

Group-C: M POL(E) – 14-ii
USA and the World-I

Credit: 04

Max. Marks: 100
Internal Marks: 20
External Marks: 80
Time: 3 Hours

Objective: The paper aims acquainting the students with the origins, principles and objectives of the US foreign policy. It explores themes like containment and rivalry with USSR up to 1975, Détente and its implications for USA and global politics, US hegemony after the end of cold war, among others.

Course Outcomes:

After the completion of this course, the students will be able to:

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|-------------------|---|
| M POL (E)-14-ii.1 | Gain an understanding of the various facets of the US foreign policy up to 1945. |
| M POL (E)-14-ii.2 | Gain knowledge of USA's policy of containment during the cold war era. |
| M POL (E)-14-ii.3 | Develop a thorough understanding of the policy of détente and its consequences in the world politics. |
| M POL (E)-14-ii.4 | Analyse the new world order and non-conventional security threats emerged in the post-cold war era. |

Note: The question paper will consist of nine questions. The candidate shall attempt five questions in all. Question No. 1 will be compulsory. The compulsory question will consist of four short answer type conceptual/thematic questions of equal marks (i.e. 4 marks each) spread over the whole syllabus. The Candidate shall attempt four more questions selecting at least one from each Unit. Each question will carry 16 marks.

UNIT-I US Foreign Policy: Origin, Sources, Principles & Objectives, Historical Development upto 1945.

UNIT-II Containment & Rivalry with USSR upto 1975.

UNIT-III Policy of Détente and its implications for USA and Global Politics.

UNIT-IV End of Cold War & Problem of US Hegemony and Dominance; New Challenges & Non-conventional Security Threats.

Suggested Readings

1. Dennis Kux, *India and the United States, Estranged Democracies, 1941-1991* (National Defense University Press, Washington, 1992).
2. Dennis Kux, *The United and Pakistan, 1947-2000: Disenchanted Allies* (John Hopkins University Press, Baltimore, 2001).
3. Strobe Talbott, *Engaging India: Diplomacy, Democracy and the Bomb* (Penguin, 2004).
4. Kanishkvan Sathasivam, *Uneasy Neighbors: India, Pakistan and US Foreign Policy* (Ashgate Publication, Burlington, Vt., 2005).
5. John Spanier and Steven Hook, *American Foreign Policy Since World War II* (13th Ed., Washington, D.C., Congressional Quarterly Press, 1995).
6. James David Meernik, *The Political Use of Military Force in US Foreign Policy* (Ashgate Publications, Burlington, VT., 2004).
7. Margaret P., Karns and Karen A. Mingst, eds., *The United States and Multilateral Institutions* (Boston, Unwin Hyman, 1990).
8. Bruce W., Jentleson, *American Foreign Policy: The Dynamics of Choice in the 21st Century* (New York, W.W., Norton, 2000).
9. Robert Wirsing, *Kashmir in the Shadow of War: Regional Rivalries in Nuclear Age* (Spring Books, India, 2004).

Mapping Matrix of Course M POL (E) – 14-ii

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course (M POL (E)–14-ii) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M POL (E) – 14-ii

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M POL(E)-14-ii.1	3	3	3	-	-	3	3	2	3	2	2	3
M POL(E)-14-ii.2	2	3	3	-	-	3	3	2	3	2	2	3
M POL(E)-14-ii.3	3	3	3	-	-	3	3	2	3	2	2	3
M POL(E)-14-ii.4	3	3	3	-	-	3	3	2	3	2	2	3
Average	2.75	3	3	-	-	3	3	2	3	2	2	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course (M POL (E)–14-ii) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M POL(E) – 14-ii

CO	PSO 1	PSO 2	PSO 3	PSO 4
M POL(E)-14-ii.1	3	3	3	2
M POL(E)-14-ii.2	3	3	3	2
M POL(E)-14-ii.3	3	3	3	3
M POL(E)-14-ii.4	2	3	3	3
Average	2.75	3	3	2.5

Group-C: M POL(E) – 15-iii
USA and South Asia

Credit: 04

Max. Marks: 100
Internal Marks: 20
External Marks: 80
Time: 3 Hours

Objective: The paper aims at acquainting the students with the nature of relationship between USA and South Asia. It explores themes like the traditional and contemporary US interest in South Asia, US policy towards core and peripheral countries in South Asia, among others.

Course Outcomes:

After the completion of this course, the students will be able to:

- | | |
|-------------------|--|
| M POL(E)-15-iii.1 | Develop a thorough understanding of US interest in South Asia. |
| M POL(E)-15-iii.2 | Gain an understanding of the US strategy towards the core countries of South Asia like India and Pakistan. |
| M POL(E)-15-iii.3 | Understand and assess the US policy towards the peripheral countries of South Asia viz. Nepal, Sri Lanka and Bangladesh. |
| M POL(E)-15-iii.4 | Assess the US engagements with South Asian countries through foreign aid, FDI and Joint ventures. |

Note: The question paper will consist of nine questions. The candidate shall attempt five questions in all. Question No. 1 will be compulsory. The compulsory question will consist of four short answer type conceptual/thematic questions of equal marks (i.e. 4 marks each) spread over the whole syllabus. The Candidate shall attempt four more questions selecting at least one from each Unit. Each question will carry 16 marks.

- | | |
|-----------------|---|
| UNIT-I | US Interest in South Asia: Traditional and Contemporary |
| UNIT-II | US Policy towards Core Countries of South Asia: India & Pakistan |
| UNIT-III | US Policy towards Peripheral Countries of South Asia: Nepal, Sri Lanka & Bangladesh. |
| UNIT-IV | Policy of Foreign Aid, Trade, FDI and Joint Venture of US in South Asia; Challenges and Problems in South Asia and American Response. |

Suggested Readings

1. Lloyd I. Rudolph and Susanne Hoeber Rudolph (Ed.) *Making U.S. Foreign Policy toward South Asia: Regional Imperatives and the Imperial Presidency.*
2. Aftab Alam, *US Policy Towards South Asia: Special Reference to Indo-Pak Relations*, Vedame Books, New Delhi
3. R.K. Jain, *US-South Asia Relations, 1947-32: Documents*, New Delhi: Radiant, 1983, Vol. II, p. 16.
4. Neil Joeck (ed.), *Strategic Consequences of Nuclear Proliferation in South Asia*, London: Frank Cass and Co., 1986.
5. Kolko, Gabriel, and Joyce Kolko, *The Limits of Power: The World and United States Foreign Policy, 1945-1954* (New York Harper & Row, 1972).
6. Wolpert, Stanley, *Roots of Confrontation in South Asia: Afghanistan, Pakistan, India and the Superpowers*, New York: Oxford University Press, 1982.
7. Barry Buzan and Gowher Rizvi (eds.), *South Asian Insecurity and the Great Powers*, London: Macmillan, 1986.
8. Lawrence Ziring (ed.), *The Subcontinent in World Politics: India Its Neighbours, and the Great Powers*, New York: Praeger, 1982.
9. R.K. Jain, *US-South Asia Relations, 1947-82: Documents*, New Delhi: Radiant, 1983.

Mapping Matrix of Course M POL (E) – 15-iii

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course (M POL (E)–15-iii) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M POL (E) – 15-iii

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M POL(E)-15-iii.1	3	3	3	-	-	3	2	2	3	2	2	3
M POL(E)-15-iii.2	3	3	3	-	-	3	2	2	3	2	2	3
M POL(E)-15-iii.3	3	3	3	-	-	3	2	2	3	2	2	3
M POL(E)-15-iii.4	3	3	3	-	-	3	2	2	3	2	2	3
Average	3	3	3	-	-	3	2	2	3	2	2	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course (M POL (E)–15-iii) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M POL(E) – 15-iii

CO	PSO 1	PSO 2	PSO 3	PSO 4
M POL(E)-15-iii.1	2	3	3	3
M POL(E)-15-iii.2	2	3	3	3
M POL(E)-15-iii.3	2	3	3	3
M POL(E)-15-iii.4	2	3	3	3
Average	2	3	3	3

Group-D: M POL(E) – 13-i
Ancient Indian Political Thought-I

Credit: 04

Max. Marks: 100
Internal Marks: 20
External Marks: 80
Time: 3 Hours

Objective: The paper aims at acquainting the students with the core elements of Ancient Indian Political Thought. The paper explores themes like methodological issues in interpretation of ancient Indian Political Thought, political philosophy of Puranas, Buddhist political philosophy and brahmanical works of sacred law, among others.

Course Outcomes:

After the completion of this course, the students will be able to:

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|-----------------|--|
| M POL(E)-13-i.1 | Understand the features of ancient Indian polity. |
| M POL(E)-13-i.2 | Understand the basic concepts, evolution and interpretation of Puranas and Vedanta. |
| M POL(E)-13-i.3 | Develop an understanding of political philosophy of Buddhism and Jainism. |
| M POL(E)-13-i.4 | Gain knowledge of religious law, moral codes and social customs of Manu and Yaujnavaalkya. |

Note: The question paper will consist of nine questions. The candidate shall attempt five questions in all. Question No. 1 will be compulsory. The compulsory question will consist of four short answer type conceptual/thematic questions of equal marks (i.e. 4 marks each) spread over the whole syllabus. The Candidate shall attempt four more questions selecting at least one from each Unit. Each question will carry 16 marks.

- | | |
|-----------------|---|
| UNIT-I | Sources of Knowledge of Ancient Political Thought. Interpretations of Ancient Indian Political Thought – Methodological Issues & Schools of Thought; Features of Ancient Indian Polity. Difficulties in the Study of Indian Political Thought |
| UNIT-II | Political Philosophy of Puranas – Basic Concepts, Evolution; Character and Interpretations; Political Philosophy of Vedanta – Basic concepts, Evolution, Character and Interpretations. |
| UNIT-III | Buddhist Political Philosophy – Basic Concepts, Evolution; Character and Interpretations; Political Philosophy of Jainism – Basic Concepts, Evolution, Character and Interpretations. |
| UNIT-IV | Brahmanical Works of Sacred Law – Manu and Yajnavalkya. |

Suggested Readings

1. A.S. Altekar, State and Government in Ancient India, Delhi, Motilal Banarsidass, 1966.
2. D.R. Bhandarkar, Some Aspects of Ancient Hindu Polity, Varanasi, Banaras Hindu University, 1963.
3. Drekmeri, Kingship and community in Early India, Berkeley, University of California Press, 1962.
4. U.N. Ghoshal, A History of Hindu Political Theories, Calcutta, Oxford University Press, 1966.
5. R.P. Kangle, Kautilya's Arthashastra, Bombay, University of Bombay, 1972.
6. N.N. Law, Aspects of Ancient Indian, Polity, Oxford, The Clarendon Press, 1921.
7. R.K. Mukherji, Local Government in Ancient India, Oxford, Oxford University Press, 1920.
8. B.Prasad, The State in Ancient India, Allahabad, University of Allahabad, 1960.
9. C.Radhakrishna, Kautilya's Political Ideas and Institutions, Varanasi, Chowkhamba Sanskrit Series Office, 1971.
10. B.A. Saletroe, Ancient Indian Political Thought and Institutions, Bombay, University of Bombay, 1963.
11. R. Shamasastri, Evolution of Indian Polity, Calcutta, 1920.
12. J.P.Sharma, Republics in Ancient India, London, Leiden E.J., Brill, 1968.
13. R.S. Sharma, Aspects of Political Ideas and Institutions in Ancient India, Delhi, 1959.
14. J. Spellman, The Political Theory of Ancient India, Oxford, The Clarendon press, 1964.
15. V.P. Varma, Studies in Hindu Political Thought and Its Metaphysical Foundations, Dehli, Motilal Banarsidass, 1974.

Mapping Matrix of Course M POL (E) – 13-i

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course (M POL (E)–13-i) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M POL (E) – 13-i

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M POL(E)-13-i.1	3	3	3	-	-	3	2	2	3	3	2	3
M POL(E)-13-i.2	3	3	3	-	-	3	2	2	3	3	2	3
M POL(E)-13-i.3	3	3	3	-	-	3	2	2	3	3	2	3
M POL(E)-13-i.4	3	3	3	-	-	3	2	2	3	3	2	3
Average	3	3	3	-	-	3	2	2	3	3	2	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course (M POL (E)–13-i) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M POL(E) – 13-i

CO	PSO 1	PSO 2	PSO 3	PSO 4
M POL(E)-13-i.1	3	3	3	3
M POL(E)-13-i.2	3	3	3	2
M POL(E)-13-i.3	3	3	3	3
M POL(E)-13-i.4	2	3	3	3
Average	2.75	3	3	2.75

Group-D: M POL(E) – 14-ii
Modern Indian Political Thought-I

Credit: 04

Max. Marks: 100
Internal Marks: 20
External Marks: 80
Time: 3 Hours

Objective: The paper aims at acquainting the students with the ideas of various Modern Indian political thinkers whose work forms the core of modern Indian Political Thought. The paper identifies nine thinkers whose writings and ideas are explored.

Course Outcomes:

After the completion of this course, the students will be able to:

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| M POL(E)-14-ii.1 | Analyze the social and political thought of Raja Ram Mohan Roy and Swami Vivekanand. |
| M POL(E)-14-ii.2 | Develop a comprehensive understanding of political philosophy of Rabindra Nath Tagore, Bal Gangadhar Tilak and Bhagat Singh. |
| M POL(E)-14-ii.3 | Comprehend the evolution of Economic Theory of Naroji and Ranade. |
| M POL(E)-14-ii.4 | Develop a capacity to analyze the political ideas of Gokhale and Nehru. |

Note: The question paper will consist of nine questions. The candidate shall attempt five questions in all. Question No. 1 will be compulsory. The compulsory question will consist of four short answer type conceptual/thematic questions of equal marks (i.e. 4 marks each) spread over the whole syllabus. The Candidate shall attempt four more questions selecting at least one from each Unit. Each question will carry 16 marks.

UNIT-I Rammohan Roy; Swami Vivekanand.

UNIT-II Rabindra Nath Tagore, Bal Gangadhar Tilak; Bhagat Singh

UNIT-III Dadabhai Naoroji; MG Ranade

UNIT-IV G.K. Gokhale; Jawaharlal Nehru

Suggested Readings

1. A.Appadorai, Indian Political Thinking Through the Ages, Delhi Khanna Publishers, 1992.
2. J. Bandhopahdyaya, Social and Political Thought of Gandhi, Bombay, Allied, 1969.
3. R.J. Cashman, The Myth of 'Lokmanya' Tilak and Mass Politics in Maharashtra, Berkeley, University of California Press, 1975.
4. Chandra, Nationalism and Colonialism in Modern India, Delhi, Vikas, 1979.
5. K.Damodaran, Indian Thought : A Critical Survey, London, Asia Publishing House, 1967.
6. D.G. Dalton, India's Idea of Freedom : Political Thought of Swami Vivekananda, Aurobindo Ghose, Mahatma Gandhi and Rabindranath Tagore, Delhi, Academic Press, 1982.
7. S. Ghose, The Renaissance to Militant Nationalism, Bombay, Allied Publishers, 1969.
8. S.Ghose, Socialism, Democracy and Nationalism in India, Bombay, Allied Publishers, 1973.
9. S. Ghose, Modern Indian Political Thought, Delhi, Allied, 1984.
10. U.N. Ghoshal, A History of Indian Political Ideas, London, Oxford University Press, 1959.
11. J.P. Haitheox, Communism and Nationalism in India : M.N. Roy and Comintern Policy, Princeton NJ, Princeton University Press, 1971.
12. Heimsath, Indian Nationalism and Social Reform, Princeton NJ, Princeton University Press, 1964.
13. R. Iyer, The Moral and Political Thought of Mahatma Gandhi, Delhi, Oxford University Press, 1973.
14. K.N. Kadam (ed.), Dr. B.R. Ambedkar, New Delhi, Sage, 1992.
15. K.P. Karunakaran, Modern Indian Political Tradition, New Delhi, Allied Publishers, 1962.
16. K.P. Karunakaran, Indian Politics from Dadabhai Naoroji to Gandhi : A Study of Political Ideas of Modern India, New Delhi, Gitanjali, 1975.
17. V.R.Mehta, Foundations of Indian Political Thought, New Delhi, Manohar, 1992.
18. V.S. Narvane, Modern Indian Thought, New Delhi, Orient Longman, 1978.
19. D.P. Roy, Leftist Politics in India : M. N. Roy and the Radical Democratic Party, Calcutta, Minerva, 1989.
20. V.P. Verma, Modern Indian Political Thought, Agra, Lakshmi Narain Aggarwal, 197

Mapping Matrix of Course M POL (E) – 14-ii

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course (M POL (E)–14-ii) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M POL (E) – 14-ii

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M POL(E)-14-ii.1	3	3	3	-	-	3	3	3	3	3	2	3
M POL(E)-14-ii.2	3	3	3	-	-	3	3	3	3	3	2	3
M POL(E)-14-ii.3	3	3	3	-	-	3	3	3	3	3	2	3
M POL(E)-14-ii.4	3	3	3	-	-	3	3	3	3	3	2	3
Average	3	3	3	-	-	3	3	3	3	3	2	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course (M POL (E)–14-ii) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M POL(E) – 14-ii

CO	PSO 1	PSO 2	PSO 3	PSO 4
M POL(E)-14-ii.1	3	3	3	3
M POL(E)-14-ii.2	3	3	3	3
M POL(E)-14-ii.3	3	3	3	3
M POL(E)-14-ii.4	3	3	3	3
Average	3	3	3	3

Group-D: M POL(E) – 15-iii
Liberal Political Theory

Credit: 04

Max. Marks: 100
Internal Marks: 20
External Marks: 80
Time: 3 Hours

Objective: The paper aims at acquainting the students with the meaning nature and core elements of liberalism. The paper explores the writings and ideas of the early Liberals, Revisionist Liberals and Modern Liberals.

Course Outcomes:

After the completion of this course, the students will be able to:

- M POL(E) – 15-iii.1 Understand the relationship between Liberalism and Industrial Revolution, Imperialism and Neo Imperialism.
- M POL(E) – 15-iii.2 Critically analyze the views of Early Liberals and Liberal Economists
- M POL(E) – 15-iii.3 Develop a deeper understanding of the ideas of Revisionist Liberals
- M POL(E) – 15-iii.4 Comprehend the views of modern Liberals.

Note: The question paper will consist of nine questions. The candidate shall attempt five questions in all. Question No. 1 will be compulsory. The compulsory question will consist of four short answer type conceptual/thematic questions of equal marks (i.e. 4 marks each) spread over the whole syllabus. The Candidate shall attempt four more questions selecting at least one from each Unit. Each question will carry 16 marks.

UNIT-I Liberalism: Meaning, Nature, Main Features of Liberalism; Liberalism and Industrial Revolution; Liberalism and Imperialism & Neo Imperialism

UNIT-II Early Liberals: Locke, Kant

Liberal Economists: Smith and Ricardo

UNIT-III Revisionist Liberals: Bentham, J.S. Mill & T.H. Green

UNIT-IV Modern Liberals: John Dewey, Milton Friedan

Suggested Readings

1. A.Arblaster, *The Rise and Decline of Western Liberalism*, Oxford, Blackwell, 1984.
2. Sir E. Barker, *Political Thought in England from Herbert Spencer to the Present Day*, Oxford, Oxford University Prss, 1950.
3. Z. Brzezinski and Staff of the Research Institute of International Change (eds.), *The Relevance of Liberalism*, Boulder Colorado, Westview Press, 1978.
4. A.Bullock and M. Shock (ed.), *The Liberal Tradition : From Fox to Kaynes*, London, and New York, Oxford University Press, 1967.
5. Collins, *Liberalism in Nineteenth Century Europe*, London, The Historical Association, 1957.
6. W.L. Davidson, *Political Thought in England, The Utilitarians from Bentham to Mill*, Oxford, Oxford University Press, 1957.
7. M.Freeden, *The New Liberalism*, Oxford and New York, Oxford University Press, 1978.
8. J. Gray, *Liberalism*, Delhi, World View, 1998.
9. L.T. Hobhouse, *Liberalism*, London, Oxford University Press, 1964.
10. H.J. Laski, *Political Thought from Locke to Bentham*, Oxford, Oxford University Press, 1920.
11. A.J. Manning, *Liberalism*, London, John Dent & Sons, 1976.
12. J. Rawls, *Political Liberalism*, New York, Columbia University Press, 1993.
13. J. Rawls, *The Law of Peoples: The Idea of Public Reason Revisited*, Cambridge Massachusetts, Harvard University Press, 1999.
14. J.S. Shapiro, *Liberalism: Its Meaning and History*, New York, Can Nostrand Reinhold, 1958.
15. F.H. Watkins, *The Age of Ideology - Political Thought from 1750 to the Present*, New Delhi, Prentice Hall, 1961.
16. S. Wolin, *Politics and Vision : Continuity and Innovation in Western Political Thought*, Boston, Little Brown, 1960.

Mapping Matrix of Course M POL (E) – 15-iii

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course (M POL (E)–15-iii) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M POL (E) – 15-iii

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M POL(E)-15-iii.1	3	3	3	-	-	3	3	3	3	2	2	3
M POL(E)-15-iii.2	3	3	3	-	-	3	3	3	3	2	2	3
M POL(E)-15-iii.3	3	3	3	-	-	3	3	3	3	2	2	3
M POL(E)-15-iii.4	3	3	3	-	-	3	3	3	3	2	2	3
Average	3	3	3	-	-	3	3	3	3	2	2	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course (M POL (E)–15-iii) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M POL(E) – 15-iii

CO	PSO 1	PSO 2	PSO 3	PSO 4
M POL(E)-15-iii.1	3	3	3	2
M POL(E)-15-iii.2	3	3	3	2
M POL(E)-15-iii.3	3	3	3	2
M POL(E)-15-iii.4	3	3	3	2
Average	3	3	3	2

OESS-15
India and World

Credit: 02

Max. Marks: 50

Time: 2 hrs

Objective: The paper aims to enable the students to develop an understanding of India's foreign policy and India's relations with other countries.

Course Outcomes:

After the completion of this course, the students will be able to:-

- OESS-15.1 Understand the nature and determinants of India's foreign policy.
- OESS-15.2 Comprehend India's relations with major powers like USA, USSR and Russia.
- OESS-15.3 Develop a deeper understanding of India's engagement with its neighbours.
- OESS-15.4 Analyse India's nuclear policy along with India's role in the UN and NAM.

Note: The question paper will consist of eight questions. The candidate shall attempt four questions in all. Each question will carry equal marks.

- Unit-1** Meaning, Nature, Determinants and Making of India's Foreign Policy.
- Unit-2** India's Relations with Major Powers: USA, USSR & Russia.
- Unit-3** India and its Neighbours: China, Pakistan, small Neighbours, and SAARC.
- Unit-4** India's Nuclear Policy, India and the United Nations, India and NAM.

Suggested Readings

1. R.S. Yadav, *Bharat Ki Videsh Niti* (In Hindi), Pearson , New Delhi, 2013.
2. R.S. Yadav & Suresh Dhanda, eds., *India's Foreign Policy: Contemporary Trends*, Shipra, New Delhi, 2009.
3. R.S. Yadav (ed.) *India's Foreign Policy Towards 2000 A.D.*, Deep & Deep publication, New Delhi, 1993.
4. J. Bandhopadhyaya, *The Making of India's Foreign Policy*, Allied, Calcutta, 1979.
5. N.K Jha (ed.) , *India's Foreign Policy in a Changing World* , South Asian Publishers, New Delhi, 2000.
6. C. Raja Mohan, *Crossing The Rubicon: The shaping of India's New Foreign Policy*, Viking, New Delhi, 2003.
7. N S. Sisodida & C Uday Bhaskar, eds., *Emerging India : Security and Foreign Policy perspective*, Promilla, New Delhi, 2007.
8. Rajen Harshe & KM. Sethi, eds, *Engaging With the World : Critical Reflections on India's Foreign Policy*, Orient Longman, New Delhi, 2005.
9. Anand Mathur & Sohan Lal Meena, eds., *India Profile in Polycentric world orders*, RBSA, Jaipur, 2008.
10. Jayanta Kumar Roy, *India's Foreign Relations, 1947-2007*, Routledge, New Delhi, 2011.
11. Anjali Ghosh, et al., *India's Foreign Policy*, Pearson Publication, New Delhi, 2012.

Mapping Matrix of Course OESS – 15

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course (OESS–15) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course OESS – 15

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
OESS-15.1	3	3	3	-	-	3	2	3	3	2	2	3
OESS-15.2	3	3	3	-	-	3	2	3	3	2	2	3
OESS-15.3	3	3	3	-	-	3	2	3	3	2	2	3
OESS-15.4	3	3	3	-	-	3	2	3	3	2	2	3
Average	3	3	3	-	-	3	2	3	3	2	2	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course (OESS–15) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course OESS – 15

CO	PSO 1	PSO 2	PSO 3	PSO 4
OESS-15.1	3	3	3	3
OESS-15.2	3	3	3	3
OESS-15.3	3	3	3	3
OESS-15.4	3	3	3	3
Average	3	3	3	3

Semester-IV

M POL(C) – 16 Political Theory-II

Credit: 04

Max. Marks: 100
Internal Marks: 20
External Marks: 80
Time: 3 Hours

Objective: The paper aims to acquaint the students with the core concepts and ideas in Political Theory. It explores themes like Ideology, Post Modernism, Communitarianism along with Green Political theory and Theories of Change, among others.

Course Outcomes:

After the completion of this course, the students will be able to:

- | | |
|-----------------|--|
| M POL(C) – 16.1 | Develop a better understanding of the concept of Ideology and debates in Political Theory. |
| M POL(C) – 16.2 | Comprehend the relevance of contemporary theories. |
| M POL(C) – 16.3 | Understand the theories of Liberty, Equality, Justice and Democracy. |
| M POL(C) – 16.4 | Acquire a deeper understanding of Social Change. |

Note: The question paper will consist of nine questions. The candidate shall attempt five questions in all. Question No. 1 will be compulsory. The compulsory question will consist of four short answer type conceptual/thematic questions of equal marks (i.e. 4 marks each) spread over the whole syllabus. The Candidate shall attempt four more questions selecting at least one from each Unit. Each question will carry 16 marks.

UNIT-I Concept of Ideology; End of Ideology Debate; End of History Debate.

UNIT-II Post Modernism; Communitarianism, Green Political Theory (Environment); Feminism.

UNIT-III Theories of Liberty, Equality, Justice & Democracy.

UNIT-IV Theories of Change: Lenin, Mao & Gandhi.

Suggested Readings

1. Sir, I. Berlin, Does Political Theory Still Exist? In *Philosophy, Politics and Society*, 2nd series, ed. P. Laslett and W.G. Runciman, Oxford, Blackwell, 1964.
2. A.Cobban, 'The Decline of Political Theory,' *Political Science Quarterly*, 1953, LXVIII, pp. 321-337.
3. Dobson, *Green Political Thought*, London, Unwin Hyman, 1990.
4. D. Easton, The future of the postbehavioural phase in political science, in *Contemporary Empirical Political Theory*, K. R. Monroe (ed.), Berkeley, University of California Press, 1997.
5. F. Fukuyama, *The End of History and the last Man*, Harmondsworth, Penguins, 1992.
6. D. Germino, *Beyond Ideology: The Revival of Political Theory*, New York, Harper and Row, 1967.
7. R. E. Goodin, *Green Political Theory*, Cambridge, Polity Press, 1992.
8. A.Hacker, *Political Theory: Philosophy, Ideology and Science*, New York, Macmillan, 1961.
9. D. Held, *Political Theory Today*, Cambridge, Polity Press, 1991.
10. A.Heywood, *Political Theory: An Introduction*, London, Macmillan, 1999.
11. S. Mulhall and A. Swift, *Liberals and Communitarians*, Oxford, Basil Blackwell, 1992.
12. G.H. Sabine, What is Political Theory?, *Journal of Politics*, 1939, 1(1).
13. L. Strauss, *What is Political Philosophy and Other Studies?* Glencoe, The Free Press, 1959.
14. R. J. Bernstein (ed.), *Habermas and Modernity*, Cambridge, Polity Press, 1985.
15. S. Benhabib, *The Reluctant Modernism of Hannah Arendt*, Thousand Oaks California, Sage, 1996.
16. R. Grant, *Oakeshott*, London, Claridge Press, 1990.
17. N. P. Barry, *Hayek's Social and Economic Philosophy*, London, Macmillan, 1979.
18. E Butler, *Hayek : His Contribution to the Political and Economic Thought of Our Time*, Hounslow, Temple Smith, 1983.
19. C. Kukathas, *Hayek and Modern Liberalism*, Oxford, The Clarendon Press, 1989.
20. J. Wolff (ed.), *Robert Nozick : Property, Justice and the Minimal State*, Oxford Polity with Basil Blackwell, 1991.

Mapping Matrix of Course M POL(C) – 16

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course (M POL(C)–16) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M POL(C) – 16

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M POL(C)-16.1	3	3	3	-	-	3	2	3	3	2	2	3
M POL(C)-16.2	3	3	3	-	-	3	2	2	3	2	2	3
M POL(C)-16.3	3	3	3	-	-	3	2	2	3	2	2	3
M POL(C)-16.4	3	3	3	-	-	3	2	3	3	2	2	3
Average	3	3	3	-	-	3	2	2.5	3	2	2	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course (M POL(C)–16) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M POL(C) – 16

CO	PSO 1	PSO 2	PSO 3	PSO 4
M POL(C)-16.1	3	3	3	2
M POL(C)-16.2	3	3	3	2
M POL(C)-16.3	3	3	3	3
M POL(C)-16.4	3	3	3	3
Average	3	3	3	2.5

M POL(C) – 17
Comparative Politics-II

Credit: 04

Max. Marks: 100
Internal Marks: 20
External Marks: 80
Time: 3 Hours

Objective: The paper aims to enable the students to make a comparative analysis of various political systems based on political institutions as well as processes. It explores themes like Political Elites, Party Systems, Pressure Groups, Electoral Systems, Bureaucracy and Social Movements, among others.

Course Outcomes:

After the completion of this course, the students will be able to:

- | | |
|---------------|---|
| M POL(C)-17.1 | Compare and assess the role of political elites, political parties and pressure groups in different political systems. |
| M POL(C)-17.2 | Develop a thorough understanding of the electoral systems and processes prevalent in different countries across the world. |
| M POL(C)-17.3 | Become familiar with the concepts and functioning of Rule of law, judicial review and bureaucracy in various political systems. |
| M POL(C)-17.4 | Understand various theories of change and social Movements |

Note: The question paper will consist of nine questions. The candidate shall attempt five questions in all. Question No. 1 will be compulsory. The compulsory question will consist of four short answer type conceptual/thematic questions of equal marks (i.e. 4 marks each) spread over the whole syllabus. The Candidate shall attempt four more questions selecting at least one from each Unit. Each question will carry 16 marks.

Unit-I Political Elites, Party Systems, Pressure Groups.

Unit-II Electoral Systems & Electoral Processes, Separation of Powers and Checks and Balances.

Unit-III Rule of Law, Judicial Review, Bureaucracy- Roles and Problems.

Unit-IV Theories of Social Change, Social and New Social Movements.

Suggested Readings

1. G.A. Almond and J.S. Coleman, *The Politics of the Developing Areas*, Princeton NJ, Princeton University Press, 1960.
2. G.A. Almond, and S. Verba, *The Civic Culture : Political Attitudes and Democracy in Five Nations*, Princeton NJ, Princeton University Press, 1963.
3. G.A. Almond, *Comparative Politics Today : A World View*, 7th edn., New York, London, Harper/Collins, 2000.
4. D.E. Apter, *The Politics of Modernization*, Chicago, University of Chicago Press, 1965.
5. A.Bebler and J. Seroka (eds.), *Contemporary Political Systems: Classifications and Typologies*, Boulder Colorado, Lynne Reinner Publishers, 1990.
6. L.J.Cantori and A.H. Zeigler (ed.), *Comparative Politics in the Post-Behaviouralist Era*, London, Lynne Reinner Publisher, 1988.
7. O. Dunleavy and B.O' Leary, *Theories of Liberal Democratic State*, London, Macmillan, 1987.
8. R. Hauge and M. Harrop, *Comparative Government and Politics. An Introduction*, 5th edn., New York, Palgrave, 2001.
9. H. Finer, *Theory and Practice of Modern Government*, London, Methuen, 1969.
10. J.C. Johari, *Comparative Political Theory: New Dimensions, Basic Concepts and Major Trends*, New Delhi, Sterling, 1987.
11. K. Kumar, *Revolution : The Theory and Practice of a European Idea*, London, Weidenfeld and Nicolson, 1971.
12. R.C. Macridis, *The Study of Comparative Government*, New York, Doubleday, 1955.
13. R.C. Macridis and R.E. Ward, *Modern Political Systems : Europe, and Asia*, 2nd edn. Englewood Cliffs NJ, Prentice Hall, 1968.
14. J. Manor (ed.), *Rethinking Third World Politics*, London, Longman, 1991.
15. R.C. Macridis, *Modern European Governments : Cases in Comparative Policy - Making*, Englewood Cliffs NJ, Prentice Hall, 1968.
16. L.W. Pey (ed.), *Communication and Political Development*, Princeton NJ, Princeton University Press, 1963.
17. R.I. Rotberg (ed.), *Politics and Political Change : A Journal of Inter-Disciplinary History Reader*, Massachusetts, MIT Press, 2001.
18. H.J. Wiarda (ed.), *New Developments in Comparative Politics*, Boulder Colorado, Westview Press, 1986.
19. Prabir De, *Comparative Politics*, Pearson, New Delhi, 2012.

Mapping Matrix of Course M POL(C) – 17

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course (M POL(C)–17) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M POL(C) – 17

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M POL(C)-17.1	3	3	3	-	-	3	3	2	3	2	2	3
M POL(C)-17.2	3	3	3	-	-	3	3	3	3	2	2	3
M POL(C)-17.3	3	3	3	-	-	3	3	2	3	2	2	3
M POL(C)-17.4	3	3	3	-	-	3	3	3	3	2	2	3
Average	3	3	3	-	-	3	3	2.5	3	2	2	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course (M POL(C)–17) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M POL(C) – 17

CO	PSO 1	PSO 2	PSO 3	PSO 4
M POL(C)-17.1	3	3	3	2
M POL(C)-17.2	3	3	3	3
M POL(C)-17.3	3	3	3	3
M POL(C)-17.4	3	3	3	3
Average	3	3	3	2.75

Group-A: M POL(E) – 18-i
India's Foreign Policy & Relations-II

Credit: 04

Max. Marks: 100
Internal Marks: 20
External Marks: 80
Time: 3 Hours

Objective: The paper aims to enable the students to develop an understanding of India's relations with its neighbours, along with important international regions and associations. It also explores themes like major challenges to India's Foreign Policy along with its critical assessment.

Course Outcomes:

After the completion of this course, the students will be able to:

- | | |
|------------------|--|
| M POL(E)-18-i.1 | Identify the major areas of convergence and divergence between India and its big neighbours of Asian Region. |
| M POL(E)-18-i.2 | Assess the nature of India's foreign policy towards its small neighbours. |
| M POL(E)-18-i.3 | Examine the implications of relations of India with different regions and global and regional organizations. |
| M POL(E)-18-i .4 | Develop the capacity to reflect upon the challenges of India's foreign policy and give insights on them. |

Note: The question paper will consist of nine questions. The candidate shall attempt five questions in all. Question No. 1 will be compulsory. The compulsory question will consist of four short answer type conceptual/thematic questions of equal marks (i.e. 4 marks each) spread over the whole syllabus. The Candidate shall attempt four more questions selecting at least one from each Unit. Each question will carry 16 marks.

- | | |
|-----------------|---|
| UNIT-I | India's Relations with Big Neighbours – China and Pakistan |
| UNIT-II | Relations with Small Neighbours – Bangladesh, Bhutan, Sri Lanka, Nepal |
| UNIT-III | Relations with Different Regions and Associations – West Asia, Southeast Asia, Central Asian Republics. SAARC, ASEAN, NAM and UN. |
| UNIT-IV | Major Challenges to Foreign policy – defence and Nuclear Policy, Human Rights, Cross Border Terrorism and Environmental Position, Assessment of Foreign Policy. |

Suggested Readings

1. R.S. Yadav, *Bharat Ki Videsh Niti: Ek Vishleshan* (in Hindi), Pearson, New Delhi, 2012.
2. R.S. Yadav & Suresh Dhanda, eds., *India's Foreign Policy: Contemporary Trends*, New Delhi, Shipra, 2009.
3. R.S. Yadav (ed.), *India's Foreign Policy Towards 2000 A.D.*, New Delhi, Deep & Deep, 1993.
4. J.N. Dixit, *Across Border: Fifty Years of India's Foreign Policy*, New Delhi, 1999.
5. J. Bandhopadhyaya, *The Making of India's Foreign Policy*, Calcutta, Allied, 1979.
6. V.P. Dutt, *India's Foreign Policy in a Changing World*, New Delhi, Vikas, 1999.
7. N.K. Jha (ed.), *India's Foreign Policy in a Changing World*, New Delhi, South Asian Publishers, 2000.
8. H. Kapur, *India's Foreign Policy : 1947-1993*, New Delhi, Sage, 1994.
9. N. Jetley, *India's Foreign Policy : Challenges and Prospects*, New Delhi, Janaki Prakashan, 1985.
10. S. Mansingh (ed.), *India's Foreign Policy in the 21st Century*, New Delhi, Foreign Policy Institute, 1999.
11. R. Thakur, *Politics and Economics of India's Foreign Policy*, Delhi, Oxford University Press, 1993.
12. C. Raja Mohan, *Crossing The Rubicon: The Shaping of India's New Foreign Policy*, New Delhi, Viking, 2003.
13. N.S. Sisodia & C. Uday Bhaskar, eds., *Emerging India: Security and Foreign Policy Perspective*, New Delhi, Promilla, 2007.
14. Rajen Harshe & K.M. Seethi, eds., *Engaging with the World: Critical Reflections on India's Foreign Policy*, New Delhi, Orientlongman, 2005.
15. Anand Mathur & Sohanlal Meena, eds., *India Profile in Polycentric World Order*, Jaipur, RBSA, 2008.
16. Annpurna Nantiyal, ed., *Challenges to India's Foreign Policy in the New Era*, New Delhi, 2006.
17. Atish Sinha & Madhup Mahota, eds., *Indian Foreign Policy: Challenges and Opportunities*, New Delhi, Academic, 2007.
18. Anjali Ghosh & others, *India's Foreign Policy*, Pearson, New Delhi, 2012.

Mapping Matrix of Course M POL (E) – 18-i

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course (M POL (E)–18-i) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M POL(E) – 18-i

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M POL(E)-18-i.1	3	3	2	-	-	3	3	3	3	2	2	3
M POL(E)-18-i.2	3	3	2	-	-	3	3	3	3	2	2	3
M POL(E)-18-i.3	3	3	3	-	-	3	3	3	3	2	2	3
M POL(E)-18-i.4	3	3	3	-	-	3	3	3	3	2	2	3
Average	3	3	2.5	-	-	3	3	3	3	2	2	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course (M POL (E)–18-i) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M POL(E) – 18-i

CO	PSO 1	PSO 2	PSO 3	PSO 4
M POL(E)-18-i.1	2	3	3	3
M POL(E)-18-i.2	2	3	3	3
M POL(E)-18-i.3	3	3	3	3
M POL(E)-18-i.4	3	3	3	3
Average	2.5	3	3	3

Group-A: M POL (E) – 19-ii
International Law-II

Credit: 04

Max. Marks: 100
Internal Marks: 20
External Marks: 80
Time: 3 Hours

Objective: The paper aims to acquaint the students with the core elements of International Law. It explores themes like War and its effects, Means for settlement of Disputes, Laws of War, Termination of War, Neutrality and Cooperative Law, among others.

Course Outcomes:

After the completion of this course, the students will be able to:

- | | |
|-------------------|--|
| M POL(E)- 19-ii.1 | Comprehend the meaning and effects of war and settlement of international disputes. |
| M POL(E)- 19-ii.2 | Understand the significance of the laws of war and legality of instruments of warfare. |
| M POL(E)- 19-ii.3 | Understand war crimes; treatment of POWs; rights and duties of neutral states. |
| M POL(E)- 19-ii.4 | Understand various laws with regard to outer space and sea. |

Note: The question paper will consist of nine questions. The candidate shall attempt five questions in all. Question No. 1 will be compulsory. The compulsory question will consist of four short answer type conceptual/thematic questions of equal marks (i.e. 4 marks each) spread over the whole syllabus. The Candidate shall attempt four more questions selecting at least one from each Unit. Each question will carry 16 marks.

UNIT-I War and its effects; Enemy Character; Means for Settlement of Disputes – Amicable and Coercive.

UNIT-II Laws of War – Land, Aerial and Maritime Warfare, Legality of Instruments of Warfare.

UNIT-III Termination of War, Treatment of POWs, War Crimes, Prize Courts.
Neutrality – Definition, Status, Rights and Duties, Blockade and Contraband.

UNIT-IV Cooperative Law – Laws of Sea, Laws of Outer Space and Environmental Conferences.

Suggested Readings

1. Brownline, Principles of Public International Law, Oxford, Clarendon Press, 1973, Second Edition.
2. C.G. Fenwick, International Law, Bombay, Vakils, 1971.
3. J.G. Starke, An Introduction to International Law, London, Butterworths, 1972.
4. P.E. Corbett, Law and Diplomacy, Princeton NJ, Princeton University Press, 1959.
5. K. Deutsc and S. Hoffman (ed.), The Relevance of International Law, Oxford, Clarendon Press, 1955.
6. L. Duguit, Law in the Modern State, New York, B.W. Huebsch, 1919.
7. W. Friedmann, The Changing Structure of International Law, New York, Columbia University Press, 1964.
8. H. Kelsen, Principles of International Law, New York, Rinehart and Co., 1952.
9. J. Mattern, Concepts of State, Sovereignty and International Law, Baltimore, Johns Hopkins Press, 1928.
10. L. Oppenheimer, International Law Vol. 1, 1969, Revised edn., Vol II, 1953.
11. J. Stone, Legal Controls of International Conflict, New York, Rinehart and Company, 1954.
12. C. de Visscher, Theory and Reality in Public International Law, Princeton NJ, Princeton University Press, 1957.
13. Sir J.F. Williams, Aspects of Modern International Law, New York, Oxford University Press, 1939.

Mapping Matrix of Course M POL (E) – 19-ii

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course (M POL (E)–19-ii) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M POL(E) – 19-ii

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M POL(E)-19-ii.1	3	3	3	-	-	3	3	3	3	2	2	3
M POL(E)-19-ii.2	3	3	3	-	-	3	3	3	3	2	2	3
M POL(E)-19-ii.3	3	3	3	-	-	3	3	3	3	2	2	3
M POL(E)-19-ii.4	3	3	3	-	-	3	3	3	3	2	2	3
Average	3	3	3	-	-	3	3	3	3	2	2	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course (M POL (E)–19-ii) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M POL(E) – 19-ii

CO	PSO 1	PSO 2	PSO 3	PSO 4
M POL(E)-19-ii.1	3	3	3	3
M POL(E)-19-ii.2	2	3	3	2
M POL(E)-19-ii.3	3	3	3	3
M POL(E)-19-ii.4	3	3	3	3
Average	2.75	3	3	2.75

Group-A: M POL(E) – 20-iii
International Organization and Global Order Studies-II

Credit: 04

Max. Marks: 100
Internal Marks: 20
External Marks: 80
Time: 3 Hours

Objective: The paper aims to acquaint the students with the core themes in International Organization and Global Order Studies. It explores various approaches to International Organization and International Organization and World Order Models. It also has sections on UN and major International Crises and UN and contemporary Issues.

Course Outcomes:

After the completion of this course, the students will be able to:

- | | |
|-------------------|--|
| M POL(E)-20-iii.1 | Analyze the various approaches related to International Organization. |
| M POL(E)-20-iii.2 | Understand the different world order models. |
| M POL(E)-20-iii.3 | Develop an analytical outlook with respect to the role of UNO in major global conflicts. |
| M POL(E)-20-iii.4 | Develop an understanding of the role of UN in the resolution of contemporary international issues. |

Note: The question paper will consist of nine questions. The candidate shall attempt five questions in all. Question No. 1 will be compulsory. The compulsory question will consist of four short answer type conceptual/thematic questions of equal marks (i.e. 4 marks each) spread over the whole syllabus. The Candidate shall attempt four more questions selecting at least one from each Unit. Each question will carry 16 marks.

UNIT-I Approaches to International Organization: Disarmament, Preventive Diplomacy, Grand Debate, Trusteeship and Functional Approaches to Peace.

UNIT-II International Organization and World Order Models: Assessment of World Order Models of Clark-Sohn, Richard Falk, Marxian, Mahatma Gandhi and Rajni Kothari.

UNIT-III UN and Major International Crises: Korean, Arab-Israel, Kashmir, Iraq

UNIT-IV UN & Contemporary Issues: Human Rights, Environment, Gender & Terrorism, Revision of UN Charter; Assessment of UN System.

Suggested Readings

1. Richard K. Ashley, "The Eye of Power : The Politics of World Modelling," International Organization, Vol. 37, No. 3, 1983.
2. Inis Claude, Changing United Nations, New York, Random House, 1967.
3. Inis Claude, Swords into ploughshares : The Problems and Progress of International organisations, New York, Random House, 1971.
4. S.J.R. Bilgrami, International Organisation, New Delhi, Vikas, 1971.
5. E. Laurd, A History of the United Nations, London, Macmillan, 1989.
6. R.C. Angell, The Quest for World Order, Ann Arbor, University of Michigan Press, 1979.
7. A.L. Bennett, International Organizations : Principles and Issues, Englewood Cliffs NJ, Prentice Hall, 1977.
8. H.G. Nicholas, The UN as a Political Institution, Oxford, Oxford University Press, 1975.
9. W.H. Lewis (ed.), The Security Role of the United Nations, New York, Praegar, 1991.
10. Ronald Meltzer, "Restructuring the UN System, Institutional Reform, Efforts in the Context of North-South Relations," International Organization, vol. 32, No. 4, 1978.
11. Ronald Yalem, "Conflicting Approaches to World Order," Alternatives, Vol. 5, 1979-1980.
12. P. Baehr and L. Gordenker, The United Nations in the 1990s, London, Oxford University Press, 1992.
13. Rikhey, Strengthening UN Peace keeping, London, Hurst and Co., 1993.
14. K. P. Saxena, Reforming the United Nations : The Challenge and Relevance, New Delhi, Sage, 1993.

Mapping Matrix of Course M POL (E) – 20-iii

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course (M POL (E)–20-iii) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course POL (E) – 20-iii

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M POL(E)-20-iii.1	3	3	3	-	-	3	3	3	3	2	2	3
M POL(E)-20 iii.2	3	3	3	-	-	3	2	3	3	2	2	3
M POL(E)-20-iii.3	3	3	3	-	-	3	2	3	3	2	2	3
M POL(E)-20-iii.4	3	3	3	-	-	3	3	3	3	2	2	3
Average	3	3	3	-	-	3	2.5	3	3	2	2	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3: shows the CO-PSO mapping matrix for a course (M POL (E)–20-iii) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M POL (E) – 20-iii

CO	PSO 1	PSO 2	PSO 3	PSO 4
M POL(E)-20-iii.1	3	3	3	2
M POL(E)-20-iii.2	3	3	3	2
M POL(E)-20-iii.3	2	3	3	3
M POL(E)-20-iii.4	3	3	3	3
Average	2.75	3	3	2.5

Group-B: M POL(E) – 18-i
Political Sociology: The Indian Context-II

Credit: 04

Max. Marks: 100
Internal Marks: 20
External Marks: 80
Time: 3 Hours

Objective: The paper aims to acquaint the students with the core elements of Political Sociology in Indian Context. It explores themes like Political Culture in India, Social Differentiation and Democracy in India, Society, State and Politics in Contemporary India, among others.

Course Outcomes:

After the completion of this course, the students will be able to:

- | | |
|------------------|---|
| M POL(E) –18-i.1 | Acquire an in depth knowledge of the concepts of Political Culture and Political Socialization in Indian Context. |
| M POL(E) –18-i.2 | Understand the social and regional differentiation and their linkage with democracy in India. |
| M POL(E) –18-i.3 | Comprehend the role of Political Parties, Pressure Groups and Interest Groups in Society and Politics of India. |
| M POL(E) –18-i.4 | Develop a capability to critically analyze the causal factors of political dissent and protests in India. |

Note: The question paper will consist of nine questions. The candidate shall attempt five questions in all. Question No. 1 will be compulsory. The compulsory question will consist of four short answer type conceptual/thematic questions of equal marks (i.e. 4 marks each) spread over the whole syllabus. The Candidate shall attempt four more questions selecting at least one from each Unit. Each question will carry 16 marks.

UNIT-I Political Culture – Meaning, Nature and Types, Political Culture in India, Political Socialization in India: Leadership, Masses and Social Mobility, State Power

UNIT-II Social Differentiation and Democracy in India: Ethnic, Communal, Language and Regional Differentiations; The Rural-Urban Divide.

Socio-Cultural Ethos; Social Change in India – Sanskritization, Westernization and Secularization, Tradition and Modernity, Post-Modernity.

UNIT-III Society, State and Politics in Contemporary India; Regionalization of Politics; Role of Political Parties; Pressure Groups and Interest Groups.

UNIT-IV Forms of Political Dissent and Protest, Terrorism and Politics of Violence, Role of Clergy in Politics; Role of Foreign Elements Influencing the Society, State and Politics. NGO's – Role, Function and Limitations.

Suggested Readings

1. G.A. Almond and S. Verba, *The Civic Culture*, Princeton NJ, Princeton University Press, 1963.
2. S. Bayly, *Caste, Society and Politics in India from the Eighteenth Century to the Modern Age*, Cambridge, Cambridge University Press, 1999.
3. R. Bendix, and S.M. Lipset, *Class, Status and Power*, 2nd edn., New York, The Free Press, 1966.
4. P.R. Brass, *Caste, Faction and Party in Indian Politics*, Vols. 2, Delhi, Chankya Publication, 1984-85.
5. P.R. Brass, *Ethnicity and Nationalism : Theory and Comparison*, New Delhi, Sage, 1991.
6. R.E. Dawson and K. Prewitt, *Political Socialization*, Boston, Little Brown, 1969.
7. A.R. Desai, *State and Society in India : Essays in Dissent*, Bombay, Popular, 1974.
8. M. Galanter, *Competing Equalities : Law and the Backward Classes in India*, Berkley, University of California Press, 1983.
9. M. Janowitz, *Political Conflict : Essays in Political Sociology*, New York, New Viewpoints, Watts, 1970.
10. R. Kothari, *Caste and Politics in India*, New Delhi, Orient Longman, 1970.
11. R. Kothari, *Politics in India*, New Delhi, Orient Longman, 1970.
12. R. Kothari, *Democratic Polity and Social Change in India*, Delhi, Allied, 1976.
13. L.Milbrath, *Political Participation*, Skokie Illinois, Rand-McNally, 1965.
14. T.K. Oomen, *Protest and Change : Studies in Social Movements*, New Delhi, Sage, 1990.
15. M.N. Srinivas, *Caste in Modern India and Other Essays*, Bombay, Asia Publishing House, 1962.
16. M.N. Srinivas, *The Cohesive Role of Sanskritization and Other Essays*, Delhi, Oxford University Press, 1989.

Mapping Matrix of Course M POL (E) – 18-i

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course (M POL (E)–18-i) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M POL (E) – 18-i

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M POL(E)-18-i.1	3	3	3	-	-	3	3	3	3	2	2	3
M POL(E)-18-i.2	3	3	3	-	-	3	3	3	3	2	2	3
M POL(E)-18-i.3	3	3	3	-	-	3	3	3	3	2	2	3
M POL(E)-18-i.4	3	3	3	-	-	3	3	3	3	2	2	3
Average	3	3	3	-	-	3	3	3	3	2	2	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3: shows the CO-PSO mapping matrix for a course (M POL (E)–18-i) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M POL (E) – 18-i

CO	PSO 1	PSO 2	PSO 3	PSO 4
M POL(E)-18-i.1	3	3	3	2
M POL(E)-18-i.2	3	3	3	3
M POL(E)-18-i.3	3	3	3	3
M POL(E)-18-i.4	3	3	3	3
Average	3	3	3	2.75

Group-B: M POL(E) – 19-ii
State Politics in India (with special reference to Haryana)-II

Credit: 04

Max. Marks: 100
Internal Marks: 20
External Marks: 80
Time: 3 Hours

Objective: The paper aims at acquainting the students with the nature of State Politics in India. The paper explores themes like Regionalism in India, the issue of State Autonomy, Centre State relations, the Office of the Governor, Panchayati Raj System in India and Its Impact on State Politics, among others.

Course Outcomes:

After the completion of this course, the students will be able to:

- | | |
|------------------|--|
| M POL(E)-19-ii.1 | Understand the importance of Regionalism and Regional parties in India |
| M POL(E)-19-ii.2 | Analyze the concept of state autonomy and develop an understanding of the Centre - State relations in India. |
| M POL(E)-19-ii.3 | Understand the powers and functions of the Governor and politics of President's rule in the states. |
| M POL(E)-19-ii.4 | Gain insights into grassroots governance and the politics of defections in the Indian States. |

Note: The question paper will consist of nine questions. The candidate shall attempt five questions in all. Question No. 1 will be compulsory. The compulsory question will consist of four short answer type conceptual/thematic questions of equal marks (i.e. 4 marks each) spread over the whole syllabus. The Candidate shall attempt four more questions selecting at least one from each Unit. Each question will carry 16 marks.

UNIT-I Regionalism in India, Rise of Regional Parties – Causes and Impact on State Politics.

UNIT-II State Autonomy: Concept, Rajamannar Committee Report, Arguments for and Against State Autonomy.

Centre-State Relations: Area of Conflict, Sarkaria Commission's Report.

UNIT-III Office of the Governor, Governor's Discretionary Powers, Politics of President's Rule in the States.

UNIT-IV Panchayati Raj System in India and Its Impact on State Politics, Politics of Party Splits and Merger.

Suggested Readings

1. G. Austin, *The Indian Constitution: Corner Stone of a Nation*, Oxford, Oxford University Press, 1966.
2. A.Chanda, *Federalism in India : A Study of Union-State Relations*, London, George Allen & Unwin, 1965.
3. P.Chatterjee (ed.), *States and Politics in India*, Delhi, Oxford University Press, 1997.
4. A.Kohli, *Democracy and Discontent : India's Growing Crisis of Governability*, Cambridge, Cambridge University Press, 1991.
5. R. Kothari, *Politics in India*, New Delhi, Orient Longman, 1970.
6. I.Narain (ed.), *State Politics in India*, Meerut, Meenakshi Parkashan, 1967.
7. S. Pai, *State Politics : New Dimensions : Party System, Liberalization and Politics of Identity*, Delhi, 2000.
8. Prem Choudhary, *Punjab Politics - The Role of Sir Chhotu Ram*, Delhi, Vikas, 1984.
9. S.C. Mittal, *Haryana : A Historical Perspective*, New Delhi, Atlantic Publishers, 1986.
10. K.C. Yadav, *Hayana Ka Itihas*, 3 Volumes, New Delhi, Macmillan India Ltd., 1981.
11. P.D. Sharma, *Legislative Elite in India : A Study in Political, Socialization*, Kurukshetra, Vishal, 1984.
12. Ramesh Kumar, *Regionalization of Politics in India*, New Delhi, Mohit Publication, 1996.
13. Harinder K. Chhabra, *State Politics in India*, Delhi, Surjeet Publications, 1980.
14. B.L. Fadia, *State Politics in India*, Vol I & II, New Delhi, Radiant Publishes, 1984.
15. O.P. Goel, *Caste and Voting Behaviour*, New Delhi, Ritu Publishers, 1981.
16. Subhash C. Kashyap, *The Politics of Defection - A Study of State Politics in India*, Delhi, National Publishing House, 1969.
17. S.Y. Qureshi, *Haryana Rediscovered*, Gurgaon, Indian Documentation Service, 1985.
18. T.R. Sharma (ed.), *New Challenges of Politics in Indian States*, New Delhi, Uppal Publishing House, 1985.
19. P. Choudhary, *The Veiled Women : Shifting Gender Equations in Rural Haryana 1880-1990*, Delhi, Oxford University Press, 1994.
20. Other Readings : *Journal of Haryana Studies*, Kurukshetra University Research Journal of Arts and Humanities.

Mapping Matrix of Course M POL (E) – 19-ii

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course (M POL (E)–19-ii) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M POL (E) – 19-ii

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M POL(E)-19-ii.1	3	3	3	-	-	3	3	3	3	3	2	3
M POL(E)-19-ii.2	3	3	3	-	-	3	3	3	3	3	2	3
M POL(E)-19-ii.3	3	3	3	-	-	3	3	3	3	3	2	3
M POL(E)-19-ii.4	3	3	3	-	-	3	3	3	3	3	2	3
Average	3	3	3	-	-	3	3	3	3	3	2	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3: shows the CO-PSO mapping matrix for a course (M POL (E)–19-ii) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M POL (E) – 19-ii

CO	PSO 1	PSO 2	PSO 3	PSO 4
M POL(E)-19-ii.1	3	3	3	3
M POL(E)-19-ii.2	3	3	3	3
M POL(E)-19-ii.3	3	3	3	3
M POL(E)-19-ii.4	3	3	3	3
Average	3	3	3	3

Group-B: M POL(E) – 20-iii
Democracy in India-II

Credit: 04

Max. Marks: 100
Internal Marks: 20
External Marks: 80
Time: 3 Hours

Objective: The paper aims to acquaint the students with the nature of Democracy in India. It explores themes like Socio-Economic Determinants of Indian Democracy, Indian Democracy at Grass Root Level, Coalition Politics and the Politics of Agitation and violence in India, among others.

Course Outcomes:

After the completion of this course, the students will be able to:

- M POL(E)-20-iii.1 Understand the challenges arising in Indian democracy due to caste, class, language, religious and regional diversities.
- M POL(E)-20-iii.2 Develop an understanding of grassroots politics and the role of social movements in Indian democracy.
- M POL(E)-20-iii.3 Comprehend the nature of coalition politics, ruralization of politics, and politics of peripheral groups.
- M POL(E)-20-iii.4 Develop a capacity to critically analyze Indian politics and know about emerging trends in Indian democracy.

Note: The question paper will consist of nine questions. The candidate shall attempt five questions in all. Question No. 1 will be compulsory. The compulsory question will consist of four short answer type conceptual/thematic questions of equal marks (i.e. 4 marks each) spread over the whole syllabus. The Candidate shall attempt four more questions selecting at least one from each Unit. Each question will carry 16 marks.

UNIT-I: Socio-Economic Determinants of Indian Democracy: Caste, Class, Language, Religion and Region. Poverty – Policies and Programmes of its alleviation.

Legislative Behaviour; Parliamentary Vs. Presidential Model, Majoritarian Vs. Representational Parliamentary System

UNIT-II: Indian Democracy at Grass Root Level: Urban and Rural Local Government.

Social and Protest Movements in India; Social Movement and the Democratic Process, Politics of Gender Issue, Role of Women in Political Process, Dalit Politics.

UNIT-III: Coalition Politics: Nature and Bases, Experiment of Coalition Government in India, Ruralization of Politics in India, Politicization of Peripheral Groups.

UNIT-IV: Politics of Agitation cum violence in India, Problems of Nation Building and National Integration. Criminalization of Politics, Emerging Trends and Future of Democracy in India.

Suggested Readings

1. P. Brass, *The Politics of India Since Independence*, 2nd edn., Cambridge, Cambridge University Press, 1994.
2. N. Chandhoke, *Beyond Secularism : The Rights of Religious Minorities*, Delhi, Oxford University Press, 1999.
3. P. Chatterjee (ed.), *States and Politics in India*, Delhi, Oxford University Press, 1997.
4. N. Jayal (ed.), *Democracy in India*, Delhi, Oxford University Press, 2001.
5. Kohli, *Democracy and Discontent : India's Growing Crisis of Governability*, Cambridge, Cambridge University Press, 1990.
6. Kohli (ed.), *The Success of India's Democracy*, Cambridge, Cambridge University Press, 2001.
7. R. Kothari, *Politics in India*, Delhi, Orient Longman, 1970.
8. S. Kothari, *Social Movement and the Redefinition of Democracy*, Boulder Colorado, Westview Press, 1993.
9. W. H. Morris-Jones, *Politics Mainly Indian*, Delhi, Orient Longman, 1978.
10. S. Mukherjee, 'Relating Parliamentary Democracy in India,' *Denouement*, 9, January-February, 1999.
11. J. K. Ray, *Indian in Search of Good Governance*, Calcutta, K.P. Bagchi, 2001.
12. M.N. Srinivas, *Social Change in Modern India*, Bombay, Allied Publishers, 1966.
13. Varshney (ed.), *The Indian Paradox: Essays in Indian Politics*, New Delhi, Sage, 1989.

Mapping Matrix of Course M POL (E) – 20-iii

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course (M POL (E)–20-iii) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M POL (E) – 20-iii

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M POL(E)-20-iii.1	3	3	3	-	-	3	2	3	3	2	2	3
M POL(E)-20-iii.2	3	3	3	-	-	3	2	3	3	3	2	3
M POL(E)-20-iii.3	3	3	3	-	-	3	2	3	3	2	2	3
M POL(E)-20-iii.4	3	3	3	-	-	3	2	3	3	3	2	3
Average	3	3	3	-	-	3	2	3	3	2.5	2	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3: shows the CO-PSO mapping matrix for a course (M POL (E)–20-iii) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M POL (E) – 20-iii

CO	PSO 1	PSO 2	PSO 3	PSO 4
M POL(E)-20-iii.1	3	3	3	3
M POL(E)-20-iii.2	3	3	3	2
M POL(E)-20-iii.3	3	3	3	3
M POL(E)-20-iii.4	3	3	3	3
Average	3	3	3	2.75

Group-C: M POL (E) – 18-i
Government & Politics of USA-II

Credit: 04

Max. Marks: 100
Internal Marks: 20
External Marks: 80
Time: 3 Hours

Objective: The paper aims at acquainting the students with the government and politics of USA. It explores themes like Political Parties and Pressure Groups in USA, Public Opinion, Bureaucracy and Media and the State Legislative and Administrative Setup and Local Administration in the USA, among others.

Course Outcomes:

After the completion of this course, the students will be able to:

- | | |
|--------------------|---|
| M POL(E) – 18.i.1 | Comprehend the nature and functioning of political parties in USA |
| M POL(E) –18.ii.2 | Understand the dynamics of Pressure Group politics in USA |
| M POL(E) –18.ii.3 | Develop a deeper understanding of bureaucracy, media and voting behavior in USA |
| M POL(E) –18. ii.4 | Understand the functioning of state and local level administration in USA |

Note: The question paper will consist of nine questions. The candidate shall attempt five questions in all. Question No. 1 will be compulsory. The compulsory question will consist of four short answer type conceptual/thematic questions of equal marks (i.e. 4 marks each) spread over the whole syllabus. The Candidate shall attempt four more questions selecting at least one from each Unit. Each question will carry 16 marks.

UNIT-I Political Parties: Nature, Principles, Working & Role in US System.

UNIT-II Pressure Groups: Working, Nature, Composition & Role.

UNIT-III Public Opinion, Bureaucracy, Media, Voting Behaviour.

UNIT-IV State Legislative and Administrative Setup and Local Administration in the USA.

Suggested Readings

1. Shafter, *Political Parties and the State*, 1994.
2. Fowler, Linda, *Candidates, Congress, and the American Democracy*, 1993.
3. Torres-Gill, *The New Aging: Politics and Change in America*, 1992.
4. Galbraith, J. *The Culture of Contentment*, 1992.
5. Wald, Kenneth, *Religion and Politics in the United States*, 1992.
6. Updike, John. *Memories of the Ford Administration*, 1992.
7. Hartz, Louis, *The Liberal Tradition in America*, 1991.
8. Jacobson, Gary, *The electoral origins of divided government*, 1990.
9. Maisel, Louis, *The Parties Respond: Changes in the American Party System*, 1990.
10. Weisbrot, *Freedom Bound: A History of America's Civil Rights Movement*, 1990.
11. Adoni, Hanna, *Social Conflict and Television News*, 1990.

Mapping Matrix of Course M POL (E) – 18-i

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course (M POL (E)–18-i) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M POL (E) – 18-i

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M POL(E)-18-i.1	3	3	3	-	-	3	2	3	3	2	2	3
M POL(E)-18-i.2	3	3	3	-	-	3	3	3	3	2	2	3
M POL(E)-18-i.3	3	3	3	-	-	3	3	3	3	2	2	3
M POL(E)-18-i.4	3	3	3	-	-	3	2	3	3	2	2	3
Average	3	3	3	-	-	3	2.5	3	3	2	2	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3: shows the CO-PSO mapping matrix for a course (M POL (E)–18-i) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M POL (E) – 18-i

CO	PSO 1	PSO 2	PSO 3	PSO 4
M POL(E)-18-i.1	3	3	3	2
M POL(E)-18-i.2	3	3	3	2
M POL(E)-18-i.3	3	3	3	3
M POL(E)-18-i.4	2	3	3	3
Average	2.75	3	3	2.5

Group-C: M POL(E) – 19-ii
USA and the World-II

Credit: 04

Max. Marks: 100
Internal Marks: 20
External Marks: 80
Time: 3 Hours

Objective: The paper aims to acquaint the students with the role of the US in International Affairs. It explores themes like the role of USA in Major Global Crises, USA and Arms Control & Disarmament, USA's role in Global Economic Regimes and USA and Issues of War and Peace.

Course Outcomes:

After the completion of this course, the students will be able to:

- | | |
|-------------------|--|
| M POL (E)-19-ii.1 | Assess the role of US during major crises during the cold war. |
| M POL (E)-19-ii.2 | Develop a thorough understanding of US stance towards disarmament measures in the world. |
| M POL (E)-19-ii.3 | Understand the US strategy towards the economic regimes like IBRD, IMF, GATT and WTO. |
| M POL (E)-19-ii.4 | Familiarize themselves with the US role in peace keeping operations, collective security and human rights. |

Note: The question paper will consist of nine questions. The candidate shall attempt five questions in all. Question No. 1 will be compulsory. The compulsory question will consist of four short answer type conceptual/thematic questions of equal marks (i.e. 4 marks each) spread over the whole syllabus. The Candidate shall attempt four more questions selecting at least one from each Unit. Each question will carry 16 marks.

UNIT-I Role of USA in Major Global Crises: Cuban, Korean, Arab-Israel, Kashmir.

UNIT-II USA and Arms Control & Disarmament.

UNIT-III USA's role in Global Economic Regimes: IBRD, IMF, GATT & WTO, Globalization & Hegemony and discrimination in New World Order.

UNIT-IV USA and Issues of War and Peace: Peace Keeping, Humanitarian Interventions, Collective Security, Pre-emptive Attacks, Human Rights Concerns.

Suggested Readings

1. Dennis Kux, *India and the United States, Estranged Democracies, 1941-1991* (National Defense University Press, Washington, 1992).
2. Dennis Kux, *The United and Pakistan, 1947-2000: Disenchanted Allies* (John Hopkins University Press, Baltimore, 2001).
3. Strobe Talbott, *Engaging India: Diplomacy, Democracy and the Bomb* (Penguin, 2004).
4. Kanishkvan Sathasivam, *Uneasy Neighbors: India, Pakistan and US Foreign Policy* (Ashgate Publication, Burlington, Vt., 2005).
5. John Spanier and Steven Hook, *American Foreign Policy Since World War II* (13th Ed., Washington, D.C., Congressional Quarterly Press, 1995).
6. James David Meernik, *The Political Use of Military Force in US Foreign Policy* (Ashgate Publications, Burlington, VT., 2004).
7. Margaret P., Karns and Karen A. Mingst, eds., *The United States and Multilateral Institutions* (Boston, Unwin Hyman, 1990).
8. Bruce W., Jentleson, *American Foreign Policy: The Dynamics of Choice in the 21st Century* (New York, W.W., Norton, 2000).
9. Robert Wirsing, *Kashmir in the Shadow of War: Regional Rivalries in Nuclear Age* (Spring Books, India, 2004).

Mapping Matrix of Course M POL (E) – 19-ii

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course (M POL (E)–19-ii) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M POL (E) – 19-ii

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M POL(E)-19-ii.1	3	3	3	-	-	3	3	3	3	2	2	3
M POL(E)-19-ii.2	3	3	3	-	-	3	3	3	3	2	2	3
M POL(E)-19-ii.3	3	3	3	-	-	3	3	3	3	2	2	3
M POL(E)-19-ii.4	3	3	3	-	-	3	3	3	3	2	2	3
Average	3	3	3	-	-	3	3	3	3	2	2	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3: shows the CO-PSO mapping matrix for a course (M POL (E)–19-ii) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M POL (E) – 19-ii

CO	PSO 1	PSO 2	PSO 3	PSO 4
M POL(E)-19-ii.1	2	3	3	3
M POL(E)-19-ii.2	3	3	3	3
M POL(E)-19-ii.3	3	3	3	3
M POL(E)-19-ii.4	3	3	3	3
Average	2.75	3	3	3

Group-C: Paper- M POL(E) – 20-iii
USA and Asia Pacific

Credit: 04

Max. Marks: 100
Internal Marks: 20
External Marks: 80
Time: 3 Hours

Objective: The paper aims at acquainting the students with the nature of relationship between USA and Asia Pacific. It explores themes like USA's Traditional and Contemporary Interest in Asia Pacific, US Policy Towards South East Asian States, US Policy Towards South East Asian States and the US response to the Challenges and Problems in Asia Pacific.

Course Outcomes:

After the completion of this course, the students will be able to:

- | | |
|-------------------|--|
| M POL(E)-20-iii.1 | Analyse the US interest in the Asia-Pacific region |
| M POL(E)-20-iii.2 | Develop a thorough understanding about the US policy towards South East Asian Nation states. |
| M POL(E)-20-iii.3 | Explain and assess the US stance towards south East Asian nations in the Asia-Pacific region. |
| M POL(E)-20-iii.4 | Understand the US security concerns in the Asia-Pacific region and American response towards these concerns. |

Note: The question paper will consist of nine questions. The candidate shall attempt five questions in all. Question No. 1 will be compulsory. The compulsory question will consist of four short answer type conceptual/thematic questions of equal marks (i.e. 4 marks each) spread over the whole syllabus. The Candidate shall attempt four more questions selecting at least one from each Unit. Each question will carry 16 marks.

UNIT-I: US interest in Asia-Pacific: Traditional and Contemporary

UNIT-II: US Policy Towards South East Asian States

UNIT-III: US Policy Towards South East Asian States

UNIT-IV: US Security Concern in Australia & New Zealand and Challenges and Problems in Asia Pacific and American Response.

Suggested Readings

1. Chronis Polychroniou. "Rise and Fall of US Imperialism" *Economic and Political Weekly* 30, no. 30 (July 29, 1995),
2. Andrew Bacevich, *An American Empire* (Cambridge, MA: Harvard University Press, 2002).
3. Charles Kupchan, *The End of the American Era: US Foreign Policy and the Geopolitics of the Twenty-First Century* (New York: Knopf, 2002),
4. Chalmers Johnson, *Blowback: The Costs and Consequences of American Empire* (New York: Metropolitan Books, 2000),
5. C. George Herring, *America's Logest War: The United States and Vietnam, 1950-1975* (New York: McGraw, 1996).
6. Antony, Cordesman, *The Iraq War* (Washington, DC: Center for Strategic and International Studies, 2003).
7. Coulon, Jocelyn, *Soldiers of Diplomacy: The United Nations, Peacekeeping and the New World Order* (Toronto: University of Toronto Press, 1998).
8. Ignatieff, Michael, *Virtual War: Kosovo and Beyond* (New York: Holt, 2000).
9. Safran, Nadav, *From War to War: A Study of the Arab-Israel Confrontation 1948-97* (New York: Pegasus, 1969).
10. R.A. Cossa, *Restructuring the US-Japan Alliance*, Washington DC, CSIS Press, 1997.

Mapping Matrix of Course M POL (E) – 20-iii

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course (M POL (E)–20-iii) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M POL (E) – 20-iii

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M POL(E)-20-iii.1	3	3	3	-	-	3	2	3	3	2	2	3
M POL(E)-20-iii.2	3	3	3	-	-	3	2	3	3	2	2	3
M POL(E)-20-iii.3	3	3	3	-	-	3	2	3	3	2	2	3
M POL(E)-20-iii.4	3	3	3	-	-	3	2	3	3	2	2	3
Average	3	3	3	-	-	3	2	3	3	2	2	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3: shows the CO-PSO mapping matrix for a course (M POL (E)–20-iii) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M POL (E) – 20-iii

CO	PSO 1	PSO 2	PSO 3	PSO 4
M POL(E)-20-iii.1	2	3	3	2
M POL(E)-20-iii.2	3	3	3	3
M POL(E)-20-iii.3	3	3	3	3
M POL(E)-20-iii.4	3	3	3	3
Average	2.75	3	3	2.75

Group-D: M POL(E) – 18-i
Ancient Indian Political Thought-II

Credit: 04

Max. Marks: 100
Internal Marks: 20
External Marks: 80
Time: 3 Hours

Objective: The paper aims at acquainting the students with the core elements of ancient Indian political thought. It explores the writings and ideas of Valmiki, Vyasa and Shukra. Along with it there are sections on Theories of the origin of state, Nature of republican administration in Ancient India and Limitations of Monarchy, among others.

Course Outcomes:

After the completion of this course, the students will be able to:

- | | |
|-----------------|---|
| M POL(E)-18-i.1 | Understand the political thought of Valmiki and Vyasa. |
| M POL(E)-18-i.2 | Comprehend the political philosophy of Brahaspati, Shantiparva and Kamandaka Nitisara |
| M POL(E)-18-i.3 | Comprehend the theories of the origin of state. |
| M POL(E)-18-i.4 | Develop an understanding of ancient forms of Government (Republic & Kingship). |

Note: The question paper will consist of nine questions. The candidate shall attempt five questions in all. Question No. 1 will be compulsory. The compulsory question will consist of four short answer type conceptual/thematic questions of equal marks (i.e. 4 marks each) spread over the whole syllabus. The Candidate shall attempt four more questions selecting at least one from each Unit. Each question will carry 16 marks.

- | | |
|-----------------|---|
| UNIT-I | Valmiki and Vyasa, Shukra. |
| UNIT-II | Brahaspati, Shantiparva; Kamandaka Nitisara. |
| UNIT-III | Theories of the origin of state: Theory of property, family and Varna regarding the origin; the contract theory; Vedic popular assemblies; Sabha, Samiti, Gana & Vidatha, Kautilya's Saptanga and Mandala Theory. |
| UNIT-IV | Republics (tribal and oligarchal republics, nature of republican administration) and Kingship (forms & types: Divine theory, training of the Prince, Functions of the King, Limitation on Monarchy. |

Suggested Readings

1. A.S. Altekar, State and Government in Ancient India, Delhi, Motilal Banarsidass, 1966.
2. D.R. Bhandarkar, Some Aspects of Ancient Hindu Polity, Varanasi, Banaras Hindu University, 1963.
3. U.N. Ghoshal, A History of Hindu Political Theories, Calcutta, Oxford University Press, 1966.
4. R.P. Kangle, Kautilya's Arthashastra, Bombay, University of Bombay, 1972.
5. R.K. Mukherji, Local Government in Ancient India, Oxford, Oxford University Press, 1920.
6. B.Prasad, The State in Ancient India, Allahabad, University of Allahabad, 1960.
7. C.Radhakrishna, Kautilya's Political Ideas and Institutions, Varanasi, Chowkhamba Sanskrit Series Office, 1971.
8. B.A. Saletroe, Ancient Indian Political Thought and Institutions, Bombay, University of Bombay, 1963.
9. R. Shamasastri, Evolution of Indian Polity, Calcutta, 1920.
10. J.P.Sharma, Republics in Ancient India, London, Leiden E.J., Brill, 1968.
11. R.S. Sharma, Aspects of Political Ideas and Institutions in Ancient India, Delhi, 1959.
12. J. Spellman, The Political Theory of Ancient India, Oxford, The Clarendon press, 1964.
13. V.P. Varma, Studies in Hindu Political Thought and Its Metaphysical Foundations, Dehli, Motilal Banarsidass, 1974.

Mapping Matrix of Course M POL (E) – 18-i

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course (M POL (E)–18-i) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M POL (E) – 18-i

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M POL(E)-18-i.1	3	3	3	-	-	3	3	3	3	2	2	3
M POL(E)-18-i.2	3	3	3	-	-	3	3	3	3	2	2	3
M POL(E)-18-i.3	3	3	3	-	-	3	3	3	3	2	2	3
M POL(E)-18-i.4	3	3	3	-	-	3	3	3	3	2	2	3
Average	3	3	3	-	-	3	3	3	3	2	2	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3: shows the CO-PSO mapping matrix for a course (M POL (E)–18-i) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M POL (E) – 18-i

CO	PSO 1	PSO 2	PSO 3	PSO 4
M POL(E)-18-i.1	3	3	3	2
M POL(E)-18-i.2	3	3	3	2
M POL(E)-18-i.3	3	3	3	3
M POL(E)-18-i.4	3	3	3	3
Average	3	3	3	2.5

Group-D: M POL (E) – 19-ii
Modern Indian Political Thought-II

Credit: 04

Max. Marks: 100
Internal Marks: 20
External Marks: 80
Time: 3 Hours

Objective: The paper aims at acquainting the students with the ideas of various Modern Indian political thinkers whose work forms the core of modern Indian Political Thought. The paper identifies eight political thinkers whose writings and ideas are explored.

Course Outcomes:

After the completion of this course, the students will be able to:

- | | |
|------------------|---|
| M POL(E)-19-ii.1 | Have an analytical view about Gandhian thought. |
| M POL(E)-19-ii.2 | Understand and explain the concepts of communism in Indian context. |
| M POL(E)-19-ii.3 | Learn about concepts of party less democracy, social movement and non violence. |
| M POL(E)-19-ii.4 | Comprehend the ideas of Ambedkar and Periyar. |

Note: The question paper will consist of nine questions. The candidate shall attempt five questions in all. Question No. 1 will be compulsory. The compulsory question will consist of four short answer type conceptual/thematic questions of equal marks (i.e. 4 marks each) spread over the whole syllabus. The Candidate shall attempt four more questions selecting at least one from each Unit. Each question will carry 16 marks.

UNIT-I: Gandhi; Vinoba Bhave.

UNIT-II: M.N. Roy; Rajni Palme Dutt.

UNIT-III: Ram Manohar Lohia; Jai Prakash Narayan.

UNIT-IV: Ambedkar; Periyar.

Suggested Readings

1. A. Appadorai, Indian Political Thinking Through the Ages, Delhi Khanna Publishers, 1992.
2. J. Bandhopadhyaya, Social and Political Thought of Gandhi, Bombay, Allied, 1969.
3. R.J. Cashman, The Myth of 'Lokmanya' Tilak and Mass Politics in Maharashtra, Berkeley, University of California Press, 1975.
4. S.Ghose, Socialism, Democracy and Nationalism in India, Bombay, Allied Publishers, 1973.
5. S. Ghose, Modern Indian Political Thought, Delhi, Allied, 1984.
6. J.P. Haitheox, Communism and Nationalism in India : M.N. Roy and Comintern Policy, Princeton NJ, Princeton University Press, 1971.
7. R. Iyer, The Moral and Political Thought of Mahatma Gandhi, Delhi, Oxford University Press, 1973.
8. K.N. Kadam (ed.), Dr. B.R. Ambedkar, New Delhi, Sage, 1992.
9. K.P. Karunakaran, Indian Politics from Dababhai Naoroji to Gandhi : A Study of Political Ideas of Modern India, New Delhi, Gitanjali, 1975.
10. U. Kaura, Muslims and Indian Nationalism, New Delhi, Manohar, 1977.
11. R.M. Lohia, Marx, Gandhi and Socialism, Hyderabad, Nav Hind, 1953.
12. V.R.Mehta, Foundations of Indian Political Thought, New Delhi, Manohar, 1992.
13. V.S. Narvane, Modern Indian Thought, New Delhi, Orient Longman, 1978.
14. D.P. Roy, Leftist Politics in India : M. N. Roy and the Radical Democratic Party, Calcutta, Minerva, 1989.
15. V.P. Verma, Modern Indian Political Thought, Agra, Lakshmi Narain Aggarwal, 1974.

Mapping Matrix of Course M POL (E) – 19-ii

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course (M POL (E)–19-ii) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M POL (E) – 19-ii

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M POL(E)-19-ii.1	3	3	3	-	-	3	3	3	3	2	2	3
M POL(E)-19-ii.2	3	3	3	-	-	3	3	3	3	2	2	3
M POL(E)-19-ii.3	3	3	3	-	-	3	3	3	3	2	2	3
M POL(E)-19-ii.4	3	3	3	-	-	3	3	3	3	2	2	3
Average	3	3	3	-	-	3	3	3	3	2	2	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3: shows the CO-PSO mapping matrix for a course (M POL (E)–19-ii) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M POL (E) – 19-ii

CO	PSO 1	PSO 2	PSO 3	PSO 4
M POL(E)-19-ii.1	3	3	3	3
M POL(E)-19-ii.2	3	3	3	3
M POL(E)-19-ii.3	3	3	3	3
M POL(E)-19-ii.4	3	3	3	3
Average	3	3	3	3

Group-D: M POL(E) – 20-iii
Recent Trends in Liberalism

Credit: 04

Max. Marks: 100
Internal Marks: 20
External Marks: 80
Time: 3 Hours

Objective: The paper aims at acquainting the students with the recent trends in Liberalism. It explores the ideas of prominent Liberal Democrats and Egalitarians, Libertarians and Communitarian Liberals along with Post Modernist, Feminist and Marxist critiques of Liberalism.

Course Outcomes:

After the completion of this course, the students will be able to:

- M POL(E) – 20-iii.1 Understand the ideas of liberal democrats and egalitarians.
- M POL(E) – 20-iii.2 Develop a deeper understanding of the theory of Libertarianism.
- M POL(E) – 20-iii.3 Comprehend the ideas of Communitarian liberals.
- M POL(E) – 20-iii.4 Develop the skills to critically analyze liberal theories.

Note: The question paper will consist of nine questions. The candidate shall attempt five questions in all. Question No. 1 will be compulsory. The compulsory question will consist of four short answer type conceptual/thematic questions of equal marks (i.e. 4 marks each) spread over the whole syllabus. The Candidate shall attempt four more questions selecting at least one from each Unit. Each question will carry 16 marks.

UNIT-I Liberal Democrats and Egalitarians: C.B. Macpherson, Isaiah Berlin, Rawls, Dworkin.

UNIT-II Libertarian: Hayek, Nozick.

UNIT-III Communitarian Liberals: Walzer, Charles Taylor.

UNIT-IV Recent Critics of Liberalism: Post Modernist, Feminist and Marxists; Emerging Trends in Liberalism.

Suggested Readings

1. A. Arblaster, *The Rise and Decline of Western Liberalism*, Oxford, Blackwell, 1984.
2. R. Bellamy (ed.), *Victorian Liberalism : Nineteenth Century Political Thought and Practice*, Cambridge, Polity Press, 1990.
3. Z. Brzezinski and Staff of the Research Institute of International Change (eds.), *The Relevance of Liberalism*, Boulder Colorado, Westview Press, 1978.
4. N.Daniels (ed.), *Reading Rawls*, New York, Basic Books, 1975.
5. M.Freeden, *The New Liberalism*, Oxford and New York, Oxford University Press, 1978.
6. J. Gray, *Liberalism*, Delhi, World View, 1998.
7. A.J. Manning, *Liberalism*, London, John Dent & Sons, 1976.
8. J. Rawls, *Political Liberalism*, New York, Columbia University Press, 1993.
9. J. Rawls, *The Law of Peoples: The Idea of Public Reason Revisited*, Cambridge Massachusetts, Harvard University Press, 1999.
10. F.H. Watkins, *The Age of Ideology - Political Thought from 1750 to the Present*, New Delhi, Prentice Hall, 1961.

Mapping Matrix of Course M POL (E) – 20-iii

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course (M POL (E)–20-iii) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M POL (E) – 20-iii

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M POL(E)-20-iii.1	3	3	3	-	-	3	3	2	3	3	2	3
M POL(E)-20-iii.2	3	3	3	-	-	3	3	2	3	3	2	3
M POL(E)-20-iii.3	3	3	3	-	-	3	3	2	3	3	2	3
M POL(E)-20-iii.4	3	3	3	-	-	3	3	2	3	3	2	3
Average	3	3	3	-	-	3	3	2	3	3	2	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3: shows the CO-PSO mapping matrix for a course (POL- (E)-20-iii) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M POL (E) – 20-iii

CO	PSO 1	PSO 2	PSO 3	PSO 4
M POL(E)-20-iii.1	3	3	3	2
M POL(E)-20-iii.2	3	3	3	2
M POL(E)-20-iii.3	3	3	3	2
M POL(E)-20-iii.4	3	3	3	2
Average	3	3	3	2

DEPARTMENT OF PSYCHOLOGY
KURUKSHETRA UNIVERSITY KURUKSHETRA
(Established by the State Legislature Act XII of 1956)
("A+" Grade, NAAC Accredited)

Revised Scheme of Exam and Syllabus of M.A. Psychology
Under (Choice Based Credit System) w.e.f 2020-21 in phased manner.

Maximum Marks: - 100 Marks

Time: -3Hrs.

Theory: -80 Marks

Internal Assessment: -20 Marks (Division of Marks as given below)

One Test/Seminar/Assignment (For each Paper) : 50%

One Test/Seminar/Assignment (For each Paper) : 25%

Attendance : 25%

Marks of attendance will be given as under:

(1) 91% onwards: 5Marks

(2) 81% to 90% : 4Marks

(3) 75% to 80%: 3Marks

(4) 70% to 74% : 2* Marks

(5) 65% to 69%: 1* Marks

* For students engaged in co-curricular activities of the University
only/authenticated medical grounds duly approved by the concerned Chairperson.

Scheme of examination of the Course along with POs, PSOs, COs and Mapping Matrix

PROGRAMME OUTCOMES (POs):-

PO 1 KNOWLEDGE:- Demonstrate knowledge of historical emergence, questions asked, and distinctive contributions of the social science disciplines to the analysis of human behavior and social issues.

PO 2 PROBLEM SOLVING:- Visualize, conceptualize, articulate, and solve complex problems through experimentation and observation using theoretical framework of social science disciplines.

PO 3 CRITICAL THINKING:- Critically analyze everyday problems faced by the society, evaluate specific policy proposals, compare arguments with different conclusions to a specific societal issue, and assess the role played by assumptions in such arguments.

PO 4 SCIENTIFIC ENQUIRY:- Develop the capability of defining problems, formulate hypothesis, collect relevant data, develop empirical evidence and interpret the results of such analyses.

PO 5 USAGE OF ANALYTICAL TOOLS:- Develop the ability to apply appropriate quantitative/qualitative techniques used in social science disciplines along with ICT, software etc.

PO 6 SPECIALIZATION AND EMPLOYABILITY: - Develop deeper understanding, creativity, originality, analytical and critical skills in chosen specialized areas of social science disciplines leading to employability.

PO 7 INTERDISCIPLINARY KNOWLEDGE & ADAPTATION: Enhance the ability to integrate as well as synthesize the acquired knowledge within the social sciences and beyond.

PO 8 SELF DIRECTED LEARNING: - Develop the ability to work independently as well as effectively in the changing environment.

- PO 9 ETHICS:** Articulate and apply ethics, values and ideals that demonstrate awareness of current societal challenges.
- PO 10 LEADERSHIP:** - Build skills to work as part of a team and lead others, setting directions and formulating inspiring vision.
- PO 11 COMMUNICATION:** Communicate conclusions, interpretations and implications clearly, concisely and effectively, both orally and in writing for different types of audiences.
- PO 12 PROJECT MANAGEMENT:** - Use investigative skills necessary for conducting disciplinary- projects/ research documents/ term papers etc.

PROGRAMME SPECIFIC OUTCOMES (PSOs):-

- PSO1** Students will be able to acquire and explore understanding of different theoretical perspectives and apply them to study human behaviour.
- PSO2** Students will be able to acquire proficiencies in academics, behavioural and social spheres leading to scientific research of human interactions.
- PSO3** Students will be able to acquire proficiency in handling psychological tools and demonstrate ethical application of skills in Psychological testing, Counselling and other helping areas.
- PSO4** Students will be able to have analytical and empirical understanding of different psychological phenomena for promotion of well-being.

Revised scheme of Examination and Syllabus for M.A. Psychology under Choice Based Credit System w. e. f. 2020-21 in phased manner.

Scheme of Examination

The M. A. Psychology course will be of FOUR semesters. In each semester, there shall be four theory papers of 100 marks each (80 external + 20 internal) with 4 credits for each paper and one practical paper of 150 marks (Practical (i) 100 marks + (ii) Profiling of Equipments 50 marks) with 6 credits (4 credits + 2 credits).

Every student has to qualify 92 credits (including 4 credits for 2 open elective, i.e. 2 credits each in Semester-II and Semester-III) out of 124 credits as necessary to pass and earn the degree under the Choice Based Credit System. A student will opt for any of the two open elective papers in the Faculty of Social Sciences in Semester –II and Semester -III. The choice of open elective paper is subject to the availability of teaching faculty in the department.

The semester-wise papers are detailed as under:

M.A. (Semester-I) Psychology

The 1st Semester of M.A. Psychology would have following five papers (4 Theory + 1 Practical), all the papers are compulsory (C).

Paper No.	Nomenclature	No. of Credit	Teaching Scheme		Exam. Scheme			Time/ Duration of Exam
			L	T	T	Internal Assessment	Total	
Psy101(C)	Systems and Theories	4	4	½ hrs.	80	20	100	3 Hrs
Psy102(C)	Experimental Psychology	4	4	½ hrs.	80	20	100	3 Hrs
Psy103(C)	Social Psychology (i)	4	4	½ hrs.	80	20	100	3 Hrs
Psy104(C)	Research Methods & Statistics (i)	4	4	½ hrs.	80	20	100	3 Hrs
Psy105(C)(i)	Practical	4	3 × 12 = 36	-	100	-	100	3 Hrs
Psy105(C)(ii)	Profiling of Equipments	2		-	50	-	50	3 Hrs

M.A. (Semester-II) Psychology

The 2nd Semester of M.A. Psychology would have following five papers (4 Theory + 1 Practical), all the papers are compulsory (C).

Paper No.	Nomenclature	No. of Credit	Teaching Scheme		Exam. Scheme			Time/Duration of Exam
			L	T	T	Internal Assessment	Total	
Psy201(C)	Physiological Psychology	4	4	½ hrs.	80	20	100	3 Hrs
Psy202(C)	Cognitive Psychology	4	4	½ hrs.	80	20	100	3 Hrs
Psy203 (C)	Social Psychology (ii)	4	4	½ hrs.	80	20	100	3 Hrs
Psy204 (C)	Research Methods & Statistics (ii)	4	4	½ hrs.	80	20	100	3 Hrs
Psy205(C)(i)	Practical	4	3×2 = 36	-	100	-	100	3 Hrs
Psy205(C)(ii)	Profiling of Equipments	2		-	50	-	50	3 Hrs
OESS:Psy.1	Candidate is required to take one open elective paper other than Psychology from the common list of papers of Social Sciences (Syllabus enclosed in the end).	2	2	-	-	-	50	2Hrs

M.A. (Semester-III) Psychology

The 3rd Semester of M.A. Psychology would have four theory papers and one practical paper, all the theory papers are Optional (E) and Practical paper is compulsory (C). The students may opt for any four of the eight theory Optional papers. However, the paper(s) to be floated in any particular year would be decided by the Chairperson of the Department keeping in view the available resources.

Paper No.	Nomenclature	No. of Credit	Teaching Scheme		Exam. Scheme			Time/Duration of Exam
			L	T	T	Internal Assessment	Total	
Psy301(E)	Psychopathology	4	4	½ hrs.	80	20	100	3 Hrs
Psy302(E)	Intelligence	4	4	½ hrs.	80	20	100	3 Hrs
Psy303(E)	Industrial-Organizational Psychology (i)	4	4	½ hrs.	80	20	100	3 Hrs
Psy304(E)	Principles and Applications of Guidance	4	4	½ hrs.	80	20	100	3 Hrs
Psy305(E)	Life Span Human Development (i)	4	4	½ hrs.	80	20	100	3 Hrs
Psy306(E)	Psychometrics (i)	4	4	½ hrs.	80	20	100	3 Hrs
Psy307(E)	Personality (i)	4	4	½ hrs.	80	20	100	3 Hrs
Psy308(E)	Fundamentals of Military Psychology	4	4	½ hrs.	80	20	100	3 Hrs
Psy309(C) (i)	Practical	4	6hrs / per Group paper	-	100	-	100	3 Hrs
Psy309(C)(ii)	Profiling of Instruments	2		-	50	-	50	3 Hrs
OESS:Psy.11	Candidate is required to take one open elective paper, other than Psychology from the common list of Papers of Social Sciences of the same subject as taken in Semester-II (Syllabus enclosed in the end).	2	2	-	-	-	50	2Hrs

M.A. (Semester-IV) Psychology

The 4th Semester of M.A. Psychology would have four theory papers and one practical paper. The theory papers would be corresponding to papers opted in Semester-III, the paper of practical is compulsory.

Paper No.	Nomenclature	No. of Credit	Teaching Scheme		Exam. Scheme			Time/Duration of Exam
			L	T	T	Internal Assessment	Total	
Psy401(E)	Clinical Psychology	4	4	½ hrs.	80	20	100	3 Hrs
Psy402(E)	Creativity	4	4	½ hrs.	80	20	100	3 Hrs
Psy403(E)	Industrial Organizational Psychology (ii)	4	4	½ hrs.	80	20	100	3 Hrs
Psy404(E)	Principles and Applications of Counselling	4	4	½ hrs.	80	20	100	3 Hrs
Psy405(E)	Life Span Human Development (ii)	4	4	½ hrs.	80	20	100	3 Hrs
Psy406(E)	Psychometrics (ii)	4	4	½ hrs.	80	20	100	3 Hrs
Psy407(E)	Personality (ii)	4	4	½ hrs.	80	20	100	3 Hrs
Psy408(E)	Advanced Military Psychology	4	4	½ hrs.	80	20	100	3 Hrs
Psy409(C) (i)	Practical	4	6hrs / per Group per paper	-	100	-	100	3 Hrs
Psy409(C)(ii)	Profiling of Instruments	2		-	50	-	50	3 Hrs

M.A. (Semester-I)
Paper: Psy101(C) - SYSTEMS AND THEORIES

Credit:4
Max. Marks: 100
External Marks-80
Internal Marks-20
Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

Course Outcomes:

After the completion of this course, the students will be able to:

- Psy101(c)-1 Acquaint themselves with Psychology as science and its current status. They will have insight into Associationism and Structuralism as School of psychology.
- Psy101(c)-2 Develop insight into the antecedents, foundation and tenets of Functionalism, Behaviorism and Gestalt Psychology.
- Psy101(c)-3 Familiarize themselves with basic concepts, antecedents, and tenets of Psychoanalysis, Individual psychology and Analytical psychology.
- Psy101(c)-4 Acquaint themselves with field and S-R Theory in psychology alongwith basic concepts and contribution.

UNIT-I

Psychology as Science, current status. Nature and characteristics of systems, theories. Schools: Associationism- British empiricism, S-R relationship, tenets. Structuralism- Contribution of Wundt and Titchener, methodology, tenets.

UNIT-II

Functionalism- Antecedents, pioneers, tenets.
Behaviorism: Antecedents and foundation, methodology, tenets.
Gestalt Psychology: Antecedents and foundation, empirical work, tenets.

UNIT-III

Psychoanalysis: Antecedents and foundation, basic concepts, tenets.
Individual Psychology: Basic concepts and contribution.
Analytic Psychology: Basic concepts and Contribution.

UNIT-IV

Field theory: Lewin's life space- basic concepts and contribution; Tolman's purposive behaviorism- basic concepts and contribution.
S-R Theory: Hullian system and contribution; Skinnerian positivism; Guthrie's associationism.

Recommended Books:

Chaplin T. & Krawiec T.S. (1979). Systems and Theories of Psychology. NY: Thompson Learning.
Wolman, B.B. (1995). Contemporary Theories and Systems in Psychology. Delhi: Freeman.
Marx, M.H. & Hillix, W.A. (1978). Systems and Theories in Psychology. New Delhi: Tata McGraw-Hill.

Mapping Matrix of Course PSY101(C)

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course PSY101(C) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course PSY101(C)

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
PSY 101(C)-1	3	3	3	2	3	3	3	3	2	3	3	3
PSY101(C)-2	3	3	3	3	3	2	3	3	3	3	3	3
PSY101(C)-3	3	3	3	3	3	3	2	3	3	3	2	3
PSY101(C)-4	3	3	3	3	3	2	3	3	3	3	3	3
Average	3	3	3	2.75	3	2.5	2.75	3	2.75	3	2.75	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course PSY101(C) – assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the CoursePSY101(C)

CO	PSO 1	PSO 2	PSO 3	PSO 4
PSY101(C)-1	3	3	2	3
PSY101(C)-2	3	3	3	3
PSY101(C)-.3	3	3	3	2
PSY101(C)-4	3	3	2	3
Average	3	3	2.5	2.75

M.A. (Semester-I)
Paper: Psy102(C) - EXPERIMENTAL PSYCHOLOGY

Credit:4
Max. Marks: 100
External Marks-80
Internal Marks-20
Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

Course Outcomes:

After the completion of this course, the students will be able to:

- Psy102(C)-1 Understand the nature and historical background of Experimental Psychology and contribution of major psychologists. They will have insight into Visual and Auditory sensations.
- Psy102(C)-2 Have deep understanding of nature and various types of perceptions alongwith related concepts such as constancy and subliminal perception.
- Psy102(C)-3 Have in-depth knowledge of theoretical background and applicability of Classical and Modern psychophysics.
- Psy102(C)-4 Develop insight into process of learning and its various Paradigms. The students will be familiar with discrimination learning also.

UNIT-I

Experimental Psychology: Nature and Historical background. Experimental Method.
Contributions of Galton, Weber, Fechner, and Wundt.
Sensory Processes: Visual and Auditory - Structure and Functions of Eye and Ear.

UNIT-II

Perception: Nature, Perception of Form, Space, Movement, and Time.
Perceptual Constancy, Illusion, Subliminal Perception

UNIT-III

Psychophysics: Problems and Methods of Classical Psychophysics.
Signal Detection Theory: Basic Concepts, Assumptions, Psychophysical Procedures and Applications.

UNIT-IV

Learning: Nature, Cognitive Learning, Classical Conditioning- Phenomena, Process and Theories, Instrumental Conditioning- Appetitive and Aversive. Discrimination Learning: Phenomena and Paradigms.

Recommended Books:

D' Amato, M.R. (1970). Experimental Psychology. New Delhi: Tata McGraw-Hill.
Flaherty, C.F., Hamilton, L.W., Gendelman, R.J., & Spear, N.E. (1977). Learning and Memory. Chicago: Rand McNally.
Goldstein, E.R. (2007). Psychology of Sensation and Perception. New Delhi: Cengage Learning.
Guilford, J.P. (1954). Psychometric methods (2nded.). New Delhi: McGraw-Hill.
Kling, J.W. & Riggs, L.A. (1971). Woodworth and Schlosberg's Experimental Psychology. London: Methuen & Co.
Mazur (1989). Learning and Behaviour. New Delhi: Prentice Hall of India.
Sehiffman, H.R. (1982). Sensation and Perception: An Integrated Approach. New York: John Wiley & Sons.
Snodgrass, J.G., Berger, G.L., & Haydon, M. (1985). Human Experimental Psychology. New York: Oxford.

Mapping Matrix of Course PSY102(C)

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course PSY102(C) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course PSY102(C)

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
PSY102(C)-1	3	3	3	3	3	3	3	3	3	3	3	3
PSY102(C)-2	3	3	3	3	3	2	3	3	3	3	3	3
PSY102(C)-3	3	3	3	3	3	3	3	3	3	3	3	3
PSY102(C)-4	3	3	3	3	3	2	3	3	3	3	2	3
Average	3	3	3	3	3	2.5	3	3	3	3	2.75	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course PSY102(C) – assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the CoursePSY102(C)

CO	PSO 1	PSO 2	PSO 3	PSO 4
PSY102(C)-1	3	3	2	2
PSY102(C)-2	3	3	3	2
PSY102(C)-.3	3	3	2	3
PSY102(C)-4	3	3	2	3
Average	3	3	2.25	2.5

M.A. (Semester-I)
Paper: Psy103(C) - SOCIAL PSYCHOLOGY (i)

Credit:4
Max. Marks: 100
External Marks-80
Internal Marks-20
Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

Course Outcomes:

After the completion of this course, the students will be able to:

- Psy103(C)-1 Demonstrate the ability to articulate independently and creatively about human social behavior.
- Psy103(C)-1 Compare and contrast the research methodologies used in the scientific study of human behavior.
- Psy103(C)-1 Demonstrate the ability to understand role of social cognition in making the social inference.
- Psy103(C)-1 Describe, discuss and analyze major issues and concepts in the field of Social Psychology.

UNIT-I

Social Psychology: Nature, Historical background, Scope and New Perspectives.

Methods: Observation, Sociometry and Content analysis.

UNIT-II

Socialization: Nature, Agents and Process: Theories: Psychoanalytic, Cognitive Developmental, Social learning and Ethological.

The Self: Development, Self-presentation, Self-serving Bias and Culture and Self.

UNIT-III

Social Perception: Verbal and Nonverbal Communication, Attribution process, Impression formation.

Social Cognition: Social Inference, Emotional and Motivational biases, Schemas and Heuristics.

UNIT-IV

Attitude: Nature, Formation, Change and Consistency, and Measurement.

Prejudice and Discrimination: Nature, Sources, and Combating Prejudice.

Recommended Books:

- Baron, R.A. & Byrne, D. (2003). Social Psychology: Understanding Human Interaction (6th Ed.). New Delhi: Prentice-Hall of India.
- Baron, R.A. & Byrne, D. (2005). Social Psychology. New Delhi: Prentice-Hall of India.
- Daniel, P. & Cozby, P.C. (1983). Social Psychology. NY: Holt, Rinehart and Winston.
- Lindzey, L., & Aronson, E. (1975). The Handbook of Social Psychology (2nd Edn.), Vol. IV & V. New Delhi: Amerind Publishing Co.
- Mathur, S.S (2004). Social Psychology. Agra: Vinod Pustak Mandir.
- Myers, D.G., Sahajpal, P.R. behera, P. (2012). Social Psychology (10th Edition). New Delhi: McGraw Hill Education (India) Private Limited.
- Penrod, S. (1986). Social Psychology (2nd Ed.) New Jersey: Prentice Hall, Englewood Cliffs.
- Taylor, S.E., Peplau, L.A. & Sears, D.O. (2006). Social Psychology (12th Ed.). New Delhi: Pearson Education.

Mapping Matrix of Course PSY103(C)

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course PSY103(C) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course PSY103(C)

CO	PO	PO	PO	PO	PO	PO	PO	PO	PO	PO	PO	PO
	1	2	3	4	5	6	7	8	9	10	11	12
PSY103(C)-1	3	3	3	3	3	2	3	3	3	3	3	3
PSY103(C)-2	3	3	3	3	3	2	3	2	3	3	3	3
PSY103(C)-3	3	3	3	3	3	3	3	3	3	3	3	3
PSY103(C)-4	3	3	3	3	3	2	3	3	3	3	3	3
Average	3	3	3	3	3	2.25	3	2.75	3	3	3	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course PSY103(C) – assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the CoursePSY103(C)

CO	PSO 1	PSO 2	PSO 3	PSO 4
PSY103(C)-1	3	3	3	3
PSY103(C)-2	3	3	3	3
PSY103(C)-3	3	3	3	3
PSY103(C)-4	3	3	3	3
Average	3	3	3	3

M.A. (Semester-I)
Paper: Psy104(C) - RESEARCH METHODS AND STATISTICS (i)

Credit:4
Max. Marks: 100
External Marks-80
Internal Marks-20
Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

Non-programmable calculators and statistical tables are allowed in the examination.

Course Outcomes:

After the completion of this course, the students will be able to:

- Psy104(C)-1 Have familiarity with nature of Psychological research alongwith its approaches. They will understand different components of Research deeply.
- Psy104(C)-2 Develop insight into various types of research in the field of Psychology.
- Psy104(C)-3 Have familiarity with characteristics and applications of normal probability curve alongwith concept of Hypothesis testing and correlation with their computation.
- Psy104(C)-4 Have indepth understanding of other methods of correlations such as partial, multiple, Bi-serial and point bi-serial alongwith their computation and applications.

UNIT-I

Psychological Research: Nature, Characteristics, Univariate vs. Multivariate approach, Problem, Hypothesis, Variables - Types, Control of relevant variables.

UNIT-II

Types of Research: Experimental, Ex Post facto, Field studies, and Correlational.

UNIT-III

Normal Probability Curve: Characteristics, Applications.

Hypothesis testing: Chi-square and t-test, Significance of Mean Difference.

Correlation: Concept, Product-moment and Rank difference methods.

UNIT-IV

Other Methods of Correlation: Biserial, Point biserial, and Tetrachoric.

Partial correlation (first order), Multiple Correlation (three variables).

Recommended Books:

Garrett, H.E. (1981). *Statistics in Psychology and Education*. Bombay: Vakils.

Guilford, J.P. (1981). *Fundamental Statistics in Psychology and Education (6th Ed.)*. New Delhi: McGraw Hill.

Kerlinger, F.N. (1973). *Foundation of Behavioral Research*. New York: Holt Rinehart and Winston.

McGuigan, F.J. (1983). *Experimental Psychology: Methods of Research (4th Ed.)*. New Jersey: Prentice Hall.

Shaughnessy, J.J. & Zechmeister, E.B. (1997). *Research Methods in Psychology*. New York: McGraw Hill.

Singh, A.K. (1986). *Tests, Measurements and Research Methods in Behavioral Sciences*. New Delhi: Tata McGraw Hill.

Mapping Matrix of Course PSY104(C)

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course **PSY104(C)** assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course PSY104(C)

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
PSY104(C)-1	3	3	3	3	3	2	3	3	2	2	3	3
PSY104(C)-2	3	3	3	3	3	3	3	3	3	2	3	3
PSY104(C)-3	3	3	3	3	3	2	3	3	2	2	3	3
PSY104(C)-4	3	3	3	3	3	3	3	3	2	2	3	3
Average	3	3	3	3	3	2.5	3	3	2.25	2	3	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course PSY104(C) – assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the CoursePSY104(C)

CO	PSO 1	PSO 2	PSO 3	PSO 4
PSY104(C)-1	3	3	3	3
PSY104(C)-2	3	3	3	3
PSY104(C)-.3	3	3	3	3
PSY104(C)-4	3	3	3	3
Average	3	3	3	3

M.A. (Semester-I)
Paper:- Psy105(C)(i) – PRACTICAL

Credit:4

Max. Marks: 100

Time: 3 Hours

Note: Any 10 practicals out of the following are to be conducted and reported during the semester. One practical will be allotted to a candidate during the examination and evaluation will be based on Practical Note Book, Performance during practical examination and Viva-voce.

Course Outcomes: After the completion of this course, the students will be able to:

Psy 105 (C)(i) - 1: The students will be acquainted with various kind of apparatus and other measuring instruments.

Psy 105 (C)(i)- 2: The students will be able to design and conduct experiments on basic phenomenon.

1. Retinal Colour Zones.
2. Emert's law.
3. Figural after effect.
4. Perceptual constancy.
5. Phi-phenomenon.
6. Perception of time.
7. Autokinetic movement.
8. Experiment of classical conditioning.
9. Depth perception.
10. Weber's law.
11. SDT.
12. Muller Lyre illusion.
13. Relative effectiveness of any two methods of learning.
14. Serial position effect.
15. Incidental v/s intentional learning.
16. Discrimination learning.

M.A. (Semester-I)
Paper: Psy105(C)(ii) - PROFILING OF EQUIPMENTS

Credit:2

Max. Marks: 50

Time: 1 Hours

Course Outcomes: After the completion of this course, the students will be:

Psy 105 (C)(ii) - 1: Familiarized with different psychological instruments and tests.

Candidate is required to prepare a profile of at least 16 equipments (8 Instruments and 8 Tests), other than those included in Paper-V (i). Two equipment profiles will be allotted to a candidate during the examination and evaluation will be based on Profile Record, Report, and Viva-voce.

Mapping Matrix of Course PSY105(C)(i),(ii)

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course **PSY105(C)(i), (ii)** assuming that there are 12 POs and 3COs.

Table 2: CO-PO Matrix for the Course PSY105(C)(i),(ii)

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
PSY105(C)(i)-1	3	3	3	3	3	3	2	3	3	2	3	3
PSY105(C)(i)-2	3	3	3	3	3	3	2	3	3	2	3	3
PSY105(C)(ii)-1	3	3	2	3	3	3	3	3	2	2	3	3
Average	3	3	2.67	3	3	3	2.33	3	2.67	2	3	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course **PSY105(C)(I, (ii))** – assuming that there are 4 PSOs and 3COs.

Table 3: CO-PSO Matrix for the CoursePSY105(C)(i),(ii)

CO	PSO 1	PSO 2	PSO 3	PSO 4
PSY105(C)(i)-1	3	2	2	2
PSY105(C)(i)-2	3	2	3	3
PSY105(C)(ii)1	3	3	2	2
Average	3	2.33	2.33	2.33

M.A. (Semester-II)
Paper: Psy201(C) - PHYSIOLOGICAL PSYCHOLOGY

Credit:4
Max. Marks: 100
External Marks-80
Internal Marks-20
Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

Course Outcomes:

After the completion of this course, the students will be able to:

- Psy201(C)-1 Gain insight into nature of Physiological Psychology as a branch of Psychology and the student will also develop basic understanding of the procedures used in Physiological Psychology.
- Psy201(C)-2 Grasp the intricate structure of Nervous System and its functioning.
- Psy201(C)-3 Acquire knowledge regarding Physiological mechanism that underlie Cognition , Affect & Conative aspects of Human functioning.
- Psy201(C)-4 Gain knowledge about various Physiological Phenomena underlying various levels of consciousness.

UNIT I

Introduction: Nature and Scope. Methods of Study: Ablation and Lesion, Recording Electrical Activity of Brain. Brain Stimulation-Electrical and Chemical. Imaging Techniques.

UNIT II

Neuron: Structure, types and functions. Conduction of Nerve impulse and synaptic transmission. Structure and Functions of Central Nervous System, Peripheral Nervous System- Peripheral Somatic and Autonomic Nervous System, Endocrine System.

UNIT III

Motivation: Peripheral and Central mechanisms of Hunger, Thirst and sex.

Emotions: Central and Peripheral physiological correlates. Theories of Emotion: James-Lange, Cannon-Bard, and Papez-MacLean.

UNIT IV

Electrophysiological mechanisms associated with Learning and Memory. Sleep, Arousal and Dreaming: Nature, stages of sleep, Brain mechanisms of sleep and dreaming. Neural basis of arousal and attention.

Recommended Books:

- Bannett, T.L. (1977). Brain and Behavior. California: Brooks/Cole.
- Leukel, F. (1985). Introduction to Physiological Psychology. New Delhi: CBS Publishers.
- Levinthal, C.F. (1990). Introduction to Physiological Psychology (3rd Ed.). New Delhi: PHI.
- Morgan, T.H. & Stellar, A. (1965). Physiological Psychology. New York: McGraw Hill.
- Pinel, J.P.J. (2007). Biopsychology. New Delhi: Pearson.
- Plutchik, R. (1980). Emotion: A Psychoevolutionary Synthesis. New York: Harper and Row.
- Rosenzweig M.R. & Leiman, A.L. (1989). Physiological Psychology. New York: Random House.

Thompson, R.F. (1982). Introduction to Physiological Psychology. New York: Harper and Row.

Mapping Matrix of Course PSY201(C)

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course PSY201(C) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course PSY201(C)

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
PSY201(C)-1	3	3	3	2	3	3	3	3	2	3	3	3
PSY201(C)-2	3	3	3	3	3	2	3	3	3	3	3	3
PSY201(C)-3	3	3	3	3	3	3	2	3	3	3	2	3
PSY201(C)-4	3	3	3	3	3	2	3	3	3	3	3	3
Average	3	3	3	2.75	3	2.50	2.75	3	2.75	3	2.75	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course PSY201(C) – assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course PSY201(C)

CO	PSO 1	PSO 2	PSO 3	PSO 4
PSY201(C)-1	3	3	2	3
PSY201(C)-2	3	3	3	3
PSY201(C)-3	3	3	3	2
PSY201(C)-4	3	3	2	3
Average	3	3	2.5	2.75

M.A. (Semester-II)
Paper: Psy202(C) - COGNITIVE PSYCHOLOGY

Credit:4
Max. Marks: 100
External Marks-80
Internal Marks-20
Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

Course Outcomes:

After the completion of this course, the students will be able to:

- Psy202(C)-1 Acquaint themselves about history of cognitive psychology, understand different approaches to study cognition along with its methods.
- Psy202(C)-2 Have in-depth understanding of nature and types of attention, different models of selective attention and pattern recognition.
- Psy202(C)-3 Have familiarity with process of memory, they will understand different models of memory along with application of memory in different fields.
- Psy202(C)-4 Have acquaintance with how language is acquired, problem solving and its process along with understanding of reasoning and its types.

UNIT-I

Cognitive Psychology: Nature, Scope and Historical background.

Approaches- Top-down, Bottom-up, and Information processing,

Methods of study- Behavioral and Physiological.

UNIT-II

Attention: Nature and Information Processing.

Selective Attention: Nature, Models-Filter and Attenuation. Divided Attention.

Pattern Recognition: Nature and Theories : Template Matching, and Feature Analysis.

UNIT-III

Memory: Process, Models- Atkinson and Shiffrin, Level of Processing, and Parallel Distributed Processing.

Working Memory, Autobiographical Memory, Eye-witness Testimony, Mnemonics.

UNIT-IV

Language: Nature, Properties, and Structure. Stages of Language Acquisition.

Problem Solving: Nature and Types of Problems, Problem-Solving Cycle, Obstacles and Aids to Problem Solving.

Reasoning: Nature and Types.

Recommended Books:

Eysenck, M.W., & Keane, M.P (2000). Cognitive Psychology: A students guide, Psychology Press.

Galotti, K.M.(2000). Cognitive Psychology in and out of the Laboratory, Delhi: Thomson.

Kellogg, R.T. (2012). Fundamentals of Cognitive Psychology. Lab Angles: Sage.

Matlin, M.W. (2008), Cognition. New York: Wiley.

Solso, R.L. (2001). Cognitive Psychology, Delhi: Pearson Education.

Sternberg, R.J. (2007). Cognitive Psychology. Delhi: Thomson.

Mapping Matrix of Course PSY202(C)

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course PSY202(C) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course PSY202(C)

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
PSY202(C)-1	3	3	3	3	3	3	3	3	3	3	3	3
PSY202(C)-2	3	3	3	3	3	2	3	3	3	3	3	3
PSY202(C)-3	3	3	3	3	3	3	3	3	3	3	3	3
PSY202(C)-4	3	3	3	3	3	2	3	3	3	3	2	3
Average	3	3	3	3	3	2.5	3	3	3	3	2.75	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course PSY202(C) – assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the CoursePSY202(C)

CO	PSO 1	PSO 2	PSO 3	PSO 4
PSY202(C)-1	3	3	2	2
PSY202(C)-2	3	3	3	2
PSY202(C)-3	3	3	2	3
PSY202(C)-4	3	3	2	3
Average	3	3	2.25	2.5

M.A. (Semester-II)
Paper: Psy203(C) - SOCIAL PSYCHOLOGY (II)

Credit:4

Max. Marks: 100

External Marks-80

Internal Marks-20

Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

Course Outcomes:

After the completion of this course, the students will be able to:

- Psy203(C)-1 Demonstrate the ability to state the basic Principles of group behavior.
- Psy203(C)-2 Demonstrate the ability to how to influence the behavior of others.
- Psy203(C)-3 Understand the group processes, interpersonal relations and aggression.
- Psy203(C)-4 Understand how to promote pro-social behavior and applications of social Psychology.

UNIT-I

Group Dynamics: Structure, Functions and Classification of Groups, Group Cohesiveness and Effectiveness. Group Norms: Formation, Conformity, Social roles, and Role conflict.

UNIT-II

Leadership: Nature, Styles, Theories: Trait, Contingency, Zeitgeist, and Path goal; Leader-follower relations. Social Influence: Conformity, Compliance, and Obedience.

UNIT-III

Interpersonal Relationship: Affiliation, Conditions Promoting Affiliation, Development of Relationships. Interpersonal Attraction: Determinants and Theories: Reinforcement, Social Exchange and Equity.

Anti-Social Behavior: Aggression and Violence-Causes and Prevention.

UNIT-IV

Prosocial Behavior: Helping, determinants of helping Behavior.

Altruism: Stages of Development and Personality dispositions.

Applications of Social Psychology in Health, Law and Environment.

Recommended Books:

- Baron, R.A. & Byrne, D. (2005). Social Psychology. New Delhi: Prentice-Hall of India.
- Lindzey, L. & Aronson, E. (1975). The Handbook of Social Psychology (2nd Ed.), Vol. II, III & IV. New Delhi: Amerind Publishing Co. Pvt. Ltd., New Delhi.
- Mathur, S.S. (2004). Social Psychology. Agra: VinodPustakMandir.
- Myers, D.G. (2006). Social Psychology (8thEdn.)-Tata McGraw Hill International Editions.
- Penrod, S. (1986). Social Psychology (2ndEdn.) New Jersey: Prentice Hall, Englewood Cliffs.
- Perlman, D. & Cozby, P.C. (1983). Social Psychology, New York: CBS College Publishing Holt, Rinehart and Winston.
- Sehneider, W.F., Gruman, J.A. & Coutts, M.L. (2012). Applied Social Psychology: understanding and addressing social and practical problems (2nd Edition). New Delhi: Sage Publications India Private Limited.
- Taylor, S.E. Peplau, L.A. & Sears, D.O. (2006). Social Psychology (12th Ed.). New Delhi: Pearson Education.

Mapping Matrix of Course PSY203(C)

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course **PSY203(C)** assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course PSY203(C)

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
PSY203(C)-1	3	3	3	3	3	2	3	3	3	3	3	3
PSY203(C)-2	3	3	3	3	3	2	3	2	3	3	3	3
PSY203(C)-3	3	3	3	3	3	3	3	3	3	3	3	3
PSY203(C)-4	3	3	3	3	3	2	3	3	3	3	3	3
Average	3	3	3	3	3	2.25	3	2.75	3	3	3	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course PSY203(C) – assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the CoursePSY203(C)

CO	PSO 1	PSO 2	PSO 3	PSO 4
PSY203(C)-1	3	3	3	3
PSY203(C)-2	3	3	3	3
PSY203(C)-.3	3	3	3	3
PSY203(C)-4	3	3	3	3
Average	3	3	3	3

M.A. (Semester-II)
Paper: Psy204 (C) - RESEARCH METHODS AND STATISTICS (ii)

Credit:4
Max. Marks: 100
External Marks-80
Internal Marks-20
Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

Non-programmable calculators and statistical tables are allowed in the examination.

Course Outcomes:

After the completion of this course, the students will be able to:

- Psy204(C)-1 Have indepth knowledge regarding research designs and their types alongwith their applicability.
- Psy204(C)-2 Have familiarity with process of sampling and its techniques alongwith major methods of data collection.
- Psy204(C)-3 Have acquaintance with two major statistical analyses i.e ANOVA and Regression with their computation and Interpretation.
- Psy204(C)-4 Have in-depth understanding of major non-parametric statistics which can be used to analyze data and their interpretation.

UNIT-I

Research Design: Criteria and Principles, Between Groups and Within Groups Designs: Single factor and Factorial. Quasi-experimental designs: Non equivalent comparison groups and Time series designs.

UNIT-II

Sampling: Basic Principles, Probability and Non-Probability sampling techniques.

Data Collection Techniques: Case Study, Observation, Interview, Questionnaire.

UNIT-III

Analysis of Variance: Basic Concepts, One way ANOVA (Separate and Repeated measures), Two-way ANOVA (Separate groups), Analysis of Trends. Regression Prediction (bivariate).

UNIT-IV

Nonparametric statistics: Sign Test, Wilcoxon Signed Ranks Test, Mann-Whitney U-Test, Median Test, Kendall Coefficient of Concordance.

Recommended Books:

- Anastasi, A. (1980). *Psychological Testing*. London: McMillan.
- Broota, K.D. (1989). *Experimental Design in Behavioral Research*. New Delhi: Wiley Eastern.
- Kerlinger, F.N. (1973). *Foundation of Behavioral Research*. New York: Holt Rinehart and Winston.
- McGuigan, F.J. (1983). *Experimental Psychology: Methods of research (4th Ed.)*. New Jersey: Prentice Hall.
- Shaughnessy, J.J. & Zechmeister, E.B. (1997). *Research Methods in Psychology*. New York: McGraw Hill.
- Siegel, S. & Castellan, N.J. (1988). *Nonparametric statistics for the behavioral sciences*. Kogakusha: McGraw Hill.
- Singh, A.K. (1986). *Tests, measurements and research methods in behavioral sciences*. New Delhi: Tata McGraw Hill.
- Winer, B.J. (1971). *Statistical principles and experimental design*. Kogakusha: McGraw Hill.

Mapping Matrix of Course PSY204(C)

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course PSY204(C) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course PSY204(C)

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
PSY204(C)-1	3	3	3	3	3	2	3	3	2	2	3	3
PSY204(C)-2	3	3	3	3	3	3	3	3	3	2	3	3
PSY204(C)-3	3	3	3	3	3	2	3	3	2	2	3	3
PSY204(C)-4	3	3	3	3	3	3	3	3	2	2	3	3
Average	3	3	3	3	3	2.5	3	3	2.25	2	3	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course PSY204(C) – assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the CoursePSY204(C)

CO	PSO 1	PSO 2	PSO 3	PSO 4
PSY204(C)-1	3	3	3	3
PSY204(C)-2	3	3	3	3
PSY204(C)-.3	3	3	3	3
PSY204(C)-4	3	3	3	3
Average	3	3	3	3

M.A. (Semester-II)
Paper: Psy205(C)(i) – PRACTICAL

Credit:4
Max. Marks:
Time: 3 Hours

Note: Any 10 practicals out of the following are to be conducted and reported during the semester. One practical will be allotted to a candidate during the examination and evaluation will be based on Practical Note Book, Performance during practical examination and Viva-voce.

Course Outcomes: After the completion of this course, the students will be able to:

Psy 205 (C)(i) - 1: The students will be acquainted with various kind of apparatus and other measuring instruments.

Psy 205 (C)(i)- 2: The students will be able to design and conduct experiments on basic phenomenon.

1. Study of STM.
2. Retroactive inhibition.
3. Schedule of reinforcement (instrumental conditioning).
4. Choice reaction time.
5. Selective listening
6. Reminiscence
7. Comparison of any two methods of memory
8. Problem solving.
9. Set in thinking.
10. Creativity test.
11. Concept formation
12. Galvanic skin response.
13. Study of emotions (Facial expression).
14. Zeigarnic effect.
15. Measurement of motives.
16. Projective test of personality.

M.A. (Semester-II)
Paper: Psy205(C)(ii) - PROFILING OF EQUIPMENTS

Credit:2
Max. Marks: 50
Time: 1 Hours

Course Outcomes: After the completion of this course, the students will be:

Psy 205 (C)(ii) - 1: Familiarized with different psychological instruments and tests.

Candidate is required to prepare a profile of at least 16 equipments (8 Instruments and 8 Tests), other than those included in Paper- Psy.205(C) (i). Two equipment profiles will be allotted to a candidate during the examination and evaluation will be based on Profile Record, Report, and Viva-voce.

Mapping Matrix of Course PSY205(C)(i),(ii)

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course **PSY205(C)(i), (ii)** assuming that there are 12 POs and 3COs.

Table 2: CO-PO Matrix for the Course PSY205(C)(i), (ii)

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
PSY205(C)(i)-1	3	3	3	3	3	3	2	3	3	2	3	3
PSY205(C)(i)-2	3	3	3	3	3	3	2	3	3	2	3	3
PSY205(C)(ii)-1	3	3	2	3	3	3	3	3	2	2	3	3
Average	3	3	2.67	3	3	3	2.33	3	2.67	2	3	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course PSY205(C)(i) – assuming that there are 4 PSOs and 3COs.

Table 3: CO-PSO Matrix for the CoursePSY205(C)(i), (ii)

CO	PSO 1	PSO 2	PSO 3	PSO 4
PSY205(C)(i)-1	3	2	2	2
PSY205(C)(i)-2	3	2	3	3
PSY205(C)(ii)-1	3	3	2	2
Average	3	2.33	2.33	2.33

M.A. (Semester-III)
Paper: Psy301(E) - PSYCHOPATHOLOGY

Credit:4
Max. Marks: 100
External Marks-80
Internal Marks-20
Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.
Course Outcomes:

After the completion of this course, the students will be able to:

- Psy301(E)-1 Understand psychopathology from different approaches alongwith modern classifications of psychological disorders.
- Psy301(E)-2 Have familiarity with major neuro-developmental disorders prevalent in the populations alongwith their etiology and clinical picture.
- Psy301(E)-3 Have acquainted with symptomatology and etiology of schizophrenic, bipolar and depressive disorders.
- Psy301(E)-4 Have acquaintance with major anxiety and obsessive-compulsive disorders.

UNIT-I

Psychopathology: Nature and Theoretical Approaches–Biological, Psychodynamic, Behavioral, Cognitive, and Humanistic-Existential. Classification of Abnormal Behavior: Purpose. Classification Systems – DSM 5 and ICD 11.

UNIT-II

Clinical Patterns, Symptoms, and Causes of Neuro-developmental Disorders: Intellectual Disabilities, Communication Disorders, Autism Spectrum Disorder, and Attention Deficit / Hyperactivity Disorder.

UNIT-III

Clinical Patterns, Symptoms, and Causes of Schizophrenia Spectrum and other related disorders: Schizotypal Personality Disorder, Delusional Disorders, and Schizophrenia. Bipolar Disorders: Bipolar I and II. Depressive Disorders: Disruptive Mood Dysregulation Disorder, and Major Depressive Disorder.

UNIT-IV

Clinical Patterns, Symptoms, and Causes of Anxiety Disorders: Separation Anxiety Disorder, Specific Phobia, Social Anxiety Disorder, Panic Disorder, and Generalized Anxiety Disorder. Obsessive-Compulsive Disorder, and Body Dysmorphic Disorder.

Recommended Books:

- Adams, H.E. & Sutker, P.B. (2001). Comprehensive Handbook Of Psychopathology. NY: Kluwer Academic.
- APA's (1996). Diagnostic and Statistical Manual-IV^{TR}. New Delhi: Jaypee Brothers.
- Carson, R.C., Butcher, T.N., & Susan, M. (2001). Abnormal Psychology and Modern Life (11th Ed.). New York: Harper Collins.
- ICD-10. Casebook: The many faces of mental disorders. New Delhi: Jaypee.
- Hales, R.E., Yudofsky, S.C. & Talbott, J.A. (1999). Textbook of Psychiatry Vol.I&II. Washington: American Psychiatric Press.
- Irwin, B.W. (1976). Clinical Methods in Psychology. NY: Willey Interscience.
- Kaplan, H.I. & Sedock, B.J. (1983) Modern Synopsis of Psychiatry. Baltimore: Williams and Wilkins.
- Kolb, L.C. & Brodie, H.K.H. (1982). Modern Clinical Psychiatry. (10th Ed.). London: Saunders.

Mapping Matrix of Course PSY301(E)

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course **PSY301(E)** assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course PSY301(E)

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
PSY301(E)-1	3	3	3	3	2	3	2	3	3	2	3	3
PSY301(E)-2	3	3	3	2	2	3	2	3	3	2	3	3
PSY301(E)-3	3	3	3	2	2	3	2	3	3	2	3	3
PSY301(E)-4	3	3	3	2	2	3	2	3	3	2	3	3
Average	3	3	3	2.25	2	3	2	3	3	2	3	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course PSY301(E) – assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the CoursePSY301(E)

CO	PSO 1	PSO 2	PSO 3	PSO 4
PSY301(E)-1	3	3	3	3
PSY301(E)-2	3	3	3	3
PSY301(E)-.3	3	3	3	3
PSY301(E)-4	3	3	3	3
Average	3	3	3	3

M.A. (Semester-III)
Paper: Psy302(E) - INTELLIGENCE

Credit:4
Max. Marks: 100
External Marks-80
Internal Marks-20
Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

Course Outcomes:

After the completion of this course, the students will be able to:

- Psy302(E)-1 Understand genetic and environmental influences on intelligence alongwith their social and gender differences.
- Psy302(E)-2 Have indepth understanding of traditional theories of intelligence i.eThurstone, Guilford,Cattell etc.
- Psy302(E)-3 Understand the current theories of intelligence including the concept of emotional intelligence.
- Psy302(E)-4 Have knowledge regarding issues like psychometric and biological measurements alongwith relation of reaction time with intelligence.

UNIT-I

Intelligence: Nature, Historical views, Neurological Foundation, Genetic Basis, Environmental Influences. Racial and Gender differences.

UNIT-II

Theories: Spearman, Thurstone, Guilford, Cattell, Horn, Carroll.

UNIT-III

Theories: Jensen, Das, Eysenck, Sternberg, Gardner, Emotional Intelligence.

UNIT-IV

Measurement of Intelligence: Issues and approaches- Psychometric Tests, Biological measures- Brain size volume, EEG and Related measures, Reaction Time.

Recommended Books:

- Anastasi, A. (1988). Psychological testing (6thEd.).New York: McMillan.
- Cattell, R.B. (1987). Intelligence: Its Structure, Growth, and Action. North Holland: Amsterdam.
- Eysenck, H.J. (1982). A Model for Intelligence.New York: Springer-Verlag.
- Guilford, J.P. (1967). The nature of Human Intelligence.New York: McGraw Hill.
- Sternberg, R.J. (1982). Advances in the Psychology of Human Intelligence (Vol.1.).NJ: Erlbaum.
- Sternberg, R.J. (2003). Handbook of Human Intelligence.London: CambridgeUniversity Press.
- Sternberg, R.J. (1990). Metaphors of Mind: Conceptions of the Nature of Intelligence. London: Cambridge University Press.
- Sternberg, R.J.&Berg, C.A. (1992). Intellectual Development.London: Cambridge University Press.
- Sternberg, R.J. &Grigorenko, E. (1997).Intelligence, Heredity, and Environment. London: ambridgeUniversity Press.
- Wolman, B.B. (1985). Handbook of Intelligence: Theories, Measurements and Applications. New York: John Wiley & Sons.

Mapping Matrix of Course PSY302(E)

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course PSY302(E) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course PSY302(E)

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
PSY302(E)-1	3	2	3	3	2	3	3	3	2	2	3	3
PSY302(E)-2	3	3	3	3	2	3	3	3	3	2	3	3
PSY302(E)-3	3	3	3	3	2	3	3	3	3	2	3	3
PSY302(E)-4	3	3	3	3	2	3	3	3	3	2	3	3
Average	3	2.75	3	3	2	3	3	3	2.75	2	3	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course PSY302(E) – assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the CoursePSY302(E)

CO	PSO 1	PSO 2	PSO 3	PSO 4
PSY302(E)-1	3	3	2	3
PSY302(E)-2	3	3	2	3
PSY302(E)-3	3	3	2	3
PSY302(E)-4	3	3	2	3
Average	3	3	2	3

M.A. (Semester-III)
PAPER: Psy303(E) - INDUSTRIAL-ORGANIZATIONAL PSYCHOLOGY (i)

Credit:4
Max. Marks: 100
External Marks-80
Internal Marks-20
Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

Course Outcomes:

After the completion of this course, the students will be able to:

- Psy303(E)-1 Describe the major fields and contemporary challenges of I-O Psychology.
- Psy303(E)-2 Describe complicated system at work place.
- Psy303(E)-3 Connect the basic principles of I-O Psychology to personnel selection, organizational commitment, work motivation etc.
- Psy303(E)-4 Acquire the knowledge about job satisfaction, burnout and motivation.

UNIT-I

Introduction: Nature, historical background, fields, and contemporary challenges. Behavior in organizations: Consistency vs. individual differences; classical, contingency, and X-Y theory.

UNIT-II

Job analysis: Objectives, methods; Job evaluation: Importance, methods. Personnel selection: Setting personnel specifications and criteria, methods of assessment.
Personnel training: Principles, types, methods, evaluation of training effectiveness.

UNIT-III

Job and work environment: Human factors in job design, job enrichment; work environment, Hawthorne studies. Accidents and safety. Human performance: Time and motion studies, principles of performance, performance evaluation and appraisal.

UNIT-IV

Work related attitudes: Job satisfaction- antecedents and consequences; organisational commitment- types, antecedents and consequences; burnout, turnover and absenteeism. Work motivation: Basic concepts, motivational practices and incentives, Theories- Two-factor, ERG, Equity.

Recommended Books:

- Blum, M. L. & Naylor, J. C. (1984). Industrial Psychology: Its theoretical and social foundations. New Delhi: CBS Publishers.
- Colquitt, J.A., LePine, J.A., & Wesson, M.J. (2011). Organizational Behavior. New Delhi: Tata McGraw Hill.
- Gosh, P.K. & Gorpande, M.B. (1986). Industrial Psychology. New Delhi: Himalaya Publication.
- Luthans, F. (2006). Organizational Behavior (11th Ed.). N.Y.: McGraw Hill.
- McMormik, E.J. & Ilgen (1980). Industrial and organizational Psychology (8th Ed.). N.J.: Prentice Hall.
- Miner, J.B. (1991). Industrial-Organizational Psychology. N.Y.: McGraw Hill.
- Mohanty, G. (1990). Industrial and Organizational Psychology. New Delhi: Oxford and IBH.

Mapping Matrix of Course Psy303(E)

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course **Psy303(E)** assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course Psy303(E)

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
Psy303(E)-1	3	3	3	2	2	3	3	3	2	3	3	3
Psy303(E) -2	3	3	3	3	2	3	3	3	2	3	3	3
Psy303(E) -3	3	3	3	3	2	3	3	3	2	3	3	3
Psy303(E) -4	3	3	3	3	2	3	3	3	2	3	3	3
Average	3	3	3	2.75	2	3	3	3	2	3	3	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course **Psy303(E)** – assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course Psy303(E)

CO	PSO 1	PSO 2	PSO 3	PSO 4
Psy303(E)-1	3	3	2	3
Psy303(E) -2	3	3	2	3
Psy303(E) -3	3	3	3	3
Psy303(E) -4	3	3	3	3
Average	3	3	2.5	3

M.A. (Semester-III)
Paper: Psy304(E) - PRINCIPLES AND APPLICATIONS OF GUIDANCE

Credit:4
Max. Marks: 100
External Marks-80
Internal Marks-20
Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

Course Outcomes:

After the completion of this course, the students will be able to:

- Psy304(E)-1 Acquire knowledge of need and applications of guidance services.
- Psy304(E)-2 Acquire knowledge regarding nature of assessment and application of different Psychological tests.
- Psy304(E)-3 Acknowledge the nature, process and techniques of group guidance and vocational guidance including different theories of vocational choice.
- Psy304(E)-4 Acquire understanding of educational and personal guidance and identify the different roles and services of guidance personnel.

UNIT-I

Guidance: Meaning, Need, Areas, Fundamental Objectives and Principles.

Guidance Services: Individual Analysis, Occupational and Educational Information, Placement and Follow Up. Organizing a Guidance Programme.

UNIT-II

Assessment in Guidance: Nature, Need, Psychological testing of Intelligence, Personality, Aptitude, Interest and achievement.

School Testing Programme, Case History, and Guidance Folder.

UNIT-III

Group Guidance: Meaning, Objectives, Process, and Techniques of Group Guidance.

Vocational Guidance: Meaning; Need, Process, Theories of Vocational Choice: Ginzberg, Holland, Super, Havighurst and Roe.

UNIT-IV

Educational Guidance: Meaning, Need, Objectives, and Functions. Guidance for Gifted and Slow Learners.

Personal Guidance: Meaning, Objectives and Process.

Guidance Personnel: Roles, Functions, Skills, and Training.

Recommended Books:

Anastasi, A. & Urbina, S. (1997). Psychological Testing. New York: McMillan.

Bernard, H.W. & Fullmer, D.W. (1977). Principles of Guidance. New York: Crowell.

Crow, L.D. & Crow, A.V.B. (1961). Introduction to Guidance: Basic Principles and Practices. New Delhi: Eurasia.

Gupta, S.K. (1985). Guidance and Counselling. Delhi: Mittal.

Miller, L.A., McIntire, S.A., & Lovler, R.L. (2011). Foundations of Psychological Testing. Los Angeles: Sage.

Pietrofesa, J.J. (1980). Guidance: Introduction. Chicago: Rand McNally.

Mapping Matrix of Course Psy304(E)

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course **Psy304(E)** assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course Psy304(E)

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
Psy304(E)-1	3	3	3	3	2	3	3	3	3	2	3	3
Psy304(E)-2	3	3	3	3	2	3	3	3	3	2	3	3
Psy304(E)-3	3	3	3	3	2	3	3	3	3	2	3	3
Psy304(E)-4	3	3	3	3	2	3	3	3	3	3	3	3
Average	3	3	3	3	2	3	3	3	3	2	3	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course **Psy304(E)**– assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course Psy304(E)

CO	PSO 1	PSO 2	PSO 3	PSO 4
Psy304(E)-1	3	3	2	3
Psy304(E)-2	3	3	2	3
Psy304(E)-3	3	3	2	3
Psy304(E)-4	3	3	2	3
Average	3	3	2	3

M.A. (Semester-III)
Paper: Psy305(E) - LIFE SPAN HUMAN DEVELOPMENT (i)

Credit:4
Max. Marks: 100
External Marks-80
Internal Marks-20
Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

Course Outcomes:

After the completion of this course, the students will be able to:

- Psy305(E)-1 Understand the nature, biological and environmental influences on development.
- Psy305(E)-2 Acknowledge different perspectives in development and research methods applied in developmental research.
- Psy305(E)-3 Understand the beginning and course of development during pre and post-natal stages and effect of various environmental and maternal factors influencing development.
- Psy305(E)-4 Appreciate the course of physical, motor and perceptual development and identification of different influencing factors.

UNIT-I

Human Development: Nature, Domains, Periods and Basic Issues of Development.
Genetic and Environmental Foundations of Development: The Nature-Nurture Debate and Cultural Influences.

UNIT-II

Theories of Development: Psychoanalytic, Behaviouristic, Social Learning, and Ecological.
Methods of Study: Systematic Observation, Interview, and Case Study.
Longitudinal, Cross-Sectional, and Cross-sequential Designs.

UNIT-III

Prenatal Development: How life begins, Major Periods in Prenatal Development, Prenatal Environmental Influences, and Maternal Factors.
Postnatal development: Birth Process, Adjustment to Postnatal Life, Complications, and Postpartum Period.

UNIT-IV

Physical Development: Course of Physical Growth, Development of Brain, Factors Affecting Physical Growth.
Motor development: Sequence of Motor Development, Gross and Fine Motor Skills.
Perceptual Development in Infancy: Touch, Taste, Smell, Hearing and Vision.

Recommended Books:

- Berk, L.E. (2003). Child Development. New Delhi: Pearson Education.
- Crain, W. (1980). Theories of Development. New Jersey: Prentice Hall.
- Hetherington M.E. & Parke, R.D. (1993). Child Psychology: A Contemporary View Point. New York: McGraw-Hill.
- Hurlock, E.B. (1997). Child Development. New Delhi: Tata McGraw-Hill.
- Santrock, J.W. (2011). Life Span Development. New Delhi: Tata McGraw-Hill.
- Shaffer, D.R. (1993). Developmental Psychology: Childhood and Adolescence. NY: Brooks/Cole.
- Srivastava, A. K. (1998). Child Development: An Indian Perspective: New Delhi: NCERT.

Mapping Matrix of Course Psy305(E)

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course **Psy305(E)** assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course Psy305(E)

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
Psy305(E)-1	3	3	3	3	2	3	3	3	3	2	3	3
Psy305(E)-2	3	3	3	3	2	3	3	3	3	2	3	3
Psy305(E)-3	3	3	3	3	2	3	3	3	3	2	3	3
Psy305(E)-4	3	3	3	3	2	3	3	3	3	2	3	3
Average	3	3	3	3	2	3	3	3	3	2	3	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course **Psy305(E)** – assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course Psy305(E)

CO	PSO 1	PSO 2	PSO 3	PSO 4
Psy305(E)-1	3	3	2	3
Psy305(E)-2	3	3	2	3
Psy305(E)-3	3	3	2	3
Psy305(E)-4	3	3	2	3
Average	3	3	2	3

M.A. (Semester-III)
Paper: Psy306(E) - PSYCHOMETRICS (i)

Credit:4
Max. Marks: 100
External Marks-80
Internal Marks-20
Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

Course Outcomes:

After the completion of this course, the students will be able to:

- Psy306(E)-1 Understand the nature and levels of Psychological measurement.
- Psy306(E)-2 Use the different psychological scaling methods.
- Psy306(E)-3 Evaluate the Psychometric strengths and weaknesses of Psychological tests.
- Psy306(E)-4 Acquire knowledge regarding estimation of reliability and validity.

UNIT-I

Psychological measurement: Nature, General theory, and Levels of measurement.

Modern Psychophysical Theory: Law of comparative judgment, Steven's power law, and Signal detection theory.

UNIT-II

Psychological scaling: Nature, Methods – Pair comparisons, Rank order, Equal appearing interval, Fractionation. Multidimensional scaling: Methods and Applications.

UNIT-III

Psychological Tests: Nature, Characteristics, Types of test scores, Theory of test scores, Speed and power problems. Theory of measurement error: Domain sampling model, Model of parallel tests.

UNIT-IV

Reliability: Meaning, Classical test theory, Methods of estimate, Reliability of speed tests, Sources of unreliability.

Validity: Meaning, Current views, Validation procedures, Factors affecting validity.

Recommended Books:

- Anastasi, A. (1988). Psychological Testing (6th Ed.). New York: McMillan.
- Guilford, J.P. (1954) Psychometric Methods (2nd Ed.) New York: McGraw-Hill.
- Gulliksen, H. (1950). The Theory of Mental Tests. NY: John Wiley.
- Miller, L.A., McIntire, S.A., & Lovler, R.L. (2011). Foundations of Psychological Testing. Los Angeles: Sage.
- Nunnally, J. (1978). Psychometrics Theory (2nd Ed.). New York: McGraw-Hill.
- Singh, A.K. (1986). Tests, Measurements and Research Methods in Behavioral Sciences. New Delhi: Tata McGraw-Hill.

Mapping Matrix of Course Psy306(E)

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course Psy306(E) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course Psy306(E)

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
Psy306(E)-1	3	3	3	3	3	3	3	3	2	2	3	3
Psy306(E)-2	3	3	3	3	3	3	3	3	2	2	3	3
Psy306(E)-3	3	3	3	3	3	3	3	3	2	2	3	3
Psy306(E)-4	3	3	3	3	3	3	3	3	2	2	3	3
Average	3	3	3	3	3	3	3	3	2	2	3	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course Psy306(E)– assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the CoursePsy306(E)

CO	PSO 1	PSO 2	PSO 3	PSO 4
Psy306(E)-1	3	3	3	2
Psy306(E)-2	3	3	3	2
Psy306(E)-3	3	3	3	2
Psy306(E)-4	3	3	3	2
Average	3	3	3	2

M.A. (Semester-III)
Paper: Psy307(E) - PERSONALITY (i)

Credit:4
Max. Marks: 100
External Marks-80
Internal Marks-20
Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

Course Outcomes:

After the completion of this course, the students will be able to:

- Psy307(E)-1 Acquire knowledge about historical development, nature and contribution of different factors in development of personality.
- Psy307(E)-2 Acquire critical understanding of structure of personality theory including Psychoanalytic theories.
- Psy307(E)-3 Appreciate contribution of Neo-Freudians and Murray.
- Psy307(E)-4 Gain insight into phenomenological and Social Cognitive perspectives of Personality.

UNIT- I

Introduction: Nature, Conceptual History; Nomothetic and Ideographic approaches; Basic Assumptions about human nature.

Genetic and environmental determinants of personality.

UNIT- II

Personality theory: Nature, components, criteria for theory.

Psychoanalytic Theories: Sigmund Freud, Alfred Adler, Carl Jung.

UNIT- III

Psychoanalytic Theories-Neo Freudian: Erik Erikson, Erich Fromm, and Karen Horney.

Henry Murray's Personology.

UNIT-IV

Phenomenological Perspective: Carl Rogers, Abraham Maslow's Humanism, George Kelly's Personal Constructs.

Albert Bandura's Social Cognitive perspective.

Recommended Books:

- Baughman, E.E. (1972). Personality: The psychological study of Individual. NJ: Prentice Hall.
- Hjelle, L.A. & Ziegler, D.J. (1992). Personality Theories: Basic Assumptions, Research, and Applications (3rd Ed.). NY: McGraw-Hill.
- Hall G.S. & Lindzey, G. (1985). Theories of Personality (3rd ed.) New Delhi: Wiley Eastern.
- Pervin, L.A. (1978). Personality Theory Assessment and Research. New York: John Wiley & Sons.
- Phares, E.J. (1991). Introduction to personality (3rd ED.). NY: Harper Collin.
- Rao, K.R., Paranjpe, A.C. & Dalal, A.K. (2008). Hand Book of Indian Psychology. Delhi: Foundation Books.

Mapping Matrix of Course PSY307(E)

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course **PSY307(E)** assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course PSY307(E)

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
Psy307(E)-1	3	3	3	3	2	3	3	3	3	2	3	3
Psy307(E)-2	3	3	3	3	2	3	3	3	2	2	3	3
Psy307(E)-3	3	3	3	3	2	3	3	3	2	2	3	3
Psy307(E)-4	3	3	3	3	2	3	3	3	2	3	3	3
Average	3	3	3	3	2	3	3	3	2.25	2.25	3	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course **PSY307(E)** – assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the CoursePSY307(E)

CO	PSO 1	PSO 2	PSO 3	PSO 4
Psy307(E)-1	3	3	3	2
Psy307(E)-2	3	3	3	2
Psy307(E)-3	3	3	3	2
Psy307(E)-4	3	3	3	2
Average	3	3	3	2

M.A. (Semester-III)
Paper: Psy308(E) - FUNDAMENTALS OF MILITARY PSYCHOLOGY

Credit:4
Max. Marks: 100
External Marks-80
Internal Marks-20
Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

Course Outcomes:

After the completion of this course, the students will be able to:

- Psy308(E)-1 Describe, discuss and analyze major issues and concepts in field of Military psychology.
- Psy308(E)-2 Administer the Psychological tests for Cognitive and Personality based assessment.
- Psy308(E)-3 Connect the basic Principles of Psychology to Personnel Selection, Training for special situations.
- Psy308(E)-4 Gain the knowledge about leadership change and stability.

Unit-I

Military Psychology: Nature, Scope, Historical perspective, Application, Developments, Contemporary issues and Emerging trends.

Unit-II

Selection, Allocation and Training: Psychological Assessment for Personnel Selection- Situational Tests- Cognitive and Personality Based Assessment, Issues and Perspectives. Selection for Special Task, Pilot Selection. Need, Types and Methods of Training.

Unit-III

Leadership in Military: Effective leadership, Leading small and large units, Leadership in Peace and War, Leadership for Change and Stability, Leadership and Subordination, Group Cohesion and Morale.

Unit-IV

Military as a Unique Organization: Structure and Functional Issues and Future Perspectives. Issues relating Special Operations, Training and Performance in Special Situations, Futuristic Warfare.

Recommended books:

Hall, R. & Mangelndroff, A.D. (1991). Handbook of Military Psychology. USA: John Wiley & Sons.
Kennedy, C.H. & Zillmer, E.A. (2006). Military Psychology: Clinical and Operational Applications. N.Y: Guilford Press.
Ramachandran, K. (in press). Handbook of Military Psychology. Delhi: DIPR.
Shalit, B. (1988). The Psychology of Conflict and Combat. N.Y: Praeger.

Mapping Matrix of Course Psy308(E)

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course **Psy308(E)** assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course Psy308(E)

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
Psy308(E)-1	3	3	3	3	3	3	3	3	3	3	3	3
Psy308(E)-2	3	3	3	3	3	3	3	3	2	2	3	3
Psy308(E)-3	3	3	3	2	3	3	3	3	2	3	3	3
Psy308(E)-4	3	3	3	2	2	3	3	3	2	3	3	3
Average	3	3	3	2.5	2.75	3	3	3	2.25	2.75	3	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course Psy308(E)– assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the CoursePsy308(E)

CO	PSO 1	PSO 2	PSO 3	PSO 4
Psy308(E)-1	3	3	3	3
Psy308(E)-2	3	3	3	2
Psy308(E)-3	3	3	3	3
Psy308(E)-4	3	3	3	3
Average	3	3	3	2.75

M.A. (Semester-III)
Paper: Psy309(C)(i) - PRACTICAL

Credit:4
Max. Marks: 100
Time: 3 Hours

Course Outcomes: After the completion of this course, the students will be able to:

Psy 309 (C)(i) - 1: Have through understanding about well-known Psychological tests.
Psy309(C)(i) Acquire knowledge of Administration, scoring and interpretation of various Psychological tests.

Note: The candidate will conduct and report three practicals from each optional paper in semester-III. Practical will be decided by the teacher teaching the paper. One practical will be allotted to a candidate during the examination and evaluation will be based on Practical Note Book (25 marks), Performance (25 marks) and Viva-voce (50 marks).

M.A. (Semester-III)
Paper: Psy309(C)(ii) - PROFILING OF INSTRUMENTS

Credit:2
Max. Marks: 50
Time: 1 Hours

Course Outcomes: After the completion of this course, the students will be able to:

Psy 309 (C)(ii) - 1: Have through understanding of different Psychological tests.

The candidate will prepare a profile of three measuring instruments from each optional paper, other than those covered in Practicals. Two instrument profiles will be allotted to a candidate during the examination and evaluation will be based on Profile Record (12 marks), Report (12 marks), and Viva-voce (26 marks).

Mapping Matrix of Course Psy309(C)(i), (ii)

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course **Psy309(C)(i), (ii)** assuming that there are 12 POs and 3COs.

Table 2: CO-PO Matrix for the Course Psy309(C)(i), (ii)

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
Psy309(C)(i)-1	3	3	3	3	3	3	3	3	3	3	3	3
Psy309(C)(i)-2	3	3	3	3	3	3	3	3	3	2	3	3
Psy309(C)(ii)-1	3	3	3	3	3	3	3	3	3	3	3	3
Average	3	3	3	3	3	3	3	3	3	2.67	3	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course Psy309(C)(i)– assuming that there are 4 PSOs and 3COs.

Table 3: CO-PSO Matrix for the Course Psy309(C)(i)

CO	PSO	PSO 2	PSO 3	PSO 4
Psy309(C)(i)-1	3	3	3	3
Psy309(C)(i)-2	3	3	3	3
Psy309(C)(ii)-1	3	3	3	3
Average	3	3	3	3

M.A. (Semester-IV)
Paper: Psy401(E) - CLINICAL PSYCHOLOGY

Credit:4
Max. Marks: 100
External Marks-80
Internal Marks-20
Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

Course Outcomes:

After the completion of this course, the students will be able to:

- Psy401(E)-1 Understand the evolution and current status of Clinical Psychology alongwith roles and training of Clinical psychologist.
- Psy401(E)-2 Have indepth knowledge of both qualitative and quantitative assessment tools used in the field of Clinical Psychology.
- Psy401(E)-3 Have familiarity with Psychotherapy in general and traditional Psychotherapies in specific.
- Psy401(E)-4 Acquainted with therapies based on different intervention models.

UNIT-I

Clinical Psychology: Nature and Evolution, Professional Issues: Roles, Ethics, and Training. Current Debates.

UNIT-II

Clinical Assessment: Case History, Clinical Interview, Psychological Tests – MMPI, Rorschach Inkblot Test, and Wechsler Adult Intelligence Scale. Neuropsychological Assessment.

UNIT-III

Clinical Intervention: Nature and Goals of Psychotherapy. Psychoanalysis, Hypnosis, Behavior therapy, and Gestalt Therapy.

UNIT-IV

Clinical Intervention: Cognitive-Behavior Therapy (Beck), Rationale Emotive Behavior Therapy, Client-centered Therapy, Family Therapy, and Group Therapy.

Recommended Books:

- Hales, R.E., Yudofsky, S.C. & Talbott, J.A. (1999). Textbook of Psychiatry Vol.I&II. Washington: American Psychiatric Press.
- Kendall. (1980). Modern Clinical Psychology. NY: Willey.
- Kolb. L.C. & Brodie, H.K.H. (1982). Modern Clinical Psychiatry. (10th Ed.). London: Saunders.
- Korchin, S.J. (1975). Modern Clinical Psychology. NY: Basic Books.
- Pomerantz, A.M. (2008). Clinical Psychology: Science, Practice, and Culture. Los Angeles: Sage.
- Richard, D.C.S. & Huprich, S.K. (2009). Clinical Psychology: Assessment, Treatment, and Research. NY: Academic Press.
- Wolberg, L.R. (1988). The Techniques of Psychotherapy (Vol. 1 & 2). London: Jason Aronson Inc.
- Wolman, B.B. (1965). Handbook of clinical Psychology, New York: McGraw Hill.

Mapping Matrix of Course Psy401(E)

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course **Psy401(E)** assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course Psy401(E)

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
Psy401(E)-1	3	3	3	3	2	3	2	3	3	2	3	3
PSY401(E)-2	3	3	3	2	2	3	2	3	3	2	3	3
Psy401(E)-3	3	3	3	2	2	3	2	3	3	2	3	3
PSY401(E)-4	3	3	3	2	2	3	2	3	3	2	3	3
Average	3	3	3	2.25	2	3	2	3	3	2	3	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course **Psy401(E)**– assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course Psy401(E)

CO	PSO 1	PSO 2	PSO 3	PSO 4
Psy401(E)-1	3	3	3	3
PSY401(E)-2	3	3	3	3
Psy401(E)-3	3	3	3	3
PSY401(E)-4	3	3	3	3
Average	3	3	3	3

Paper: Psy402(E) - CREATIVITY

Credit:4

Max. Marks: 100

External Marks-80

Internal Marks-20

Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

Course Outcomes:

After the completion of this course, the students will be able to:

- Psy402(E)-1 Demonstrate an understanding to compare and contrast the approaches to creativity.
- Psy402(E)-2 Assess creativity through various Psychological test and their interpretation.
- Psy402(E)-3 Develop programs and strategies to enhance creativity.
- Psy402(E)-4 Able to know the current status of creativity research.

UNIT-I

Creativity: Nature, Historical views. Theories: Psychodynamic, Humanistic, Developmental, Psychometric, Stage and Componential Process, Cognitive, Evolutionary, Topological, Systems.

UNIT-II

Factors Affecting Creativity: Genetic, Neurobiological, and Sociocultural.

Assessment of Creativity: Projective- Inkblot, Word Association; Psychometric Batteries-Torrance, Guilford.

UNIT-III

Current research: Creativity and Intelligence, Creativity and Personality, Creativity and Motivation, Creativity and Culture.

UNIT-IV

Creativity in everyday life, creativity in organization and education, creativity in artwork, creativity in eminent people.

Enhancing Creativity: Programs and Strategies.

Recommended Books:

Anastasi, A. (1988). Psychological Testing (6th Ed.). NY: McMillan.

Kaufman, J.C. (2009). Creativity 101. NY: Springer.

Kaufman, J.C. & Sternberg, R.J. (2010). The Cambridge Handbook of Creativity. NY: Cambridge University Press.

Rickards, T., Runco, M.A. & Moger, S. (2009). The Routledge Companion to Creativity. London: Routledge.

Runco, M.A. (2007). Creativity Theories and Themes: Research Development and Practice. NY: Academic Press.

Sternberg, R.J. (1999). Handbook of Creativity. NY: Cambridge University Press.

Torrance, E.P. (1965). Rewarding Creative Behavior, NJ: Prentice Hall.

Mapping Matrix of Course Psy402(E)

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course **Psy402(E)** assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course Psy402(E)

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
Psy402(E)-1	3	2	3	3	2	3	3	3	2	2	3	3
PSY402(E)-2	3	3	3	3	2	3	3	3	3	2	3	3
Psy402(E)-3	3	3	3	3	2	3	3	3	3	2	3	3
PSY402(E)-4	3	3	3	3	2	3	3	3	3	2	3	3
Average	3	2.75	3	3	2	3	3	3	2.75	2	3	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course Psy402(E)– assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the CoursePsy402(E)

CO	PSO 1	PSO 2	PSO 3	PSO 4
Psy402(E)-1	3	3	2	3
PSY402(E)-2	3	3	2	3
Psy402(E)-3	3	3	2	3
PSY402(E)-4	3	3	2	3
Average	3	3	2	3

M.A. (Semester-IV)
Paper: Psy403(E) - INDUSTRIAL-ORGANIZATIONAL PSYCHOLOGY (ii)

Credit:4
Max. Marks: 100
External Marks-80
Internal Marks-20
Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

Course Outcomes:

After the completion of this course, the students will be able to:

- Psy403(E)-1 Have a basic understanding of the organizational structure and culture.
- Psy403(E)-2 Acquire knowledge regarding the communication process and method to improve communication.
- Psy403(E)-3 Acquire knowledge of group dynamics and team including leadership.
- Psy403(E)-4 Acquire the knowledge about organizational conflict, change and development in organization.

UNIT-I

Organisational Structure: Basic Concepts, Types, Classical and Modern Theory. Modern Organisational Designs. Organisational Culture: Nature, Types, Creating, Maintaining, and Changing a Culture.

UNIT-II

Communication: Basic Communication Process, Formal and Informal, Fayol's, Barnard's, and Modern Perspective, Methods to Improve Communication.
Decision Making: Process, Techniques, Models – Economic Rationality, Social, Bounded Rationality.

UNIT-III

Group Dynamics and Teams: Types of Groups, Dynamics of Informal and Formal Groups. Teams: Characteristics, Types, Team Building, Team Effectiveness.

Leadership: Nature, Styles, Role and Activities, Theories: Trait, Exchange, Contingency, and Path-Goal.

UNIT-IV

Organizational Conflict: Nature, causes, conflict resolution and management.

Organizational change and development: Nature of change process, resistance, strategic planning, approaches to managing change.

Recommended Books:

- Colquitt, J.A., LePine, J.A., & Wesson, M.J. (2011). Organizational Behavior. New Delhi: Tata McGraw-Hill.
- Luthans, F. (2006). Organizational Behavior (11th Ed.). NY: McGraw-Hill.
- McMormik, E.J. & Ilgen (1980). Industrial and Organizational Psychology (8th Ed.). NJ: Prentice Hall.
- McShane, S.L., Glinow, M.A.V., & Sharma, R.R. (2011). Organizational Behavior. New Delhi: Tata McGraw-Hill.
- Miner, J.B. (1991). Industrial-Organizational Psychology. NY: McGraw-Hill.
- Robbins, S.P. (1993). Organizational Behavior: Concepts controversies, and applications (6th Ed.). New Delhi: Prentice-Hall of India.

Mapping Matrix of Course Psy403(E)

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course **Psy403(E)** assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course Psy403(E)

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
Psy403(E)-1	3	3	3	2	2	3	3	3	2	3	3	3
PSY403(E)-2	3	3	3	3	2	3	3	3	2	3	3	3
Psy403(E)-3	3	3	3	3	2	3	3	3	2	3	3	3
PSY403(E)-4	3	3	3	3	2	3	3	3	2	3	3	3
Average	3	3	3	2.75	2	3	3	3	2	3	3	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course **Psy403(E)**– assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the CoursePsy403(E)

CO	PSO 1	PSO 2	PSO 3	PSO 4
Psy403(E)-1	3	3	2	3
PSY403(E)-2	3	3	2	3
Psy403(E)-3	3	3	3	3
PSY403(E)-4	3	3	3	3
Average	3	3	2.5	3

M.A. (Semester-IV)

Paper: Psy404(E) - PRINCIPLES AND APPLICATIONS OF COUNSELLING

Credit: 4
Max. Marks: 100
External Marks-80
Internal Marks-20
Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

Course Outcomes:

After the completion of this course, the students will be able to:

- Psy404(E)-1 Acquire understanding of the meaning and process of Counselling including personal and professional aspects of a counsellor.
- Psy404(E)-2 Understand different approaches of counselling and acquire knowledge regarding assessment methods and professional skills of Counsellor.
- Psy404(E)-3 Acquire knowledge related to therapeutic techniques of counselling including school and community Counselling.
- Psy404(E)-4 Identify diverse applications of counselling including ethical and legal issues in practice.

UNIT-I

Counselling Nature, Need and Emergence of Counselling as a Profession.
Skills, Training and Traditional Activities of Counsellor. Counselling Process: Establishing Structure, Therapeutic Environment and Strategy.

UNIT-II

Counselling Approaches: Directive, Non-Directive, and Eclectic.
Assessment in Counselling: Meaning, Purpose, and Types of Assessment.
Counselling Skills: Listening and Attending Skills.

UNIT-III

Counselling Techniques: Sensitivity Training, Transactional Analysis, Assertive Training, Relaxation Training, Mindfulness and Psychodrama.
School and Community Counselling.

UNIT-IV

Counselling Applications: Counselling for Parents and Children, Counselling for Special Populations- Substance Abusers, AIDS Patients, Abuse Victims, Women, Older Adults and Differentially Abled People.
Ethical and Legal Issues in Counselling Practice.

Recommended Books:

Gelso, C. J. & Fretz, B.R. (2000). Counselling Psychology (2nd Ed.). London: Wadsworth.
Gibson, R.L. (2005). Introduction to Counselling and Guidance. New Delhi: Pearson Education.
Nystul, M.S. (2001). Introduction to Counselling, New Mexico State University: Allyn and Bacon.
Palmer, S. & McMohan, G. (1997). Handbook of Counselling Psychology, London: British Association for Counselling.
Pietrofesa, J.J. et al. (1978). Counselling: Theory, Research, and Practice. Chicago: Rand McNally.
Rao S.N. (2001). Counselling Psychology. New Delhi: Tata McGraw-Hill.
Shertzer, N. & Stone, S.C. (1971). Fundamentals of Counselling (2nd Ed.). Boston: Houghton Mifflin.
Whiston, S.C. (2009). Principles and Applications of Assessment in Counselling (3rd Ed). NY: Cengage Learning.

Mapping Matrix of Course PSY404(E)

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course **PSY404(E)** assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course PSY404(E)

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
PSY404(E)-1	3	3	3	3	2	3	3	3	3	2	3	3
PSY404(E)-2	3	3	3	3	2	3	3	3	3	2	3	3
PSY404(E)-3	3	3	3	3	2	3	3	3	3	2	3	3
PSY404(E)-4	3	3	3	3	2	3	3	3	3	3	3	3
Average	3	3	3	3	2	3	3	3	3	2	3	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course PSY404(E) – assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course PSY404(E)

CO	PSO 1	PSO 2	PSO 3	PSO 4
PSY404(E)-1	3	3	2	3
PSY404(E)-2	3	3	2	3
PSY404(E)-3	3	3	2	3
PSY404(E)-4	3	3	2	3
Average	3	3	2	3

M.A. (Semester-IV)
Paper: Psy405(E) - LIFE SPAN HUMAN DEVELOPMENT (ii)

Credit:4
Max. Marks: 100
External Marks-80
Internal Marks-20
Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

Course Outcomes:

After the completion of this course, the students will be able to:

- Psy405(E)-1 Acquire Knowledge of theoretical approaches related to cognitive, language and emotional development.
- Psy405(E)-2 Gain knowledge regarding development of self, understanding others and social problem solving including different issues related to sex role development.
- Psy405(E)-3 Understand the different transitional issues related to childhood and adolescence and influence of peers, school and media on adolescents.
- Psy405(E)-4 Understand different biological, social and psychological issues related to Ageing.

UNIT-I

Cognitive Development: Nature, Approaches- Piaget, Vygotsky, Information Processing.

Language Development: Behaviorist, Nativist, and Interactionist Perspective.

Emotional Development: Development of Emotional Expression, Understanding and Responding to Other's Emotions, Development of Attachment.

UNIT-II

Development of Self: Emergence of Self, Development of Self-Concept and Self-Esteem,

Constructing an Identity, Understanding Others and Social Problem Solving.

Sex role Development: Gender Stereotypes and Gender Roles, Gender Identity and Gender Schema Theory.

UNIT-III

Transition from Childhood to Adolescence: Signs of Maturation and Puberty, Hormonal Changes and Growth Spurt, Adjustment and Behavioural problems of Adolescents.

Impact of Peers, School, and Media on Adolescence.

UNIT-IV

Ageing: Physical, Cognitive and Social Decline, Dealing with the Physical changes. Decline in Social Status and its implications.

Family Life Adjustments, Widowhood, Remarriage, and Cohabitation in old age.

Retirement and Leisure: Role of Family, Religion and Spirituality in Growth and Development during Old Age.

Recommended Books:

Bee, H. & Boyd, D. (2002). Life Span Development. Boston MA: Allyn & Bacon.

Berk, L.E. (2003). Development Through the Lifespan. New Delhi: Pearson Education.

Brodzinsky, D.M. Gormly, A.V. & Anibron, S.R. (1986). Life Span Human Development. New Delhi: CBS Publishers.

Hurlock, E.B. (1997). Child Development. New Delhi: Tata McGraw-Hill.

Newman, B.M. & Newman, P.R. (1975). Development Through Life: A Psychological Approach. New York: Wadsworth Publishing Company.

Santrock, J.W. (1999). Lifespan Development. New York, MC Graw-Hill.

Stewart, A.C., Perlmuter, M. & Friedman, S. (1988). Life Long Human Development. New York: John Wiley & Sons.

Mapping Matrix of Course PSY405(E)

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course **PSY405(E)** assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course PSY405(E)

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
PSY405(E)-1	3	3	3	3	2	3	3	3	3	2	3	3
PSY405(E)-2	3	3	3	3	2	3	3	3	3	2	3	3
PSY405(E)-3	3	3	3	3	2	3	3	3	3	2	3	3
PSY405(E)-4	3	3	3	3	2	3	3	3	3	2	3	3
Average	3	3	3	3	2	3	3	3	3	2	3	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course **PSY405(E)** – assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the CoursePSY405(E)

CO	PSO 1	PSO 2	PSO 3	PSO 4
PSY405(E)-1	3	3	2	3
PSY405(E)-2	3	3	2	3
PSY405(E)-3	3	3	2	3
PSY405(E)-4	3	3	2	3
Average	3	3	2	3

M.A. (Semester-IV)
Paper: Psy406(E) - PSYCHOMETRICS (ii)

Credit:4
Max. Marks: 80+20
External Marks-80
Internal Marks-20
Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

Course Outcomes:

After the completion of this course, the students will be able to:

- Psy406(E)-1 Understand the process of test construction of different types of psychological tests.
- Psy406(E)-2 Deal with the issues in construction of psychological test for special purposes.
- Psy406(E)-3 Acquire understanding of different issues related to psychological testing.
- Psy406(E)-4 Acquire understanding of factor analysis, its applications and major pitfalls.

UNIT-I

Test construction: Test plan and composing test items; Construction of power and speed tests; Construction of Homogeneous Personality Tests; Problems of scoring weights and scoring formulas.

UNIT-II

Construction of tests for special purposes: Tests for mastery learning, Tailored tests; Construction of attitude scales; Development of norms.

UNIT-III

Item response theory: Deterministic and Probability models.

Issues in Psychological Testing: Response biases and response sets, Test bias and use for minorities, Validity in clinical setting, Ethical issues.

UNIT-IV

Factor analysis: General concepts, assumptions, Methods – Centroid and Principal Components, Rotation of factors: Criteria, Orthogonal and Oblique Approaches; Applications and major pitfalls of factor analysis.

Recommended Books:

- Anastasi, A. (1988). Psychological testing (6th Ed.). New York: McMillan.
- Fruchter, B. (1954) Introduction to Factor Analysis. New York: Van Nostrand.
- Guilford, J.P. (1954) Psychometric Methods (2nd Ed.) New York: McGraw-Hill.
- Harman, H.H. (1976). Modern Factor Analysis. Chicago: University of Chicago Press.
- Miller, L.A., McIntire, S.A., & Lovler, R.L. (2011). Foundations of Psychological Testing. Los Angeles: Sage.
- Nunnally, J. (1978) Psychometrics Theory (2nd Ed.). New York: McGraw-Hill.
- Singh, A.K. (1986). Tests, measurements and research methods in behavioral sciences. New Delhi: Tata McGraw-Hill.
- Torgerson, W.S. (1967) Theory and Methods of Scaling (2nd Ed.). New York: John Wiley & Sons.

Mapping Matrix of Course Psy406(E)

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course **Psy406(E)** assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course Psy406(E)

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
Psy406(E)-1	3	3	3	3	3	3	3	3	2	2	3	3
Psy406(E)-2	3	3	3	3	3	3	3	3	2	2	3	3
Psy406(E)-3	3	3	3	3	3	3	3	3	2	2	3	3
Psy406(E)-4	3	3	3	3	3	3	3	3	2	2	3	3
Average	3	3	3	3	3	3	3	3	2	2	3	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course **Psy406(E)** – assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course Psy406(E)

CO	PSO 1	PSO 2	PSO 3	PSO 4
Psy406(E)-1	3	3	3	2
Psy406(E)-2	3	3	3	2
Psy406(E)-3	3	3	3	2
Psy406(E)-4	3	3	3	2
Average	3	3	3	2

M.A. (Semester-IV)
Paper: Psy407(E) - PERSONALITY (ii)

Credit:4
Max. Marks: 100
External Marks-80
Internal Marks-20
Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

Course Outcomes:

After the completion of this course, the students will be able to

- Psy407(E)-1 Develop insight into approaches of personality and key issues in personality development.
- Psy407(E)-2 Appreciate the significance of Allport's, Cattell's & Eysenck's perspective on personality.
- Psy407(E)-3 Gain insight into contemporary models of personality.
- Psy407(E)-4 Gain knowledge about current issues of personality including personality assessment & measurement.

UNIT-I

Type vs. Trait Approach: Galen's Theory of Temperament, Sheldon's and Kretschmer's Personality Typology. Fundamentals of Trait Approach: Lexical, Statistical, and Theoretical perspectives. Continuity, Change, and Coherence in personality.

UNIT-II

Allport's Trait Theory. Cattell's Theory: Basic concepts, Identification of Temperament, Ability, and Dynamic traits. Eysenck's Theory: Structure, Biological basis, Physiological and behavioral correlates.

UNIT-III

Gray's theory of arousability. Five-Factor model: Structure, scientific evidence, behavioral correlates, cross cultural perspective. Zuckerman's alternative Five Factor Model.

UNIT-IV

Issues in Personality: Brain asymmetry, Field dependence, reflection impulsivity. Theoretical and Measurement issues; Principles of Personality Assessment; Self-report inventories, Projective techniques, Objective performance tests.

Recommended Books:

- Allport, G.W. (1961). Pattern and Growth in Personality. NY: Holt, Rinehart and Williston.
- Anastasi, A. (1980). Psychological testing. London : McMillan.
- Buss, D.M. and Cantor, N. (1989). Personality Psychology: Recent trends and emerging directions. New York: Springer-Verlag.
- Cattell, R.B. and Kline, P. (1977). The Scientific Analysis of Personality and Motivation, London: Academic Press.
- Eysenck, H.J. (1981). Model for Personality. New York: Springer-Verlag.
- Hall G.S. and Lindzey, G. (1985). Theories of Personality (3rd Ed.) New Delhi: Wiley Eastern.
- Hogan, R., Johanson, J., and Briggs, S. (1997). Handbook of Personality Psychology. New York: Academic Press.
- John, O.P., Robins, R.W. & Pervin, L.A. & (2008). HB of Personality: Theory and Research (3rd Ed.). NY: Oxford Press.
- Larsen, R.J. & Buss, D.M. (2011). Personality Psychology: Domains of Knowledge about Human Nature. New Delhi: Tata McGraw-Hill.
- Phares, E.J. (1991). Introduction to personality (3rd ED.). NY: Harper Collin.

Mapping Matrix of Course Psy407(E)

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course **Psy407(E)** assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course Psy407(E)

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
Psy407(E)-1	3	3	3	3	2	3	3	3	3	2	3	3
Psy407(E)-2	3	3	3	3	2	3	3	3	2	2	3	3
Psy407(E)-3	3	3	3	3	2	3	3	3	2	2	3	3
Psy407(E)-4	3	3	3	3	2	3	3	3	2	3	3	3
Average	3	3	3	3	2	3	3	3	2.25	2.25	3	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course **Psy407(E)**– assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the CoursePsy407(E)

CO	PSO 1	PSO 2	PSO 3	PSO 4
Psy407(E)-1	3	3	3	2
Psy407(E)-2	3	3	3	2
Psy407(E)-3	3	3	3	2
Psy407(E)-4	3	3	3	2
Average	3	3	3	2

M.A. (Semester-IV)
Paper: Psy408(E) - ADVANCED MILITARY PSYCHOLOGY

Credit:4
Max. Marks: 100
External Marks-80
Internal Marks-20
Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

Course Outcomes:

After the completion of this course, the students will be able to

- Psy408(E)-1 Deal with various mental health issues in military set-up.
- Psy408(E)-2 Acquire understanding of organizational culture, climate and interpersonal relations in military.
- Psy408(E)-3 Gain knowledge about Psychological Warfare.
- Psy408(E)-4 Demonstrate an understanding of man, machine-environment interface in military Performance.

Unit-I

Mental Health issues in Military. Concept of Mental Health, Scope and issues in Military setup; Stress, Combat Stress, Coping with stress- Self Help, Debriefing, Group support. Substance Abuse and Self Defeating Behavior: Prevention and intervention strategies.

Unit-II

Interpersonal relations, Organizational Culture, and Climate in Military Organisation. Camaraderie and military civilian relation in context of human values- cultural and social factors.

Unit-III

Psychological warfare: Concept, History and functions. Psychological operations: Low Intensity Conflict, Terrorism and insurgency.

Unit-IV

Man-machine-environment interface: Human factors, Human error, Safety. Cognitive, Personality, Extreme environment and perceptual deprivation factors in military performance. Vigilance, Complacency, Military hardiness and adjustment.

Recommended books:

Hall, R. & Mangelsdorff, A.D. (1991). Handbook of Military Psychology. USA: John Wiley & Sons.
Kennedy, C.H. & Zillmer, E.A. (2006). Military Psychology: Clinical and Operational Applications. N.Y: Guilford Press.
Ramachandran, K. (in press). Handbook of Military Psychology. Delhi: DIPR.
Shalit, B. (1988). The Psychology of Conflict and Combat. N.Y: Praeger.

Mapping Matrix of Course Psy408(E)

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course **Psy408(E)** assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course Psy408(E)

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
Psy408(E)-1	3	3	3	3	3	3	3	3	3	3	3	3
Psy408(E)-2	3	3	3	3	3	3	3	3	2	2	3	3
Psy408(E)-3	3	3	3	2	3	3	3	3	2	3	3	3
Psy408(E)-4	3	3	3	2	2	3	3	3	2	3	3	3
Average	3	3	3	2.5	2.75	3	3	3	2.25	2.75	3	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course **Psy408(E)**– assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course Psy408(E)

CO	PSO 1	PSO 2	PSO 3	PSO 4
Psy408(E)-1	3	3	3	3
Psy408(E)-2	3	3	3	2
Psy408(E)-3	3	3	3	3
Psy408(E)-4	3	3	3	3
Average	3	3	3	2.75

M.A. (Semester-IV)
Paper: Psy409(C)(i) - PRACTICAL

Credit:4
Max. Marks: 100
Time: 3 Hours

Course Outcomes: After the completion of this course, the students will be able to:

- Psy 409 (C)(i) - 1: Have through understanding about well-known Psychological tests.
Psy 409(C)(i)-2 Acquire knowledge of Administration, scoring and interpretation of various Psychological tests.

Note: The candidate will conduct and report three practicals from each optional paper in semester-IV. Practicals will be decided by the teacher teaching the paper. One practical will be allotted to a candidate during the examination and evaluation will be based on Practical Note Book (25 marks), Performance (25 marks) and Viva-voce (50 marks).

M.A. (Semester-IV)
Paper: Psy409(C)(ii) - PROFILING OF INSTRUMENTS

Credit:2
Max. Marks: 50
Time: 3 Hours

Course Outcomes: After the completion of this course, the students will be able to:

- Psy 409 (C)(ii) - 1: Have through understanding of different Psychological tests.

The candidate will prepare a profile of three measuring instruments from each optional paper, other than those covered in Practicals. Two instrument profiles will be allotted to a candidate during the examination and evaluation will be based on Profile Record (12 marks), Report (12 marks), and Viva-voce (26 marks).

Mapping Matrix of Course Psy409(C)(i), (ii)

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course **Psy409(C)(i)** assuming that there are 12 POs and 3COs.

Table 2: CO-PO Matrix for the Course Psy409(C)(i), (ii)

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
Psy409(C)(i)-1	3	3	3	3	3	3	3	3	3	3	3	3
Psy409(C)(i)-2	3	3	3	3	3	3	3	3	3	2	3	3
Psy409(C)(ii)-1	3	3	3	3	3	3	3	3	3	3	3	3
Average	3	3	3	3	3	3	3	3	3	2.67	3	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course **Psy409(C)(i)**– assuming that there are 4 PSOs and 3COs.

Table 3: CO-PSO Matrix for the Course Psy409(C)(i), (ii)

CO	PSO	PSO 2	PSO 3	PSO 4
Psy409(C)(i)-1	3	3	3	3
Psy409(C)(i)-2	3	3	3	3
Psy409(C)(ii)-1	3	3	3	3
Average	3	3	3	3

DEPARTMENT OF PSYCHOLOGY
KURUKSHETRA UNIVERSITY, KURUKSHETRA

Open Elective Paper (For Semester – II)

(Syllabus for Post-graduate students other than Psychology under Choice Based Credit System)

PAPER: OESS. Psy.1 - UNDERSTANDING PSYCHOLOGY

Credits: 2 (one period in a week)

Marks: 50

Time: 2 hrs.

Course Outcomes:

After the completion of this course, the students will be able to:

OESS. Psy.1-1 Gain indepth understanding of psychology as a science and methods of study

OESS. Psy.1-2 Develop insight into the structure & functioning of nervous system.

OESS. Psy.1-3 Acquire knowledge about process of learning and memory and related concepts.

OESS. Psy.1-4 Appreciate psychological perspective on personality and Intelligence along with their nature and assessment.

Unit I

Psychology: Nature, Historical Background and Fields of Psychology, Emergence of Psychology as a Science.

Methods: Experimental, Interview, Observation and Case Study.

Unit-II

Biological Bases of Behaviour: Cell-Structure and Functions. Neuron: Structure, Types and Functions. Introduction to Nervous System and its Organization.

Unit-III

Learning: Nature, Types-Trial and Error, Conditioning and Insight;

Memory: Nature, Process, Methods to Study Memory, Forgetting.

Unit-IV

Personality: Nature, Genetic and Environmental Determinants of Personality. Personality Assessment. Intelligence: Nature and Measurement.

Recommended Books:

Atkinson, R.L., Atkinson, R.L. et. Al. (1985). Introduction to Psychology. N.Y. HBJ Publishers.

Ciccarelli, S.K. & Meyer, G.E. (2006). Psychology. New Delhi: Pearson Education, Inc.

Leukel, F. (2002). Introduction to Physiological Psychology (IIIrd Edition). New Delhi: CBS Publishers and Distributors.

Singh, A.K. (2009). Uchatar Samanya Manovigyan. Delhi: Moti Lal Banarsidas.

Mapping Matrix of Course OESS. Psy.1

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course (OESS. Psy.1) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course OESS. Psy.1

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
OESS. Psy.1-1	3	3	3	2	2	3	3	3	2	3	3	3
OESS. Psy.1-2	3	3	3	3	2	3	3	3	2	3	3	3
OESS. Psy.1-3	3	3	3	3	2	3	3	3	2	3	3	3
OESS. Psy.1-4	3	3	3	3	2	3	3	3	2	3	3	3
Average	3	3	3	2.75	2	3	3	3	2	3	3	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course OESS. Psy.1– assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course OESS. Psy.1

CO	PSO 1	PSO 2	PSO 3	PSO 4
OESS. Psy.1-1	3	3	2	3
OESS. Psy.1-2	3	3	2	3
OESS. Psy.1-3	3	3	3	3
OESS. Psy.1-4	3	3	3	3
Average	3	3	2.5	3

DEPARTMENT OF PSYCHOLOGY
KURUKSHETRA UNIVERSITY, KURUKSHETRA

Open Elective Paper (For Semester – III)

(Syllabus for Post-graduate students other than Psychology under Choice Based Credit System)

PAPER: OESS:Psy.II- APPLICATIONS OF PSYCHOLOGY

Credits: 2 (one period in a week)

Marks: 50

Time: 2 hrs.

Course Outcomes:

After the completion of this course, the students will be able to:

OESS.Psy.II-1 Gain knowledge regarding abnormality and common mental disorders

OESS.Psy.II-2 Acquire understanding regarding counselling, its approaches and applications for promoting well-being.

OESS.Psy.II-3 Develop insight about industrial and organizational behaviour, its approaches and applications.

OESS.Psy.II-4 Develop appreciation for practical application of psychology for alleviation of key social issues.

Unit I

Abnormal Behaviour: Nature, Criteria of Abnormality.

Mental Disorders: Generalized Anxiety Disorders, Phobia, Depressive Disorders, Schizophrenia, and Mental Retardation.

Unit-II

Counselling: Nature, Need and Types: Directive and Non-Directive Approaches.

Application of Counselling: Counselling for Emotional Problems of Adolescents, Counselling of Delinquents, and Victims of Substance Abuse.

Unit-III

Industrial and Organizational Behaviour: Nature, Micro and Macro Approaches.

Work Motivation, Communication, Decision Making, Conflict Resolution.

Selection and Placement in Organizations.

Unit-IV

Application of Psychology in understanding the problems of Population, Deprivation, Criminal Behaviour; Issue of Minority Groups.

Recommended Books:

Blum, M.L. & Naylor, J.C. (1984). Industrial Psychology: Its theoretical and social foundations. New Delhi: CBS Publishers.

Carson, R.C., Butcher, T.N., & Susan, M. (2001). Abnormal Psychology and Modern Life. New York: Harper Collins.

Gelso, C.J. & Fretz, B.R. (2000). Counselling Psychology (2nd Ed.). London: Wadsworth Rao, S.N. (2001). Counselling Psychology. New Delhi: Tata McGraw-Hill.

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course OESS:Psy.1I assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the CourseOESS:Psy.1I

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
OESS.Psy.II-1	3	3	3	2	2	3	3	3	2	3	3	3
OESS.Psy.II-2	3	3	3	3	2	3	3	3	2	3	3	3
OESS.Psy.II-3	3	3	3	3	2	3	3	3	2	3	3	3
OESS.Psy.II-4	3	3	3	3	2	3	3	3	2	3	3	3
Average	3	3	3	2.75	2	3	3	3	2	3	3	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course OESS.Psy.II assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the CourseOESS:Psy.1I

CO	PSO 1	PSO 2	PSO 3	PSO 4
OESS.Psy.II-1	3	3	2	3
OESS.Psy.II-2	3	3	2	3
OESS.Psy.II-3	3	3	3	3
OESS.Psy.II-4	3	3	3	3
Average	3	3	2.5	3

Mapping of COs, POs and PSOs (M.A.psychology)

Course Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
Psy101(C)																
Psy102(C)																
Psy103(C)																
Psy104(C)																
Psy105(C)(i)(ii)																
Psy201(C)																
Psy202(C)																
Psy203(C)																
Psy204(C)																
Psy205(C)(i)(ii)																
Psy301(E)																
Psy302(E)																
Psy303(E)																
Psy304(E)																
Psy305(E)																
Psy306(E)																
Psy307(E)																
Psy308(E)																
Psy309(E)(i)(ii)																
Psy401(E)																
Psy402(E)																
Psy403(E)																
Psy404(E)																
Psy405(E)																
Psy406(E)																
Psy407(E)																
Psy408(E)																
Psy409(E)(i)(ii)																
OEES:Psy.I																
OEES:Psy.2																

Attainment of COs:

The attainment of COs can be measured on the basis of the results of internal assessment and semester examination. The attainment is measured on scale of 3 after setting the target for COs attainment. **Following table** shows the CO attainment levels assuming the set target of 60% marks:

CO Attainment Levels for internal assessment

Attainment Level	
1 (low level of attainment)	60% of students score more than 60% of marks in class tests of a course.
2 (Medium level of attainment)	70% of students score more than 60% of marks in class tests of a course.
3 (High level of attainment)	80% of students score more than 60% of marks in class tests of a course.

***Note:** In the above table, the set target is assumed as 60%. It may vary in different departments/institutes. The staff councils of the Departments/institutes may finalize the set target.*

A proper mapping of course outcomes with assessment methods should be defined before measuring the attainment level. The questions in tests for internal assessment are based on COs. Here it is assumed that class test-I is based on first two COs (i.e. **Psy101(C).1 and Psy101(C).2**) of a course with equal weightage given to both COs. Similarly, class test-II is based on next two COs (i.e. **Psy101(C).3 and Psy101(C).4**) of a course with equal weightage given to these two COs. For each internal assessment test, the percentage of students attaining the target level of CO is estimated and

average percentage will decide the attainment level of COs. Following steps may be followed for determining the attainment level in internal assessment of a course.

- (i) Estimate the %age of students scoring set target (say 60%) or more in the question(s) of test -I based on first CO i.e.**Psy101(C).1.**
- (ii) Estimate the %age of students scoring set target (60%) or more in the question(s) of test-I based on second CO i.e.**Psy101(C).2.**
- (iii) Estimate the %age of students scoring set target (60%) or more in the question(s) of test-II based on third CO i.e.**Psy101(C).3.**
- (iv) Estimate the %age of students scoring set target (60%) or more in the question(s) of test-II based on the fourth CO i.e.**Psy101(C).4.**
- (v) Take average of the percentages obtained above.
- (vi) Determine the attainment level i.e. 3, 2 or 1 as per scale defined in **the above table.**

***Note:** In the above steps, it is assumed that internal assessment is based on two tests only. However, if internal assessment is based on more than two tests and/or on assignments then same may be incorporated to determine the COs attainment level. There may be more than four COs for a course. The set target may also be different for different COs. These issues may be resolved by the staff councils of the departments/institutes.*

For determining the attainment levels for end semester examination, it is assumed that questions in the end term examination are based on all COs of the course. Attainment levels for end semester examination of a course can be determined after the declaration of the results. The CO attainment levels for end semester examination are given **in the following Table.**

CO Attainment Levels for End Semester Examination (ESE)

Attainment Level	
1 (Low level of attainment)	60% of students obtained letter grade of A or above (for CBCS programs) or score more than 60% of marks (for non-CBCS programs) in ESE of a course.
2 (Medium level of attainment)	70% of students obtained letter grade of A or above (for CBCS programs) or score more than 60% of marks (for non-CBCS programs) in ESE of a course.
3 (High level of attainment)	80% of students obtained letter grade of A or above (for CBCS programs) or score more than 60% of marks (for non-CBCS programs) in ESE of a course.

***Note:** In the above table, the set target is assumed as grade A for CBCS courses and 60% for non-CBCS Courses.*

It may vary in different departments/institutes. The staff councils of the departments/institutes may finalize the set target.

Overall CO Attainment level of a Course:

The overall CO attainment level of a course can be obtained as:

Overall CO attainment level = 50% of CO attainment level in internal assessment + 50% of CO attainment level in end semester examination.

The overall COs attainment level can be obtained for all the courses of the programme in a similar manner.

Attainment of POs:

The overall attainment level of POs is based on the values obtained using direct and indirect methods in the ratio of 80:20. The direct attainment of POs is obtained through the attainment of COs. The overall CO attainment value as estimated above and CO-PO mapping value as shown in **Table 3** are used to compute the attainment of POs. PO attainment values obtained using direct method can be written as shown in the following Table.

PO Attainment Values using Direct Method

Course Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
Psy101(C)												
Psy102(C)												
Psy103(C)												
Psy104(C)												
Psy105(C)(i)(ii)												
Psy201(C)												
Psy202(C)												
Psy203(C)												
Psy204(C)												
Psy205(C)(i)(ii)												
Psy301(E)												
Psy302(E)												
Psy303(E)												
Psy304(E)												
Psy305(E)												
Psy306(E)												
Psy307(E)												
Psy308(E)												
Psy309(E)(i)(ii)												
Psy401(E)												
Psy402(E)												
Psy403(E)												
Psy404(E)												
Psy405(E)												
Psy406(E)												
Psy407(E)												
Psy408(E)												
Psy409(E)(i)(ii)												
OEES:Psy.I												
OEES:Psy.2												
Direct PO Attainment	Average of above values	Average of above values	Average of above values								Average of above values	

The PO attainment values to be filled in above table can be obtained as follows:

For Psy101(C)-PO1 Cell:

PO1 attainment value = (Mapping factor of **Psy101(C)**-PO1 from **Table 3** × Overall CO attainment value for the course **Psy101(C)**)/3

For Psy201(C)-PO1 Cell:

PO1 attainment value = (Mapping factor of **Psy201(C)**-PO1 from **Table 3** × Overall CO attainment value for the course **Psy201(C)**)/3

Similarly, values for each cell of the above table can be obtained. The direct attainment of POs is average of individual PO attainment values.

In order to obtain the PO attainment using indirect method, a student exit survey based on the questionnaire of POs may be conducted at end of last semester of the program. The format for the same is given **in the following table**. Average of the responses from the outgoing students for each PO is estimated. The overall PO attainment values are obtained by adding attainment values estimated using direct and indirect methods in the proportion of 80:20 as follows:

Overall attainment value for PO1 =

$0.8 \times$ average attainment value for PO1 using direct method (**from above table**) +

$0.2 \times$ average response of outgoing students for PO1

Similarly, overall attainment value can be obtained for each PO.

Questionnaire for indirect measurement of PO attainment (For outgoing students)

At the end of my degree programme I am able to do:

	Please tick any one		
Statement of PO1	3	2	1
Statement of PO2	3	2	1
Statement of PO3	3	2	1
Statement of PO4	3	2	1
Statement of PO5	3	2	1
Statement of PO6	3	2	1
Statement of PO7	3	2	1
Statement of PO8	3	2	1
Statement of PO9	3	2	1
Statement of PO10	3	2	1
Statement of PO11	3	2	1
Statement of PO12	3	2	1
3: Strongly Agree; 2: Agree; 1: Average			

Overall PO attainment values can be written as shown **in the following Table**.

Overall PO attainment Values

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
Direct PO attainment												
Indirect PO attainment												
Overall PO attainment												
Target	2	2	2	2	2	1.5	2	2	2	2	1.5	1.5

The overall PO attainment values obtained above are compared with set target. The set target for each PO may be different and can be finalized by the staff councils of the departments/institutes. If overall PO attainment value is less than the set target value then an action plan may be prepared for improvement in the subsequent academic session.

The overall PSO attainment level based on CO-PSO mapping values and overall CO attainment values can be obtained in a similar manner.

PG DIPLOMA IN GUIDANCE, COUNSELLING, AND PSYCHOTHERAPY

Revised Scheme of Examination and Syllabus of PG diploma in guidance, counselling, and psychotherapy under CBCS/LOCF w.e.f. 2020-21

There shall be three theory papers and one practical-cum-field work of 100 marks each. All the four papers are compulsory.

Paper	Nomenclature	Marks	Time
Psy. PGD.1 (C): GUIDANCE	100	3 Hours	
Psy. PGD.2 (C): COUNSELLING PSYCHOLOGY	100	3Hours	
Psy. PGD.3 (C): PSYCHOTHERAPY	100	3 Hours	
Psy. PGD.4 (I) (C): PRACTICA		50	3 Hours
Psy. PGD.4 (II) (C): FIELD WORK		50	3 Hours

Paper No.	Nomenclature	No. of Credits	Exam. Scheme			
		L	External T	Internal Assessment	Total	Time
Psy.PGD.1 (C)	Guidance	4	80	20	100	3 Hrs
Psy.PGD.2 (C)	Counselling Psychology	4	80	20	100	3 Hrs
Psy.PGD.3 (C)	Psychotherapy	4	80	20	100	3 Hrs
Psy.PGD.4 (I) (C)	Practical	2	50	-	50	3 Hrs
Psy.PGD.4 (II)(C)	Field Work	2	50	-	50	3 Hrs

The student has to choose and pass one paper, having 2 credits, available on Swayam Portal related to nature of Diploma.

GUIDANCE
Paper: Psy.PGD.1(C)

Credit : 4

Max. Marks:100 (80 + 20(Internal Assessment))

Time : 3 Hours

NOTE- The paper setter shall set TEN questions-TWO questions from each unit. The candidates will have to attempt FIVE questions in all, selecting ONE from each unit.

Course Outcomes:

After the completion of this course, the students will be able to:

- Psy.PGD.1(C)-1 Develop understanding about basic-premises of Guidance as a discipline, particularly with respect to its domains and process.
- Psy.PGD.1(C)-2 Acquire skills in Cognitive and Behavioural assessment.
- Psy.PGD.1(C)-3 Identify various adjustment related issues pertaining to childhood, adolescence and learn techniques for remedial efforts.
- Psy.PGD.1(C)-4 Acquire skills in conducting guidance for individuals and groups.
- Psy.PGD.1(C)-5 Acquire skills to deliver guidance services in school and related set up.

UNIT I

Guidance - Nature, Need , Principles, Goals and Scope of Guidance. Process of Guidance.
Types of Guidance-Educational, Vocational, and Personal.

UNIT-II

Assessment in Guidance- Formal and Informal Techniques.
Nature and Types of Psychological Tests.
Cognitive and Behavioural Assessment of Children with Special Needs.

UNIT-III

Adjustment- Meaning, Nature and Determinants.
Adjustment Problems of Children and Adolescents.
Use of Clinical Methods for Shaping Healthy Adjustment.

UNIT- IV

Meaning and Nature of Individual and Group Guidance.
Techniques of Group Guidance.
Organisation of Guidance Services.

UNIT- V

Guidance Personnel-Roles, Skills and Training.
Guidance in Classroom for Learning and Discipline.
Life Skill Training Programs- Promotion of Resilience, Hardiness and Adaptive Coping, Capacity Building, Positive Communication Skills and Assertiveness Training.

Recommended Books:

- Anastasi, A. & Urbina, S. (1997). Psychological Testing. New York: Mc Millan.
Bernard, H.W. & Fuller, D.W. (1977). Principles of Guidance. New York: Crowell.
Bhatnagar, A. & Gupta, N. (2001). Guidance and Counselling, Vol. 1, A theoretical Perspective.
New Delhi: Vikas Publishing House.
Bhatnagar, A. & Gupta, N. (2001). Guidance and Counselling, Vol. 2, A Practical Approach.
New Delhi: Vikas Publishing House.
Crow, L. D. & Crow, A. V. B. (1961). Introduction to Guidance: Basic principles and practices.
New Delhi: Eurasia.
DiClemente, R.J., Santelli, J.S., & Crosby, R.A. (2009). Adolescent health: Understanding and preventing risk behaviors. John Wiley & Sons.
Gurung, R.A.R. (2010) Health Psychology: A cultural approach: Wadsworth.
Gibson, R. & Mitchell, M. (2005). Introduction to Guidance and Counselling. New Delhi: Prentice Hall of India.
Pietrofesa, J.J. (1980). Guidance: An introduction. Chicago: Rand McNally.
Shaffer, L.P., & Shoben, E.J. (1986). Psychology of Adjustment: A Dynamic and Experimental Approach to Personality and Mental Hygiene. Boston: Houghton Mifflin.

Mapping Matrix of Course Psy.PGD.1(C)

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course Psy.PGD.1(C) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course Psy.PGD.1(C)

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
Psy.PGD.1(C) 1	3	3	3	2	2	3	3	3	2	3	3	3
Psy.PGD.1(C)2	3	3	3	3	3	3	3	3	3	3	3	3
Psy.PGD.1(C)3	3	3	3	3	2	2	3	3	2	2	3	3
Psy.PGD.1(C)4	3	3	3	3	3	3	3	3	3	3	3	3
Psy.PGD.1(C)5	3	3	3	3	3	3	3	3	3	3	3	3
Average	3	3	3	2.8	2.6	3	3	3	2.6	2.8	3	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course Psy.PGD.1(C) assuming that there are 4 PSOs and 4COs.

Table 2: CO-PSO Matrix for the Course Psy.PGD.1(C)

CO	PSO 1	PSO 2	PSO 3	PSO 4
Psy.PGD.1(C)1	3	3	3	3
Psy.PGD.1(C)2	3	3	2	3
Psy.PGD.1(C)3	3	3	3	3
Psy.PGD.1(C)4	3	3	3	3
Psy.PGD.1(C)5	3	3	3	3
Average	3	3	2.8	3

COUNSELLING PSYCHOLOGY

Paper: Psy.PGD.2(C)

Credit : 4

Max. Marks:100 (80 + 20(Internal Assessment))

Time : 3 Hours

NOTE: The paper setter shall set TEN questions- TWO questions from each unit. The candidate will have to attempt FIVE questions in all, selecting ONE from each unit.

Course Outcomes:

After the completion of this course, the students will be able to:

Psy.PGD.2(C)-1 Grasp the Basic Premises of Counselling as a Profession.

Psy.PGD.2(C)-2 Develop Understanding of Skills for Conduction of Counselling Sessions.

Psy.PGD.2(C)-3 Understanding Approaches and Techniques of Counselling.

Psy.PGD.2(C)-4 Acquire Practical Skills for Promotion of Positive Mental Health and Wellness.

Psy.PGD.2(C)-5 Learn the Application of Curative Counselling in Various Domains of Human Life.

UNIT-I

Counselling- Meaning, Goals and Objectives of Counselling. Basic Assumptions and Principles of Counselling. Role, Characteristics and Training of Counsellor.

UNIT-II

Counselling Skills- Listening, Reflecting, Summarizing, Confronting, Interpreting and Informing Skills.

Ethical Issues in Counselling. Components of Counselling Practice: Conduction of First Session, Rapport/Relationship Building, Assessing Client Problems, Process and Outcome Goals, Termination and Follow-up.

UNIT-III

Counselling Approaches- Directive, Non-Directive and Eclectic Counselling.

Counselling Techniques- Case Study, Counselling Interview, Sensitivity Training, Transactional Analysis, and Psychodrama.

UNIT-IV

Counselling for Enhancing Happiness, Pleasure, Engagement and Meaning Making.

Identifying and Developing Character Strengths and Virtues.

UNIT-V

Special Areas of Counselling: Counselling Exceptional Children and Children with Emotional Disturbance, Marital Counselling, Occupational Counselling, Counselling Patients with Terminal Disease/Chronic illness – HIV/AIDS, Cancer Patients and Their Caretakers, Counselling Drug Addicts and Alcoholics.

Counselling for LGBTQ Individuals.

Recommended Books:

Clough, P. Pardeck, J.T. & Yuen, F. (Eds) (2005). Handbook of emotional and behavioural Difficulties.

Mozdzierz, G.J., Peluso, P.R. & Lisiecki, J. (2009). Principles of Counselling and Psychotherapy. New York: Routledge.

Cormier, L.S. and Hackney, H. (1993). The Professional Counsellor. Englewood Cliffs, N.J: Prentice Hall.

Woolfe, R. and Dryden, W. (1996). Handbook of Counselling. London: Sage Publications.

Bender, W.N. (1995). Identification and Teaching Strategies for Learning Disabilities. New York: Allyn Bacon.

Dryden, W. (1995). Key Issues for Counselling in Action. London: Sage Publications.

Sharry, J. (2006). Counselling Children, Adolescents and Families: A Strength Based Approach. New York: Sage Publishers.

George, R.L. Cristiani, T.S. (1990). Counselling: Theory and Practice. New Jersey: Prentice Hall (3rd edition).

Peterson, J.V. and Nishenholz, B. (1999). Orientation to Counselling, New York: Allyn & Bacon.

Lindey, P.A and Joseph. S. (Eds) (2004). Positive Psychology in practice. New York: Wiley.

Peterson, C, & Seligman, M.E.P (2004) Character strengths and virtue: A handbook of classification, New York: Oxford University Press.

Mapping Matrix of Course Psy.PGD.2(C)

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course Psy.PGD.2(C) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course Psy.PGD.2(C)

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
Psy.PGD.2(C) 1	3	3	3	2	2	3	3	3	2	3	3	3
Psy.PGD.2(C)2	3	3	3	3	3	3	3	3	3	3	3	3
Psy.PGD.2(C)3	3	3	3	3	2	2	3	3	2	2	3	3
Psy.PGD.2(C)4	3	3	3	3	3	3	3	3	3	3	3	3
Psy.PGD.2(C)5	3	3	3	3	3	3	3	3	3	3	3	3
Average	3	3	3	2.8	2.6	3	3	3	2.6	2.8	3	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course Psy.PGD.2(C) – assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course Psy.PGD.2(C)

CO	PSO 1	PSO 2	PSO 3	PSO 4
Psy.PGD.2(C)1	3	3	3	3
Psy.PGD.2(C)2	3	3	2	3
Psy.PGD.2(C)3	3	3	3	3
Psy.PGD.2(C)4	3	3	3	3
Psy.PGD.2(C)5	3	3	3	3
Average	3	3	2.8	3

PSYCHOTHERAPY

Paper: Psy.PGD.3(C)

Credit: 4

Max. Marks:100 (80 + 20(Internal Assessment))

Time : 3 Hours

Note: The paper setter shall set TEN questions- TWO questions from each unit. The candidate will have to attempt FIVE questions in all, selecting ONE from each unit.

Course Outcomes:

After the completion of this course, the students will be able to:

Psy.PGD.3(C)-1 Discriminate between normality and abnormality in context of various theoretical and classificatory systems.

Psy.PGD.3(C)-2 Gather insight into nature of psychotherapy and its various determinants.

Psy.PGD.3(C)-3 Acquire and demonstrate skills in conducting Psychotherapy sessions from Behaviouristic perspective.

Psy.PGD.3(C)-4 Acquire understanding and skills of Cognitive and Phenomenological approaches in treatment of mental disorders.

Psy.PGD.3(C)-5 Gain indepth understanding of theoretical models and techniques of Family, Marital, and Group Therapy.

UNIT-I

Psychopathology- Meaning, Criteria, and Approaches: Psychodynamic, Behaviouristic, and Humanistic- Existential.

Classification of Mental Disorders- ICD and DSM Systems.

UNIT-II

Psychotherapy- Definition, Objectives, Ethical Issues. Significant Variables in Psychotherapy, Training of Psychotherapist, Clinical Formulation.

Therapeutic Relationship: Client and Therapist Characteristics, Factors Influencing Relationship.

UNIT-III

Taking History and Mental Status Examination.

Behaviour Therapies- Origin, Foundations and Principles; Behavioural Assessment. Desensitization, Extinction, Skill Training, Aversion and Operant Procedures.

UNIT-IV

Cognitive Therapies- Introduction to Cognitive Model (Beck and Ellis), Basic Principles and Assumptions, Cognitive Behaviour Therapy, Rational Emotive Behaviour Therapy, Cognitive Restructuring. Gestalt Therapy.

UNIT-V

Systemic Therapies- Origin, Theoretical Models and Techniques with respect to Family Therapy, Marital Therapy, and Group therapy.

Recommended Books:

Bellack, A.S., & Hersen, M. (2000). Comprehensive Clinical Psychology (Vol. 5 & 6), New York: Elsevier Science Ltd.

Carson, R.C., Butcher, J.N., & Mineka, S. (2000). Abnormal Psychology and Modern Life, Delhi: Pearson Education.

Gelder, M., Cowen, P., & Harrison, P. (2005). Shorter Textbook of Psychiatry, London: Oxford Press.

Hamilton, M. (1985). Fish's Clinical Psychopathology: Signs and Symptoms in Psychiatry, Bombay: Varghese Publishing House.

Hawton, K., Salkovskis, P.M., Kirk, J., & Clark, D.M. (2004). Cognitive Behaviour Therapy for Psychiatric Problems: A Practical Guide. New York: Oxford University Press.

Masters, J.C., Burish, T.G., Hollon, S.D., & Rimm, D.C. (1987). Behaviour Therapy: Techniques and Empirical Findings, Florida: Harcourt Brace & Company

Wolberg, L.R. (1988). The Techniques of Psychotherapy (Vol.I & II). London: Jason Aronson Inc.

Mapping Matrix of Course Psy.PGD.3(C)

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course Psy.PGD.3(C) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course Psy.PGD.3(C)

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
Psy.PGD.3(C) 1	3	2	3	3	3	3	2	3	3	2	3	3
Psy.PGD.3(C)2	3	3	3	3	2	3	3	3	3	2	3	3
Psy.PGD.3(C)3	3	3	3	3	3	3	3	3	3	3	3	3
Psy.PGD.3(C)4	3	3	3	3	3	3	3	3	3	3	3	3
Psy.PGD.3(C)5	3	3	3	3	2	3	3	3	3	3	3	3
Average	3	2.8	3	3	2.6	3	2.8	3	3	2.6	3	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course – Psy.PGD.3(C) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course Psy.PGD.3(C)

CO	PSO 1	PSO 2	PSO 3	PSO 4
Psy.PGD.3(C)1	3	3	2	3
Psy.PGD.3(C)2	3	3	2	3
Psy.PGD.3(C)3	3	3	3	3
Psy.PGD.3(C)4	3	3	3	3
Psy.PGD.3(C)5	3	3	3	3
Average	3	3	2.6	3

PRACTICAL
Paper: Psy.PGD.4(I)(C)
(Diagnostic Assessment Techniques)

Credit : 2
Max. Marks: 50
Time: 3 Hours

Note: Any 8 Practicals out of the following are to be conducted and reported during the course. One practical will be allotted to a candidate during the examination and evaluation will be based on Practical Note Book, Performance during practical examination and viva-voce.

A series of lectures will be delivered on Diagnostic Testing to acquaint the students with: Nature of Psychological Tests, their functions, Psychometric Properties- Reliability, Validity Norms and Ethical Issues.

Course Outcomes: After the completion of this course, the students will be able to:

Psy.PGD.4(I)(C)-1: Have through understanding about well-known Psychological tests.

Psy.PGD.4(I)(C)-2: Acquire knowledge of Administration, scoring and interpretation of various Psychological tests.

1. Clinical Analysis Questionnaire.
2. NEO PI- R
3. IPAT- ASQ
4. Interest Inventory
5. Beck Depression Inventory
6. WAIS-R
7. Wechsler Memory Scale
8. Rorschach Inkblot Technique
9. AIIMS Neuropsychological Assessment Battery
10. Adjustment Inventory
11. Stress Inventory
12. Clinical Rating Scales- Autism, ADHD.
13. D.A.T.B

FIELD WORK
Paper: Psy.PGD.4(II)(C)

Credit : 2
Max. Marks: 50
Time: 3 Hours

Course Outcomes: After the completion of this course, the students will be able to:

Psy.PGD.4(II)(C): acquire the necessary skills and competencies in administering, scoring, and interpreting psychological tests and providing treatment to the individuals suffering from various Psychological problems.

To provide hands on experience in acquiring the necessary skill and competency in selecting, administering, scoring, and interpreting psychological tests and treating the individuals suffering from Psychological problems. The candidates need to engage themselves in active training under supervision.

Submission of Psychodiagnostic and Psychotherapy Records.

- Four full-length Psychodiagnostic records to be prepared and submitted by the candidate. The records should include a detail clinical history and a discussion on a) rationale for testing b) areas to be investigated c) tests administered (d) test findings and e) Impression.
- Four full-length Counselling and Psychotherapy records to be prepared and submitted by the candidate. The records should include a) reasons for interventions (b) short-term and long term objectives (c) type and techniques of intervention used with rationale d) Process of therapy (e) changes occurred during therapy and (e) final outcome.

Mapping Matrix of Course Paper: Psy.PGD.4(I), (II)(C)

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course Paper: Psy.PGD.4 (I), (II)(C) assuming that there are 12 POs and 3COs.

Table 2: CO-PO Matrix for the Course Paper: Psy.PGD.4(I),(II)(C)

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
Psy.PGD.4(1) (C)-1	3	3	3	3	3	3	3	3	3	3	3	3
Psy.PGD. 4(1) (C) 2	3	3	3	3	3	3	3	3	3	3	3	3
Psy.PGD.4(II)(C)-1	3	3	3	3	3	3	3	3	3	3	3	3
Average	3	3	3	3	3	3	3	3	3	3	3	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course Psy.PGD.4(I),(II)(C) assuming that there are 4 PSOs and 3COs.

Table 3: CO-PSO Matrix for the Course Psy.PGD.4(I),(II)(C)

CO	PSO 1	PSO 2	PSO 3	PSO 4
Psy.PGD.4(1)(C)-1	3	3	3	3
Psy.PGD.4(1)(C)-2	3	3	3	3
Psy.PGD.4(II)(C)-1	3	3	3	3
Average	3	3	3	3

Scheme of Examination for B.A. (General) Political Science

Under CBCS/ LOCF w.e.f. 2020-21 in phased manner for the regular students

Scheme of examination of the Course along with POs, PSOs, COs and Mapping Matrix

Semester	Course	Paper	Nomenclature of the Paper	Credits	Contact hrs Theory+ Tutorial	Internal Marks	External Marks	Total	Time
I	CC-Political Science-A	CC-A 101	Introduction to Political Theory	6	5+1	30	120	150	3 hrs
II	CC-Political Science-B	CC-B 201	Indian Government and Politics	6	5+1	30	120	150	3 hrs
III	CC-Political Science-C	CC-C 301	Introduction to International Relations	6	5+1	30	120	150	3 hrs
IV	CC-Political Science-D	CC-D 401	Comparative Government and Politics	6	5+1	30	120	150	3 hrs
	SEC-Political Science	SEC	Gender and Law in India	2	2	10	40	50	3 hrs
V	DSE-Political Science-A	DSE-A 501	India's Foreign Policy	6	5+1	30	120	150	3 hrs
		OR							
		DSE-A 502	Indian Constitution	6	5+1	30	120	150	3 hrs
		OR							
		DSE-A 505	*MOOC course from Swayam Portal		**			***	3 hrs
	GE-I	GE-1 506	Indian Polity	6	5+1	30	120	150	3 hrs
VI	DSE-Political Science- B	DSE-B 601	United Nations Organization	6	5+1	30	120	150	3 hrs
		OR							
		DSE-B 603	Indian Democracy	6	5+1	30	120	150	3 hrs
	GE-2	GE-2 606	India and the World	6	5+1	30	120	150	3 hrs

Syllabus for B.A Programme

Programme outcomes

PO 1: Demonstrate a detailed knowledge and understanding of selected fields of study in core disciplines in the humanities, social sciences and languages;

PO 2: Apply critical and analytical skills and methods to the identification and resolution of problems within complex changing social contexts.

PO 3: Demonstrate a general understanding of the concepts and principles of selected areas of study outside core disciplines of the humanities, social sciences and languages;

PO 4: Apply an independent approach to knowledge that uses rigorous methods of inquiry and appropriate theories;

PO 5: Articulate the relationship between diverse forms of knowledge and the social, historical and cultural contexts that produced them;

PO 6: Communicate effectively and show ability to read, write, listen to and speak in a chosen language/s with fluency;

PO 7: Act as informed and critically discerning participants within the community of scholars, as citizens and in the work force;

PO 8: Work with independence, self-reflection and creativity to meet goals and challenges in the workplace and personal life.

Programme Specific Outcomes

PSO1: Honing of critical faculties of students for the examination of political phenomena.

PSO2: The students shall be able to develop an understanding of political events, institutions and processes with the ability to suggest remedies for the challenges therein.

PSO3: The students shall be able to develop an enhanced sensitivity to social and political issues so as to become active members of the citizenry.

PSO4: The students shall be able to demonstrate the conceptual and theoretical understanding of politics for the analysis of political behaviour.

Semester I

CC-A 101

Introduction to Political Theory

Credit: 06

Max. Marks: 150

Internal Marks: 30

External marks: 120

Time: 3 Hours

Objective: The paper aims to acquaint the students with the core elements of Political Theory. It explores the Meaning, Nature and Significance and debates in Political Theory.

Course Outcomes:

After the completion of this course, the students will be able to:

- CC-A-101.1 Understand the meaning, nature and significance of Political Theory.
- CC-A-101.2 Develop a deeper understanding of concepts related to Political Theory.
- CC-A-101.3 Critically analyse various ideologies like Marxism, Liberalism, Feminism, Ecologism.
- CC-A-101.4 Comprehend the importance of debates like Protective discrimination and Citizenship

Note: The question paper will consist of nine questions. The candidate shall attempt five questions in all. Question No. 1 will be compulsory. The compulsory question will consist of four short answer type conceptual/thematic questions of equal marks (i.e. 6 marks each) spread over the whole syllabus. The Candidate shall attempt four more questions selecting at least one from each Unit. Each question will carry 24 marks.

Unit – 1 Political Theory: Meaning; Nature; Decline and Resurgence; significance.

Unit – 2 Concepts – Democracy, Liberty, Equality, Justice, Rights.

Unit – 3 Ideologies – Marxism, Liberalism, Feminism, Ecologism.

Unit –4 Debates – Protective discrimination (Affirmative action), Citizenship, Changing Nature of State.

Suggested Readings

1. A. Arblaster, *Democracy*, 2nd edn., Open University Press, Buckingham, 1994.
2. A. Vincent, *The Nature of Political Theory*, Oxford University Press, New York, 2004.
3. A. Cobban, 'The Decline of Political Theory,' *Political Science Quarterly*, 1953, LXVIII, pp. 321-337.
4. A. Heywood, *Political Theory: An Introduction*, Palgrave Macmillan, London, 2013.
5. A. Heywood, *Political Ideologies: An Introduction*, Palgrave Macmillan, London, 2012.
6. B. Richard, *Citizenship: A Very Short Introduction*, Oxford University press, Oxford, 2008.
7. D. Bhuyan, *Understanding Political Theory*, Kitab Mahal, Cuttack, 2016.
8. D. Held, *Political Theory Today*, Polity Press, Cambridge, 1991.
9. J. Chapman, 'The Feminist Perspective', in Marsh, D. and Stoker, G. (eds.) *Theory and Methods in Political Science*, Macmillan, London, 1995, pp. 94-114.
10. J. C. Johari, *Contemporary Political Theory: New Dimensions, Basic Concepts and Major Trends*, Sterling, New Delhi, 2007.
11. J. C. Johari, *Rajnitik Siddhanth*, SBPD, Agra, 2015.
12. J. K. Baral et al., *Political Theory: Concepts, issues and ideologies*, Vidyapuri, Cuttack, 2015.
13. N. Dadhich, *Samsamayik Rajnitik Siddhanth*, Rawat, Jaipur, 2015.
14. O. P. Gauba, *An Introduction To Political Theory*, 8th edn, Mayur, New Delhi, 2019.
15. O. P. Gauba, *Rajniti Siddhanth ki Ruprekha*, Mayur, New Delhi, 2018.
16. R. Bhargava and A. Acharya (eds.), *Political Theory: An Introduction*, Pearson Longman, New Delhi, 2008.
17. R. Bellamy, 'Introduction: The Demise and Rise of Political Theory', in Bellamy, R. (ed.) *Theories and Concepts of Politics*, Manchester University Press, New York, 1993, pp. 1-14.
18. S. Ramaswamy, *Political Theory – Ideas and Concepts* 2nd edn. , PHI Learning, New Delhi, 2015.

Mapping Matrix of Course CC-A 101

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and Pos

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs.

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course (CC-A-101) assuming that there are 8 POs and 4COs.

Table 2: CO-PO Matrix for the Course CC-A- 101

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CC-A-101.1	3	3	3	2	3	-	3	3
CC-A-101.2	3	3	3	2	3	-	3	3
CC-A-101.3	3	3	3	2	3	-	3	3
CC-A-101.4	3	3	3	2	3	-	3	3
Average	3	3	3	2	3	-	3	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course (CC-A-101) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course CC-A – 101

CO	PSO 1	PSO 2	PSO 3	PSO 4
CC-A-101.1	3	3	3	3
CC-A-101.2	3	3	3	3
CC-A-101.3	3	3	3	3
CC-A-101.4	3	3	3	2
Average	3	3	3	2.75

Semester II

CC-B 201

Indian Government and Politics

Credit: 06

Max. Marks: 150

Internal Marks: 30

External marks: 120

Time: 3 Hours

Objective: The paper aims at introducing the students to major political processes and institutions that are integral to politics in India.

Course Outcomes:

After the completion of this course, the students will be able to:

- CC-B-201.1 Understand the philosophy of Indian Constitution.
- CC-B-201.2 Comprehend the functioning of Legislature, Executive & Judiciary.
- CC-B-201.3 Develop a deeper understanding of Centre – State relations.
- CC-B-201.4 Analyse the role of Caste, Religion, Region in Indian Politics.

Note: The question paper will consist of nine questions. The candidate shall attempt five questions in all. Question No. 1 will be compulsory. The compulsory question will consist of four short answer type conceptual/thematic questions of equal marks (i.e. 6 marks each) spread over the whole syllabus. The Candidate shall attempt four more questions selecting at least one from each Unit. Each question will carry 24 marks.

- Unit – 1** Indian Constitution – Basic features, Preamble, Fundamental Rights & Directive Principles, Fundamental Duties.
- Unit – 2** Institutional functioning – Union & State – Legislature, Executive & Judiciary.
- Unit – 3** Federalism- Centre – State relations, Demand for state autonomy, Emerging trends in Indian Federalism.
- Unit – 4** Political Parties and Electoral Politics- Role of Caste, Religion, Region in Indian Politics, Emerging Trends & challenges in Indian Politics.

Suggested Readings

1. G. Austin, *The Indian Constitution: Corner Stone of a Nation*, Oxford University Press, Oxford, 1966.
2. P. Bardhan, *The Political Economy of Development in India*, Oxford Blackwell, London, 1984.
3. D.D.Basu, *An Introduction to the Constitution of India*, Prentice Hall, New Delhi, 1994.
4. C.P. Bhambri, *The Indian State: Fifty Years*, Shipra, New Delhi, 1999.
5. K.R. Bombwall, *The Foundations of Indian Federalism*, Asia Publishing House, Bombay, 1967.
6. P.R. Brass, *Politics of India Since Independence*, 2nd edn., Cambridge University Press, Cambridge, 1994.
7. N. Chandhoke, *Beyond Secularism: The Rights of Religious Minorities*, Oxford University Press, Delhi, 1999.
8. B.L. Fadia, *State Politics in India*, 2 Vols., Radiant, New Delhi, 1984.
9. A. Kaushik, *Democratic Concerns: The Indian Experience*, Alekh, Jaipur, 1994.
10. S. Kaviraj, *Politics in India*, Oxford University Press, Delhi, 1998.
11. A. Kohli (ed.), *India's Democracy: An Analysis of Changing State-Society Relations*, Princeton University Press, Princeton NJ, 1988.
12. A. Kohli, (ed), *The Success of India's Democracy*, Cambridge University Press, Cambridge, 2001.
13. R. Kothari, *Caste and Politics in India*, Orient Longman, New Delhi 1970.
14. R. Kothari, *Politics in India*, Orient Longman, New Delhi, 1970.
15. W.H. Morris Jones, *Government and Politics in India*, BI Publications, Delhi, 1974.
16. M.V. Pylee, *An Introduction to the Constitution of India*, Vikas Publication, New Delhi, 1998.
17. Abbas, *Indian Government and Politics*, Pearson, New Delhi, 2012.
18. Neera Chandoke, *Contemporary India*, Pearson, New Delhi, 2012.
19. Pravin Kumar Jha, *Indian Politics in Comparative Perspective*, Pearson, New Delhi, 2012.
20. Pravin Kumar Jha, *Tulnatamak Paripekchay Mein Bhartiya Rajniti*, Pearson, New Delhi, 2012.

Mapping Matrix of Course CC-B 201

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course (CC-B-201) assuming that there are 8 POs and 4COs.

Table 2: CO-PO Matrix for the Course CC-B- 201

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CC-B-201.1	3	3	3	2	3	-	3	3
CC-B-201.2	3	3	3	2	3	-	3	3
CC-B-201.3	3	3	3	2	3	-	3	3
CC-B-201.4	3	3	3	2	3	-	3	3
Average	3	3	3	2	3	-	3	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course (CC-B-201) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course CC-B – 201

CO	PSO 1	PSO 2	PSO 3	PSO 4
CC-B-201.1	3	3	3	3
CC-B-201.2	3	3	3	3
CC-B-201.3	3	3	3	3
CC-B-201.4	3	3	3	3
Average	3	3	3	3

Semester III

CC-C 301

Introduction to International Relations

Credit: 06

Max. Marks: 150
Internal Marks: 30
External marks: 120
Time: 3 Hours

Objective: The paper aims to acquaint the students with major concepts and theories that are central to the understanding of contemporary International Relations.

Course Outcomes:

After the completion of this course, the students will be able to:

- CC-C-301.1 Understand the nature, scope, development of international relations.
- CC-C-301.2 Comprehend the major approaches of international relations like idealism, realism, liberalism and Marxism.
- CC-C- 301.3 Develop an understanding of various concepts of International Politics.
- CC-C-301.4 Gain deeper understanding of contemporary challenges like terrorism, climate change and human rights.

Note: The question paper will consist of nine questions. The candidate shall attempt five questions in all. Question No. 1 will be compulsory. The compulsory question will consist of four short answer type conceptual/thematic questions of equal marks (i.e. 6 marks each) spread over the whole syllabus. The Candidate shall attempt four more questions selecting at least one from each Unit. Each question will carry 24 marks.

Unit – 1 Meaning, Nature, Scope and development of International Relations, Autonomy debate, origin and end of Cold war.

Unit – 2 Approaches – Idealism, Realism, Liberalism, Marxism.

Unit –3 Concepts – Power, Balance of Power, National Ideology , National Interest, Collective Security.

Unit – 4 Contemporary Challenges – Terrorism, Climate Change, Human Rights.

Suggested Readings

1. A.A. Couloumbis and J.H. Wolf, *Introduction to International Relations: Power and Justice*, Praegar, New York, 1989.
2. A. Heywood, *Global Politics*, Palgrave MacMillan, New York, 2011.
3. A. Heywood, *Key Concepts in Politics and International Relations*, Palgrave MacMillan, New York, 2000.
4. A. Kumar, *Antarrashtriya Sambandhon Ke Siddhant*, Pearson, New Delhi, 2012.
5. B. L. Fadia and K. Fadia, *Antarrashtriya Sambandh*, SBPD, Agra, 2019.
6. C. Brown and K. Ainley, *Understanding International Relations*, Palgrave, Basingstoke, 2009.
7. H. Bull, 'The Balance of Power and International Order', in M. Smith and R. Little (eds.), *Perspectives on World Politics*, Routledge, New York, 2005, pp. 115-124.
8. J. A. Tickner, *Gendering World Politics: Issues and Approaches in the Post – Cold War Era*, Columbia University Press, Columbia, 2001.
9. J. Baylis and S. Smith (eds.), *Globalization of World Politics*, 5th edn., Oxford University Press, Oxford, 2011.
10. M. Kumar, *Antarrashtriya Rajniti Ke Saidhantik Paksh*, Shivlal Agarwala & Company, Agra, 1984.
11. M. Kumar, *Theoretical Aspects of International Politics*, Shivlal Agarwala & Company, Agra, 2017.
12. M. Nicholson, *International Relations: A Concise Introduction*, Palgrave, New York, 2002.
13. P. Ghosh, *International Relations*, PHI Learning Private Limited, New Delhi, 2015.
14. R. Basu, (ed.), *International Politics: Concepts, Theories and Issues*, Sage, New Delhi, 2012.
15. R. Jackson and G. Sorensen, *Introduction to International Relations: Theories and Approches*, 3rd edn., Oxford University Press, Oxford, 2007.
16. R. Mansbach and K. Taylor, *Introduction to Global Politics*, Routledge, New York, 2008.
17. J. Goldstein and J. C. Pevehouse, *International Relations*, Pearson, New York, 2009.
18. S. Lawson, *International Relations*, Polity Press, Cambridge, 2003.
19. S.P. Verma, *International System and the Third World*, Vikas Publications, New Delhi, 1988.
20. V. K. Malhotra, *International Relations*, 5th edn., Surjeet Publications, New Delhi, 2019.
21. V. N. Khanna, *International Relations*, 5th edn., Vikas Publications, New Delhi, 2013.
22. V. N. Khanna, *Antarrashtriya Sambandh*, SBPD, New Delhi, 2015.

Mapping Matrix of Course CC-C 301

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course (CC-C-301) assuming that there are 8 POs and 4COs.

Table 2: CO-PO Matrix for the Course CC-C- 301

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CC-C-301.1	3	3	3	2	3	-	3	3
CC-C-301.2	3	3	3	2	3	-	3	3
CC-C-301.3	3	3	3	2	3	-	3	3
CC-C-301.4	3	3	3	2	3	-	3	3
Average	3	3	3	2	3	-	3	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course (CC-C-301) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course CC-C – 301

CO	PSO 1	PSO 2	PSO 3	PSO 4
CC-C-301.1	3	3	3	3
CC-C-301.2	3	3	3	3
CC-C-301.3	3	3	3	3
CC-C-301.4	3	3	3	2
Average	3	3	3	2.75

Semester IV

CC-D 401

Comparative Government & Politics

Credit: 06

Max. Marks: 150

Internal Marks: 30

External marks: 120

Time: 3 Hours

Objective: The paper aims to acquaint the students with the Meaning, Nature and Scope of Comparative Politics and enable them make a comparative analysis of various political systems.

Course Outcomes:

After the completion of this course, the students will be able to:

- CC-D-401.1 Understand the nature, scope, traditional and modern concerns of comparative politics.
- CC-D-401.2 Comprehend the approaches of comparative politics.
- CC-D-401.3 Develop an understanding of constitutionalism and its history, nature and types.
- CC-D-401.4 Compare the political institutions of UK, USA and India.

Note: The question paper will consist of nine questions. The candidate shall attempt five questions in all. Question No. 1 will be compulsory. The compulsory question will consist of four short answer type conceptual/thematic questions of equal marks (i.e. 6 marks each) spread over the whole syllabus. The Candidate shall attempt four more questions selecting at least one from each Unit. Each question will carry 24 marks.

Unit –1 Comparative Politics – Nature, Scope, Traditional & Modern Concerns; Comparative Methods.

Unit –2 Approaches to the study of Comparative Politics – Input – Output (David Easton), Structural-Functional (G. Almond), Political Development (Lucian W. Pye), Political Culture (G. Almond).

Unit – 3 Constitutionalism: History, Nature, Type and Problem in Modern Times.

Unit – 4 Comparing Political Institutions – UK, USA and India-: Legislature, Executive & Judiciary.

Suggested Readings

1. G.A. Almond and J.S. Coleman, *The Politics of the Developing Areas*, Princeton University Press, Princeton NJ, 1960.
2. G.A. Almond, and S. Verba, *The Civic Culture : Political Attitudes and Democracy in Five Nations*, , Princeton University Press, Princeton NJ, 1963.
3. G.A. Almond, *Comparative Politics Today: A World View*, 7th edn., Harper/Collins, New York, London, 2000.
4. D.E. Apter, *The Politics of Modernization*, University of Chicago Press, Chicago, 1965.
5. A.Bebler and J. Seroka (eds.), *Contemporary Political Systems: Classifications and Typologies*, Lynne Reinner Publishers, Boulder Colorado, 1990.
6. L.J.Cantori and A.H. Zeigler (ed.), *Comparative Politics in the Post-Behaviouralist Era*, Lynne Reinner Publisher, London, 1988.
7. O. Dunleavy and B.O' Leary, *Theories of Liberal Democratic State*, Macmillan, London, 1987.
8. R. Hauge and M. Harrop, *Comparative Government and Politics. An Introduction*, 5th edn., Palgrave, New York, 2001.
9. H. Finer, *Theory and Practice of Modern Government*, Methuen, London, 1969.
10. J.C. Johari, *Comparative Political Theory: New Dimensions, Basic Concepts and Major Trends*, Sterling, New Delhi, 1987.
11. K. Kumar, *Revolution: The Theory and Practice of a European Idea*, Weidenfeld and Nicolson, London, 1971.
12. R.C. Macridis, *The Study of Comparative Government*, Doubleday, New York, 1955.
13. R.C. Macridis and R.E. Ward, *Modern Political Systems: Europe, and Asia*, 2nd edn. Prentice Hall, Englewood Cliffs NJ, 1968.
14. J. Manor (ed.), *Rethinking Third World Politics*, Longman, London, 1991.
15. R.C. Macridis, *Modern European Governments: Cases in Comparative Policy – Making*, Prentice Hall, Englewood Cliffs NJ, 1968.
16. L.W. Pey (ed.), *Communication and Political Development*, Princeton University Press, Princeton NJ, 1963.
17. R.I. Rotberg (ed.), *Politics and Political Change: A Journal of Inter-Disciplinary History Reader*, MIT Press, Massachusetts, 2001.
18. H.J. Wiarda (ed.), *New Developments in Comparative Politics*, Westview Press, Boulder Colorado, 1986.

Mapping Matrix of Course CC-D 401

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome.
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome..
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome.

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course (CC-D-401) assuming that there are 8 POs and 4COs.

Table 2: CO-PO Matrix for the Course CC-D- 401

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CC-D-401.1	3	3	3	2	3	-	3	3
CC-D-401.2	3	3	3	2	3	-	3	3
CC-D-401.3	3	3	3	2	3	-	3	3
CC-D-401.4	3	3	2	2	3	-	3	3
Average	3	3	2.75	2	3	-	3	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course (CC-D-401) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course CC-D – 401

CO	PSO 1	PSO 2	PSO 3	PSO 4
CC-D-401.1	3	2	3	3
CC-D-401.2	3	3	3	3
CC-D-401.3	3	3	2	3
CC-D-401.4	3	3	3	2
Average	3	2.75	2.75	2.75

Semester IV

SEC Gender & Law in India

Credit: 02

Max. Marks: 50

Internal Marks: 10

External marks: 40

Time: 2 Hours

Objective: The paper aims at acquainting the students with a concept of gender and the legal provisions in India with regard to gender.

Course Outcomes:

After the completion of this course, the students will be able to:

SEC.1 Understand about gender and sex and biological differentiation, social construction and gender sensitization.

SEC.2 Gain a deeper knowledge of legal provisions related to gender.

Note: The question paper will consist of five questions. The candidate shall attempt three questions in all. Question No. 1 will be compulsory. The compulsory question will consist of two short answer type conceptual/thematic questions of equal marks spread over the whole syllabus. The Candidate shall attempt two more questions selecting at least one from each Unit. Each question carries equal marks.

Unit –1 Gender & Sex: Biological Differentiation, Social Construction; Gender Sensitization: meaning and scope, LGBTQ Issues.

Unit – 2 Domestic Violence Act 2005
Criminal Law Amendment Act 2014
Section 377 of Criminal Procedure Code.

Suggested Readings

1. J. Ann Tickner, "Gender in World Politics" in John Baylis et al., (eds), *The Globalization Of World Politics : An Introduction to International Relations*, Oxford University Press, New York, 2014.
2. Manisha Pathak Shelat, *Communication For Gender Sensitization*, Concept, New Delhi, 2004.
3. M.P Jain et al., *Indian Constitution Law*, LexisNexis, New Delhi, 2018.
4. Indira Jaising (eds.), *Handbook on Law of Domestic Violence*, LexisNexis, New Delhi, 2009.
5. Shobha Saxena, *Crime Against Women and Protective Laws*, Deep & Deep, New Delhi, 2000.
6. K.L Vibhute, *Criminal Law*, LexisNexis, New Delhi, 2019.
7. Lisa M. Stulberg, *LGBTQ Social Movements*, Polity Press, Cambridge, 2018.
8. Mayank Khari and Aditya Gupta, *A Collection of Articles on Contemporary Legal Issues*, Educreation, New Delhi, 2018.
9. Alok Gupta, "Section 377 and the Dignity of Indian Homosexuals", *Economic & Political Weekly*, 41 (46), 2006.
10. Sumit Saurabh Srivastava, "Disciplining the 'Desire': Straight State and LGBT Activism in India", *Sociological Bulletin*, 63 (3), 2014.
11. Virginie Dutoya, "Defining the 'Queers' in India: The Politics of Academic Representation", *India Review*, 15 (2), 2016.

Mapping Matrix of Course SEC

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course (SEC) assuming that there are 8 POs and 2COs.

Table 2: CO-PO Matrix for the Course SEC

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
SEC.1	3	3	3	2	3	-	3	3
SEC.2	3	3	3	2	3	-	3	3
Average	3	3	3	2	3	-	3	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course (SEC) assuming that there are 4 PSOs and 2COs.

Table 3: CO-PSO Matrix for the Course SEC

CO	PSO 1	PSO 2	PSO 3	PSO 4
SEC.1	3	2	3	3
SEC.2	3	2	3	2
Average	3	2	3	2.5

Semester V

**DSE A 501
India's Foreign Policy**

Credit: 06

Max. Marks: 150
Internal Marks: 30
External marks: 120
Time: 3 Hours

Objective: The paper aims at acquainting the students with the core elements of India's Foreign Policy and its relations vis-a-vis other states.

Course Outcomes:

After the completion of this course, the students will be able to:

- | | |
|-------------|--|
| DSE-A-501.1 | Understand the nature, objectives, evolution and determinants of India's foreign policy. |
| DSE-A-501.2 | Comprehend the role of Foreign Policy making institutions.. |
| DSE-A-501.3 | Analyse India's engagement with the international and regional organisations. |
| DSE-A-501.4 | Understand the challenges to India's foreign policy. |

Note: The question paper will consist of nine questions. The candidate shall attempt five questions in all. Question No. 1 will be compulsory. The compulsory question will consist of four short answer type conceptual/thematic questions of equal marks (i.e. 6 marks each) spread over the whole syllabus. The Candidate shall attempt four more questions selecting at least one from each Unit. Each question will carry 24 marks.

- | | |
|-----------------|--|
| Unit – 1 | Foreign Policy – Meaning, Nature, Objectives, Evolution and determinants. |
| Unit – 2 | Foreign Policy making Institutions – Parliament, Ministry of External Affairs, Cabinet, National Security Council. |
| Unit – 3 | India's engagement with UN, SAARC, ASEAN, BRICS. |
| Unit – 4 | Challenges to India's Foreign Policy – Cross-border Terrorism, Environment concern, Human Trafficking. |

Suggested Readings

1. R.S. Yadav, *Bharat Ki Videsh Niti* (in Hindi), Pearson, New Delhi, 2012.
2. R.S. Yadav & Suresh Dhanda, eds., *India's Foreign Policy: Contemporary Trends*, Shipra, New Delhi, 2009.
3. Jayanta Kumar Ray, *India's Foreign Relations: 1947 -2007*, Routledge, New Delhi, 2015.
4. J.N. Dixit, *Bhartiya Videsh Niti* (in Hindi), Parbhat Parkashan, New Delhi, 2018.
5. Sumit Ganguly, eds., *Bharat ki videsh niti : Purvalokan Evam Sambhavanayein* (in Hindi), Oxford University Press, New Delhi, 2018.
6. David M. Malone, *Does the Elephant Dance? : Contemporary Indian Foreign Policy*, Oxford University Press, New Delhi, 2011.
7. David M. Malone et al., *The Oxford Handbook Of Indian Foreign Policy*, Oxford University Press, New Delhi, 2015.
8. J. Bandhopadhyaya, *The Making of India's Foreign Policy*, Allied, Calcutta, 1979.
9. V.P. Dutt, *India's Foreign Policy in a Changing World*, Vikas Publications, New Delhi, 1999.
10. N.K. Jha (ed.), *India's Foreign Policy in a Changing World*, South Asian Publishers, New Delhi, 2000.
11. H. Kapur, *India's Foreign Policy: 1947-1993*, Sage, New Delhi, 1994.
12. N. Jetley, *India's Foreign Policy: Challenges and Prospects*, Janaki Prakashan, New Delhi, 1985.
13. S. Mansingh (ed.), *India's Foreign Policy in the 21st Century*, Foreign Policy Institute, New Delhi, 1999.
14. R. Thakur, *Politics and Economics of India's Foreign Policy*, Oxford University Press, Delhi, 1993.
15. C. Raja Mohan, *Crossing The Rubicon: The Shaping of India's New Foreign Policy*, Viking, New Delhi, 2003.
16. N.S. Sisodia & C. Uday Bhaskar, eds., *Emerging India: Security and Foreign Policy Perspective*, Promilla, New Delhi, 2007.
17. Rajen Harshe & K.M. Seethi, eds., *Engaging with the World: Critical Reflections on India's Foreign Policy*, Orient longman, New Delhi, 2005.
18. Anand Mathur & Sohanlal Meena, eds., *India Profile in Polycentric World Order*, RBSA, Jaipur, 2008.
19. Annpurna Nautial, ed., *Challenges to India's Foreign Policy in the New Era*, New Delhi, 2006.
20. Atish Sinha & Madhup Mahota, eds., *Indian Foreign Policy: Challenges and Opportunities*, Academic Publication, New Delhi, 2007.
21. Anjali Ghosh & others, *India's Foreign Policy*, Pearson Publication, New Delhi, 2012.

Mapping Matrix of Course DSE-A – 501

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course (DSE-A-501) assuming that there are 8 POs and 4COs.

Table 2: CO-PO Matrix for the Course DSE-A– 501

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
DSE-A-501.1	3	3	3	2	3	-	3	3
DSE-A-501.2	3	3	3	2	3	-	3	3
DSE-A-501.3	3	3	3	2	3	-	3	3
DSE-A-501.4	3	3	3	2	3	-	3	3
Average	3	3	3	2	3	-	3	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course (DSE-A-501) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course DSE-A – 501

CO	PSO 1	PSO 2	PSO 3	PSO 4
DSE-A-501.1	3	3	2	3
DSE-A-501.2	3	3	2	3
DSE-A-501.3	3	3	2	3
DSE-A-501.4	3	3	2	3
Average	3	3	2	3

Semester V

DSE A 502 Indian Constitution

Credit: 06

Max. Marks: 150
Internal Marks: 30
External marks: 120
Time: 3 Hours

Objective: The paper aims at introducing the students to the constitutional provisions and political processes that are integral to politics in India.

Course Outcomes:

After completion of this course, the students will be able to:

- | | |
|-------------|--|
| DSE-A-502.1 | Understand the making of Indian constitution along with the debates of constituent assembly. |
| DSE-A-502.2 | Comprehend the amendment procedure of the constitution and the debate about the basic structure of the constitution. |
| DSE-A-502.3 | Develop an understanding of various Constitutional statutory bodies. |
| DSE-A-502.4 | Understand the working of election commission, electoral process and voting- behavior. |

Note: The question paper will consist of nine questions. The candidate shall attempt five questions in all. Question No. 1 will be compulsory. The compulsory question will consist of four short answer type conceptual/thematic questions of equal marks (i.e. 6 marks each) spread over the whole syllabus. The Candidate shall attempt four more questions selecting at least one from each Unit. Each question will carry 24 marks.

- | | |
|-----------------|---|
| Unit – 1 | Making of Indian Constitution: Composition and Historical background, debates in Constitutional Assembly, Sources. |
| Unit – 2 | Constitution Amendment -procedure, Basic structure- Kesavananda Bharti Case & Minerva Mills Case; Constitution Review. |
| Unit – 3 | Constitutional Statutory bodies – CAG, National Commission for SC, ST, National Commission for Human Rights, National Commission for Women, National Commission for Minorities. |
| Unit – 4 | Election Commission, Electoral Process and its defects and Voting-behaviour, electoral reforms, Problem of Defection. |

Suggested Readings

1. G.Austin, *Working a Democratic Constitution: The Indian Experience*, Oxford University Press, Delhi, 2000.
2. P. Brass, *The Politics of India Since Independence*, 2nd edn., Cambridge University Press, Cambridge, 1994.

3. Mahendra Prasad Singh and Himanshu Roy (ed.), *Bhartiya Rajnitik Parnali: Sanrachna, Niti, Aur Vikas* (in Hindi), Hindi Madhyam Karyanavan Nideshalaya, New Delhi, 2016.
4. P. Chatterjee (ed.), *States and Politics in India*, Oxford University Press, Delhi, 1997.
5. Niraja Gopal Jayal and Pratap Bhanu Mehta (ed.), *Politics in India*, Oxford University Press, New Delhi, 2011.
6. F. Frankel, *India's Political Economy, 1947-77: The Gradual Revolution*, Princeton University Press, Princeton NJ, 1978.
7. A. H. Hanson and J. Douglas, *India's Democracy*, Vikas Publication, New Delhi, 1972.
8. N. Jayal, *Democracy and the State: Welfare, Secularism and Development in Contemporary India*, Oxford University Press, Delhi, 1999.
9. N. Jayal (ed.), *Democracy in India*, Oxford University Press, Delhi, 2001.
10. Atul Kohli, *Democracy and Discontent: India's Growing Crisis of Governability*, Cambridge University Press, Cambridge, 1990.
11. Atul Kohli (ed.), *India's Democracy: An Analysis of Changing State- Society Relations*, Princeton University Press, Princeton NJ, 1988.
12. Atul Kohli (ed.), *The Success of India's Democracy*, Cambridge University Press, Cambridge, 2001.
13. R. Kothari, *Politics in India*, Orient Longman, Delhi, 1970.
14. R. Kothari, *Democratic Polity and Social Change in India*, Allied, Delhi, 1976
15. R. Kothari, *State Against Democracy: In Search for Humane Governance*, Ajanta, Delhi, 1988.
16. W. H. Morris-Jones, *Politics Mainly Indian*, Orient Longman, Delhi, 1978.
17. D. Sheth, "Caste and class: social reality and political representations" in V.A. Pai Panandikar and A. Nandy (eds.), *Contemporary India*, Tata MacGraw-Hill, Delhi, 1999.
18. M.N. Srinivas, *Social Change in Modern India*, Allied Publishers, Bombay, 1966.
19. Varshney (ed.), *The Indian Paradox: Essays in Indian Politics*, Sage, New Delhi, 1989.
20. J. Sachs, A. Varshney and N. Bajpai (eds.), *India in the Era of Economic Reforms*, Oxford University Press, Oxford, 1999.
21. Parvin Kumar Jha, *Tulnatamak Paripekchay mein Bhartiya Rajniti* (in Hindi), Pearson, New Delhi, 2011.
22. Nawab Singh Sombanshy, *Bharatiya Samvidhan ek Samagra Avlokan* (in Hindi), Pearson, New Delhi, 2011.

Mapping Matrix of Course DSE-A – 502

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course (DSE-A-502) assuming that there are 8 POs and 4COs.

Table 2: CO-PO Matrix for the Course DSE-A– 502

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
DSE-A-502.1	3	3	3	2	3	-	3	3
DSE-A-502.2	3	3	3	2	3	-	3	3
DSE-A-502.3	3	3	3	2	3	-	3	3
DSE-A-502.4	3	3	3	2	3	-	3	3
Average	3	3	3	2	3	-	3	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course (DSE-A-502) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course DSE-A – 502

CO	PSO 1	PSO 2	PSO 3	PSO 4
DSE-A-502.1	3	3	2	3
DSE-A-502.2	3	3	3	3
DSE-A-502.3	3	3	2	2
DSE-A-502.4	3	3	3	3
Average	3	3	2.5	2.75

Semester VI
DSE B 601
United Nations Organization

Credit: 06

Max. Marks: 150
Internal Marks: 30
External marks: 120
Time: 3 Hours

Objective: The paper aims at acquainting the students with the historical evolution of international organization. It also explores the working of United Nations.

Course Outcomes:

After the completion of this course, the students will be able to:

- | | |
|-------------|--|
| DSE-B-601.1 | Understand the evolution and growth of international organisation. |
| DSE-B-601.2 | Comprehend the working of the organs of the United Nations. |
| DSE-B-601.3 | Critically analyse the UN role in establishing peace. |
| DSE-B-601.4 | Develop a deeper understanding of democratization process of UN. |

Note: The question paper will consist of nine questions. The candidate shall attempt five questions in all. Question No. 1 will be compulsory. The compulsory question will consist of four short answer type conceptual/thematic questions of equal marks (i.e. 6 marks each) spread over the whole syllabus. The Candidate shall attempt four more questions selecting at least one from each Unit. Each question will carry 24 marks.

Unit-1 Evolution and Growth of International Organization: League & UN System, Comparison between League and UN Systems.

Unit –2 Organs of the United Nations.

Unit –3 Working of UN towards Peace: Peace-Making, Peace-Enforcement, Peace-Building and Peace-Keeping.

Unit -4 UN & Disarmament; Democratization of UN and India's Claim for Permanent Seat; and Assessment of UN.

Suggested Readings

1. Richard K. Ashley, "The Eye of Power: The Politics of World Modelling," International Organization, Vol. 37, No. 3, 1983.
2. Inis Claude, Changing United Nations, Random House, New York, 1967.
3. Inis Claude, Swords into ploughshares: The Problems and Progress of International organisations, Random House, New York, 1971.
4. S.J.R. Bilgrami, International Organisation, Vikas Publication, New Delhi, 1971.
5. E. Laurd, A History of the United Nations, Macmillan, London, 1989.
6. R.C. Angell, The Quest for World Order, Michigan Press, Ann Arbor University, 1979.
7. A.L. Bennett, International Organizations : Principles and Issues, Prentice Hall, Englewood Cliffs NJ, 1977.
8. H.G. Nicholas, The UN as a Political Institution, Oxford University Press, Oxford, 1975.
9. W.H. Lewis (ed.), The Security Role of the United Nations, Praegar, New York, 1991.
10. Ronald Meltzer, "Restructuring the UN System, Institutional Reform, Efforts in the Context of North-South Relations," International Organization, Vol. 32, No. 4, 1978.
11. Ronald Yalem, "Conflicting Approaches to World Order," Alternatives, Vol. 5, 1979-1980.
12. P. Baehr and L. Gordenker, The United Nations in the 1990s, Oxford University Press, London, 1992.
13. Rikhey, Strengthening UN Peace keeping, Hurst and Co., London, 1993.
14. K. P. Saxena, Reforming the United Nations: The Challenge and Relevance, Sage, New Delhi, 1993.

Mapping Matrix of Course DSE-B – 601

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course (DSE-B–601) assuming that there are 8 POs and 4COs.

Table 2: CO-PO Matrix for the Course DSE-B– 601

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
DSE-B-601.1	3	3	3	2	2	-	3	3
DSE-B-601.2	3	3	2	2	2	-	3	3
DSE-B-601.3	3	3	3	2	3	-	3	3
DSE-B-601.4	3	3	3	2	3	-	3	3
Average	3	3	2.75	2	2.5	-	3	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course (DSE-B–601) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course DSE-B – 601

CO	PSO 1	PSO 2	PSO 3	PSO 4
DSE-B-601.1	3	3	2	3
DSE-B-601.2	3	3	2	2
DSE-B-601.3	3	3	3	2
DSE-B-601.4	3	3	3	3
Average	3	3	2.5	2.5

Semester V
GE-1 506
Indian Polity

Credit: 06

Max. Marks: 150
Internal Marks: 30
External marks: 120
Time: 3 Hours

Objective: Paper aims to acquaint the student about the basic features of Indian Constitution along with its institutional arrangements.

Course Outcomes:

After the completion of this course, the students will be able to:

- GE-1 506.1 Understand the basic features of Indian Constitution.
- GE-1 506.2 Comprehend the functioning of Union Legislature and Executive.
- GE-1 506.3 Develop a deeper understanding of Executive and Legislature at state level.
- GE-1 506.4 Understand the functioning of Indian Judiciary.

Note: The question paper will consist of nine questions. The candidate shall attempt five questions in all. Question No. 1 will be compulsory. The compulsory question will consist of four short answer type conceptual/thematic questions of equal marks (i.e. 6 marks each) spread over the whole syllabus. The Candidate shall attempt four more questions selecting at least one from each Unit. Each question will carry 24 marks.

- Unit-1** Constitutional Foundations: Basic Features of the Indian Constitution, Preamble, Fundamental Rights, Directive Principles of State Policy.
- Unit-2** Union Executive and Legislature: President, Prime Minister, Council of Ministers, Parliament.
- Unit –3** State Executive and Legislature: Governor, Chief Minister, State Legislature.
- Unit- 4** Judiciary: Supreme Court, High Courts, Judicial Review, judicial Activism.

Suggested Readings

1. G. Austin, The Indian Constitution Cornerstone of a Nation, OLIP, Oxford, 1966
2. S. Kaviraj, Politics in India, OUP, Delhi, 1998
3. A. Kholi, (ed.), The Success of India's Democracy, Cambridge University Press, Cambridge, 2001
4. R. Kothari, Politics in India, Orient Longman, New Delhi, 1970
5. WH Morris Jones, Government and Politics in India, BI Publications, Delhi, 1974
6. Neera Chandoke, Contemporary India, Pearson, New Delhi, 2012
7. PR Brass, Politics of India since Independence, Cambridge University Press, Cambridge, 1994.
8. M V Pylee, An Introduction to the Constitution of India, Vikas Publications, New Delhi, 1998.
9. B. Chakrabarty & R K Pandey, Indian Government and Politics, Sage, New Delhi, 2008.
10. MP Singh & R. Saxena, Indian Politics: Constitutional Foundations and Institutional Functioning, PHI, New Delhi, 2011.

Mapping Matrix of Course GE – 01

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course (GE–01) assuming that there are 8 POs and 4COs.

Table 2: CO-PO Matrix for the Course GE– 01

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
GE-1 506.1	3	3	3	2	3	-	3	3
GE-1 506.2	3	3	3	2	3	-	3	3
GE-1 506.3	3	3	3	2	3	-	3	3
GE-1 506.4	3	3	3	2	3	-	3	3
Average	3	3	3	2	3	-	3	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course (GE–01) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course GE – 01

CO	PSO 1	PSO 2	PSO 3	PSO 4
GE-1 506.1	3	3	3	2
GE-1 506.2	3	3	3	2
GE-1 506.3	3	3	3	2
GE-1 506.4	3	3	3	2
Average	3	3	3	2

Semester VI
DSE B 603
Indian Democracy

Credit: 06

Max. Marks: 150
Internal Marks: 30
External marks: 120
Time: 3 Hours

Objective: The paper aims at acquainting the students with the Concept, Nature and Structure of Democracy in India.

Course Outcomes:

After the completion of this course, the students will be able to:

- | | |
|-------------|--|
| DSE-B-603.1 | Understand the nature and structure of Indian democracy. |
| DSE-B-603.2 | Analyse the role of NGOs, media, public opinion and various social movements in the democratic system. |
| DSE-B-603.3 | Comprehend the party system, election and voting behavior in India. |
| DSE-B-603.4 | Develop a deeper understanding of the challenges to Indian democracy. |

Note: The question paper will consist of nine questions. The candidate shall attempt five questions in all. Question No. 1 will be compulsory. The compulsory question will consist of four short answer type conceptual/thematic questions of equal marks (i.e. 6 marks each) spread over the whole syllabus. The Candidate shall attempt four more questions selecting at least one from each Unit. Each question will carry 24 marks.

Unit – 1 Concept, Nature and structure of Indian Democracy.

Unit – 2 New Social movements, Role of NGOs, Significance of Media, Public opinion, Peasant movements.

Unit – 3 Party System in India, National and Regional parties, Elections and Voting behaviour in India.

Unit – 4 Challenges to Indian Democracy: Communalism, Casteism, Regional chauvinism, Secessionism.

Suggested Readings

1. G.Austin, Working a Democratic Constitution: A History of The Indian Experience, Oxford University Press, Delhi, 2000.
2. P. Brass, The Politics of India Since Independence, 2nd edn., Cambridge University Press, Cambridge, 1994.
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8. N. Jayal, Democracy and the State: Welfare, Secularism and Development in Contemporary India, Oxford University Press, Delhi, 1999.
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10. Atul Kohli, Democracy and Discontent: India's Growing Crisis of Governability, Cambridge University Press, Cambridge, 1990.
12. Atul Kohli (ed.), India' Democracy : An Analysis of Changing State- Society Relations, Princeton University Press, Princeton NJ, 1988.
13. Atul Kohli (ed.), The Success of India's Democracy, Cambridge University Press, Cambridge, 2001.
13. R. Kothari, Politics in India, Orient Longman, Delhi, 1970.
14. R. Kothari, Democratic Polity and Social Change in India, Allied, Delhi, 1976
15. R. Kothari, State Against Democracy: In Search for Humane Governance, Ajanta, Delhi, 1988.
16. W. H. Morris-Jones, Politics Mainly Indian, Orient Longman, Delhi 1978.
17. D. Sheth, "Caste and class : social reality and political representations" in V.A. Pai Panandikar and A. Nandy (eds.), Contemporary India, Tata MacGraw-Hil, Delhi, 1999.
18. M.N. Srinivas, Social Change in Modern India, Allied Publishers, Bombay 1966.
19. Varshney (ed.), The Indian Paradox: Essays in Indian Politics, Sage, New Delhi, 1989.
20. J. Sachs, A. Varshney and N. Bajpai (eds.), India in the Era of Economic Reforms, Oxford University Press, Oxford, 1999.
21. Parvin Kumar Jha, Tulnatamak Paripekchay mein Bhartiya Rajniti (in Hindi), Pearson, New Delhi, 2011.
22. Nawab Singh Sombanshy, Bharatiya Samvidhan ek Samagra Avlokan (in Hindi), Pearson, New Delhi, 2011.

Mapping Matrix of Course DSE-B – 603

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course (DSE-B–603) assuming that there are 8 POs and 4COs.

Table 2: CO-PO Matrix for the Course DSE-B– 603

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
DSE-B-603.1	3	3	3	2	2	-	3	3
DSE-B-603.2	3	3	2	2	2	-	3	3
DSE-B-603.3	3	3	2	2	3	-	3	3
DSE-B-603.4	3	3	3	2	3	-	3	3
Average	3	3	2.5	2	2.5	-	3	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course (DSE-B–603) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course DSE-B – 603

CO	PSO 1	PSO 2	PSO 3	PSO 4
DSE-B-603.1	3	3	3	3
DSE-B-603.2	3	3	3	2
DSE-B-603.3	3	3	3	2
DSE-B-603.4	3	3	3	3
Average	3	3	3	2.5

Semester VI
GE-2- 606
India and the World

Credit: 06

Max. Marks: 150
Internal Marks: 30
External marks: 120
Time: 3 Hours

Objective: The paper aims to enable the students to develop an understanding of India's foreign policy and India's relations with other countries.

Course Outcomes:

After the completion of this course, the students will be able to:

- GE-2-606.1 Understand the nature and determinants of India's foreign policy.
- GE-2-606.2 Comprehend India's relations with major powers like USA, USSR and Russia.
- GE-2-606.3 Develop a deeper understanding of India's engagement with its neighbours.
- GE-2-606.4 Analyse India's nuclear policy along with India's role in the UN and NAM.

Note: The question paper will consist of nine questions. The candidate shall attempt five questions in all. Question No. 1 will be compulsory. The compulsory question will consist of four short answer type conceptual/thematic questions of equal marks (i.e. 6 marks each) spread over the whole syllabus. The Candidate shall attempt four more questions selecting at least one from each Unit. Each question will carry 24 marks.

- Unit-1** Meaning, Nature, Determinants and Making of India's Foreign Policy.
- Unit-2** India's Relations with Major Powers: USA, USSR & Russia.
- Unit-3** India and its Neighbours: China, Pakistan, small Neighbours, and SAARC.
- Unit-4** India's Nuclear Policy, India and the United Nations, India and NAM.

Suggested Readings

1. R.S. Yadav, *Bharat Ki Videsh Niti* (In Hindi), Pearson , New Delhi, 2013.
2. R.S. Yadav & Suresh Dhanda, eds., *India's Foreign Policy: Contemporary Trends*, Shipra, New Delhi, 2009.
3. R.S. Yadav (ed.) *India's Foreign Policy Towards 2000 A.D.*, Deep & Deep publication, New Delhi, 1993.
4. J. Bandhopadhyaya, *The Making of India's Foreign Policy*, Allied, Calcutta, 1979.
5. N.K Jha (ed.) , *India's Foreign Policy in a Changing World* , South Asian Publishers, New Delhi, 2000.
6. C. Raja Mohan, *Crossing The Rubicon: The shaping of India's New Foreign Policy*, Viking, New Delhi, 2003.
7. N S. Sisodida & C Uday Bhaskar, eds., *Emerging India : Security and Foreign Policy perspective*, Promilla, New Delhi, 2007.
8. Rajen Harshe & KM. Sethi, eds, *Engaging With the World : Critical Reflections on India's Foreign Policy*, Orient Longman, New Delhi, 2005.
9. Anand Mathur & Sohan Lal Meena, eds., *India Profile in Polycentric world orders*, RBSA, Jaipur, 2008.
10. Jayanta Kumar Roy, *India's Foreign Relations, 1947-2007*, Routledge, New Delhi, 2011.
11. Anjali Ghosh, et al., *India's Foreign Policy*, Pearson Publication, New Delhi, 2012.

Mapping Matrix of Course GE-2

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course (GE-2) assuming that there are 8 Pos and 4COs.

Table 2: CO-PO Matrix for the Course GE-2

CO	PO	PO	PO	PO	PO	PO	PO	PO
	1	2	3	4	5	6	7	8
GE-2-606.1	3	3	3	2	3	-	3	3
GE-2-606.2	3	3	3	2	3	-	3	3
GE-2-606.3	3	3	3	2	3	-	3	3
GE-2-606.4	3	3	3	2	3	-	3	3
Average	3	3	3	2	3	-	3	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course (GE-2) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course GE – 2

CO	PSO 1	PSO 2	PSO 3	PSO 4
GE-2-606.1	3	3	3	3
GE-2-606.2	3	3	3	3
GE-2-606.3	3	3	3	3
GE-2-606.4	3	3	3	3
Average	3	3	3	3

Kurukshetra University, Kurukshetra
Scheme of Examination and Syllabus for B.A. (General)
Under Choice based credit system (w.e.f. 2020-21)
In Phased Manner
Subject: Psychology

Scheme of examination of the Course along with POs, PSOs, COs and Mapping Matrix

PROGRAMME OUTCOMES (POs):-

Programme Outcomes (PO) of Bachelor of Arts (General) CBCS Programmes/Courses in the Institute of Integrated and Honours Studies, Kurukshetra University, Kurukshetra.

- PO 1** Demonstrate a detailed knowledge and understanding of selected fields of study in core disciplines in the humanities, social sciences and languages;
- PO 2** Apply critical and analytical skills and methods to the identification and resolution of problems within complex changing social contexts.
- PO 3** Demonstrate a general understanding of the concepts and principles of selected areas of study outside core disciplines of the humanities, social sciences and languages;
- PO 4** Apply an independent approach to knowledge that uses rigorous methods of inquiry and appropriate theories;
- PO 5** Articulate the relationship between diverse forms of knowledge and the social, historical and cultural contexts that produced them;
- PO 6** Communicate effectively and show ability to read, write, listen to and speak in a chosen language/s with fluency;
- PO 7** Act as informed and critically discerning participants within the community of scholars, as citizens and in the work force;
- PO 8** Work with independence, self-reflection and creativity to meet goals and challenges in the workplace and personal life.

PROGRAMME SPECIFIC OUTCOMES (PSOs):-

- PSO1** Students will be able to acquire and explore understanding of different theoretical concepts for study of human behavior
- PSO2** Students will be able to acquire understanding of main psychological processes, domains of human development and theoretical understanding of various mental disorders.
- PSO3** Students will be able to handle psychological tools and demonstrate ethical application of skills in Psychological testing, Counselling and other helping areas.
- PSO4** Students will be able to have empirical understanding of different psychological phenomena for promotion of health and well-being.

Scheme & Syllabus of B.A (General), Psychology under CBCS w.e.f Session 2020-21 in Phased Manner for the regular students of IIHS, KUK

Semester	COURSE	Paper	Nomenclature of Paper	Credits	Internal Marks	External Marks	Total	Duration of Exam	Workload (Hours/Week)
I	CC-Psychology – A	Paper-101	Foundations of Psychology	4	20	80	100	3 Hrs.	4 Hrs.
		Paper-102	Foundations of Psychology Practical	2	10	40	50	3 Hrs.	4 Hrs.
II	CC-Psychology – B	Paper – 201	Social Psychology	4	20	80	100	3 Hrs.	4 Hrs.
		Paper – 202	Social Psychology Practical	2	10	40	50	3 Hrs.	4 Hrs.
III	CC-Psychology – C	Paper – 301	Experimental Psychology	4	20	80	100	3 Hrs.	4 Hrs.
		Paper – 302	Experimental Psychology Practical	2	10	40	50	3 Hrs.	4 Hrs.
IV	CC-Psychology – D	Paper – 401	Development Psychology	4	20	80	100	3 Hrs.	4 Hrs.
		Paper – 402	Development Psychology Practical	2	10	40	50	3 Hrs.	4 Hrs.
	SEC-Psychology-I	*Any one SEC Paper from AECC-PSY-P-01 to P-04							
		AECC-PSY-P-01	Managing Stress (Theory + Workshops/Seminars)	2	10	40	50	3 Hrs.	4 Hrs.
		AECC-PSY-P-02	Making decisions (Theory + Workshops/Seminars)	2	10	40	50	3 Hrs.	4 Hrs.
		AECC-PSY-P-03	Applications of Social Psychology (Theory + Workshops/Seminars)	2	10	40	50	3 Hrs.	4 Hrs.
		AECC-PSY-P-04	Handling of Adolescent Problems	2	10	40	50	3 Hrs.	4 Hrs.
V	DSE-Psychology – A	Paper – 501	Psychopathology	4	20	80	100	3 Hrs.	4 Hrs.
		Paper – 502	Psychopathology Practical	2	10	40	50	3 Hrs.	4 Hrs.
		OR							
		Paper – 503	Health and Well-being	4	20	80	100	3 Hrs.	4 Hrs.
		Paper – 504	Health and well-being Practical	2	10	40	50	3 Hrs.	4 Hrs.
		Paper – 505	*MOOC Course from Swayam Portal	**			***		
	GE-I	GE-Psychology - 506	Foundations of Psychology	4	20	80	100	3 Hrs.	4 Hrs.
		GE-Psychology – 507	Foundations of Psychology Practical	2	10	40	50	3 Hrs.	4 Hrs.
VI	DSE-Psychology – B	DSE-Psychology-601	Applied Psychology	4	20	80	100	3 Hrs.	4 Hrs.
		DSE-Psychology – 602	Applied Psychology Practical	2	10	40	50	3 Hrs.	4 Hrs.
		OR							
		DSE-Psychology – 603	Counselling Psychology	4	20	80	100	3 Hrs.	4 Hrs.
		DSE-Psychology – 604	Counselling Psychology Practical	2	10	40	50	3 Hrs.	4 Hrs.
	GE-2	GE-Psychology - 606	Social Psychology	4	20	80	100	3 Hrs.	4 Hrs.
		GE-Psychology – 607	Social Psychology Practical	2	10	40	50	3 Hrs.	4 Hrs.

KURUKSHETRA UNIVERSITY
B.A. (General) Psychology, Semester –I
Paper- 101
Foundations of Psychology

Credit-4
Max. Marks 80+20(Internal)
Time: 3 hrs.

Course Outcomes:

After the completion of this course, the students will be able to:

- Paper – 101.1 demonstrate an understanding of the foundational concepts of the human mind and behaviour.
Paper – 101.2 understand the structure and function of Nervous systems.
Paper – 101.3 demonstrate comprehension of the theoretical concepts of emotion and motivation including the influencing factors.
Paper – 101.4 able to identify various approaches and factors affecting personality and intelligence.

Note: The question paper will consist of NINE questions out of which the candidate would be required to attempt FIVE questions. Each question will carry 16 marks. The first question will be compulsory and will have 8 short answer questions uniformly spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each of the four units. The candidate would be required to attempt ONE question from each unit.

UNIT – 1

Introduction: Nature and Scope of Psychology; Psychology as a Science and Present Status, Psychology in India.
Methods to Study Behaviour: Interview, Case study and Experimental.

UNIT – II

Biological Basis of Behaviour: Neurons: Structure and types. Nerve Conduction and Synapse. Central and Peripheral Nervous System.

UNIT – III

Emotion: Nature, Factors affecting. Theories: James-Lange, Cannon- Bard and Schachter-Singer.
Motivation: Needs, Drives, Incentives, Biological and Social Motives.

UNIT – IV

Personality: Nature, Factors affecting Personality, and Theories: Allport, Cattell and Eysenck.
Intelligence: Nature and Factors affecting intelligence.
Theories: Spearman, Thurstone, and Cattell.

References:

- Baron, R.A & Misra, G. (2014). Psychology. New Delhi: Pearson Education.
Ciccarelli, S.K., Meyer, G.E. & Misra, G. (2013). Psychology: South Asian Edition. New Delhi: Pearson Education.
Passer, M.W & Smith, R.E. (2013). Psychology: The Science of Mind and Behaviour. New Delhi: Tata McGraw-Hill
Chaplin, T., & Krawiec, T.S. (1979). Systems & Theories of Psychology (4th Ed.). New York: Holt Rinehart.
Singh, A. And Singh, U. (1984). Samanya Manovigyan. Bhiwani: Vaidic Prakashan

Mapping Matrix of Course Paper-101

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course Paper-101 assuming that there are 8 POs and 4COs.

Table 2: CO-PO Matrix for the Course Paper-101

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
Paper-101.1	3	3	2	3	3	-	-	2
Paper-101.2	3	3	3	3	2	-	-	2
Paper-101.3	3	3	3	3	3	-	-	3
Paper-101.4	3	3	3	3	3	-	-	3
Average	3	3	2.75	3	2.75	-	-	2.5

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course Paper-101 – assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course Paper-101

CO	PSO 1	PSO 2	PSO 3	PSO 4
Paper-101.1	3	3	2	3
Paper-101.2	3	3	2	2
Paper-101.3	3	2	3	3
Paper-101.4	3	3	3	2
Average	3	2.75	2.5	2.5

B.A. (General) Psychology, Semester –I

Paper- 102

Foundations of Psychology

Practical

Credit - 2

Max. Marks 40+10(Internal)

Time: 3 hrs.

Course Outcomes:

After the completion of this course, the students will be able to:

Paper – 102.1 acquaint with various kinds of apparatus and other measuring instruments.

Paper – 102.2 design and conduct experiments/tests related to their theory paper.

1. NEO-FFI
2. Retinal Colour Zones/Colour Blindness
3. Sound Localization
4. Study of Emotions.
5. Simple Reaction Time
6. Verbal Test of Intelligence.
7. Performance Test of Intelligence/RPM.
8. Observation (Speed & Accuracy).
9. 16PF Questionnaire
10. Motivation.

Note: Students are to Conduct and report at least five practical.

The examiner will allot one practical at the time of examination

Mapping Matrix of Course Paper-102

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course **Paper-102**

assuming that there are 8 POs and 2COs.

Table 2: CO-PO Matrix for the Course Paper-102

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
Paper-102.1	3	3	3	2	3	2	-	3
Paper-102.2	3	3	3	3	2	2	-	3
Average	3	3	3	2.5	2.5	2	-	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course **Paper-102**

– assuming that there are 4 PSOs and 2COs.

Table 3: CO-PSO Matrix for the Course Paper-102

CO	PSO 1	PSO 2	PSO 3	PSO 4
Paper-102.1	3	3	3	3
Paper-102.2	3	2	3	3
Average	3	2.5	3	3

KURUKSHETRA UNIVERSITY
B.A. (General) Psychology, Semester –II
Paper- 201
Social Psychology

Credit - 4
Max. Marks 80+20(Internal)
Time: 3 hrs.

Course Outcomes:

After the completion of this course, the students will be able to:

- Paper – 201.1 demonstrate an understanding of the foundational concepts of social behaviour and methods of study.
Paper – 201.2 demonstrate understanding of socialization process, person perception, attribution and attitude.
Paper – 201.3 able to acquaint with interpersonal processes and pro social behaviour.
Paper –201.4 understand the concept of leadership and dynamics of group and collective behaviour.

Note: The question paper will consist of NINE questions out of which the candidate would be required to attempt FIVE questions. The first question will be compulsory having 16 Marks and will have 8 short answer questions uniformly spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each of the four units having 12 Marks each. The candidate would be required to attempt ONE question from each unit.

Unit 1:

Introduction: Meaning, History, Scope and Present Status of Social Psychology.
Determinants of Social Behaviour. Method: Observation, Sociometry and Survey.

Unit 2

Socialization: Nature, Process and Agencies.
Individual level processes: Person perception: Nature and Determinants, Attribution: Fundamental Errors, Determinants and Theories-Jones and Davis, and Kelly.
Attitude: Nature, Formation, Change and Resistance to Change.

Unit 3

Interpersonal processes: Interpersonal Attraction: Nature, Determinants and Theories- Social Learning and Exchange Theory. Pro-social behaviour: Meaning, Stages and Determinants. Aggression: Nature, Causes and Control.

Unit 4

Group Behaviour: Meaning and Formation of Group, Types, Functions of Group.
Leadership: Nature, Characteristics and Types.
Collective Behaviour: Crowd, Audience and Mob.

References:

- Baron, R.A., Byrne, D. & Bhardwaj, G (2010). Social Psychology (12th Ed). New Delhi: Pearson.
Chadha, N.K. (2012). Social Psychology. MacMillan: New Delhi.
McDavid, J. W. & Harrari, H. (1968). Social Psychology. New York: Harper & Row.
Kretch and Crutchfield (1948). Theory and Problems of Social Psychology. New York: McGraw Hill.
Myers, D.G. (2008). Social psychology. New Delhi: Tata McGraw-Hill.

Mapping Matrix of Course Paper-201

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course **Paper-201**

assuming that there are 8 POs and 4COs.

Table 2: CO-PO Matrix for the Course Paper-201

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
Paper 201.1	3	3	3	3	3	-	-	2
Paper 201.2	3	3	3	3	3	-	-	2
Paper 201.3	3	3	3	3	3	-	-	2
Paper 201.4	3	3	3	3	3	-	-	2
Average	3	3	3	3	3	-	-	2

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course **Paper-201**– assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course Paper-201

CO	PSO 1	PSO 2	PSO 3	PSO 4
Paper 201.1	3	2	2	3
Paper 201.2	3	2	2	3
Paper 201.3	3	2	2	3
Paper 201.4	3	3	2	3
Average	3	2.25	2	3

KURUKSHETRA UNIVERSITY
B.A. (General) Psychology, Semester –II
Paper-202
Social Psychology
Practical

Credit - 2
Max. Marks 40+10(Internal)
Time: 3 hrs.

Course Outcomes:

After the completion of this course, the students will be able to:

- Paper – 202.1 acquaint with various kinds of measuring instruments.
Paper – 202.2 conduct tests related to their theory paper.

1. Sociometry
2. Measurement of Attitude
3. Altruism Scale
4. Stereotypes
5. Aggression Scale
6. Prejudice Scale
7. Leadership Styles
8. Social Facilitation
9. Rosenwig's P.F. Tests
10. Social Conformity

Note: Students are to Conduct and report at least five practical.
The examiner will allot one practical at the time of examination

Mapping Matrix of Course Paper-202

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course **Paper-202**

assuming that there are 8 POs and 2COs.

Table 2: CO-PO Matrix for the Course Paper-202

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
Paper 202.1	3	2	2	3	3	2	2	3
Paper 202.2	3	3	3	3	3	3	2	3
Average	3	2.5	2.5	3	3	2.5	2	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course **Paper-202**

– assuming that there are 2 PSOs and 4COs.

Table 3: CO-PSO Matrix for the CoursePaper-202

CO	PSO 1	PSO 2	PSO 3	PSO 4
Paper 202.1	3	2	3	3
Paper 202.2	3	2	3	3
Average	3	2	3	3

KURUKSHETRA UNIVERSITY
B.A. (General) Psychology, Semester –III
Paper- 301
Experimental Psychology

Credit - 4
Max. Marks 80+20(Internal)
Time: 3 hrs.

Course Outcomes:

After the completion of this course, the students will be able to:

- Paper – 301.1 develop understanding regarding Experimental Procedure and Sensory Processes.
- Paper – 301.2 develop understanding regarding nature and methods of Psychophysics.
- Paper – 301.3 acquaint with understanding of Learning and Memory.
- Paper – 301.4 acquire understanding regarding Problem Solving and elementary Statistics.

Note: The question paper will consist of NINE questions out of which the candidate would be required to attempt FIVE questions. Each question will carry 16 marks. The first question will be compulsory and will have 8 short answer questions uniformly spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each of the four units. The candidate would be required to attempt ONE question from each unit.

UNIT – 1

Experimental Psychology: Nature and Historical Development, Experimental Method.
Sensory Processes: Nature and Types: Visual and Auditory. Attention: Nature and Characteristics.

UNIT – II

Psychophysics: Nature, Concept of Continuum, and Problems. Methods of Classical Psychophysics: Method of Limits, Average Error and Constant Stimuli.

UNIT – III

Learning: Definition, Factors affecting. Types of Learning: Trial and Error, Insight and Classical Conditioning.
Memory: Process and Types, Methods to study memory.

UNIT – IV

Problem Solving: Stages of Problem Solving, Convergent and Divergent thinking.
Statistics: Frequency Distribution, Graphical Presentation of Data, Measures of Central Tendency.

References:

- Atkinson, R.L., Atkinson, R.L, et al. (1985) *Introduction to Psychology*. N. Y.: HBJ Publishers.
- D' Amato, M.R. (2001) *Experimental Psychology: Methodology, Psychophysics and Learning*. New Delhi: McGraw Hill.
- Garrett, H.E. Statistics in Psychology and Education. Bombay: Vakils, Feffer and Simons Pvt. Ltd.
- Kapil, H.K. (2012). Elements of statistics (In Social Sciences). Agra: Shri Vinod PustakMandir.
- Singh, A.K. (2009) *UchattarSamanayaManovigyan*. Delhi: Moti Lal Banarsidas.
- Singh, A. & Singh, U. (1984). *PrayogatamakManovigyan*. Bhiwani: Vedic Prakashan.
- Singh, R. & Shyam, R. (2008) *AdhunikSangyanatmakManovigyan*. Panchkula: Haryana SahityaAkadami.

Mapping Matrix of Course Paper-301

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course **Paper-301** assuming that there are 8 POs and 4COs.

Table 2: CO-PO Matrix for the Course Paper-301

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
Paper-301.1	3	3	3	3	2	-	-	2
Paper-301.2	3	3	3	3	2	-	-	2
Paper-301.3	3	3	3	3	3	-	-	2
Paper-301.4	3	3	3	3	2	-	-	2
Average	3	3	3	3	2.25	-	-	2

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course **Paper-301**– assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course Paper-301

CO	PSO 1	PSO 2	PSO 3	PSO 4
Paper-301.1	3	2	2	2
Paper-301.2	3	3	2	2
Paper-301.3	3	3	2	3
Paper-301.4	3	2	2	3
Average	3	2.5	2	2.5

KURUKSHETRA UNIVERSITY
B.A. (General) Psychology, Semester –III
Paper- 302
Experimental Psychology
Practical

Credit - 2
Max. Marks 40+10(Internal)
Time: 3 hrs.

Course Outcomes:

After the completion of this course, the students will be able to:

Paper – 302.1 acquaint with various kinds of apparatus and other measuring instruments.

Paper – 302.2 design and conduct experiments related to their theory paper.

1. Span of Attention.
2. ALby Method of Constant Stimuli
3. DL by Method of limits.
4. Muller-LyreIllusion
5. Bilateral Transfer of Training
6. Maze Learning
7. Experiment on STM
8. Experiment on LTM
9. Retroactive Inhibition
10. Problem Solving

Note: Students are to Conduct and report at least five practical.
The examiner will allot one practical at the time of examination

Mapping Matrix of Course Paper-302

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course **Paper-302** assuming that there are 8 POs and 2 COs.

Table 2: CO-PO Matrix for the Course Paper-302

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
Paper-302.1	3	3	3	3	-	2	-	3
Paper-302.2	3	3	3	3	-	3	-	3
Average	3	3	3	3	-	2.5	-	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course **Paper-302**– assuming that there are 4 PSOs and 2 COs.

Table 3: CO-PSO Matrix for the Course Paper-302

CO	PSO 1	PSO 2	PSO 3	PSO 4
Paper-302.1	3	2	3	3
Paper-302.2	3	2	3	3
Average	3	2	3	3

KURUKSHETRA UNIVERSITY
B.A. (General) Psychology, Semester –IV
Paper- 401
Development Psychology

Credit - 4

Max. Marks 80+20(Internal)
Time: 3 hrs.

Course Outcomes:

After the completion of this course, the students will be able to:

- Paper – 401.1 develop understanding regarding concepts, process, domains and different perspectives of Human Development.
- Paper – 401.2 grasp understanding of beginning of human life and birth process.
- Paper – 401.3 inculcate knowledge regarding course & nature of development across life Span
- Paper – 401.4 understand the transitional processes during adolescence and old age.

Note: The question paper will consist of NINE questions out of which the candidate would be required to attempt FIVE questions. Each question will carry 16 marks. The first question will be compulsory and will have 8 short answer questions uniformly spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each of the four units. The candidate would be required to attempt ONE questions from each unit.

UNIT – 1

Human Development: Concept, Domains, Issues, and Determinants. Major Perspectives: Psychodynamic, Behavioural and Contextual.

Research Designs to Study Development: Longitudinal, Cross-Sectional and Sequential.

UNIT – II

Earliest Development: Basic of Genetics, Transmission of Genetics information, Inherited and Genetic Disorders.

Prenatal Development: Fertilization, Stages and Threats to Development in the Prenatal Environment.

Process of Birth and Approaches to Child Birth.

UNIT – III

Infancy and Childhood: Physical, Cognitive and Social Development; Environmental Influences.

Brain Development: Development of Neurons, Cerebral Cortex and Sensitive Periods in Brain Development.

UNIT – IV

Adolescence: Physical and Sexual Maturation; Nutrition and Eating disorders.

Threats to Adolescent's WellBeing: Illegal drugs, Alcohol abuse, Smoking and Sexually Transmitted Infections.

Aging: Physical Transitions in old age, Physical and Psychological disorders.

References:

- .Berk, L.E. (2004). *Development Through the Life Span*. Delhi: Pearson Education.
- Hurlock, E.B. (2001) *Developmental Psychology: A life-span approach*. New Delhi: Tata McGraw Hill.
- Lal, J.N., & Srivasstava, A. (2001) *Modern Developmental Psychology*. Agra: Vinod PustakBhandar.
- Sheffer, D.R. & Katherine, K. (2007). *Developmental Psychology: Childhood And Adolescence* New York: Thomson Wadsworth.
- Santrock, J.W. (1997). *Life Span Development*. Dubuque: Brown and Benchmark.

Mapping Matrix of Course Paper-401

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course Paper-401 assuming that there are 8 POs and 4COs.

Table 2: CO-PO Matrix for the Course Paper-401

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
Paper-401.1	3	3	3	3	3	-	-	2
Paper-401.2	3	3	3	3	2	-	-	-
Paper-401.3	3	3	3	3	3	-	-	3
Paper-401.4	3	3	3	3	3	-	-	3
Average	3	3	3	3	2.75	-	-	1.75

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course Paper-401 – assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course Paper-401

CO	PSO 1	PSO 2	PSO 3	PSO 4
Paper-401.1	3	3	3	3
Paper-401.2	3	3	2	3
Paper-401.3	3	3	2	3
Paper-401.4	3	3	3	3
Average	3	3	2.5	3

KURUKSHETRA UNIVERSITY
B.A. (General) Psychology, Semester –IV
Paper- 402
Development Psychology
Practical

Credit - 2
Max. Marks 40+10 (Internal)
Time: 3 hrs.

Course Outcomes:

After the completion of this course, the students will be able to:

Paper – 402.1 acquaint with various measuring instruments.

Paper – 402.2 conduct tests related to their theory paper.

1. Parent Child Relationship Scale
2. Family Environment Scale
3. Self-Concept Inventory
4. Self Esteem Inventory
5. Emotional Maturity Scale
6. Youth Problem Inventory
7. Study of Values
8. School Environment Inventory
9. Impulsiveness scale
10. Case study

Note: Students are to Conduct and report at least five practical.

The examiner will allot one practical at the time of examination

Mapping Matrix of Course Paper-402

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course Paper-402 assuming that there are 8 POs and 2COs.

Table 2: CO-PO Matrix for the Course Paper-402

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
Paper-402.1	3	3	3	3	2	2	-	3
Paper-402.1	3	3	3	3	3	3	-	3
Average	3	3	3	3	2.5	2.5	-	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course paper-402 – assuming that there are 4 PSOs and 2COs.

Table 3: CO-PSO Matrix for the CoursePaper-402

CO	PSO	PSO 2	PSO 3	PSO 4
Paper-402.1	3	3	3	3
Paper-402.1	3	3	3	3
Average	3	3	3	3

KURUKSHETRA UNIVERSITY
B.A. (Pass Course) Psychology Semester –IV
Choice Based Credit System
Paper- SEC: AEEC-PSY-P-01
Managing Stress

Credit - 2
Max. Marks 40+10(Internal)
Time: 3 hrs.

Course Outcomes:

After the completion of this course, the students will be able to:

Paper – SEC: AEEC-PSY-P-01.1 acquaint with the main symptoms and sources of stress

Paper – SEC: AEEC-PSY-P-01.2 learn different ways of coping with stress.

Note: The question paper will consist of NINE questions out of which the candidate would be required to attempt FIVE questions. Each question will carry 8 marks. The first question will be compulsory and will have 4 short answer questions uniformly spread over entire syllabus. The remaining EIGHT questions will be set taking Four questions from each of the Two units. The candidate would be required to attempt ONE questions from each unit.

UNIT – 1

Stress: Nature of Stress, Symptoms of Stress, Sources of Stress, Stress and Health.

UNIT – II

Managing stress: Methods- Yoga, Meditation, Relaxation Techniques, Problem Focused and Emotion Focused Approaches.

References:

DiMatteo, M.R. & Martin, L.R (2002). Health Psychology, New Delhi: Pearson.

Neiten, W. & Lloyd, M.A. (2007). Psychology applied to Modern life. Thomson Detmar Learning

Taylor, S.E. (2006). Health Psychology, 6th Edition, New Delhi: Tata McGraw Hill.

Mapping Matrix of Course Paper- AEEC-PSY-P-01

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course AEEC-PSY-P-01 assuming that there are 8 POs and 2 COs.

Table 2: CO-PO Matrix for the Course AEEC-PSY-P-01

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
AEEC-PSY-P-01.1	3	3	3	3	2	-	-	2
AEEC-PSY-P-01.2	3	3	3	3	3	-	-	2
Average	3	3	3	3	2.5	-	-	2

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course - AEEC-PSY-P-01– assuming that there are 4 PSOs and 2 COs.

Table 3: CO-PSO Matrix for the Course- AEEC-PSY-P-01

CO	PSO 1	PSO 2	PSO 3	PSO 4
AEEC-PSY-P-01.1	3	3	2	3
AEEC-PSY-P-01.2	3	3	3	3
Average	3	3	2.5	3

KURUKSHETRA UNIVERSITY
B.A. (Pass Course) Psychology Semester
Choice Based Credit System
Paper- SEC: AEEC-PSY-P-02
Making decisions

Credit - 2
Max. Marks 40+10(Internal)
Time : 3 hrs.

Course Outcomes:

After the completion of this course, the students will be able to:

Paper – SEC: AEEC-PSY-P-02.1 develop appreciation for decision making in life

Paper –SEC: AEEC-PSY-P-02.2 develop skills for decision Making in various domains of daily life.

Note: The question paper will consist of NINE questions out of which the candidate would be required to attempt FIVE questions. Each question will carry 8 marks. The first question will be compulsory and will have 4 short answer questions uniformly spread over entire syllabus. The remaining EIGHT questions will be set taking Four questions from each of the Two units. The candidate would be required to attempt ONE questions from each unit.

UNIT – 1

Introduction:Basic Concepts of Decision Making, Importance of Making Good Decisions, Self-efficacy

UNIT – II

Making Effective Decisions: Decisions Regarding Career, Decision Making in Interpersonal Context, Decision Making at the Workplace.

References:

Adler, R.B & Proctor, R.F (2009). Communication Goals and Approaches. Wadsworth cengage Learning, India.

Chadha, N.K. & Bhatia, H. (2014). Career Development-different voices, different choices. The Readers Paradise: New Delhi.

Sherfield, R.M., Montgomery, R.J., & Moody, P.G. (2009). Developing soft skills. Pearson Education, India.

Mapping Matrix of Course Paper-AEEC-PSY-P-02

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course **AEEC-PSY-P-02** assuming that there are 8 POs and 2COs.

Table 2: CO-PO Matrix for the Course AEEC-PSY-P-02

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
AEEC-PSY-P-02.1	3	3	3	3	3	-	-	2
AEEC-PSY-P-02.2	3	3	3	3	3	-	-	3
Average	3	3	3	3	3	-	-	2.5

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course **AEEC-PSY-P-02**– assuming that there are 4 PSOs and 2COs.

Table 3: CO-PSO Matrix for the Course AEEC-PSY-P-02

CO	PSO 1	PSO 2	PSO 3	PSO 4
AEEC-PSY-P-02.1	3	2	2	3
AEEC-PSY-P-02.2	3	2	3	3
Average	3	2	2.5	3

KURUKSHETRA UNIVERSITY
B.A. (Pass Course) Psychology Semester
Choice Based Credit System
Paper- SEC: AEEC-PSY-P-03

Applications of Social Psychology

Credit-2

Max. Marks 40+10(Internal)

Time: 3 hrs.

Course Outcomes:

After the completion of this course, the students will be able to:

Paper – SEC: AEEC-PSY-P-03.1 inculcate knowledge regarding various principles of Social Psychology.

Paper – SEC: AEEC-PSY-P-03.2 get exposure regarding strategies of dealing with Social issues.

Note: The question paper will consist of NINE questions out of which the candidate would be required to attempt FIVE questions. Each question will carry 8 marks. The first question will be compulsory and will have 4 short answer questions uniformly spread over entire syllabus. The remaining EIGHT questions will be set taking Four questions from each of the Two units. The candidate would be required to attempt ONE questions from each unit.

UNIT – 1

Introduction:Importance of Application of Social Psychological Knowledge, Developing Interventions, Impact Analysis, Case Studies in the Indian context.

UNIT – II

Applications of Social Psychology:Diversity, Health, Environment, Population, Law and Work.

References:

Kloos, B., Hill, J., Thomas, E., Wandersman, Elias, M. J., & Dalton, J.H. (2012) Community Psychology: Linking individuals and communities. Wadsworth, Cenage.

Schneider, F.W., Gruman, A., Coult, L. M. (Eds.), (2012), Social psychology: Understanding and addressing social and practical problems. New Delhi: Sage Publications.

Mapping Matrix of Course Paper-AEEC-PSY-P-03

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course **AEEC-PSY-P-03** assuming that there are 8 POs and 2COs.

Table 2: CO-PO Matrix for the Course AEEC-PSY-P-03

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
AEEC-PSY-P-03.1	3	3	3	3	3	-	-	2
AEEC-PSY-P-03.2	3	3	3	3	3	-	-	3
Average	3	3	3	3	3	-	-	2.5

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course **AEEC-PSY-P-03**– assuming that there are 4 PSOs and 2COs.

Table 3: CO-PSO Matrix for the Course AEEC-PSY-P-03

CO	PSO 1	PSO 2	PSO 3	PSO 4
AEEC-PSY-P-03.1	3	-	-	3
AEEC-PSY-P-03.2	3	-	-	3
Average	3	-	-	3

KURUKSHETRA UNIVERSITY
B.A. (Pass Course) Psychology Semester
Choice Based Credit System
Paper- SEC: AEEC-PSY-P-04

Handling of Adolescent Problems

Credit-2

Max. Marks 40+10(Internal)

Time: 3 hrs.

Course Outcomes:

After the completion of this course, the students will be able to:

Paper – SEC: AEEC-PSY-P-04.1 get awareness regarding different domains of Adolescent development.

Paper-SEC: AEEC-PSY-P-04.2 develop insight regarding different issues and coping strategies.

of adolescents and coping strategies

Note: The question paper will consist of NINE questions out of which the candidate would be required to attempt FIVE questions. Each question will carry 8 marks. The first question will be compulsory and will have 4 short answer questions uniformly spread over entire syllabus. The remaining EIGHT questions will be set taking Four questions from each of the Two units. The candidate would be required to attempt ONE question from each unit.

UNIT – 1

Adolescence: Nature ,Adolescent's Maturation, Pubertal Changes and Hormonal Influences.

Mental Health Issues: Stress, Anxiety, Depression and Suicide.

UNIT – II

Health Issues: Nutrition and Eating disorders. Substance Abuse - Smoking, Tobacco, Alcohol and other Substances. Sexually Transmitted Infections. Coping with Health Problems.

References:

Berk, L.E. (2004). Development Through the Life Span. Delhi: Pearson Education.

Sheffer, D.R. & Katherine, K. (2007). Developmental Psychology: Childhood And Adolescence New York: Thomson Wadsworth.

Santrock, J.W. (1997). Life Span Development. Dubuque: Brown and Benchmark.

Mapping Matrix of Course Paper-AEEC-PSY-P-04

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course AEEC-PSY-P-04 assuming that there are 8POs and 2COs.

Table 2: CO-PO Matrix for the Course AEEC-PSY-P-04

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
AEEC-PSY-P-04.1	3	3	3	3	3	-	-	2
AEEC-PSY-P-04.2	3	3	3	3	2	-	-	3
Average	3	3	3	3	2.5	-	-	2.5

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course AEEC-PSY-P-04 assuming that there are 4 PSOs and 2COs.

Table 3: CO-PSO Matrix for the Course AEEC-PSY-P-04

CO	PSO 1	PSO 2	PSO 3	PSO 4
AEEC-PSY-P-04.1	3	3	2	3
AEEC-PSY-P-04.2	3	3	2	3
Average	3	3	2	3

KURUKSHETRA UNIVERSITY

B.A. (General) Psychology, Semester –V

Paper- 501

Psychopathology

Credit - 4
Max. Marks 80+20(Internal)
Time: 3 hrs.

Courseoutcomes:After the completion of this course, the students will be able to:

Paper-501.1 inculcate understanding regarding abnormality from different perspectives.

Paper-501.2exposed towards different types of assessment and diagnostic classification.

Paper-501.3 develop understanding regarding anxiety disorders and substance abuse.

Paper-501.4understand different psychotic disorders and mental retardation.

Note: The question paper will consist of NINE questions out of which the candidate would be required to attempt FIVE questions. Each question will carry 16 marks. The first question will be compulsory and will have 8 short answer questions uniformly spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each of the four units. The candidate would be required to attempt ONE questions from each unit.

UNIT – I

Psychopathology: Nature and Historical Development.

Abnormality: Nature, Differentiation from Normality and Criteria.

Approaches to Psychopathology: Biological, Psychodynamic,Behavioural, Cognitive and Humanistic-Existential.

UNIT – II

Classification of Psychopathology: Need for classification, DSM Classification system up to DSM-IV-TR.

Diagnostic Assessment: Interview, Case History and Projective Techniques: Rorschach and Word Association Test.

UNIT – III

Anxiety Based Disorders: Generalized Anxiety Disorder, Obsessive Compulsive Disorder and Phobic

Disorders: Symptoms and Etiology.

Substance/Drug Abuse: Etiology, Consequences and Rehabilitation.

UNIT – IV

Mood Disorders: Unipolar and Bipolar-Symptoms and Etiology.

Schizophrenia: Symptoms, Etiology and Types.

Mental Retardation:Types, Causes and Management.

References:

Anand, V. and Srivastva, R. (2003). *ManovikritiVigyan*, Delhi: MotiLalBanarsiDas.

Carson, R.C.; Butcher, J.N., et al. (2007). *Abnormal Psychology*. (13th Ed.) New Delhi: Pearson Education.

Davison, G.C. & Neale, J.M. (1998). *Abnormal Psychology* (7th Ed.) New York: Willy.

Sarason, I.G. and Sarason, B.R. (2005). *Abnormal Psychology: The Problem of MaladaptiveBehaviour* (10th Ed.) New Delhi: Pearson Education Inc.

Singh, A.K. (2006). *AdhunikAsamanyaManovigyan*, Delhi: Moti Lal Banarasi Das.

Srivastava, D.N. (1991) *AdhunikAsamnyaManovigyan* (6th Ed.) Agra: Sahitya.

Mapping Matrix of Course Paper-501

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course **Paper-501**

assuming that there are 8 POs and 4COs.

Table 2: CO-PO Matrix for the Course Paper-501

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
Paper-501.1	3	3	3	3	3	-	-	2
Paper-501.2	3	3	3	3	3	-	-	2
Paper-501.3	3	3	3	3	3	-	-	2
Paper-501.4	3	3	3	3	3	-	-	2
Average	3	3	3	3	3	-	-	2

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course **Paper-501**– assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course Paper-501

CO	PSO 1	PSO 2	PSO 3	PSO 4
Paper-501.1	3	3	2	3
Paper-501.2	3	3	2	3
Paper-501.3	3	3	2	3
Paper-501.4	3	3	2	3
Average	3	3	2	3

KURUKSHETRA UNIVERSITY
B.A. (General) Psychology, Semester –V
Paper- 502
Psychopathology
Practical

Credit - 2
Max. Marks 40+10(Internal)
Time: 3 hrs.

Course Outcomes:

After the completion of this course, the students will be able to:

Paper – 502.1 acquaint with various kinds of measuring instruments.

Paper – 502.2 conduct tests related to their theory paper.

1. Clinical Interview
2. CAQ.
3. Depression Scale/Inventory
4. Anxiety Scale
5. Word Association Test (WAT)
6. PGI Memory Scale
7. Rorschach Inkblot Test
8. Case History
9. General Mental Ability Test
10. Defence Mechanism Inventory (DMI)

Note: Students are to Conduct and report at least five practical.
The examiner will allot one practical at the time of examination

Mapping Matrix of Course Paper-501

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course **Paper-502** assuming that there are 8 POs and 2 COs.

Table 2: CO-PO Matrix for the Course Paper-502

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
Paper-502.1	3	3	3	3	-	2	-	2
Paper-502.2	3	3	3	3	-	3	-	2
Average	3	3	3	3	-	2.5	-	2

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course Paper-502– assuming that there are 4 PSOs and 2 COs.

Table 3: CO-PSO Matrix for the Course Paper-502

CO	PSO 1	PSO 2	PSO 3	PSO 4
Paper-502.1	3	3	3	3
Paper-502.2	3	3	3	3
Average	3	3	3	3

KURUKSHETRA UNIVERSITY
B.A. (General) Psychology, Semester –V
Paper- 503
Health and Well-Being

Credit - 4
Max. Marks 80+20(Internal)
Time: 3 hrs.

Course outcomes: After the completion of this course, the students will be able to:

- | | |
|-------------|--|
| Paper-503.1 | gain understanding regarding the concept of Health and role of Psychology in it. |
| Paper-503.2 | get acquainted with Well-Being and its significance. |
| Paper-503.3 | develop insight into scientific knowledge regarding negative consequences of stress and other health related disorders . |
| Paper-503.4 | appreciate the positive impact of Health enhancing behaviours on Well-being and Mental health. |

Note: The question paper will consist of NINE questions out of which the candidate would be required to attempt FIVE questions. Each question will carry 16 marks. The first question will be compulsory and will have 8 short answer questions uniformly spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each of the four units. The candidate would be required to attempt ONE questions from each unit.

UNIT – 1

Introduction to Health Psychology: Nature, Goals and Scope. Relationship between Mind and Body. Emergence of Health Psychology.

UNIT – II

Well-being: Components of Well-being; Eudemonia and Hedonism, Life Satisfaction Affect. Assessment of Health and Well-being.

UNIT – III

Stress, Illness and Pain: Causes and Consequences; Coping with Stress, Pain and Illness. Health Related Disorders- Coronary Heart Disease, Cancer, Diabetes, HIV and AIDS.

UNIT – IV

Health Enhancing Behaviours: Psychological factors - Resilience, Hope, Optimism; Exercise; Safety and Nutrition. Implications for Well-being.

References:

- DiMatteo, M.R. and Martin, L.R.(2002). Health psychology. New Delhi: Pearson.
- Sarafino, E.P. (2002). Health psychology: Bio Psychosocial interactions (4th Ed.). NY: Wiley.
- Snyder, C.R., & Lopez, S.J.(2007). Positive Psychology :The scientific and practical explorations of human strengths. Thousand Oaks, CA: Sage.
- Taylor, S.E. (2006). Health Psychology (6th Ed.). New York: Tata McGraw Hill.

Mapping Matrix of Course Paper-503

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course **Paper-503** assuming that there are 8 POs and 4COs.

Table 2: CO-PO Matrix for the Course Paper-503

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
Paper-503.1	3	3	3	3	-	-	-	3
Paper-503.2	3	3	3	3	2	-	-	2
Paper-503.3	3	3	3	3	3	-	-	3
Paper-503.4	3	3	3	3	3	-	-	3
Average	3	3	3	3	2	-	-	2.75

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course **Paper-503**– assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course Paper-503

CO	PSO 1	PSO 2	PSO 3	PSO 4
Paper-503.1	3	3	2	3
Paper-503.2	3	3	2	3
Paper-503.3	3	3	2	3
Paper-503.4	3	3	2	3
Average	3	3	2	3

KURUKSHETRA UNIVERSITY
B.A. (General) Psychology, Semester –V
Paper- 504
Health and Well-Being
Practical

Credit - 2
Max. Marks 40+20(Internal)
Time: 3 hrs.

Course Outcomes:

After the completion of this course, the students will be able to:

Paper – 504.1 acquaint with various psychological tests.

Paper – 504.2 conduct tests related to their theory paper.

1. Well-being Scale
2. Stress Inventory
3. Adjustment Inventory
4. Coping Questionnaire
5. Resilience Scale
6. Health Questionnaire
7. Life Satisfaction Scale
8. Optimism Scale
9. Happiness Scale
10. Project/Report Writing

Note: Students are to Conduct and report at least five practical.
The examiner will allot one practical at the time of examination

Mapping Matrix of Course Paper-504

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course **Paper-504** assuming that there are 8 POs and 2 COs.

Table 2: CO-PO Matrix for the Course Paper-504

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
Paper-504.1	3	3	3	3	2	3	-	2
Paper-504.2	3	3	3	3	3	3	-	2
Average	3	3	3	3	2.5	3	-	2

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course **Paper-504** assuming that there are 4 PSOs and 2 COs.

Table 3: CO-PSO Matrix for the Course Paper-504

CO	PSO 1	PSO 2	PSO 3	PSO 4
Paper-504.1	3	3	3	3
Paper-504.2	3	3	3	3
Average	3	3	3	3

KURUKSHETRA UNIVERSITY
B.A. (General) Psychology, Semester –V
GE-Psychology- 506
Foundations of Psychology

Credit-4
Max. Marks 80+20(Internal)
Time: 3 hrs.

Course Outcomes:

After the completion of this course, the students will be able to:

- Paper – 506.1 demonstrate an understanding of the foundational concepts of the human mind and behaviour.
Paper – 506.2 understand the structure and function of Nervous systems.
Paper – 506.3 demonstrate comprehension of the theoretical concepts of emotion and motivation including the influencing factors.
Paper – 506.4 able to identify various approaches and factors affecting personality and intelligence.

Note: The question paper will consist of NINE questions out of which the candidate would be required to attempt FIVE questions. Each question will carry 16 marks. The first question will be compulsory and will have 8 short answer questions uniformly spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each of the four units. The candidate would be required to attempt ONE question from each unit.

UNIT – 1

Introduction: Nature and Scope of Psychology; Psychology as a Science and Present Status, Psychology in India.

Methods to Study Behaviour: Interview, Case study and Experimental.

UNIT – II

Biological Basis of Behaviour: Neurons: Structure and types. Nerve Conduction and Synapse. Central and Peripheral Nervous System.

UNIT – III

Emotion: Nature, Factors affecting. Theories: James-Lange, Cannon- Bard and Schachter-Singer.

Motivation: Needs, Drives, Incentives, Biological and Social Motives.

UNIT – IV

Personality: Nature, Factors affecting Personality, and Theories: Allport, Cattell and Eysenck.

Intelligence: Nature and Factors affecting intelligence.

Theories: Spearman, Thurstone, and Cattell.

References:

- Baron, R.A & Misra, G. (2014). Psychology. New Delhi: Pearson Education.
Ciccarelli, S.K., Meyer, G.E. & Misra, G. (2013). Psychology: South Asian Edition. New Delhi: Pearson Education.
Passer, M.W & Smith, R.E. (2013). Psychology: The Science of Mind and Behaviour. New Delhi: Tata McGraw-Hill
Chaplin, T., & Krawiec, T.S. (1979). Systems & Theories of Psychology (4th Ed.). New York: Holt Rinehart.
Singh, A. And Singh, U. (1984). Samanya Manovigyan. Bhiwani: Vaidic Prakashan

Mapping Matrix of Course Paper-GE-Psychology- 506

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course Paper-GE-Psychology- 506 assuming that there are 8 POs and 4COs.

Table 2: CO-PO Matrix for the Course Paper-GE-Psychology- 506

CO	PO	PO	PO	PO	PO	PO	PO	PO
	1	2	3	4	5	6	7	8
Paper-506.1	3	3	2	3	3	-	-	2
Paper-506.2	3	3	3	3	2	-	-	2
Paper-506.3	3	3	3	3	3	-	-	3
Paper-506.4	3	3	3	3	3	-	-	3
Average	3	3	2.75	3	2.75	-	-	2.5

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course Paper-GE-Psychology- 506 assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course Paper-GE-Psychology- 506

CO	PSO 1	PSO 2	PSO 3	PSO 4
Paper-506.1	3	3	2	3
Paper-506.2	3	3	2	2
Paper-506.3	3	2	3	3
Paper-506.4	3	3	3	2
Average	3	2.75	2.5	2.5

KURUKSHETRA UNIVERSITY
B.A. (General) Psychology, Semester –I
Paper- GE-Psychology- 507
Foundations of Psychology
Practical

Credit - 2
Max. Marks 40+10(Internal)
Time: 3 hrs.

Course Outcomes:

After the completion of this course, the students will be able to:

Paper – 507.1 acquaint with various kinds of apparatus and other measuring instruments.

Paper – 507.2 design and conduct experiments/tests related to their theory paper.

1. NEO-FFI
2. Retinal Colour Zones/Colour Blindness
3. Sound Localization
4. Study of Emotions.
5. Simple Reaction Time
6. Verbal Test of Intelligence.
7. Performance Test of Intelligence/RPM.
8. Observation (Speed & Accuracy).
9. 16PF Questionnaire
10. Motivation.

Note: Students are to Conduct and report at least five practical.

The examiner will allot one practical at the time of examination

Mapping Matrix of Course Paper- GE-Psychology- 507

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course **Paper- GE-Psychology- 507** assuming that there are 8 POs and 2COs.

Table 2: CO-PO Matrix for the Course Paper- GE-Psychology- 507

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
Paper-507.1	3	3	3	2	3	2	-	3
Paper-507.2	3	3	3	3	2	2	-	3
Average	3	3	3	2.5	2.5	2	-	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course **Paper- GE-Psychology- 507** – assuming that there are 4 PSOs and 2COs.

Table 3: CO-PSO Matrix for the Course Paper- GE-Psychology- 507

CO	PSO 1	PSO 2	PSO 3	PSO 4
Paper-507.1	3	3	3	3
Paper-507.2	3	2	3	3
Average	3	2.5	3	3

KURUKSHETRA UNIVERSITY
B.A. (General) Psychology, Semester –VI
Paper- 601
Applied Psychology

Credit - 4

Max. Marks 80+20(Internal)
Time: 3 hrs.

Course outcomes: After the completion of this course, the students will be able to:

- | | |
|-------------|--|
| Paper-601.1 | understand the applications of Psychology in industries and organizations. |
| Paper-601.2 | learn the basic concept of Guidance and Counselling and the important skills required in practice. |
| Paper-601.3 | understand the nature and models of health behaviour and its applications for promoting health and well-being. |
| Paper-601.4 | understand the concepts of variability, normal distribution and correlation. |

Note: The question paper will consist of NINE questions out of which the candidate would be required to attempt FIVE questions. Each question will carry 16 marks. The first question will be compulsory and will have 8 short answer questions uniformly spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each of the four units. The candidate would be required to attempt ONE questions from each unit.

UNIT – 1

Applied Psychology: Nature, Scope and History.
Industrial-Organizational Psychology: Nature, Scope and Objectives
Enhancing Work Motivation and Developing Leadership Potentials.

UNIT – II

Guidance: Nature, Scope and Objectives
Counselling: Need and Goals, Principles; Skills and Training of a Counsellor.
Indian Contribution in the Field of Counselling.

UNIT – III

Health Psychology: Meaning, Scope and Objectives. Bio-psychosocial Model of Health. Health and Well-Being: Happiness, Life Satisfaction, Resilience, Optimism and Hope.

UNIT – IV

Variability: Meaning and Measures of Variability.
Normal Distribution: Meaning and Characteristics.
Correlation: Nature and Methods - Rank Difference and Product Moment.

References:

- Annastasi, A (1979) Fields of Applied Psychology (2nd ed.) U.S.A. McGraw.Hill
Kapil, H.K (2012) Elements of Statistics (In social Sciences). Agta: Shri Vinod PustakMandir.
Brannon, L., Feist, J.&Updegraff, J.A. (2013). Health Psychology: An Introduction to Behaviour and Health. Cengage Learning.
Allen, F.(2011). Health Psychology and behavior. Tata McGraw Hill Edition.
Baumgardner, S.R. Crothers M.K. (2010) Positive Psychology. Upper Saddle River, N.J.: Prentice Hall.
Carr, A. (2004). Positive Psychology: The science of happiness and human strength. UK: Routledge.
Chadha, N.K. (2007). Organizational Behaviour. Galgotia Publishers: New Delhi.
Chadha, N.K. (2005). Human Resource Management-Issues, case studies and experiential exercises. 3rd edition. New Delhi: Sai Printographers.
DeCenzo, D.A. & Robbins, S.P. (2006) Fundamentals of human resource management. (8th Ed). NY: Wiley.
Dimatteo, M.R., & Martin L.R. (2011). Health Psychology, India: Dorling Kindersely.
Greenberg, J. & Baron, R.A. (2007) Behaviour in Organizations(9th Ed.). India”Dorling Kindersley.
Snyder, C.R., Lopez S.J., &Pedrotti, J.T. (2011) Positive Psychology: The scientific and practical explorations of human strengths. New Delhi:Sage
Taylor, S.E. (2006) Health Psychology, 6th Edition. New Delhi: Tata McGraw Hill.

Mapping Matrix of Course Paper-601

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course **Paper-601** assuming that there are 8 POs and 4 COs.

Table 2: CO-PO Matrix for the Course Paper-601

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
Paper-601.1	3	3	3	3	2	-	-	3
Paper-601.2	3	3	3	3	3	-	-	2
Paper-601.3	3	3	3	3	3	-	-	3
Paper-601.4	3	3	3	3	-	-	-	2
Average	3	3	3	3	2	-	-	2.5

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course **Paper-601**– assuming that there are 4 PSOs and 4 COs.

Table 3: CO-PSO Matrix for the Course Paper-601

CO	PSO 1	PSO 2	PSO 3	PSO 4
Paper-601.1	3	2	2	2
Paper-601.2	3	3	3	3
Paper-601.3	3	3	2	3
Paper-601.4	3	2	2	2
Average	3	2.5	2.25	2.5

KURUKSHETRA UNIVERSITY
B.A. (General) Psychology, Semester –VI
Paper- 602
Applied Psychology
Practical

Credit - 2

Max. Marks 40+10(Internal)
Time: 3 hrs.

Course Outcomes:

After the completion of this course, the students will be able to:

Paper – 602.1 acquaint with various kinds of psychological tests.

Paper – 602.2 conduct tests related to their theory paper.

1. Work Motivation
2. Organizational Climate Scale
3. Counselling Need Inventory
4. General Health Questionnaire
5. Well-being Scale
6. Resilience Scale
7. Happiness Scale
8. Leadership style scale/Questionnaire
9. Life Style Questionnaire
10. Project/Report Writing

Note: Students are to Conduct and report at least five practical.

The examiner will allot one practical at the time of examination

Mapping Matrix of Course Paper-602

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course **Paper-602** assuming that there are 8 POs and 2COs.

Table 2: CO-PO Matrix for the Course Paper-602

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
Paper-602.1	3	3	3	3	2	2	-	2
Paper-602.2	3	3	3	3	3	3	-	3
Average	3	3	3	3	2.5	2.5	-	2.5

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course **Paper-602**– assuming that there are 4 PSOs and 2COs.

Table 3: CO-PSO Matrix for the Course Paper-602

CO	PSO 1	PSO 2	PSO 3	PSO 4
Paper-602.1	3	3	3	3
Paper-602.2	3	3	3	3
Average	3	3	3	3

KURUKSHETRA UNIVERSITY
B.A. (General) Psychology, Semester –VI
Paper- 603
Counselling Psychology

Credit - 4

Max. Marks 80+20(Internal)
Time: 3 hrs.

Course outcomes: After the completion of this course, the students will be able to:

- | | |
|--------------|--|
| Paper- 603.1 | develop understanding of basic concepts, process and essential requirements of counselling profession. |
| Paper- 603.2 | gain knowledge of various approaches of counselling |
| Paper- 603.3 | develop insight of skills and techniques of counselling |
| Paper- 603.4 | understand applications of counselling in different settings. |

Note: The question paper will consist of NINE questions out of which the candidate would be required to attempt FIVE questions. Each question will carry 16 marks. The first question will be compulsory and will have 8 short answer questions uniformly spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each of the four units. The candidate would be required to attempt ONE questions from each unit.

UNIT – 1

Introduction: Meaning and Goals; Counselling process, Personal Qualities of Effective Counsellor.
Ethical Issues in Counselling.

UNIT – II

Approaches to Counselling: Psychodynamic, Behavioral, Person-Centered and Cognitive-Behavioural.
Transactional Analysis.

UNIT – III

Therapies: Play, Art, Drama, Music and Dance. Yoga, Meditation and Mindfulness.

UNIT – IV

Applications of Counselling: Family, School and Career Counselling.
Cyber Counselling. Counselling of L.G.B.T.Q and Counselling for Special Children.

References:

- Gladding, S. T. (2012) Counselling: A Comprehensive Profession. (7th Ed). Pearson
- Rao, S.N. & Sahajpal, P. (2013) Counselling and Guidance. New Delhi: Tata McGraw Hill.
- Seligman, L. & Reichenberg, L.W (2010). Theories of Counselling and Psychotherapy: Systems, Strategies, and skills. 3rd Ed. Indian reprint: Pearson.
- Mc.Leod, J. (2003) An Introduction to counselling: A comprehensive Profession. (7th ed). Pearson.
- Gelso, C. J & Fretz, B. R (1995) Counselling Psychology, Bangalore: Prism.

Mapping Matrix of Course Paper-603

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course **Paper-603** assuming that there are 8 POs and 4COs.

Table 2: CO-PO Matrix for the Course Paper-603

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
Paper-603.1	3	3	3	3	3	-	-	2
Paper-603.2	3	3	3	3	3	-	-	2
Paper-603.3	3	3	3	3	3	-	-	2
Paper-603.4	3	3	3	3	3	-	-	3
Average	3	3	3	3	3	-	-	2.25

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course **Paper-603** – assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course Paper-603

CO	PSO 1	PSO 2	PSO 3	PSO 4
Paper-603.1	3	3	3	2
Paper-603.2	3	3	3	3
Paper-603.3	3	3	2	3
Paper-603.4	3	3	3	3
Average	3	3	2.75	2.75

KURUKSHETRA UNIVERSITY
B.A. (General) Psychology, Semester –VI
Paper- 604
Counselling Psychology
Practical

Credit - 2

Max. Marks 40+10(Internal)

Time: 3 hrs.

Course Outcomes:

After the completion of this course, the students will be able to:

Paper – 604.1 get acquainted with various measuring instruments.

Paper – 604.2 conduct tests related to their theory paper.

1. Adjustment Inventory
2. Achievement Motivation Test
3. Academic Anxiety scale for Children
4. Children Personality Questionnaire
5. Multifactor Interest Questionnaire
6. Guidance Need Inventory
7. State Trait Anxiety Inventory
8. Scale for Suicide Ideation
9. Youth Problem Inventory
10. Coloured Progressive Matrix

Note: Students are to Conduct and report at least five practical.

The examiner will allot one practical at the time of examination

Mapping Matrix of Course Paper-604

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course **Paper-604** assuming that there are 8 POs and 2COs.

Table 2: CO-PO Matrix for the Course Paper-604

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
Paper-604.1	3	3	3	3	2	3	-	2
Paper-604.2	3	3	3	3	3	3	-	2
Average	3	3	3	3	2.5	3	-	2

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course **Paper-604**— assuming that there are 4 PSOs and 2COs.

Table 3: CO-PSO Matrix for the Course Paper-604

CO	PSO 1	PSO 2	PSO 3	PSO 4
Paper-604.1	3	3	3	3
Paper-604.2	3	3	3	3
Average	3	3	3	3

KURUKSHETRA UNIVERSITY
B.A. (General) Psychology, Semester –VI

Paper- GE-Psychology- 606

Social Psychology

Credit - 4
Max. Marks 80+20(Internal)
Time: 3 hrs.

Course Outcomes:

After the completion of this course, the students will be able to:

- Paper – 606.1 demonstrate an understanding of the foundational concepts of social behaviour and methods of study.
Paper – 606.2 demonstrate understanding of socialization process, person perception, attribution and attitude.
Paper – 606.3 able to acquaint with interpersonal processes and pro social behaviour.
Paper – 606.4 understand the concept of leadership and dynamics of group and collective behaviour.

Note: The question paper will consist of NINE questions out of which the candidate would be required to attempt FIVE questions. The first question will be compulsory having 16 Marks and will have 8 short answer questions uniformly spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each of the four units having 12 Marks each. The candidate would be required to attempt ONE question from each unit.

Unit 1:

Introduction: Meaning, History, Scope and Present Status of Social Psychology.
Determinants of Social Behaviour. Method: Observation, Sociometry and Survey.

Unit 2

Socialization: Nature, Process and Agencies.
Individual level processes: Person perception: Nature and Determinants, Attribution: Fundamental Errors, Determinants and Theories-Jones and Davis, and Kelly.
Attitude: Nature, Formation, Change and Resistance to Change.

Unit 3

Interpersonal processes: Interpersonal Attraction: Nature, Determinants and Theories- Social Learning and Exchange Theory. Pro-social behaviour: Meaning, Stages and Determinants. Aggression: Nature, Causes and Control.

Unit 4

Group Behaviour: Meaning and Formation of Group, Types, Functions of Group.
Leadership: Nature, Characteristics and Types.
Collective Behaviour: Crowd, Audience and Mob.

References:

- Baron, R.A., Byrne, D. & Bhardwaj, G (2010). Social Psychology (12th Ed). New Delhi: Pearson.
Chadha, N.K. (2012). Social Psychology. MacMillan: New Delhi.
McDavid, J. W. & Harrari, H. (1968). Social Psychology. New York: Harper & Row.
Kretch and Crutchfield (1948). Theory and Problems of Social Psychology. New York: McGraw Hill.
Myers, D.G. (2008). Social psychology. New Delhi: Tata McGraw-Hill.

Mapping Matrix of Course Paper- GE-Psychology- 606

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course **Paper- GE-Psychology- 606** assuming that there are 8 POs and 4COs.

Table 2: CO-PO Matrix for the Course Paper-- GE-Psychology- 606

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
Paper 606.1	3	3	3	3	3	-	-	2
Paper 606.2	3	3	3	3	3	-	-	2
Paper 606.3	3	3	3	3	3	-	-	2
Paper 606.4	3	3	3	3	3	-	-	2
Average	3	3	3	3	3	-	-	2

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course **Paper-GE-Psychology- 606** assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course Paper-- GE-Psychology- 606

CO	PSO 1	PSO 2	PSO 3	PSO 4
Paper 606.1	3	2	2	3
Paper 606.2	3	2	2	3
Paper 606.3	3	2	2	3
Paper 606.4	3	3	2	3
Average	3	2.25	2	3

KURUKSHETRA UNIVERSITY

B.A. (General) Psychology, Semester –II

Paper-- GE-Psychology- 607

**Social Psychology
Practical**

Credit - 2

Max. Marks 40+10(Internal)

Time: 3 hrs.

Course Outcomes:

After the completion of this course, the students will be able to:

Paper – 607.1 acquaint with various kinds of measuring instruments.

Paper – 607.2 conduct tests related to their theory paper.

1. Sociometry
2. Measurement of Attitude
3. Altruism Scale
4. Stereotypes
5. Aggression Scale
6. Prejudice Scale
7. Leadership Styles
8. Social Facilitation
9. Rosenwig's P.F. Tests
10. Social Conformity

Note: Students are to Conduct and report at least five practical.

The examiner will allot one practical at the time of examination

Mapping Matrix of Course Paper-GE-Psychology- 607

Mapping: Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows (Table 1):

Table 1: Scale of mapping between COs and POs

Scale	
1	If the contents of course have low correlation (i.e. in agreement with the particular PO to a small extent) with the particular Programme outcome
2	If the contents of course have medium correlation (i.e. in agreement with the particular PO to a reasonable extent) with the particular Programme outcome
3	If the contents of course have strong correlation (i.e. in agreement with the particular PO to a large extent) with the particular Programme outcome

Same scale may be used to define the correlation between Cos and PSOs

Mapping of Course Outcomes to Programme Outcomes: (CO-PO Mapping Matrix)

Table 2 shows the CO-PO mapping matrix for a course **Paper-GE-Psychology- 607** assuming that there are 8 POs and 2COs.

Table 2: CO-PO Matrix for the Course Paper-GE-Psychology- 607

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
Paper 607.1	3	2	2	3	3	2	2	3
Paper 607.2	3	3	3	3	3	3	2	3
Average	3	2.5	2.5	3	3	2.5	2	3

Note: It is not necessary that each CO has a correlation with all the POs.

Mapping of Course Outcomes to Programme Specific Outcomes: (CO-PSO Mapping Matrix)

Table 3 shows the CO-PSO mapping matrix for a course **Paper-GE-Psychology- 607** – assuming that there are 2 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course Paper-GE-Psychology- 607

CO	PSO 1	PSO 2	PSO 3	PSO 4
Paper 607.1	3	2	3	3
Paper 607.2	3	2	3	3
Average	3	2	3	3

Mapping of COs, POs and PSOs (B.A General Psychology)

Course Code	PO 1	PO2	PO3	PO 4	PO5	PO 6	PO7	PO8	PO 9	PO 10	PO1 1	PO1 2	PS O1	PS O2	PSO 3	PSO 4
Paper-101																
Paper-102																
Paper-201																
Paper-202																
Paper-301																
Paper-302																
Paper-401																
Paper-402																
AEEC-PSY-P-01																
AEEC-PSY-P-02																
AEEC-PSY-P-03																
AEEC-PSY-P-04																
Paper - 501																
Paper - 502																
Paper – 503																
Paper - 504																
Paper - 505																
DSE-Psychology-601																
DSE-Psychology – 602																

Note: - *Course Code of Generic Elective Paper will be decided after opting the same by the student

Attainment of COs:

The attainment of COs can be measured on the basis of the results of internal assessment and semester examination. The attainment is measured on scale of 3 after setting the target for COs attainment. **Following table** shows the CO attainment levels assuming the set target of 60% marks:

CO Attainment Levels for internal assessment

Attainment Level	
1 (low level of attainment)	60% of students score more than 60% of marks in class tests of a course.
2 (Medium level of attainment)	70% of students score more than 60% of marks in class tests of a course.
3 (High level of attainment)	80% of students score more than 60% of marks in class tests of a course.

Note: In the above table, the set target is assumed as 60%. It may vary in different departments/institutes. The staff councils of the Departments/institutes may finalize the set target.

A proper mapping of course outcomes with assessment methods should be defined before measuring the attainment level. The questions in tests for internal assessment are based on COs. Here it is assumed that class test-I is based on first two COs (i.e. **Paper-101.1 and Paper-101.2**) of a course with equal weightage given to both COs. Similarly, class test-II is based on next two COs (i.e. **B- Paper-101.3 and Paper-101.4**) of a course with equal weightage given to these two COs. For each internal assessment test, the percentage of students

attaining the target level of CO is estimated and average percentage will decide the attainment level of COs.

Following steps may be followed for determining the attainment level in internal assessment of a course.

- (i) Estimate the %age of students scoring set target (say 60%) or more in the question(s) of test -I based on first CO i.e. **Paper-101.1.**
- (ii) Estimate the %age of students scoring set target (60%) or more in the question(s) of test-I based on second CO i.e. **Paper-101.2.**
- (iii) Estimate the %age of students scoring set target (60%) or more in the question(s) of test-II based on third CO i.e. **Paper-101.3.**
- (iv) Estimate the %age of students scoring set target (60%) or more in the question(s) of test-II based on the fourth CO i.e. **Paper-101.4.**
- (v) Take average of the percentages obtained above.
- (vi) Determine the attainment level i.e. 3, 2 or 1 as per scale defined in **the above table.**

Note: In the above steps, it is assumed that internal assessment is based on two tests only. However, if internal assessment is based on more than two tests and/or on assignments then same may be incorporated to determine the COs attainment level. There may be more than four COs for a course. The set target may also be different for different COs. These issues may be resolved by the staff councils of the departments/institutes.

For determining the attainment levels for end semester examination, it is assumed that questions in the end term examination are based on all COs of the course. Attainment levels for end semester examination of a course can be determined after the declaration of the results. The CO attainment levels for end semester examination are given **in the following Table.**

CO Attainment Levels for End Semester Examination (ESE)

Attainment Level	
1 (Low level of attainment)	60% of students obtained letter grade of A or above (for CBCS programs) or score more than 60% of marks (for non-CBCS programs) in ESE of a course.
2 (Medium level of attainment)	70% of students obtained letter grade of A or above (for CBCS programs) or score more than 60% of marks (for non-CBCS programs) in ESE of a course.
3 (High level of attainment)	80% of students obtained letter grade of A or above (for CBCS programs) or score more than 60% of marks (for non-CBCS programs) in ESE of a course.

Note: In the above table, the set target is assumed as grade A for CBCS courses and 60% for non-CBCS Courses.

It may vary in different departments/institutes. The staff councils of the departments/institutes may finalize the set target.

Overall CO Attainment level of a Course:

The overall CO attainment level of a course can be obtained as:

Overall CO attainment level = 50% of CO attainment level in internal assessment + 50% of CO attainment level in end semester examination.

The overall COs attainment level can be obtained for all the courses of the programme in a similar manner.

Attainment of POs:

The overall attainment level of POs is based on the values obtained using direct and indirect methods in the ratio of 80:20. The direct attainment of POs is obtained through the attainment of COs. The overall CO attainment value as estimated above and CO-PO mapping value as shown in **Table 3** are used to compute the attainment of POs. PO attainment values obtained using direct method can be written as shown **in the following Table.**

PO Attainment Values using Direct Method

Course Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
Paper-101												
Paper-102												
Paper-201												
Paper-202												
Paper-301												
Paper-302												
Paper-401												
Paper-402												
AEEC-PSY-P-01												
AEEC-PSY-P-02												
AEEC-PSY-P-03												
AEEC-PSY-P-04												
Paper – 501												
Paper – 502												
Paper – 503												
Paper – 504												
Paper – 505												
DSE-Psychology- 601												
DSE-Psychology – 602												
<i>Direct PO Attainment</i>	Average of above values	Average of above values	Average of above values								Average of above values	

The PO attainment values to be filled in above table can be obtained as follows:

For Paper-101-PO1 Cell:

PO1 attainment value = (Mapping factor of **Paper-101-PO1** from **Table 3** × Overall CO attainment value for the course **Paper-101**)/3

For Paper-201-PO1 Cell:

PO1 attainment value = (Mapping factor of **Paper-201-PO1** from **Table 3** × Overall CO attainment value for the course **Paper-201**)/3

Similarly, values for each cell **of the above table** can be obtained. The direct attainment of POs is average of individual PO attainment values.

In order to obtain the PO attainment using indirect method, a student exit survey based on the questionnaire of POs may be conducted at end of last semester of the program. The format for the same is given **in the following table**. Average of the responses from the outgoing students for each PO is estimated. The overall PO attainment values are obtained by adding attainment values estimated using direct and indirect methods in the proportion of 80:20 as follows:

Overall attainment value for PO1 =

$0.8 \times$ average attainment value for PO1 using direct method (**from above table**) +

$0.2 \times$ average response of outgoing students for PO1

Similarly, overall attainment value can be obtained for each PO.

Questionnaire for indirect measurement of PO attainment (For outgoing students)

At the end of my degree programme I am able to do:

	Please tick any one		
Statement of PO1	3	2	1
Statement of PO2	3	2	1
Statement of PO3	3	2	1
Statement of PO4	3	2	1
Statement of PO5	3	2	1
Statement of PO6	3	2	1
Statement of PO7	3	2	1
Statement of PO8	3	2	1
Statement of PO9	3	2	1
Statement of PO10	3	2	1
Statement of PO11	3	2	1
Statement of PO12	3	2	1
3: Strongly Agree; 2: Agree; 1: Average			

Overall PO attainment values can be written as shown **in the following Table.**

Overall PO attainment Values

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
Direct PO attainment												
Indirect PO attainment												
Overall PO attainment												
Target	2	2	2	2	2	1.5	2	2	2	2	1.5	1.5

The overall PO attainment values obtained above are compared with set target. The set target for each PO may be different and can be finalized by the staff councils of the departments/institutes. If overall PO attainment value is less than the set target value then an action plan may be prepared for improvement in the subsequent academic session.

The overall PSO attainment level based on CO-PSO mapping values and overall CO attainment values can be obtained in a similar manner.

Department of Philosophy
Kurukshetra University Kurukshetra
Scheme of Exam and Syllabus of M.A.Philosophy(Semester I&II)
Under Choice Based Credit System
w.e.f. 2020-21 in phased manner

Seme ster	Paper	Nomenclature of paper	Theory teaching hours	Tuto rial	Credits	Internal marks	Externa l Marks	Total	Dura tion of exam
1	PHI-HC-101	Indian Logic	4	1	4	20	80	100	3Hrs.
I	PHI-HC-102	Indian Epistemology	4	1	4	20	80	100	3Hrs.
I	PHI-HC-103	Western Epistemology	4	1	4	20	80	100	3Hrs.
I	PHI-HC-104	Indian Ethics	4	1	4	20	80	100	3Hrs.
I	PHI-HC-105	Modern Indian Thought-I	4	1	4	20	80	100	3Hrs.
II	PHI-HC-201	Western Logic	4	1	4	20	80	100	3Hrs.
II	PHI-HC-202	Indian Metaphysics	4	1	4	20	80	100	3Hrs.
II	PHI-HC-203	Western Metaphysics	4	1	4	20	80	100	3Hrs.
II	PHI-HC-204	Western Ethics	4	1	4	20	80	100	3Hrs.
II	PHI-HC-205	Modern Indian Thought-II	4	1	4	20	80	100	3Hrs.
II	PHI-OE-206	Philosophy of Yoga	2	00	2	10	40	50	2Hrs.

Total Credits: 10x4=40 +2(Open Elective) = 42

Department of Philosophy
Kurukshetra University Kurukshetra
Scheme of Exam and Syllabus of M.A.Philosophy(Semester III&IV)
Under Choice Based Credit System
w.e.f. 2020-21

Seme ster	Paper	Nomenclature of paper	Theory teaching hours	Tutorial	Credits	Internal marks	External Marks	Total	Durati on of Exam
III	PHI-HC-301	Contemporary Western Philosophy-I	4	1	4	20	80	100	3Hrs.
III	PHI-SC-A-302	Social and Political Philosophy -I	4	1	4	20	80	100	3Hrs.
III	PHI-SC-A-303	Philosophy of Religion –I	4	1	4	20	80	100	3Hrs.
III	PHI-SC-A-304	Comparative Religion -I	4	1	4	20	80	100	3 Hrs.
III	PHI-SC-A-305	Yoga as Applied Philosophy –I	4	1	4	20	80	100	3 Hrs.
III	PHI-SC-B-302	Philosophical Teachings of Shrimadbhagvad-Gita – I	4	1	4	20	80	100	3 Hrs.
III	PHI-SC-B-303	Western Ethical Theories –I	4	1	4	20	80	100	3Hrs.
III	PHI-SC-B-304	Applied Ethics	4	1	4	20	80	100	3 Hrs.
III	PHI-SC-B-305	Philosophy of Mind (Indian)	4	1	4	20	80	100	3 Hrs.
III	PHI-OE-306	Indian Ethics	2	00	2	10	40	50	2Hrs.
IV	PHI-HC-401	Contemporary Western Philosophy-II	4	1	4	20	80	100	3Hrs
IV	PHI-SC-A-402	Social and Political	4	1	4	20	80	100	3Hrs

		Philosophy –II							
IV	PHI-SC-A-403	Philosophy of Religion –II	4	1	4	20	80	100	3Hrs
IV	PHI-SC-A-404	Comparative Religion –II	4	1	4	20	80	100	3Hrs
IV	PHI-SC-A-405	Yoga as Applied Philosophy-II	4	1	4	20	80	100	3Hrs
IV	PHI-SC-B-402	Philosophical Teachings of Shrimadbhagvad-Gita – II	4	1	4	20	80	100	3Hrs
IV	PHI-SC-B-403	Western Ethical Theories –II	4	1	4	20	80	100	3Hrs
IV	PHI-SC-B-404	Environmental Ethics	4	1	4	20	80	100	3Hrs
IV	PHI-SC-B-405	Philosophy of Mind (Western)	4	1	4	20	80	100	3Hrs

Total Credits: 10x4=40 +2(open elective) = 42

**Programme Outcome (P.O.)'s for Post Graduate Courses
Of
Faculty of Indic Studies**

1. Scientific and Logical knowledge of ancient Indian wisdom.
2. Enhancing knowledge of Indian art & cultural traditions.
3. Knowledge of Vedic, medieval & modern Philosophies.
4. Inculcation of nationalism and other moral values.
5. Enhancing mental relaxation and peace by adopting prayer, chanting, yoga and Meditation.
6. Preservation of Indian arts & heritage by using modern technology.
7. To Impart knowledge of different sanskaras & philosophies.
8. Imparting knowledge of folk traditions in different disciplines of the faculty.
9. Developing aesthetics, creativity & skills like singing, painting, dancing.
10. Improving the emotional intelligence through Geeta.

Programme Specific Outcome (P.S.O.)

Of

M.A. Philosophy

1. The study of Philosophy enhances ancient Indian as well as western wisdom.
2. Philosophy inculcates ethical, social, cultural and religious values and leads to religious and cultural harmony.
3. The Study of Philosophy enhances analytical, critical and logical ability of the students and teaches the students to Philosophies.
4. The study of Gita and Yoga leads to holistic well being by its various methods.

M.A. Philosophy
First Semester
(w.e.f. 2020-21)

Maximum Marks: 100

Theory: 80 Marks

Internal Assessment: 20 Marks

Time Allowed: 3 Hours

Credits-4

PHI-HC-101: Indian Logic

Instructions: The paper-setter is requested to set **Nine** questions in all i.e., One Compulsory objective type question (8x2) without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit equitably spread over the concerned unit. Examinees will have to attempt **Five** questions in all, selecting one question from each unit and **One Objective Type Question**. All questions carry equal marks.

Course Outcome: After completion of the course the student will be able to 101.1 understand the basic of Indian Logic with reference to different Indian Schools. 101.2 learn about the kinds of Anumana . 101.3 learn about the concept of Vyaptigrahopaya. 101.4 understand the different theories of Jaina regarding Knowledge.

Unit-1: Nature, Scope and Utility of Logic with special reference to Indian Logic; Definition and Constituents of Anumāna in Nyāya and Buddhism; Nature of Vyāpti in Nyāya, Vedānta, Buddhism and Jainism.

Unit-2: Types of Anumāna in Nyāya, Sāṅkhya, Buddhism and Jainism; Hetvābhāsa (fallacies of Anumāna); Navya -Nyāya's Concept of Anumāna.

Unit-3: The Concepts of Vyāptigrahopāya: Sāmānya Lakṣaṇa Pratyāsatti, Tarka, Upādhi-Nirāsa; Buddhist Doctrine of Apoha; Inductive Elements in Indian Logic;

Unit-4: Anekāntavāda (The theory of relative pluralism or manifoldness); Syādvāda (The theory of conditional predication); Nayavāda (The theory of partial standpoints).

Suggested Books:

B.N. Singh	: <i>Indian Logic.</i>
B.K. Matilal	: <i>The Navya- Nyaya Doctrine of Negation.</i>
D.C. Guha	: <i>Navya - Nyaya's System of Logic.</i>
F.Th. Stcherbatsky	: <i>Buddhist Logic, Vols. I & II.</i>
Nandita Bandyopadhyaya	: <i>The Concept of Logical Fallacies.</i>
S. Barlingay	: <i>A Modern Introduction to Indian Logic.</i>
S.R.Bhatt (Tr)	: <i>Buddhist Epistemology.</i>
Kedar Nath	: <i>Bhartiya Tarkshastra.</i>

M.A. Philosophy
First Semester
(w.e.f. 2020-21)

Maximum Marks: 100

Theory: 80 Marks

Internal Assessment: 20 Marks

Time Allowed: 3 Hours

Credits-4

PHI-HC-102: Indian Epistemology

Instructions: The paper-setter is requested to set **Nine** questions in all i.e., One Compulsory objective type question (8x2) without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit equitably spread over the concerned unit. Examinees will have to attempt **Five** questions in all, selecting one question from each unit and **One Objective Type Question**. All questions carry equal marks.

Course Outcome: After Completion of the course, the student will be able to 102.1 Understand the different Epistemology problems. 102.2 Understand the Pramanyavad 102.3 Answers questions regarding various theories of Invalid Perceptual Cognitions. 102.4 Understand the six sources of Knowledge.

Unit-1: Nature of Pramā & Apramā in Indian Philosophy; Epistemological Problems from the Indian point of view; Relation of Epistemology with Metaphysics and Logic.

Unit-2: Debate about the Nature, Origin (Utpatti) and Ascertainment (Jñapti) of Jnana: Svataḥpramāṇyavāda and Parataḥpramāṇyavāda.

Unit-3: Theories about Invalid Perceptual Cognitions (Khyātivāda): Akhyāti, Anyathākhyāti, Viparītākhyāti, Ātmākhyāti, Asatkhyāti, Anirvacanīyakhyāti, Satkhyāti.

Unit-4: A Critical Survey of Six Sources of Knowledge (Pramāṇa): Pratyakṣa, Anumāna, Upamāna, Śabda, Arthāpatti, Anupalbdhi; Parmāṇa Vyavasthā and Pramāṇa Samplava.

Suggested Books:

Nilima Sinha	: <i>Bhartiya Gyana Mimansa,</i>
J.N.Sinha	: <i>Bhartiya Darshan</i> Vols. I to II.
M. Hiriyanna	: <i>Outlines of Indian Philosophy.</i>
C.D.Sharma	: <i>A Critical Survey of Indian Philosophy.</i>
S.N. Dasgupta	: <i>A History of Indian Philosophy,</i> Vols. I to V.
S. Radhakrishnan	: <i>Indian Philosophy,</i> Vols. I to II.
D.M. Datta & S.C. Chatterjee	: <i>Introduction to Indian Philosophy.</i> (Hindi Version also available)
H.P. Sinha	: <i>Bhartiya Darshan ke Rooprekha.</i>
Dr. Jagdish Chandra Mishra	: <i>Bhartiya Darshan</i>
Dr. R.P.Sharma	: <i>Bhartiya Darshan</i>
Jaidev Singh	: <i>Bhartiya Darshan ka Itihash</i> Vols. I to V.

M.A. Philosophy
First Semester
(w.e.f. 2020-21)

Maximum Marks: 100

Theory: 80 Marks

Internal Assessment: 20 Marks

Time Allowed: 3 Hours

Credits-4

PHI-HC-103: Western Epistemology

Instructions: The paper-setter is requested to set **Nine** questions in all i.e., One Compulsory objective type question (8x2) without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit equitably spread over the concerned unit. Examinees will have to attempt **Five** questions in all, selecting one question from each unit and **One Objective Type Question**. All questions carry equal marks.

Course Outcome: After Completion of the course, the student will be able to 103.1 understand the basic epistemological concepts of Greek Philosophy. 103.2 understand the epistemology of Rationalism. 103.3 Answers questions regarding epistemology of Empiricism. 103.4 understand the philosophy of Kant and Hegel.

Unit-1: Sophists: Skepticism; Socrates: Method of Knowledge; Plato: Distinction between Knowledge and Opinion. Aristotle: Theory of Knowledge.

Unit-2: Francis Bacon: Inductive Method; Rene Descartes: Method and Criterion of Knowledge; Benedict Spinoza: Theory of Knowledge; Gottfried Wilhelm Leibnitz: Theory of Knowledge.

Unit-3: John Locke: Origin of Knowledge; Nature and Validity of Knowledge; Limits of Knowledge; George Berkeley: Theory of Knowledge, *esset ess percipi*; David Hume: Origin and Nature of Knowledge; Validity of Knowledge.

Unit-4: Immanuel Kant: The Critical Philosophy; Copernican Revolution; Classification of Judgments, the Problem of Synthetic Judgment *a priori* ; George Wilhelm Hegel: Dialectical Method.

Suggested Books:

- | | |
|------------------------------|---|
| B. Russell | : <i>A History of Philosophy.</i> |
| Daya Krishna | : <i>Pashchatya Darsan ka Itihasa</i> Vols. I to II |
| F. Copleston | : <i>A History of Philosophy.</i> |
| Jagdish Sahay Srivastava | : <i>Adhunik Darshana Ka Vaigyanika Itihasa.</i> |
| Frank Thilly | : <i>A History of Philosophy.</i> |
| W.K. Wright | : <i>A History of Modern Philosophy.</i> |
| W.T. Stace | : <i>Critical History of Greek Philosophy.</i> |
| Y. Masiha
also available) | : <i>A Critical History of Western Philosophy</i> (Hindi Version) |
| Nicholas Bunnin & | : <i>The Blackwell Companion to Philosophy</i> (Second Edition). |
| E.P.Tsui-James(Ed.) | |
| Sobha Nigam | : <i>Paschatya Darshan ke samprdaay.</i> |

M.A. Philosophy
First Semester
(w.e.f. 2020-21)

Maximum Marks: 100
Theory: 80 Marks
Internal Assessment: 20 Marks
Time Allowed: 3 Hours
Credits-4

PHI-HC-104: Indian Ethics

Instructions: The paper-setter is requested to set **Nine** questions in all i.e., One Compulsory objective type question (8x2) without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit equitably spread over the concerned unit. Examinees will have to attempt **Five** questions in all, selecting one question from each unit and **One Objective Type Question**. All questions carry equal marks.

Course Outcome: After completion of the course, the student will be able to 104.1 understand the basic of Indian Ethics. 104.2 to understand the different Indian Ethical Concepts. 104.3 able to answers questions regarding Buddhist and Jaina ethics . 104.4 to understand the philosophy Gita.

Unit-I: Nature, Scope and Importance of Indian Ethics; Its relation with Religion, Social Philosophy, Political Science and Philosophy; Yama and Niyama of Pātañjala Aṣṭāṅga Yoga.

Unit -2: Doctrine of Karma and Rebirth; Sādhāraṇa Dharma; Concept of Rna.

Unit-3: Brahma-Vihāras; Astāṅgika Mārga (Eight-fold Noble Path); The Ideals of Arhat and Bodhisathava; Triratnas of Jainism.

Unit-4: Gītā's Notion of Svadharma and Paradharma; Trigūṇa-Sattva, Rajas, Tamas; Karam Yoga; Jñāna Yoga; Bhakti Yoga; Ideal of Sthitaprajñā.

Suggested Books:

Ashok Kumar Verma : *Nitishastra ki Rooprekha*
B.G. Tilak : *Karam yoga.*
I.C. Sharma : *Ethical Philosophies of India.*
N.K.Brahma : *Philosophy of the Hindu Sadhana.*
M.Hiriyanna : *The Indian Conception of Values.*
R. Prasad : *Varnadharma, Niskama Karma and Practical Morality.*
Sri Aurobindo : *Essays on the Gita.*
S.K. Maitra : *The Ethics of the Hindus.*
V.P. Verma : *Nitidarshan Ki Bhumika*
V.P. Verma : *Adhinitishastra.*
Ram Nath Sharma : *Bhartiya Nitishastra*
Nitya Nand Mishra : *Nitishastra: Sidhant va Vyavhar*

M.A. Philosophy
First Semester
(w.e.f. 2020-21)

Maximum Marks: 100
Theory: 80 Marks
Internal Assessment: 20 Marks
Time Allowed: 3 Hours
Credits-4

PHI-HC-105 : Modern Indian Thought (Part-I)

Instructions: The paper-setter is requested to set **Nine** questions in all i.e., One Compulsory objective type question (8x2) without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit equitably spread over the concerned unit. Examinees will have to attempt **Five** questions in all, selecting one question from each unit and **One Objective Type Question**. All questions carry equal marks.

Course Outcome: After completion of the course, the student will be able to 105.1 know about the philosophy of Swami Dayananda . 105.2 to understand the Philosophy of Swami Vivekananda . 105.3 know the Philosophy of Sri Aurobindo . 105.4 understand the different concept of Gita with reference to B.G.Tilak.

Unit-1: Swami Dayananda: Traitavāda; Brahma, Jīva and Jagat; Thought on Education; Rājdharmā and Swedeshi.

Unit 2: Swami Vivekananda: Nature of Man -- Physical Nature and Spiritual Nature; Nature of the Liberated Soul; Origin of Religion; Nature of Religion; Universal Religion.

Unit-3: Sri Aurobindo: Nature of Reality: Saccidānanada (Existence, Pure Consciousness, Bliss); The World Process: Involution and Evolution; Supermind: the Triple Status of Supermind, Gnostic Being and Divine life; Integral Yoga.

Unit-4: B.G.Tilak: Interpretation of the Gītā with special reference to Jñāna Yoga, Karma Yoga and Bhakti Yoga; Svadharma; Lokasaṅgraha; Niṣkāmakarma.

Suggested Books:

Swami Dayanand	: <i>Satyarthprakash.</i>
Swami Dayanand	: <i>Updesh Manjri</i>
B.G. Tilak	: <i>Karmayoga.</i>
B.K. Lal	: <i>Contemporary Indian Philosophy.</i> (Hindi version
also	available).
K. C. Bhattacharya	: <i>Studies in Philosophy.</i>
Swami Vivekananda	: <i>Complete Works.</i> (Hindi version also available).
Sri Aurobindo	: <i>Life Divine.</i> (Hindi version also available).
Sri Aurobindo	: <i>Integral Yoga.</i> (Hindi version also available).
T.M.P. Mahadevan & C.V. Saroja	: <i>Contemporary Indian Philosophy.</i>
V.S. Naravana	: <i>Modern Indian Thought</i> (Hindi version also
available).	

M.A. Philosophy
Second Semester
(w.e.f. 2020-21)

Maximum Marks: 100
Theory: 80 Marks
Internal Assessment: 20 Marks
Time Allowed: 3 Hours
Credits -4

PHI-HC-201 : Western Logic

Instructions: The paper-setter is requested to set **Nine** questions in all i.e., One Compulsory objective type question (8x2) without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit equitably spread over the concerned unit. Examinees will have to attempt **Five** questions in all, selecting one question from each unit and **One Objective Type Question**. All questions carry equal marks.

Course Outcome: After completion of the course, the student will be able to 201.1 understand about the Logic and Language. 201.2 understand about the Propositions . 201.3 answers questions regarding symbolization in Logic. 201.4 understand the concepts of Induction and Hypothesis.

Unit-I: Nature and Definition of Logic, The Difference between Inductive and Deductive Logic; Uses of Language: Three main functions of language; Connotation & Denotation; Relation between Connotation and Denotation.

Unit-2: Nature of Categorical Proposition, its Four-fold Classification; Quality, Quantity and Distribution of Terms; Nature of Categorical Syllogism; Basic Rules for determining Validity of Syllogism; Immediate Inferences: Conversion, Obversion and Contraposition; Square of Opposition.

Unit-3: Elementary Notions and Principles of Truth-Functional Logic; Techniques of Symbolization; Testing Validity/Invalidity of an Argument by Truth-table Method; Statement Forms: Tautologies, Contradictory and Contingent; Proof Construction for Validity of an Argument Form.

Unit-4: Definition and Nature of Induction; Importance of Induction; Problem of Induction; Hypothesis: Nature and Conditions of Scientific Hypothesis; Types of Hypothesis.

Suggested Books:

I.M. Copi	: <i>Introduction to Logic</i> . (Hindi Version also available)
I.M. Copi	: <i>Symbolic Logic</i> (6 th Edition), Chapters 4 and 5.
Richard Jeffrey	: <i>Formal Logic: It's Scope and Limits</i> (2 nd Edition),
Chapters	1 to 5.
Ashok Kumar Verma	: <i>Saral Nigman Tarkshastra</i> .
A.N. Prior	: <i>Formal Logic</i> .
Patrick Suppes	: <i>Introduction to Logic</i> .
A. Singh & C. Goswami	: <i>Fundamentals of Logic</i> .
B.L. Sharma	: <i>Tarka Shastra Pravesh</i> .
Ramnath Shrama	: <i>Tarkashastra</i> .

M.A. Philosophy
Second Semester
(w.e.f. 2020-21)

Maximum Marks: 100
Theory: 80 Marks
Internal Assessment: 20 Marks
Time Allowed: 3 Hours
Credits- 4

PHI-HC-202: Indian Metaphysics

Instructions: The paper-setter is requested to set **Nine** questions in all i.e., One Compulsory objective type question (8x2) without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit equitably spread over the concerned unit. Examinees will have to attempt **Five** questions in all, selecting one question from each unit and **One Objective Type Question**. All questions carry equal marks.

Course Outcome: After completion of the course, the student will be able to 202.1 understand the concept of Isvara with reference to different Indian schools. 202.2 understand the concept of Soul 202.3 to answers questions regarding Substance and Causation. 202.4 understand the concept of Nirvana with reference to different Indian Schools.

Unit -1: Concept of Isvara/Brahma in Nyāya-Vaiśeṣika, Yoga & Advaita Vedānta; the New and Central role of Isvara/Brahma in the Bhakti school with special reference to Rāmānuja.

Unit-2: Concept of Self (Ātman) in Jainism, Nyāya-Vaiśeṣika, Sāṅkhya and Advaita Vedānta.

Unit-3: Concept of Substance in Jainism; Seven Categories of Vaiśeṣika (Dravya, Guna, Karma, Sāmānya, Viśheṣa, Samavāya and Abhāva) of Vaisesika; Causation: the Debate between Satkāryavāda (Sāṅkhya) and Asatkāryavāda (Nyāya).

Unit-4: Concept of Nirvāṇa in Buddhism. Notions of Bondage and Liberation in Jainism, Sāṅkhya and Advaita Vedānta.

Suggested Books:

Stephen H. Phillips	: <i>Classical Indian Metaphysics</i> .
M. Hiranna	: <i>Outlines of Indian Philosophy</i> .
C.D.Sharma	: <i>A Critical Survey of Indian Philosophy</i> .
S.N. Dasgupta	: <i>A History of Indian Philosophy</i> , Vols. I to V.
S. Radhakrishnan	: <i>Indian Philosophy</i> , Vols. I to II.
D.M. Datta & S.C. Chatterjee	: <i>Introduction to Indian Philosophy</i> . (Hindi Version also available)
H.P. Sinha	: <i>Bhartiya Darshan ke Rooprekha</i> .
Dr. Jagdish Chandra Mishra	: <i>Bhartiya Darshan</i>
Dr. R.P.Sharma	: <i>Bhartiya Darshan</i>
Jai Dev Singh	: <i>Bhartiya Darshan Ka Itihas</i> Vols. I to V.

M.A. Philosophy
Second Semester
(w.e.f. 2020-21)

Maximum Marks: 100
Theory: 80 Marks
Internal Assessment: 20 Marks
Time Allowed: 3 Hours
Credits-4

PHI-HC-203: Western Metaphysics

Instructions: The paper-setter is requested to set **Nine** questions in all i.e., One Compulsory objective type question (8x2) without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit equitably spread over the concerned unit. Examinees will have to attempt **Five** questions in all, selecting one question from each unit and **One Objective Type Question**. All questions carry equal marks.

Course Outcome: After completion of the course, the student will be able to 203.1 understand the concept of Substance with reference to Pre. Socratic age. 203.2 understand the concept of Substance with reference to Plato and Aristotle. 203.3 understand the concept of Substance with reference to rationalism. CO-203.4 understand concept of Substance with reference to Empiricism.

Unit-1: Doctrine of Substance: Thales, Aneximender and Aneximenise), Problem of Change and Permanence: Parmenides and Heraclites; Democritus: Atomism.

Unit-2: Plato: Theory of Ideas; Aristotle: Matter and Form; Theory of Causation - Four Causes (Material, Efficient, Formal and Final); Criticism of Plato's Theory of Ideas by Aristotle.

Unit-3: Descartes' Dualism of Mind and Body; Concept of Substance in Spinoza; Leibnitz's Doctrine of Monads; Mind-body problem in Descartes, Spinoza and Leibnitz.

Unit-4: Locke's doctrine of Matter and its rejection by Berkeley; Hume's rejection of Self, Matter and God; Hume's view on Causality; Hegel's Absolute Idealism.

Suggested Books:

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|------------------------------|--|
| John Hospers | : <i>An Introduction to Philosophical Analysis.</i> |
| W.T. Stace | : <i>Critical History of Greek Philosophy</i> |
| Frank Thilly and Ledger Wood | : <i>A History of Philosophy.</i> |
| D.J. O'Conner | : <i>A Critical History of Western Philosophy.</i> |
| Hamlyn | : <i>Metaphysics.</i> |
| Daya Krishna | : <i>Pashchatya Darsan ka Itihasa Vol.1& 2</i> |
| Jagdish Sahay Srivastava | : <i>Adhunik Darshana Ka Vaigyanika Itihasa.</i> |
| W.K. Wright | : <i>A History of Modern Philosophy.</i> |
| Roger Scruton | : <i>A History of Philosophy from Descartes to Wittgenstein.</i> |
| Y. Masiha
(available) | : <i>A Critical History of Western Philosophy</i> (Hindi Version also available) |
| Nicholas Bunnin & | : <i>The Blackwell Companion to Philosophy</i> (Second Edition). |
| E.P.Tsui-James(Ed.) | |
| Sobha Nigam | : <i>Paschatya Darshan ke samprdaay.</i> |

M.A. Philosophy
Second Semester
(w.e.f. 2020-21)

Maximum Marks: 100
Theory: 80 Marks
Internal Assessment: 20 Marks
Time Allowed: 3 Hours
Credits-4

PHI-HC-204: Western Ethics

Instructions: The paper-setter is requested to set **Nine** questions in all i.e., One Compulsory objective type question (8x2) without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit equitably spread over the concerned unit. Examinees will have to attempt **Five** questions in all, selecting one question from each unit and **One Objective Type Question**. All questions carry equal marks.

Course Outcome: After completion of the course, the student will be able to 204.1 understand the basic of Western Ethics and its relations to different Sciences. 204.2 understand the different theories of Punishment. 204.3 answers questions regarding various normative ethical theories. 204.4 understand the applied ethics.

Unit-I: Nature and scope of Ethics; Relation with other Sciences (Natural Science, Political Science, Sociology and Commerce); Concepts of Right, Good and Duty; Presuppositions of Morality; Freedom, Determinism and Responsibility.

Unit-2:Theories of Punishment: Deterrent, Retributive and Reformative theories; Concept of Capital Punishment; Theories of Relation between Individual and Society.

Unit-3: Normative Ethics: Brief outlines of the Ethical Theories of Aristotle (Theory of Golden Mean), J. Bentham (Quantitative Utilitarianism) J.S. Mill (Qualitative Utilitarianism) Kant (Categorical Imperative).

Unit-4: Applied Ethics: Problems of Female Foeticide, Child Marriage and Dowry Death; Non-Anthropocentrism; Importance of Ethical Values for Contemporary World.

Suggested Books:

W.Lillie	: <i>Manual of Ethics</i> .
J.N.Sinha	: <i>Manual of Ethics</i> (Hindi Version also Available).
V.P. Verma	: <i>Nitishastra Ke Mool Sidhanta</i> .
V.P. Verma	: <i>Adhinitishastra Ke Mool Sidhant</i> .
Dr.H.N.Mishra	: <i>Nitishastra ki Bhumika</i> .
Dr. R.P.Mishra	: <i>Nitishastra</i>
Dr. Ramnath Sharma	: <i>Nitishastra ki Ruprekha</i> .
Aristotle	: <i>Nichomachean Ethics</i> .
J.Bentham	: <i>Principles of Morals and Legislation</i> .
J.S.Mill	: <i>Utilitarianism</i> .
Immanuel Kant	: <i>Foundations of the Metaphysics of Morals</i> .
Immanuel Kant	: <i>Critique of Practical Reason</i> .

M.A. Philosophy
Second Semester
(w.e.f. 2020-21)

Maximum Marks: 100
Theory: 80 Marks
Internal Assessment: 20 Marks
Time Allowed: 3 Hours
Credits-4

PHI-HC-205: Modern Indian Thought (Part-II)

Instructions: The paper-setter is requested to set **Nine** questions in all i.e., One Compulsory objective type question (8x2) without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit equitably spread over the concerned unit. Examinees will have to attempt **Five** questions in all, selecting one question from each unit and **One Objective Type Question**. All questions carry equal marks.

Course Outcome: After completion of the course, the student will be able to 205.1 understand the thought of Mahatma Gandhi. 205.2 understand about the Philosophy of Rabindernath Tagore. 205.3 answers questions regarding various concept of the philosophy of J.Krishnamurti. 205.4 understand the philosophy of Radhakrishnan.

Unit-I: M.K. Gandhi: God is Truth and Truth is God; Non-Violence; Satyagraha; Sarvodya; Concept of Religion and Morality; Swaraj and the Ideal State.

Unit 2: Rabindra Nath Tagore: Reality and God; Proofs for the Existence of God; Nature of Man: Finite and Infinite, Nature of Religion; Ways of Realisation.

Unit-3: J.Krishnamurti: Analysis of Self; Freedom from the Known; Dhyana; Views on Violence; Views on Education; Views on Liberation.

Unit-4: S.Radhakrishnan: God and the Absolute; Nature of Soul; Religion: Its Nature and Essence; Religious Experience; Concept of Moksha.

Suggested Books:

Bhikhu Parekh	: <i>Gandhi's Political Philosophy</i> .
B.K. Lal	: <i>Contemporary Indian Philosophy</i> . (Hindi version
also	available)
J. Krishnamurti	: <i>Freedom from the Known</i> .
J. Krishnamurti	: <i>Tradition and Revolution</i> .
M.K. Gandhi	: <i>Hind Swaraj</i> .
Radhakrishna	: <i>An Idealist view of Life</i> .
R.Tagore	: <i>Religion of Man</i> .
T.M.P. Mahadevan & C.V. Saroja	: <i>Contemporary Indian Philosophy</i> .
V.S. Naravana	: <i>Modern Indian Thought</i> .

M.A. Philosophy
Second Semester
(w.e.f. 2020-21)

Maximum Marks: 50

Theory: 40 Marks

Internal Assessment: 10 Marks

Time Allowed: 3 Hours

Credit-2

PHI-OE-206 Philosophy of Yoga (Open Elective-I)

Instructions: The paper-setter is requested to set **Nine** questions in all i.e., One Compulsory objective type question (8x1) without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit equitably spread over the concerned unit. Examinees will have to attempt **Five** questions in all, selecting one question from each unit and **One Objective Type Question**. All questions carry equal marks.

Course Outcome: After completion of the course, the student will be able to 206.1 understand about the yoga. 206.2 understand about the basics of ashtang yoga . 206.3 answer questions regarding Dharna and Dhyana. 206.4 understand the meaning and importance of Samadhi.

Unit-I Meaning and Definition of Yoga; Kinds of Yoga;

Unit-II Basics of Patanjali Ashtang Yoga; Yama, Niyama , Asana, Pranayama, Pratyahara: its

Meaning, Definition and Importance.

Unit-III Importance of Dharna; Kinds of Dharna (Bahirang and Antrang) Definition and Importance of Dhyana;

Unit-IV Meaning and Importance of Samadhi; Kinds of Samadhi; Difference between Meditation

and Samadhi; Beneficial effects of Meditation on body and mind.

Prescribed Books

Swami Yogeswarananda, *Bhiranga Yoga*, Yog Niketan Trust,

Rishikesh, Uttarakhand.

Swami Vivekananda, *Yoga Darshan*, Ramkrishnam Muth, Nagpur.

N.K.Singh, *Yoga and Meditation Psychotherapy*, New Bhartiya Book Corporation, Delhi.

P.Mukherji, *Yoga Lessons for Developing Spiritual Conscience*, New Bhartiya Book Corporation, Delhi.

M.A. Philosophy
Third Semester
(w.e.f. 2021-22)

Maximum Marks: 100
Theory: 80 Marks
Internal Assessment: 20 Marks
Time Allowed: 3 Hours
Credits-4

Compulsory Paper

PHI-HC-301 Contemporary Western Philosophy –I

Instructions: The paper-setter is requested to set **Nine** questions in all i.e., One Compulsory objective type question (8x2) without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit equitably spread over the concerned unit. Examinees will have to attempt **Five** questions in all, selecting one question from each unit and **One Objective Type Question**. All questions carry equal marks.

Course Outcome: After completion of the course, the student will be able to 301.1 understand analytical philosophy of Moore and Russell. 301.2 understand the theories of meaning of Frege and Wittgenstein . 301.3 to answers questions about the philosophies of A.J.Ayer and J.L. Austin. 301.4 understand the contemporary philosophical theories of William James and G.Ryle.

Unit-1: B. Russell: Logical Atomism; Knowledge by Acquaintance and Knowledge by Description; G.E. Moore: A Defense of Common-sense; Refutation of Idealism.

Unit-2: G. Frege: Sense and Reference; L. Wittgenstein: Meaning as Reference; Meaning as Use; Nature of Philosophical Problems and their Solutions.

Unit-3: A.J Ayer: Rejection of Metaphysics; Verification Principle; Functions of Philosophy; J.L. Austin: Speech Acts; Performative Utterances.

Unit-4: William James: Radical Empiricism; Pragmatism; G.Ryle: Category-Mistake; Descartes' Myth.

Suggested Books:

Ajit Kumar Sinha	: <i>Samkalin Darshan</i> .
B.K.Lal	: <i>Samkalin Paschatya Darshan</i> .
Laxmi Saxena	: <i>Samkalin Darshan</i> .
Jagdish Sahay Shrivastav	: <i>Paschatya Darshan ki parmukh Darshnik Parvartiyen</i> .
Y.Masiha	: <i>A Critical History of Western Philosophy</i> (Hindi version also available)
Nicholas Bunnin & E.P.Tsui-James(Ed.)	: <i>The Blackwell Companion to Philosophy</i> (Second Edition).
Sobha Nigam	: <i>Paschatya Darshan ke samprdaay</i> .

M.A. Philosophy
Third Semester
(w.e.f. 2021-22)

Maximum Marks: 100
Theory: 80 Marks
Internal Assessment: 20 Marks
Time Allowed: 3 Hours
Credits-4

Option (GROUP-A)

PHI-SC-A-302 Social and Political Philosophy –I

Instructions: The paper-setter is requested to set **Nine** questions in all i.e., One Compulsory objective type question (8x2) without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit equitably spread over the concerned unit. Examinees will have to attempt **Five** questions in all, selecting one question from each unit and **One Objective Type Question**. All questions carry equal marks.

Course Outcome: After completion of the course, the student will be able to understand about nature and definition of Social Philosophy. 302.2 understand about Social Change . 302.3 answers questions regarding the institution of Family. 302.4 understand the concepts of different social problems of contemporary times .

Unit-1: Social Philosophy: Definition and Nature of Social Philosophy; Its Methods and Significance; Its Relation with Sociology and Political Science.

Unit-2: Social Change: Kinds of Social Change; Factors leading to Social Change and a check over; Social Progress: Concept and Factors.

Unit-3: Family: Family as a Social Institution; Role of Family in Socialization of Individual; Joint Family System: Merits and Demerits of Joint Family in the Modern Society; Family in the Modern Society.

Unit-4: Social Problems: Female Foeticide, Child Abuse, Child Labour and Corruption in Public Life; Education: Meaning, Definition and Objectives.

Suggested Books:

Ajit Kumar Sinha	: <i>Outlines of Social Philosophy,</i>
Barbara Goodwin	: <i>Using Political Ideas,.</i>
J.S.Makenzi	: <i>Samaj Darshan Ki Ruprekha,</i>
Satyapal Gautam	: <i>Samaj Darshan,.</i>
Shivbhanu Singh	: <i>Samaj Darshan Ka Sarvekshan,</i>
Ramender	: <i>Samaj Avam Rajniti Darshan,</i>

M.A. Philosophy

Third Semester

(w.e.f. 2021-22)

Maximum Marks: 100

Theory: 80 Marks

Internal Assessment: 20 Marks

Time Allowed: 3 Hours

Credits-4

Option (GROUP-A)

PHI-SC-A-303 Philosophy of Religion –I

Instructions: The paper-setter is requested to set **Nine** questions in all i.e., One Compulsory objective type question (8x2) without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit equitably spread over the concerned unit. Examinees will have to attempt **Five** questions in all, selecting one question from each unit and **One Objective Type Question**. All questions carry equal marks.

Course Outcome: After completion of the course, the student will be able to 303.1 understand about the nature and definition of Religion and Philosophy of Religion . 303.2 understand about the origin of Religion and God. 303.3 answers questions regarding arguments of the existence of God. 303.4 to understand the nature of God.

Unit-1: Definition and Nature of Religion; Definition and Nature of Philosophy of Religion; Significance of Philosophy of Religion; Relation of Religion with Science and Philosophy.

Unit-2: Theories of the Origin of Religion; Origin of the Idea of God; Concept of Isvara in Indian Philosophy.

Unit-3: Religious Experience and Religious Consciousness; Arguments for the Existence of God: Ontological Argument, Cosmological Argument, Teleological Argument and Moral Argument.

Unit-4: Atheism; God and the Absolute; Deism, Theism, Pantheism and Panentheism.

Suggested Books:

A.Thompson	: <i>A Modern Philosophy of Religion.</i>
H.P.Sinha	: <i>Dharma Darshan ki Ruprekha.</i>
J.Hick	: <i>An Interpretation of Religion.</i>
M.Hiriyanna	: <i>Quest for Perfection.</i>
N.K.Brahma	: <i>Philosophy of Hindu Sadhana.</i>
N. Smart	: <i>The Religious Experience of Mankind.</i>
Swami Vivekananda	: <i>Complete Works</i> (relevant chapters)
W.James	: <i>Varieties of Religious Experience.</i>
Yacub Masih	: <i>Samanya Dharam Darshan.</i>

M.A. Philosophy
Third Semester
(w.e.f. 2021-22)

Maximum Marks: 100

Theory: 80 Marks

Internal Assessment: 20 Marks

Time Allowed: 3 Hours

Credits-4

Option (GROUP-A)

PHI-SC-A-304 Comparative Religion –I

Instructions: The paper-setter is requested to set **Nine** questions in all i.e., One Compulsory objective type question (8x2) without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit equitably spread over the concerned unit. Examinees will have to attempt **Five** questions in all, selecting one question from each unit and **One Objective Type Question**. All questions carry equal marks.

Course Outcome: 304.1 After completion of the course, the student will be able to 304.1 understand about the essential features of Hinduism . 304.2 understand the different concepts of Hinduism. 304.3 answers questions regarding the basic features of Buddhism. 304.4 understand the basic theories of Buddhism..

Unit-1: Hinduism : Essential Characteristic of Hinduism; Concept of God; Concept of Soul; Theory of World; Law of Karma.

Unit-2: Hinduism: Rebirth; Liberation and its Paths; Concept of Daśāvatāra.

Unit-3: Buddhism: Anti-metaphysical attitude of Buddha; Four Noble-Truths; Nature of Nirvana; Śīla- Samādhi- Prajñā.

Unit-4: Buddhism : Theory of Anātmavāda; Atheism of Buddhism; Concept of Vipassanā Meditation ; Religious Sects: Hīnayāna and Mahāyāna; Difference between Hīnayāna and Mahāyāna.

Suggested Books:

A.Thompson	: <i>A Modern Philosophy of Religion.</i>
H.P.Sinha	: <i>Dharma Darshan ki Ruprekha.</i>
J.Hick	: <i>An Interpretation of Religion.</i>
Kedar Nath Tiwari	: <i>Comparative Religion.</i>
M.Hiriyanna	: <i>Quest for Perfection.</i>
N.K.Brahma	: <i>Philosophy of Hindu Sadhana.</i>
N. Smart	: <i>The Religious Experience of Mankind.</i>
Swami Vivekananda	: <i>Complete Works</i> (relevant chapters)
V.P. Verma	: <i>Dharma Darshan ki Mool Samsayayein.</i>
Vatsyayan	: <i>Philosophy of Religion</i> (World Religions)
W.James	: <i>Varieties of Religious Experience.</i>
Yacub Masih	: <i>A Comparative Philosophy of Religion</i>
Osho Rajneesh	: <i>Dhayanayoga</i>

M.A. Philosophy

Third Semester

(w.e.f. 2021-22)

Maximum Marks: 100

Theory: 80 Marks

Internal Assessment: 20 Marks

Time Allowed: 3 Hours

Credits-4

Option (GROUP-A)

PHI-SC-A-305Yoga as Applied Philosophy –I

Instructions: The Paper-setter is requested to set Nine questions in all i.e., One Compulsory Objective Type Question without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit, spread over all the concerned unit, will also be set. Examinees will have to attempt Five questions in all, selecting One question from each unit. Objective Type Question is compulsory. All questions carry equal marks.

Course Outcome: After completion of the course, the student will be able to 305.1 understand about the Meaning, Definition of Yoga and different Gunas of Prakriti . 305.2 understand the different concept of Sankhya Philosophy . 305.3 answers questions regarding the basic features of Yama and Niyama and their importance in life. 305.4 understand the basic of Asanas and Pranayama.

Unit-1: Philosophy of Yoga: Meaning, Definition, Origin & Development of Yoga. Doctrine of Three Guṇas; Prakṛti; Puruṣa; Doctrine of Kleśa.

Unit-2: Theory of Evolution; Sāṅkhya theory of Illusion; Three Kinds of Tāpas

Unit-3: Citta and its varieties; Methods of Citta-control; Five kinds of Yama and Niyama; Their Role in Yoga, Their Importance in Personal and Social Life.

Unit-4: Asanas: Principles of their Practice, their Kinds and their Cultural, Physiological and Therapeutic Effects; Pranāyāma: Its varieties and techniques with their benefits.

Suggested Books:

K.S.Bashi	: <i>Cure Yourself Through Yoga.</i>
Pavan Kumari	: <i>Patanjali Yoga Sutra: A Critical Study.</i>
Raghunath Safaya	: <i>Indian Psychology.</i>
Ramnath Shama & Rachana Sharma	: <i>Bhartiya Manovijyana.</i>
Sri Ram Chandra Gupta	: <i>Yogic Culture and Modern Man- Secrets of Vital Health and Happiness.</i>
Swami Shivapermananda	: <i>Step-by-Step Yoga for Stress Relief.</i>
Surender Kumar Sharma	: <i>Hathiyoga: Ek Atihasik Pripekshya.</i>
Swami Sampurnananda	: <i>Yoga-Darshan.</i>
S.P. Atreya	: <i>Yoga Psychology.</i>
Swami Vivekananda	: <i>Raja Yoga.</i>
Udayavir Shastri	: <i>Samkhya Sutra- Kapilmuni.</i>

M.A. Philosophy
Third Semester
(w.e.f. 2017-18)

Maximum Marks: 50
Theory: 40 Marks
Internal Assessment: 10 Marks
Time Allowed: 3 Hours
Credits -2

PHI-OE-306 Indian Ethics (Open Elective-II)

Instructions: The paper-setter is requested to set **Nine** questions in all i.e., One Compulsory objective type question (8x1) without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit equitably spread over the concerned unit. Examinees will have to attempt **Five** questions in all, selecting one question from each unit and **One Objective Type Question**. All questions carry equal marks.

Course Outcome: After completion of the course, the student will be able to 306.1 understand about the ethics . 206.2 understand about value. 206.3 answer questions regarding different concepts of life. 206.4 understand about the applied ethics.

Unit-I Meaning, Definition and Importance of Indian Ethics; Relation of Indian Ethics with Political Science, Philosophy and Religion.

Unit-II Meaning, Definition of Value; Kinds and Hierarchy of Values:

Unit-III Traditional Indian Ethical Concept for Life: Nishkam Karma yoga;
Purushartha Chatusthya,, Concept of Rna. Triratna,Panchsila.

Unit-IV Applied Ethics: Violence in Society; Problem of Female Foeticide;
Professional Ethics: Corruption, Red Tapism. Environmental Ethics.

Prescribed Books

Dr. Hardyanarayan Mishra, *Nitishastra ki Bhumika*, Rajasthan Hindi Granth Academy, Jaipur
Dr. Ram Nath Sharma, *Bhartiya Nitishastra*, Kedar Nath Ramnath , Meerut
Dr. R.P. Singh, *Indian Ethics*, Bharti Bhawan Prakashan, Patna.
Dr. Ashok Kumar Verma, *Nitirhastra Ki Ruprekha*, MLBD, NewDelhi.
Dr. S.N.Gupta, *Nitishastra ki Naveen Ruprekha*,Deluxe Publication, Railway Road, Jalandhar city

M.A. Philosophy
Third Semester
(w.e.f. 2021-22)

Maximum Marks: 100

Theory: 80 Marks

Internal Assessment: 20 Marks

Time Allowed: 3 Hours

Credits-4

Optional Paper (GROUP-B)

PHI-SC-B-302 Philosophical Teachings of Shrimadbhagvad-Gita – I

Instructions: The paper-setter is requested to set **Nine** questions in all i.e., One Compulsory objective type question (8x2) without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit equitably spread over the concerned unit. Examinees will have to attempt **Five** questions in all, selecting one question from each unit and **One Objective Type Question**. All questions carry equal marks.

Course Outcome: After completion of the course , the student will be able to 302.1 understand about basics of Bhagavad-Gita . 302.2 understand the spiritual background of Bhagavad-Gita. 302.3 answers questions regarding different ethical teachings. 302.4 understand the different Yogic teaching of Bhagavad-Gita.

- Unit I:** Bhagavad-Gita: Meaning, Origin, History and Context; Subject Matter of Bhagavad-Gita; Traitvada, Dvaitavada, Advaitvada, Avataravada; Contemporary Relevance of Bhagavad-Gita.
- Unit II:** Spiritual Background of Bhagavad-Gita: Parmatman; Atman; Prakrti; Concept of Adhibhuta, Adhidvaita and Adhiyajna; Concept of Kshetra and Kshetraja; Concept of Srishti.
- Unit III:** Ethical Teachings of Bhagavad-Gita: Yajna Vichar -- Sattvika, Rajasika and Tamasika; Karma, Vikarama and Akarma; Concept of 'Sansayatma Vinashyati'; Concept of Nishkama Karma; Concept of Jyanayoga, Karmayoga and Bhaktiyoga; Necessity of Ethical Teachings of Bhagavad-Gita.
- Unit IV :** Yogic Teachings of Bhagavad-Gita : Samatva Yoga Uchyate; Samye Sthitam Manah; Yogstha Kuru Karmani; Yogah Karmasu Kausalam; Sthitprajna, Vitaraga and Prajna Pratistha.

Suggested Books:

1. *Shrimadbhagvadgita* Shankar Bhashya,.
2. *Shrimadbhagvadgita* Ramanuj Bhashya,.
3. Shri Aurobind, *Essays on Gita*,.
4. B.G. Tilak, *Srimadbhagvadgita Bhashya*,
5. Osho Rajneesh, *Gita Darshana*
6. R.S. Garg, *Gita for Success in Modern Life*

M.A. Philosophy
Third Semester
(w.e.f. 2021-22)

Maximum Marks: 100
Theory: 80 Marks
Internal Assessment: 20 Marks
Time Allowed: 3 Hours
Credits -4

Option (GROUP-B)

PHI-SC-B-303 Western Ethical Theories –I

Instructions: The Paper-setter is requested to set Nine questions in all i.e., One Compulsory Objective Type Question without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit, spread over all the concerned unit, will also be set. Examinees will have to attempt Five questions in all, selecting One question from each unit. Objective Type Question is compulsory. All questions carry equal marks.

Course Outcome: After completion of the course, the student will be able to 303.1 understand about the moral theories of different post Aristotelian thinkers . 303.2 understand the Utilitarianism. 303.3 answers questions regarding different evolutionary ethical theories . 303.4 understand the different Moral concepts.

Unit-1: Moral Skepticism: Sophists, Pyrrho; Post Aristotelian Moral Theories: Epicureanism, Stoicism.

Unit-2: Hedonism: Hobbes, Hume; Utilitarianism: Kinds -- Act-Utilitarianism and Rule-Utilitarianism.

Unit-3: Evolutionary Ethical Theories: Herbert Spencer, Samuel Alexander; Perfectionism: T.H.Green, F.H.Bradley.

Unit-4: Intuitionism : Samuel Clark, Shaftsbury, Butler; Kant: Regorism.

Suggested Books:

John S. Mackenzie	: <i>A Manual of Ethics.</i>
J.N.Sinha	: <i>A Manual of Ethics.</i>
Haridya Naryana Mishra	: <i>Nitishastra Ke Parmukh Siddhant.</i>
S.N.Gupta	: <i>Nitishastra va Samaj-Darshan ki Ruprekha.</i>
Tandra Patnaik	: <i>Issues in Practical Ethics.</i>
V.P.Verma	: <i>Nitishastra ke Mool Siddhant.</i>
V.P.Verma	: <i>Adhinitishastra ke Mool Siddhant.</i>

M.A. Philosophy

Third Semester

(w.e.f. 2021-22)

Maximum Marks: 100

Theory: 80 Marks

Internal Assessment: 20 Marks

Time Allowed: 3 Hours

Credits -4

Option (GROUP-B)

PHI-SC-B-304 Applied Ethics

Instructions: The Paper-setter is requested to set Nine questions in all i.e., One Compulsory Objective Type Question without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit, spread over all the concerned unit, will also be set. Examinees will have to attempt Five questions in all, selecting One question from each unit. Objective Type Question is compulsory. All questions carry equal marks.

Course Outcome: After completion of the course, the student will be able to 304.1 understand about the Applied Ethics. 304.2 understand the different concept of applied ethics. 304.3 answers questions regarding different ethical problems. CO-303.4 understand the different ethical and social concepts.

Unit-1: Origin, Nature and Scope of Applied Ethics; Main Streams, Limitations and Relevance.

Unit-2: Capital Punishment: Arguments -- For and Against; Mental Pollution by Media: Arguments -- For and Against; Cloning Humans: Arguments -- For and Against.

Unit-3: Problem of Euthanasia; Moral Rights of the Foetus; Rights of Animals.

Unit-4: Female Foeticide; Child Abuse; Violence: Effect on Women and Children.

Suggested Books:

- A.P.Dubey : *Applied Ethics*, Northern Book Centre, New Delhi, 2004.
- Brenda Almond & Donald Hill : *Applied Philosophy: Morals and Metaphysics in Contemporary debates*, Routledge & Kegan Pal, London, 1991.
- David S.Oderberg : **Applied Ethics**, Blackwell Publishers, First ed.2000.
- E.R. Winkler & J.R. Combe (eds.): *Applied Ethics: A Reader*, Blackwell, 1993.
- G.C.Grabar & D.C. Thomasma : *Theory and Practice in Medical Ethics*, The Continuum co. New York, 1989.
- Jennifer Jackson : *Ethics in Medicine*, Polity Press, Cambridge, 2006.
- May Briody Mahowald : *Bioethics and Woman-*, Oxford University Press, 2006
- Peter Singer (Ed.) : *Applied Ethics-* Oxford University Press, 1986.

M.A. Philosophy

Third Semester

(w.e.f. 2021-22)

Maximum Marks: 100

Theory: 80 Marks

Internal Assessment: 20 Marks

Time Allowed: 3 Hours

Credits -4

Option (GROUP-B)

PHI-SC-B-305 Philosophy of Mind (Indian)

Instructions: The Paper-setter is requested to set Nine questions in all i.e., One Compulsory Objective Type Question without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit, spread over all the concerned unit, will also be set. Examinees will have to attempt Five questions in all, selecting One question from each unit. Objective Type Question is compulsory. All questions carry equal marks.

Course Outcome: After completion of the course, the student will be able to 305.1 understand about the nature of mind. 305.2 understand the different Indian concepts of consciousness. 305.3 answers questions regarding different state of mind. 305.4 to understand the nature of personality.

Unit-1: Nature and Scope of Indian Philosophy of Mind and its Methods; Comparative study of Indian & Western approaches.

Unit-2: Upaniṣad: Concept of States of Consciousness; Buddhism: Factors of Personality and Nature of Perception; Jainism: Nature of Consciousness.

Unit-3: Nyāya: Concept of Personality, States of Consciousness, Vaiśeṣika: Factors of Personality and Theories of Consciousness.

Unit-4: Sāṅkhya: Nature of Personality: Trigūṇa Theory; Yoga: The Philosophy of Kleśas; States of Consciousness; Factors of Personality.

Suggested Books:

- B. Kuppaswamy : *Elements Of Ancient Indian Psychology*, Vikas Publisher, New Delhi, 1979.
- Chennakesavan, Sarasvati : *Concept of Mind in Indian Philosophy*. Motilal Banarsidash Publisher Pvt. Ltd.: Delhi, 1991.
- Dutta & Chatterjee : *An Introduction to Indian Philosophy*. University of Calcutta, 1984.
- Kireet, Joshi et al (Eds) : *Consciousness, Indian Psychology and Yoga*, Indian Book Corporation, 2005.
- N. Ross Reat : *Origins of Indian Psychology*, Asian Humanities Press, 1990.
- Jadunath Sinha : *Indian Psychology: Cognition; Emotion and Will; Epistemology of Perception* (3 Vols.), Motilal Banarsidass, New Delhi, 1986.
- Raghnath Safaya : *Indian Psychology: A Critical and Historical Analysis of Psychological Speculation in Indian Philosophical Literature*, Munshiram Manoharlal Publishers Pvt., New Delhi, 1976.
- Ram Nath Sharma & Rachna Sharma : *Bhartiya Manovijyana*, Atlantic Publishers and Distributors, New Delhi, 2005.
- Silva, Padmasiri : *An Introduction to Buddhist Psychology*. Macmillan Press Ltd., 2000.
- S.K.Ramakrishna Rao : *Development of Psychological Thoughts in India*, Kavlaya Publishers, Mysore.
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M.A. Philosophy
Fourth Semester
(w.e.f. 2021-22)

Maximum Marks: 100
Theory: 80 Marks
Internal Assessment: 20 Marks
Time Allowed: 3 Hours
Credits-4

Compulsory Paper

PHI-HC-A-401: Contemporary Western Philosophy – II

Instructions: The paper-setter is requested to set **Nine** questions in all i.e., One Compulsory objective type question (8x2) without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit equitably spread over the concerned unit. Examinees will have to attempt **Five** questions in all, selecting one question from each unit and **One Objective Type Question**. All questions carry equal marks.

Course Outcome: After completion of the course, the student will be able to 401.1 understand the philosophy of Husserl and Heidegger. 401.2 understand about the Existential Philosophy of Kierkegaard and Jaspers. 401.3 answers questions regarding Sartre's existentialism. 401.4 understand the different existential concepts of Marcel and Nietzsche.

Unit-I: E. Husserl: Phenomenological Method; Intentionality of Consciousness;

M. Heidegger: Modes of *Dasein*; Authentic Existence and Inauthentic Existence, Difference between Being and beings.

Unit-2: S.A. Kierkegaard: Truth is Subjectivity; Three stages of Existence;

K. Jaspers: Modes of Existence; Ultimate Situations, Encompassing and Transcendence.

Unit-3: Jean Paul Sartre: Existence precedes Essence; Being-in-itself; Being-for-itself; Being-for others; Consciousness and Nothingness; Inauthentic Existence.

Unit-4: G. Marcel: Problem and Mystery; I and Thou; Freedom and Experiencing God;

F. Nietzsche: Atheistic Existentialism; Will to Power; Criticism of God.

Suggested Books:

Ajit Kumar Sinha	: <i>Samkalin Darshan</i> .
B.K.Lal	: <i>Samkalin Paschatya Darshan</i> .
Laxmi Saxena	: <i>Samkalin Darshan</i> .
Jagdish Sahay Shrivastav	: <i>Paschatya Darshan ki pammukh Darshnik Parvartian</i> .
Y.Masiha	: <i>A Critical History of Western Philosophy</i> (Hindi version also available)
John Macquarrie	: <i>Existentialism</i> .
H.J. Blackham	: <i>Six Existentialist Thinkers</i> .
M.K.Bhadra	: <i>A Critical Survey of Phenomenology and Existentialism</i> .
Martine Heidegger	: <i>Introduction to Metaphysics</i> .
Nicholas Bunnin & E.P.Tsui-James(Ed.)	: <i>The Blackwell Companion to Philosophy</i> (Second Edition).
Sobha Nigam	: <i>Paschatya Darshan ke samprdaay</i> .

M.A. Philosophy
Fourth Semester
(w.e.f. 2021-22)

Maximum Marks: 100
Theory: 80 Marks
Internal Assessment: 20 Marks
Time Allowed: 3 Hours
Credits-4

Option (GROUP -A)

PHI-SC-A-402: Social and Political Philosophy – II

Instructions: The paper-setter is requested to set **Nine** questions in all i.e., One Compulsory objective type question (8x2) without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit equitably spread over the concerned unit. Examinees will have to attempt **Five** questions in all, selecting one question from each unit and **One Objective Type Question**. All questions carry equal marks.

Course Outcome: After completion of the course, the student will be able to 402.1 understand about Indian Social Systems. 402.2 understand about the nature and essential features of Society. 402.3 answers questions regarding different political ideology. 402.4 understand the different aspect of Gender Equality.

Unit-1: Indian Social Systems: Varṇa-System; Theories of Origin and Position of Different Varṇas; Difference between Class, Caste and Varna. Caste Discrimination: Swami Dayanand, Gandhi and Ambedkar.

Unit-2: Society: Meaning, Origin and Relation between Individual and Society (Social Contract Theory, Organic Theory and Idealistic Theory).

Unit -3: Political Ideologies: Democracy, Socialism, Humanism and Secularism.

Unit-4: Gender Equality: Meaning of Gender Equality; Woman and Society: Sociological View; Woman and Social Change; Position of Women in India.

Suggested Books:

Ajit Kumar Sinha	: <i>Outlines of Social Philosophy,</i>
J.S.Makenzi	: <i>Samaj Darshan Ki Ruprekha,</i>
Ramender	: <i>Samaj Avam Rajniti Darshan,</i>
Satyapal Gautam	: <i>Samaj Darshan,</i>
Shivbhanu Singh	: <i>Samaj Darshan Ka Sarvekshan,</i>
Ramnath Sharma	: <i>Samaj Darshan.</i>

M.A. Philosophy
Fourth Semester
(w.e.f. 2021-22)

Maximum Marks: 100
Theory: 80 Marks
Internal Assessment: 20 Marks
Time Allowed: 3 Hours
Credits-4

Option (GROUP -A)

PHI-SC-A-403: Philosophy of Religion – II

Instructions: The paper-setter is requested to set **Nine** questions in all i.e., One Compulsory objective type question (8x2) without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit equitably spread over the concerned unit. Examinees will have to attempt **Five** questions in all, selecting one question from each unit and **One Objective Type Question**. All questions carry equal marks.

Course Outcome: After completion of the course, the student will be able to 403.1 understand about the basic concepts of Indian Philosophy. 403.2 understand about possibility of Universal Religion and inter religious dialogue. 404.3 to answers questions regarding different concepts of Philosophy of Religion. 404.4 understand Mysticism and some basic concepts of Indian Philosophy.

Unit-1: Freedom of Will, Karma and Rebirth; Puruṣārthas: Dharma, Artha, Kāma and Mokṣa; Objections against Religion.

Unit-2: Inter-Religious dialogue and the possibility of universal religion with special reference to Hinduism, Sikhism, Buddhism and Christianity; Problem of Religious Language: Cognitive, Non-Cognitive and Semi-Cognitive Theories.

Unit- 3: Secularism; Religious Tolerance; Religion and Scientific Outlook; Religion and Reason; Religion and Terrorism.

Unit- 4: Mysticism; God, Man and the World; Brahman, Isvara, Jiva and Jagat.

Suggested Books:

H.P.Sinha	: <i>Dharma Darshan ki Ruprekha.</i>
J.Hick	: <i>An Interpretation of Religion.</i>
N.K.Brahma	: <i>Philosophy of Hindu Sadhana.</i>
N. Smart	: <i>The Religious Experience of Mankind.</i>
R.Otto	: <i>The Idea of the Holy.</i>
Swami Vivekananda	: <i>Complete Works</i> (relevant chapters)
W.James	: <i>Varieties of Religious Experience.</i>
Yacub Masih	: <i>Samanya Dharam Darshan.</i>
V.P.Verma	: <i>Dharma Darshan ki mool Samsyaen</i>

M.A. Philosophy
Fourth Semester
(w.e.f. 2021-22)

Maximum Marks: 100
Theory: 80 Marks
Internal Assessment: 20 Marks
Time Allowed: 3 Hours
Credits-4

Option (GROUP -A)

PHI-SC-A-404: Comparative Religion – II

Instructions: The paper-setter is requested to set **Nine** questions in all i.e., One Compulsory objective type question (8x2) without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit equitably spread over the concerned unit. Examinees will have to attempt **Five** questions in all, selecting one question from each unit and **One Objective Type Question**. All questions carry equal marks.

Course Outcome: After completion of the course, the student will be able to 401.1 understand about the basic concepts of Jainism . 404.2 understand the basics of Islam . 404.3 After studying the answers questions regarding different concepts of Christianity . 404.4 understand the essential concepts of Sikhism .

Unit-1: Jainism : Theory of Substance; Concept of Soul; Theory of Bondage and Liberation; Theism and Jainism.

Unit-2: Islam: Concept of God (Allah); The Cardinal Principles of Islam; Five Pillars of Islam; Ethical Teachings and Various Sects.

Unit-3: Christianity: Concept of God; Nature of the World; Problem of Evil and its Solution; Sermon of the Mount.

Unit-4: Sikhism: Concept of God; Ataman, Jagat, Guru and Moksha.

Suggested Books:

A.Thompson	: <i>A Modern Philosophy of Religion.</i>
H.P.Sinha	: <i>Dharma Darshan ki Ruprekha.</i>
J.Hick	: <i>An Interpretation of Religion.</i>
Kedar Nath Tiwari	: <i>Comparative Religion.</i>
M.Hiriyanna	: <i>Quest for Perfection.</i>
N.K.Brahma	: <i>Philosophy of Hindu Sadhana.</i>
N. Smart	: <i>The Religious Experience of Mankind.</i>
R.Otto	: <i>The Idea of the Holy.</i>
Swami Vivekananda	: <i>Complete Works</i> (relevant chapters)
V.P. Verma	: <i>Dharma Darshan ki Mool Samsayayein.</i>
Vatsyayan	: <i>Philosophy of Religion</i> (World Religions)
W.James	: <i>Varieties of Religious Experience.</i>
Yacub Mashih	: <i>A Comparative Philosophy of Religion</i>

M.A. Philosophy

Fourth Semester

(w.e.f. 2021-22)

Maximum Marks: 100

Theory: 80 Marks

Internal Assessment: 20 Marks

Time Allowed: 3 Hours

Credits-4

Option (GROUP -A)

PHIL-SC-A-405 Yoga as Applied Philosophy – II

Instructions: The Paper-setter is requested to set Nine questions in all i.e., One Compulsory Objective Type Question without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit, spread over all the concerned unit, will also be set. Examinees will have to attempt Five questions in all, selecting One question from each unit. Objective Type Question is compulsory. All questions carry equal marks.

Course Outcome: After completion of the course, the student will be able to 405.1 understand about different parts of Yoga. 405.2 understand about Samadhi and its stages. 405.3 answers questions regarding different Citta Bhumiyan and know about how to built mental health. 405.4 understand the different kinds of Yoga .

Unit-1: Pratyāhara; Dharnā (Contemplation); Dhayāna.

Unit-2: Samadhi and its Stages; Concept of Isvara and its Importance in Yoga.

Unit-3: Citta Bhumiyan and Stage of Samapatti and its Varieties; Modification of the Thinking Principles; How to Built Mental Health (Brahamviharas).

Unit-4: General Introduction of Karma-Yoga, Bhakti-Yoga, Jyāna-Yoga, Hath-Yoga and Mantra-Yoga.

Suggested Books:

- | | |
|--------------------------------|---|
| K.S.Bashi | : <i>Cure Yourself Through Yoga.</i> |
| Pavan Kumari | : <i>Patanjali Yoga Sutra: A Critical Study.</i> |
| Raghunath Safaya | : <i>Indian Psychology.</i> |
| Ramnath Shama & Rachana Sharma | : <i>Bhartiya Manovijyana.</i> |
| Sri Ram Chandra Gupta | : <i>Yogic Culture and Modern Man- Secrets of Vital Health and Happiness.</i> |
| Swami Shivapermananda | : <i>Step-by-Step Yoga for Stress Relief.</i> |
| Surender Kumar Sharma | : <i>Hathiyoga: Ek Atihasik Pripekshya.</i> |
| Swami Sampurnananda | : <i>Yoga-Darshan.</i> |
| S.P. Atreya | : <i>Yoga Psychology.</i> |
| Swami Vivekananda | : <i>Raja Yoga.</i> |
| Udayavir Shastri | : <i>Samkhya Sutra- Kapilmuni.</i> |
| A.V.Keith (Trans.Shiv Kumar) | : <i>Samkhya Darshan ka Itihas.</i> |
| Shrimad Bhagvad Gita | : (only chapter 2,3,6 & 12 th) |

M.A. Philosophy
Fourth Semester
(w.e.f. 2021-22)

Maximum Marks: 100

Theory: 80 Marks

Internal Assessment: 20 Marks

Time Allowed: 3 Hours

Credits-4

Optional Paper (GROUP-B)

PHI-SC-B-402 Philosophical Teachings of Shrimadbhagavad-Gita – II

Instructions: The paper-setter is requested to set **Nine** questions in all i.e., One Compulsory objective type question (8x2) without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit equitably spread over the concerned unit. Examinees will have to attempt **Five** questions in all, selecting one question from each unit and **One Objective Type Question**. All questions carry equal marks.

Course Outcome: After completion of the course, the student will be able to 402.1 understand about the philosophical background of Bhagavad-Gita. 402.2 understand the Sociological Background of Bhagavad-Gita. 402.3 answers questions regarding Psychological Teachings of Bhagavad-Gita. 402.4 understand the Political and Educational Teachings of Bhagavad-Gita.

- Unit I:** Philosophical Background of Bhagavad-Gita: Theory of Causation; Kshara, Akshara and Purushottam; Concept of Atman; Concept of Trigunatmaka Prakriti; Concept of Mokhsa.
- Unit II:** Sociological Background of Bhagavad-Gita: Concept of Varna; Concept of Karma – Sattvik, Rajasika and Tamasika; Concept of Universal Dharma; Daivi Sampad and Asuri Sampad; Concept of 'Svadharmā Nidhanam Shreyah Pradharmo Bhayavahah; Concept of Lokasangraha.
- Unit III:** Psychological Teachings of Bhagavad-Gita: Contemporary Man, Mental Diseases and Bhagavad-Gita; Yuddha, Dharma and Bhagavad-Gita; Atankvada and Bhagavad-Gita; Sri Krishna – The First Psychologist of Known History.
- Unit IV:** Political and Educational Teachings of Bhagavad-Gita; Concept of Rajarshi and Comparison with Plato's Concept of Philosopher King; Concept of Four Types of Bhakta (Shishya); Concept of Religious Nation; Necessity of Bhagavad-Gita in Educational Institutions; Concept of Yoga of Bhagavad-Gita for the Benefit of Students, Politicians and Security Forces.

Suggested Books:

1. *Shrimadbhagvadgita* Shankar Bhashya,.
2. *Shrimadbhagvadgita* Ramanuj Bhashya,.
3. Shri Aurobind, *Essays on Gita*,.
4. B.G. Tilak, *Srimadbhagvadgita Bhashya*,
5. Osho Rajneesh, *Gita Darshana*
6. R.S. Garg, *Gita for Success in Modern Life*.

M.A. Philosophy
Fourth Semester
(w.e.f. 2021-22)

Maximum Marks: 100
Theory: 80 Marks
Internal Assessment: 20 Marks
Time Allowed: 3 Hours
Credits-4

Option (GROUP-B)

PHIL-SC-B-403 Western Ethical Theories – II

Instructions: The Paper-setter is requested to set Nine questions in all i.e., One Compulsory Objective Type Question without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit, spread over all the concerned unit, will also be set. Examinees will have to attempt Five questions in all, selecting One question from each unit. Objective Type Question is compulsory. All questions carry equal marks.

Course Outcome: After completion of the course, the student will be able to 403.1 understand about the Meta-Ethics. 403.2 understand the Naturalism and Intuitionism . 403.3 answers questions regarding Emotivism and Prescriptivism. 403.4 understand the different concepts of Applied Ethics .

Unit-1: Meta-Ethics: Nature and problems of Meta-ethics; Types of Meta-ethics; Naturalism and its types.

Unit-2: Non-naturalism: Meaning and Description; Intuitionism: G.E.Moore, H.A. Pichard, W.T.Ross.

Unit-3: Emotivism: Ayer and Stevenson; Prescriptivism: R.M. Hare, J.Urmson.

Unit-4: Applied Ethics: Nature and purpose of Applied Ethics; Main types of Applied Ethics: Business Ethics, Environmental Ethics and Medical Ethics.

Suggested Books:

A.K.Shrivastava	: <i>Environmental Ethics</i> .
A.P.Dubey	: <i>Applied Ethics</i>
David S.Oderberg	: <i>Applied Ethics</i> .
John S. Mackenzie	: <i>A Manual of Ethics</i> .
J.N.Sinha	: <i>A Manual of Ethics</i> .
Haridya Naryana Mishra	: <i>Nitishastra Ke Parmukh Siddhant</i> .
Peter Singer (ed.)	: <i>Applied Ethics</i> .
S.N.Gupta	: <i>Nitishastra va Samaj-Darshan kie Ruprekha</i> .
Tandra Patnaik	: <i>Issues in Practical Ethics</i> .
V.P.Verma	: <i>Nitishastra ke Mool Siddhant</i> .
V.P.Verma	: <i>Adhinitishastr ke Mool Siddhant</i> .

M.A. Philosophy
Fourth Semester
(w.e.f. 2021-22)

Maximum Marks: 100
Theory: 80 Marks
Internal Assessment: 20 Marks
Time Allowed: 3 Hours
Credits -4

Option (GROUP-B)

PHI-SC-B-404 Environmental Ethics

Instructions: The Paper-setter is requested to set Nine questions in all i.e., One Compulsory Objective Type Question without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit, spread over all the concerned unit, will also be set. Examinees will have to attempt Five questions in all, selecting One question from each unit. Objective Type Question is compulsory. All questions carry equal marks.

Course Outcome: After completion of the course, the student will be able to 404.1 understand about the basic concepts of Environmental Ethics. 404.2 understand the different environmental problems . 404.3 answers questions regarding Ecology. 404.4 understand the different concepts of deep ecology.

Unit-1: Nature and Scope of Environmental Ethics; Basic Concepts and Issues.

Unit-2: Nature, Man and Society: A Plea for Non-Anthropocentrism; Climate Change: Meaning, Causes and Preventions.

Unit-3: Environmental Ethics and Ecology: Nature and Scope of Ecology: Main characteristics of Ecology.

Unit-4: Sustainable Development and Environment; Deep Ecology: Meaning and Definition: Characteristics of Deep Ecology; Gaia Theory.

Suggested Books:

Brenda Almond & Donald Hill	: <i>Applied Philosophy: Morals and Metaphysics in Contemporary debates,</i>
E.R. Winkler & J.R. Combe (eds.)	: <i>Applied Ethics: A Reader</i>
Kanchan Saxena	: <i>Readings in Applied Philosophy,</i>
Haridya Naryana Mishra	: <i>Philosophy of Ecology,</i>
John Benson	: <i>Environmental Ethics,</i>
Patrick Curry	: <i>Ecological Ethics: An Introduction,</i>

M.A. Philosophy
Fourth Semester
(w.e.f. 2021-22)

Maximum Marks: 100
Theory: 80 Marks
Internal Assessment: 20 Marks
Time Allowed: 3 Hours
Credits -4

Option (GROUP-B)

PHI-SC-B-405 Philosophy of Mind (Western)

Instructions: The Paper-setter is requested to set Nine questions in all i.e., One Compulsory Objective Type Question without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit, spread over all the concerned unit, will also be set. Examinees will have to attempt Five questions in all, selecting One question from each unit. Objective Type Question is compulsory. All questions carry equal marks.

Course Outcome: After completion of the course, the student will be able to 405.1 understand about the mind . 405.2 understand the Cartesian Dualism . CO-404.3 answers questions regarding Behaviorism . 403.4 understand the functionalism .

Unit-1: Nature of Western Philosophy of Mind; Nature of Consciousness: First Person Account & Third Person Account.

Unit-2: Cartesian Dualism: Meaning, Problems and its Modifications.

Unit-3: Behaviourism: Meaning; Psychological Behaviorism of B.F.Skinner; Philosophical Behaviourism of L. Wittgenstein & G.Ryle; Identity Theory of J.J.C. Smart.

Unit-4: A General Introduction of Functionalism; Representational Theory of Mind; Inter representational theories of Mind (Donald Davidson & Daniel C. Dennett) and Eliminativism (Paul Churchland).

Suggested Books:

Bechtel, William	: <i>Philosophy of Mind</i>	: <i>An Overview of Cognitive Science,</i>
Jerome A. Shaffer	: <i>Philosophy of Mind,</i>	
Heil John	: <i>Philosophy of Mind</i> (a contemporary introduction	
Pradhan,R.C.	: <i>Recent Developments in Analytic Philosophy.</i>	
Shukla, J.P.	: <i>The Nature of Mind.</i>	
Titus, H.H. &	: <i>Living Issues in Philosophy.</i>	
William O' Donohue	: <i>Philosophy of Psychology,</i>	

Department of Philosophy
Kurukshetra University Kurukshetra
Scheme of Examination and Syllabus for B.A.
Under Choice Based Credit System
Subject: Philosophy
w.e.f. 2020-21 in phased manner

Se me ster	COURSE	Paper No.	Nomenclature of paper	Credits	Teach ing (Theo ry+Tu torial	Intern al marks	Extern al Marks	Total	Duration of Exam
I	CC- Philosophy -1	B-PHI- 101(i)	Outlines of Indian Philosophy	6	5+1	20	130	150	3Hrs
II	CC- Philosophy -2	B-PHI - 201(i)	Outlines of Western Philosophy	6	5+1	20	130	150	3Hrs
III	CC- Philosophy -3	B-PHI - 301(i)	Logic(Indian)	6	5+1	20	130	150	3Hrs
IV	CC- Philosophy -4	B-PHI - 401(i)	Logic (Western)	6	5+1	20	130	150	3Hrs
	SEC-I Philosophy	B-PHI - SEC(i)	Applied Reasoning	2	2	10	40	50	2Hrs
V	DSE- Philosophy -1	DSE- PHI- 501(i)	Ethics and Social Philosophy (Indian)	6	5+1	20	130	150	3Hrs
			OR						
		DSE- PHI - 502(i)	Yoga- Bahiranga Yoga	6	5+1	20	130	150	3Hrs
			OR						
		DSE- PHI - 503(i)	*MOOC course from Swayam Portal						
	GE-1	GE-PHI -504(i)	Outlines of Indian Philosophy	2	2	10	40	50	2 Hrs
VI	DSE- Philosophy -2	DSE- PHI- 601(i)	Ethics and Social Philosophy (Western)	6	5+1	20	130	150	3Hrs
			OR						
		DSE- PHI - 602(i)	Yoga- Antaranga Yoga	6	5+1	20	130	150	3Hrs
	GE-2	GE- PHI- 604(i)	Outlines of Western Philosophy	2	5+1	10	40	50	2 Hrs

*Note: For GE Course, the students would study compulsory papers of 1st and 2nd semester in 5th and 6th semester respectively

**Programme Outcomes (PO) of Bachelor of Arts (General) CBCS
Programmes/Courses in the Institute of Integrated and Honours Studies,
Kurukshetra University, Kurukshetra**

PO 1: Demonstrate a detailed knowledge and understanding of selected fields of study in core disciplines in the humanities, social sciences and languages;

PO 2: Apply critical and analytical skills and methods to the identification and resolution of problems within complex changing social contexts;

PO 3: Demonstrate a general understanding of the concepts and principles of selected areas of study outside core disciplines of the humanities, social sciences and languages;

PO 4: Apply an independent approach to knowledge that uses rigorous methods of inquiry and appropriate theories;

PO 5: Articulate the relationship between diverse forms of knowledge and the social, historical and cultural contexts that produced them;

PO 6: Communicate effectively and show ability to read, write, listen to and speak in a chosen language/s with fluency;

PO 7: Act as informed and critically discerning participants within the community of scholars, as citizens and in the work force;

PO 8: Work with independence, self-reflection and creativity to meet goals and challenges in the workplace and personal life

PSO (Program Specific Outcome)

for

B.A. (General) Philosophy

1. Enhancement of ancient Indian wisdom.
2. Development of the ability of logical reasoning.
3. Inculcation of ethical and social values for a better society.
4. Upliftment of the physical, mental and spiritual aspects of the students through Yoga.
5. Enhancement of the skills of applied reasoning which is useful for different competitive examinations.
6. Development of analytical and critical ability of the students.
7. Propagation of Indian cultural values.
8. Learn the art of philosophizing.

**DEPARTMENT OF PHILOSOPHY
KURUKSHETRA UNIVERSITY, KURUKSHETRA**

**B.A. I (General) Philosophy: First Semester
CC- Philosophy-1**

B-PHI-101(i): Outlines of Indian Philosophy

Maximum Marks =150

Theory-130

Internal Assessment -20

Time: 3 Hours

Credit-6

Instructions: The paper-setter is requested to set **Nine** questions in all i.e., One Compulsory Objective Type Question (13x2) without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit equitably spread over the concerned unit. The examinees will have to attempt **Five** questions in all, selecting one question from each unit and **One Objective Type Question**. All questions carry equal marks.

Course Outcome: After the completion of the course, the students will be able to:

CO-101.1 Understand the basic epistemological concepts of Charvaka and Jainism. **CO-101.2** Understand the basic concepts of Buddhism and Nyaya theory of Knowledge. **CO-101.3** Answers questions regarding various concepts of Vaishesika, Sankhya and Yoga Philosophy. **CO-101.4** Understand the philosophy of Shankracharya and Ramanujacharya.

Unit 1: Common Characteristics of Indian Philosophy; Charvaka Darshan: Perception as the Source of Knowledge, Denial of Anumana and Sabda Pramana,; Jain Darshan: Syadvada,

Unit 2: Baudh Darshan: Four Noble Truths; Nyaya Darshan: Pratyaksh, Anumana, Upmana, Shabda

Unit 3: Vaisesika Darshan: Seven Categories (Dravya, Guna, Karma, Samanya, Vishesha, Samvaya & Abhava); Sankhya Darshan: Nature of Prakriti and its Modifications; Yoga Darshan: Astanga Yoga of Patanjali

Unit 4 Vedanta Darshan: Sankara's Concept of Nirguna Brahman, Concept of Maya; Ramanuja's Concept of Saguna Brahman, Concept of Jiva, Concept of Bandhan and Moksha .

Suggested Readings:

Baldev Upadhyaya: *Bharatiya Darshan*

C.D. Sharma: *A Critical Survey of Indian Philosophy* (Hindi version also available)

D.M. Dutta & S.C. Chatterjee: *Introduction to Indian Philosophy*. (Hindi version also available)

H.P. Sinha: *Bharatiya Darshan ke Rooprekha*

Jadunath Sinha: *Bharatiya Darshan* (English version also available)

M. Hiriyana: *Outlines of Indian Philosophy* (Hindi version also available)

DEPARTMENT OF PHILOSOPHY
KURUKSHETRA UNIVERSITY, KURUKSHETRA
B.A. I (General) Philosophy: Second Semester
CC- Philosophy-2

B-PHI- 201(i): Outlines of Western Philosophy.

Maximum Marks -150

Theory-130

Internal Assessment -20

Time: 3 Hours

Credit-6

Instructions: : The paper-setter is requested to set **Nine** questions in all i.e., One Compulsory Objective Type Question (13x2) without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit equitably spread over the concerned unit. The examinees will have to attempt **Five** questions in all, selecting one question from each unit and **One Objective Type Question**. All questions carry equal marks.

Course Outcome: After the completion of the course, the students will be able to:

CO-201.1 Understand the epistemology of early Greek philosophy. **CO-201.2** To know basic metaphysical problems of modern western Philosophy. **CO-201.3** To answers questions regarding empirical problems of modern western period. **CO-201.4** To understand the critical philosophy of Kant and Hegel.

Unit 1: Greek Philosophy: Sophists' Epistemological Scepticism; Socratic Method of Knowledge; Plato's Theory of Knowledge; Aristotle's Theory of Causation

Unit 2: Rationalism: Descartes: Nature of Substance; Spinoza: Substance, Attributes and Modes; Nature of Mind-Body Problem; Leibnitz: Doctrine of Monadology.

Unit 3: Empiricism: John Locke: Refutation of Innate Ideas; Theory of Knowledge Berkeley: Subjective Idealism (*Esse est Percipi*); Theory of Knowledge; Hume: Theory of Knowledge.

Unit 4: Kant: Critical Philosophy; Theory of Sense-Perception (Transcendental Aesthetic); Theory of Understanding (Transcendental Analytic); Hegel: Absolute Idealism; Dialectical Method.

Suggested Readings:

B.N. Singh: *Paschatya Darshan ki Ruprekha*

D.J. O'Conner: *A Critical History of Western Philosophy*.

Daya Krishna: *Paschatya Darshan ka Itihas, Bhag I & II*.

Jagdish Sahay Srivastava: *Paschatya Darshan ki Darshnik Parvitiyan*

Haridya Narayana Mishra: *Paschatya Darshan ka Itihas avm Samsyayen*.

W.T. Stace: *A Critical History of Greek Philosophy*.

W.K. Wright: *A History of Modern Philosophy*.

Yacub Mashih: *Paschtya Darshan ka Smikshatmak Itihas*

**B.A. II (General) Philosophy: Third Semester
CC- Philosophy-3**

B-PHI-301(i): Logic (Indian)

Maximum Marks -150

Theory-130
Internal Assessment -20
Time: 3 Hours
Credit-6

Instructions: : The paper-setter is requested to set **Nine** questions in all i.e., One Compulsory Objective Type Question (13x2) without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit equitably spread over the concerned unit. The examinees will have to attempt **Five** questions in all, selecting one question from each unit and **One Objective Type Question**. All questions carry equal marks.

Course Outcome: After the completion of the course, the students will be able to:

CO-301.1 To understand the nature of Indian Logic. **CO-301.2** Understand the Nyaya of Anumana in Indian Logic. **CO-301.3** Answers questions regarding various concepts of Buddhist Logic. **CO-301.4** Understand the epistemological concepts of Jainism.

Unit-1: Nature, Scope and Utility of Logic with special reference to Indian Logic; The Concepts of Vyāptigrahopāya: Sāmānya Lakṣaṇa Pratyāsatti, Tarka, Upādhi-Nirāsa.

Unit-2: Definition and Constituents of Anumāna in Nyāya; Nature of Vyāpti in Nyāya; Types of Anumāna in Nyāya; Hetvābhāsa in Nyaya (fallacies of Anumāna).

Unit-3: Definition and Constituents of Anumāna in Buddhism; Types of Anumāna in Buddhism; Buddhist Doctrine of Apoha.

Unit-4: Jainism: Anekāntavāda; Syādvāda; Nayavāda .

Suggested Books:

B.N. Singh	: <i>Indian Logic</i> .
B.K. Matilal	: <i>The Navya- Nyaya Doctrine of Negation</i> .
D.C. Guha	: <i>Navya - Nyaya's System of Logic</i> .
F.Th. Stcherbatsky	: <i>Buddhist Logic</i> , Vols. I & II.
Nandita Bandyopadhyaya	: <i>The Concept of Logical Fallacies</i> .
S. Barlingay	: <i>A Modern Introduction to Indian Logic</i> .
S.R.Bhatt (Tr)	: <i>Buddhist Epistemology</i> .
Kedar Nath	: <i>Bhartiya Tarkshastra</i>

DEPARTMENT OF PHILOSOPHY
KURUKSHETRA UNIVERSITY, KURUKSHETRA
B.A. II (General) Philosophy: Fourth Semester
CC- Philosophy-4

B-PHI-401(i): Logic (Western)

Maximum Marks =150

Theory-130

Internal Assessment -20

Time: 3 Hours

Credit-6

Instructions: : The paper-setter is requested to set **Nine** questions in all i.e., One Compulsory Objective Type Question (13x2) without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit equitably spread over the concerned unit. The examinees will have to attempt **Five** questions in all, selecting one question from each unit and **One Objective Type Question**. All questions carry equal marks.

Course Outcome: After the completion of the course, the students will be able to:

CO-401.1 Understand the nature of logic and the fundamental laws of thoughts. **CO-401.2** Understand the categorical propositions and categorical syllogism. **CO-401.3** To explain induction and functions of language. **CO-401.4** To comprehend truth-functional logic.

Unit 1: Definition, Nature and Scope of Logic; Fundamental Laws of Thought: Law of Identity, Law of Contradiction, Law of Excluded Middle and Law of Sufficient Reason; Definition and Nature of Definition; Fallacies of Definition.

Unit 2: Nature of Categorical Proposition; Aristotelian Classification of Categorical Proposition; Square of Opposition; Types of Immediate Inference.

Unit 3: Syllogism: Nature of Categorical Syllogism, Rules of Categorical Syllogism; Fallacies of Syllogism.

Unit 4: Truth Function: Negation, Conjunction, Disjunction; Implication; Equivalence, Statement Forms Tautology, Contradiction and Contingent: Testing of Validity and Invalidity of the Argument by the Method of Truth-Table.

Suggested Readings:

B.K. Matilal: *Logic, Language and Reality*.

F. Stcherbatskhy: *Buddhist Logic*, Vols. I & II.

S. Chatterjee: *Nyaya Theory of Knowledge*

I.M. Copi: *Introduction to Logic* (Sixth edition)

Susan Stebbing: *A Modern Introduction to Logic*

Ashok Kumar Verma: *Saral Nigman Tarkshastra*.

S.N. Gupta: *Logic*

B.L. Sharma: *Tarkshastra Praveshika*

SEC-Philosophy-I

DEPARTMENT OF PHILOSOPHY
KURUKSHETRA UNIVERSITY, KURUKSHETRA
B.A. II (General) Philosophy: Fourth Semester

B-PHI- SEC-I(i): Applied Reasoning

Maximum Marks -50

Theory-40

Internal Assessment -10

Time: 2 Hours

Credit-2

Instructions: The paper-setter is requested to set **Eight** questions in all. Each of the eight questions will contain at least four items of practical exercises type questions relating to the topic contained in the unit concerned. The examinees will have to attempt any four questions. All the questions will be of equal marks.

Course Outcome: After the completion of the course, the students will be able to:

CO- SEC(i).1 Understand the practical application of coding and decoding. CO-SEC(i).2 Understand the basics of series completions. CO-SEC(i).3 Answers questions regarding various techniques of analogy test. . CO-SEC(i).4 Comprehend the practical aspect of classification.

Unit 1: Coding- Decoding: Number Coding; Letter Coding

Unit 2: Series Completion: Number Series; Letter Series.

Unit 3: Analogy Test: Kinds of Relationship; Simple Analogy; Choosing the Analogous Pair

Unit 4: Classification: Choosing the Odd Pair; Numeral Pair.

Suggested Readings:

1. Ravi Chopra: *Reasoning N' Reasoning*, Galgotia Publications Pvt. Ltd., 5 Ansari Road, New Delhi-110002.
2. Edgor Thorpe : *A Course in Mental Ability and Quantitative Aptitude*, Tata McGraw Hill Company, 4/12 Asaf Ali Road, New Delhi-110002
3. K.K. Sharma: *Verbal Reasoning for Competitions*, Krishna Prakashan Media (P) Ltd, Meerut (U.P.).
4. R.S. Aggarwal: *A Modern Approach to Verbal & Non-Verbal Reasoning*, S. Chand & Company Ltd., Ram Nagar, New Delhi.
5. Sanjay Sinha: *Test of Reasoning (Verbal & Non-Verbal)*, Jawahar Publishers, New Delhi.

DEPARTMENT OF PHILOSOPHY
KURUKSHETRA UNIVERSITY, KURUKSHETRA
B.A. III (General) Philosophy: Fifth Semester
DSE- Philosophy-1

DSE-PHI-501 (i) Ethics and Social Philosophy (Indian)

Maximum Marks =150
Theory-130
Internal Assessment -20
Time: 3 Hours
Credit-6

Instructions: The paper-setter is requested to set **Nine** questions in all i.e., One Compulsory Objective Type Question (13x2) without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit equitably spread over the concerned unit. Examinees will have to attempt **Five** questions in all, selecting one question from each unit and **One Objective Type Question**. All questions carry equal marks.

Course Outcome: After the completion of the course, the students will be able to:

CO-501.1 Understand the basics of Indian Ethics. **CO-501.2** Understand the theory of Karma in Indian ethics. **CO-501.3** Answer questions regarding Buddhist and Jaina Ethics. **CO-501.4** Apprehend the ethics of Patanjali and Gandhi.

Unit I: Nature and Scope of Indian Ethics; Concept of Dharma; Sadharan Dharma; Varanasharam Dharma.

Unit 2: Theory of Karma in Indian Philosophy; Doctrine of Karma and Rebirth; Concept of Rna; Nishkama Karma of Gita.

Unit3: Brahma-Vihāras; Astāṅgika Mārga (Eight-fold Noble Path); The Ideals of Arhat and Bodhisathava; Triratnas of Jainism.

Unit 4: Yama and Niyama of Pātañjali's Aṣṭāṅga Yoga; Gandhi's Conepts of Truth, Non-violence and Satyagraha

Suggested Readings:

I.C. Sharma: *Ethical Philosophies of India*
S.K. Maitra: *The Ethics of the Hindus*
M. Hiriyana: *The Indian Conception of Values*
B.N. Singh: *Ethics*
S.N. Gupta: *Ethics & Social Philosophy*.
V.P.Verma: *Nitidarshan Ki Bhumika*.
Ram Nath Sharma: *Bhartiya Nitishastra*
H.N.Mishra : *Nitishastra ke Pramukh Sidhanta*

DEPARTMENT OF PHILOSOPHY
KURUKSHETRA UNIVERSITY, KURUKSHETRA
B.A. III (General) Philosophy: Fifth Semester
DSE- Philosophy-1

DSE-PHI- 502(i): Yoga: Bahiranga Yoga

Maximum Marks =150

Theory: 130

Internal Assessment -20

Time: 3 Hours

Credit-6

Instructions: The paper-setter is requested to set **Nine** questions in all i.e., One Compulsory Objective Type Question (13x2) without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit equitably spread over the concerned unit. Examinees will have to attempt **Five** questions in all, selecting one question from each unit and **One Objective Type Question**. All questions carry equal marks

Course Outcome: After the completion of the course, the students will be able to:

CO-502.1 To understand Yoga and its kinds. **CO-502.2** To apprehend the different concepts of Yoga. **CO-502.3** Know the nature of Asana and Pranayama. **CO-502.4** Comprehend the nature of Pratyahara .

Unit-1 Meaning, Definition and Nature of Patanjali Yoga; Kinds of Yoga: Ashtangyoga, Jyanayoga, Karmayoga, Bhaktiyoga, Hathayoga

Unit-2 Chita: Chita Vritiyan and Chita Vriti-nirodha, Yama: Meaning, Definition, Kinds, Method and Benefits. Niyama: Meaning, Definition, Kinds, Method and Benefits.

Unit-3 Asana: Meaning, Definition, Kinds, Method and Benefits; Pranayama: Meaning, Definition, Kinds, Methods and its Benefits.

Unit-4 . Pratyahara: Meaning, Definition, Kinds, Methods and its Benefits; Difference between Asana and Exercise' Pranayama and Deep Breathing; Yogic Food and its Importance.

Suggested Books:

1. *Asana Pranayama*, Dr. Devvarta Acharya
2. *Bahirangayoga*, Swami Yogeshwarananda
3. *Yog Chikitsa*, Kuvalyananda
4. *Asana Pranayama mudra Bandha*, Bihar School of Yoga.
5. *Bachho Ke Liye Yoga Shiksha*, Mudra Bandha, Bihar School of Yoga.
6. *Pran Pranayama Pranvidhya, Mudra Bandha*, Bihar School of Yoga.
7. *Rog Aur Yog*, Mudra Bandha, Bihar School of Yoga.
8. *Pranayama*, Ranjit Sen Gupta

**DEPARTMENT OF PHILOSOPHY
KURUKSHETRA UNIVERSITY, KURUKSHETRA
B.A. III(General) Philosophy: Fifth Semester
GE-I**

GE-1-PHI-504(i): Outlines of Indian Philosophy

Maximum Marks =50

Theory-40

Internal Assessment -10

Time: 2 Hours

Credit-2

Instructions: The paper-setter is requested to set **Nine** questions in all i.e., One Compulsory Objective Type Question (8x1) without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit equitably spread over the concerned unit. Examinees will have to attempt **Five** questions in all, selecting one question from each unit and **One Objective Type Question**. All questions carry equal marks.

Course Outcome: After the completion of the course, the students will be able to:

CO-504.1 Understand the basis metaphysical and epistemological concepts of Charvaka and Jainism. **CO-504.2** Understand the basic concepts of Buddhism and Nyaya theory of Knowledge. **CO-504.3** Answers questions regarding various concepts of Vaishesika and Sankhya -Yoga Philosophy. **CO-504.4** Understand the philosophy of Shankracharya and Ramanujacharya.

- Unit 1:** Common Characteristics of Indian Philosophy; Charvaka Darshan: Perception as the Source of Knowledge, Denial of Anumana and Sabda Pramana,; Jain Darshan: Syadvada,
- Unit 2:** Bodh Darshan: Four Noble Truths; Nyaya Darshan: Pratyaksha ,Anumana, Upmana, Shabda
- Unit 3:** Vaishesika Darshan: Seven Categories (Dravya, Guna, Karma, Samanya, Vishesha, Samvaya & Abhava); Sankhya Darshan: Nature of Prakriti and its Modifications; Yoga Darshan: Astanga Yoga of Patanjali.
- Unit 4** Vedanta Darshan: Sankara's Concept of Nirguna Brahman, Concept of Maya; Ramanuja's Concept of Saguna Brahman, Concept of Jiva, Concept of Bandhan and Moksha.

Suggested Readings:

Baldev Upadhyaya: *Bharatiya Darshan*

C.D. Sharma: *A Critical Survey of Indian Philosophy* (Hindi version also available)

D.M. Dutta & S.C. Chatterjee: *Introduction to Indian Philosophy*. (Hindi version also available)

H.P. Sinha: *Bharatiya Darshan ke Rooprekha*

Jadunath Sinha: *Bharatiya Darshan* (English version also available)

M. Hiriyana: *Outlines of Indian Philosophy* (Hindi version also available)

**DEPARTMENT OF PHILOSOPHY
KURUKSHETRA UNIVERSITY, KURUKSHETRA
B.A. III (General) Philosophy: Sixth Semester
DSE-Philosophy-2**

DSE-PHI-601(i): Ethics and Social Philosophy (Western)

Maximum Marks =150

Theory-130

Internal Assessment -20

Time: 3 Hours

Credit-6

Instructions: The paper-setter is requested to set **Nine** questions in all i.e., One Compulsory Objective Type Question (13x2) without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit equitably spread over the concerned unit. Examinees will have to attempt **Five** questions in all, selecting one question from each unit and **One Objective Type Question**. All questions carry equal marks.

Course Outcome: After the completion of the course, the students will be able to:

Course Outcome: CO-601 Understand the basic concepts of Ethics. CO-601.2 Comprehend different ethical theories. CO-601.3 Acquainted with the different theories of punishment. CO-601.4 Understand the current social problems.

Unit 1: Nature, Definition and Scope of Ethics ; Fundamental Ethical Concepts: Good, Right, Duty ; Relation between Ethics and Political Science; Relation between Ethics and Religion

Unit 2: Meaning and Nature of Moral Judgement, Object of Moral Judgment. Kant: Theory of Categorical Imperative. J. Bentham: Quantitative Hedonism

Unit 3: Meaning and Criteria of Moral Progress. Theories of Punishment: Deterrent Theory, Preventive Theory and Reformatory theory.

Unit 4: Emergent Trends of Applied Social Thought: Corruption, War and Peace, Secularism, Environmental Pollution, Empowerment of Women.

Suggested Readings:

I.C. Sharma: *Ethical Philosophies of India*
S.K. Maitra: *The Ethics of the Hindus*
M. Hiriyana: *The Indian Conception of Values*
B.N. Singh: *Ethics*
S.N. Gupta: *Ethics & Social Philosophy*.
J.S Mackenzi.: *An Outline of Social Philosophy*
S.L.: Pandey *Samaj Darshan ki Ek Pranali*
Hari Singh: *Samaj Darshan ki Rooprekha*.
V.P.Verma: *Nitidarshan Ki Bhumika*.

DEPARTMENT OF PHILOSOPHY
KURUKSHETRA UNIVERSITY, KURUKSHETRA
B.A. III (General) Philosophy: Sixth Semester
DSE-Philosophy-2

DSE-PHI-602(i) Yoga: Antaranga Yoga

Maximum Marks -150

Theory-130

Internal Assessment -20

Time: 3 Hours

Credit-6

Instructions: The paper-setter is requested to set **Nine** questions in all i.e., One Compulsory Objective Type Question (13x2) without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit equitably spread over the concerned unit. Examinees will have to attempt **Five** questions in all, selecting one question from each unit and **One Objective Type Question**. All questions carry equal marks

Course Outcome: After the completion of the course, the students will be able to:

CO-602.1 Understand the concept of Dharna. **CO-602.2** Comprehend the nature of Dhyana. **CO-602.3** To acquainted with the different types of Samadhi. **CO-602.4** To understand the different concepts of Liberation.

Unit-1 Dharna: Meaning, Definition , Kinds and Methods of Dharna; Bahya and Abhayantr Dharna; Nasagra Dharna; Benefits of Dharna.

Unit-2 Dhyana: Meaning, Definition, Kinds and Methods of Dhyana; Concept of Dhyata-Dhyana–Dhyey; Benefits of Dhyana in various fields.

Unit-3 Samadhi: Meaning, Definition, Kinds and Methods of Samadhi. Three Types of Tapas: Adhyatmic, Adhidevic and Adhibhotic.

Unit-4 Different Concepts of Liberation: Apvarga, Mukti, Moksha, Kaivalya & Nirvana.

Suggested Books:

1. *Yog Darshna (Vol. 1-4);* Osho
2. *Yog Pradeep:* Swami Omananda Thirtha
3. *Yog darshana:* Swami Adgadananda
4. *Yogsutra vidyadyobhasya:* Achary Udayavir
5. *Yog Sadhna:* Shri Anandmurti
6. *Yog Darshana:* Hariharananda Arnaya
7. *Sanatna Bhartiya Yogsadhana Evam Uski Vividh Dhyana Vidhiyan:* Acharya Shilak Ram
8. *Yog Visheshank,* Gita Press
9. *Sadhnank,* Gita Press
- 11: *Introduction to Indian Philosophy:* D.M. Dutta & S.C. Chatterjee (Hindi version also available)
12. *Bharatiya Darshan ke Rooprekha:* H.P. Sinha
13. *Bharatiya Darshan:* Jadunath Sinha (English version also available)
- 14: *Outlines of Indian Philosophy:* M. Hiriyana (Hindi version also available)

DEPARTMENT OF PHILOSOPHY
KURUKSHETRA UNIVERSITY, KURUKSHETRA
B.A. III (General) Philosophy: Sixth Semester
GE-2

GE-2-PHI- 604(i): Outlines of Western Philosophy.

Maximum Marks =50
Theory-40
Internal Assessment -10
Time: 2 Hours
Credit-2

Instructions: : The paper-setter is requested to set **Nine** questions in all i.e., One Compulsory objective type question (8x1) without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit equitably spread over the concerned unit. Examinees will have to attempt **Five** questions in all, selecting one question from each unit and **One Objective Type Question**. All questions carry equal marks.

Course Outcome: After the completion of the course, the students will be able to:

CO-604 Understand the epistemology of Early Greek philosophy. CO-604.2 Know basic metaphysical problems of Modern Western Philosophy. CO-604.3 Answers questions regarding empirical problems of Modern Western Period. CO-604.4 To understand the philosophical views of Kant and Hegel .

Unit 1: Greek Philosophy: Sophists' Epistemological Scepticism; Socratic Method of Knowledge; Plato's Theory of Knowledge; Aristotle's Theory of Causation

Unit 2: Rationalism: Descartes: Nature of Substance; Spinoza: Substance, Attributes and Modes; Nature of Mind-Body Problem; Leibnitz: Doctrine of Monadology.

Unit 3: Empiricism: John Locke: Refutation of Innate Ideas; Theory of Knowledge Berkeley: Subjective Idealism (*Esse est Percipi*); Theory of Knowledge; Hume: Theory of Knowledge.

Unit 4: Kant: Critical Philosophy; Theory of Sense-Perception(Transcendental Aesthetic); theory of Understanding (Transcendental Analytic); Hegel: Absolute Idealism; Dialectical Method.

Suggested Readings:

B.N. Singh: *Paschatya Darshan ki Ruprekha*

D.J. O'Conner: *A Critical History of Western Philosophy*.

Daya Krishna: *Paschatya Darshan ka Itihas, Bhag I & II*.

Jagdish Sahay Srivastava: *Paschatya Darshan ki Darshnik Parvitiyan*

Haridya Narayana Mishra: *Paschatya Darshan ka Itihas avm Samsyayen*.

W.T. Stace: *A Critical History of Greek Philosophy*.

W.K. Wright: *A History of Modern Philosophy*.

Yacub Mashih: *Paschatya Darshan ka Smikshatmak Itihas*

Department of Philosophy
Kurukshetra University Kurukshetra
Scheme of Examination and Syllabus for B.A.Honors
Under Choice Based Credit System
Subject: Philosophy
w.e.f. 2020-21 in phased manner

Semes ter	COURSE	Paper	Nomenclature of paper	Cre dits	Teaching Hours(Theory &Tutorial)	Intern al marks	Extern al Marks	Total	Duration of exam
1	Core	Philosophy -101	Indian Philosophy-1	6	5+1	20	130	150	3Hrs.
	Core	Philosophy -102	Greek Philosophy -1	6	5+1	20	130	150	3Hrs.
	Generic Elective	GE-1	English		As per respective Department				
	Ability enhance- ment course	AECC-1	Hindi communication		As per respective Department				
2	Core	Philosophy -201	Indian Philosophy-II	6	5+1	20	130	150	3Hrs.
	Core	Philosophy -202	Greek and Medieval Philosophy -II	6	5+1	20	130	150	3Hrs.
	Generic Elective	GE-2	English		As per respective Department				
	Generic Elective	AECC-2	Hindi Communication		As per respective Department				
	AECC		Environmental Science		As per respective Department				
3	Core	Philosophy -301	Modern Western Philosophy-1	6	5+1	20	130	150	3Hrs.
	Core	302	Logic-1	6	5+1	20	130	150	3Hrs.

	Core	303	Ethics-1	6	5+1	20	130	150	3Hrs.
	GE		English		As per respective Department				
	SEC		Computer Science/MOOC*		As per respective Department				
4	Core	401	Modern Western Philosophy-II	6	5+1	20	130	150	3Hrs.
	Core	402	Logic-II	6	5+1	20	130	150	3Hrs.
	Core	403	Ethics-II	6	5+1	20	130	150	3Hrs.
	GE		English		As per respective Department				
	SEC		Personality Development/Subject		As per respective Department				
	Or								
	SEC								
5	Core	501	Contemporary Philosophy-1	6	5+1	20	130	150	3Hrs.
	Core	502	Philosophy of Religion-1	6	5+1	20	130	150	3Hrs.
	DSE	503	Social Philosophy-1	6	5+1	20	130	150	3Hrs.
				or					
		504	BahirangaYoga	6	5+1	20	130	150	3Hrs.

			Or						
		GE	English	As per respective Department					
6	Core	601	Contemporary Philosophy-II	6	5+1	20	130	150	3Hrs.
	Core	602	Philosophy of Religion-II	6	5+1	20	130	150	3Hrs.
	DSE	603	Social Philosophy-II	6	5+1	20	130	150	3Hrs.
			OR						
		604	Antranga Yoga	6	5+1	20	130	150	3Hrs.
	GE		English	as per respective Department					

General instructions:

1. One credit equivalent to 1 hour of teaching/2 hours of Practical work
2. One credit equivalent to 25 marks

Programme Outcomes (PO) of Bachelor of Arts (Honors) CBCS Programmes/Courses in the Institute of Integrated and Honours Studies, Kurukshetra University, Kurukshetra

PO 1: Demonstrate a detailed knowledge and understanding of selected fields of study in core disciplines in the humanities, social sciences and languages;

PO 2: Apply critical and analytical skills and methods to the identification and resolution of problems within complex changing social contexts;

PO 3: Demonstrate a general understanding of the concepts and principles of selected areas of study outside core disciplines of the humanities, social sciences and languages;

PO 4: Apply an independent approach to knowledge that uses rigorous methods of inquiry and appropriate theories;

PO 5: Articulate the relationship between diverse forms of knowledge and the social, historical and cultural contexts that produced them;

PO 6: Communicate effectively and show ability to read, write, listen to and speak in a chosen language/s with fluency;

PO 7: Act as informed and critically discerning participants within the community of scholars, as citizens and in the work force;

PO 8: Work with independence, self-reflection and creativity to meet goals and challenges in the workplace and personal life

**PSO (Program Specific Outcome)
for
B.A. (Honors) Philosophy**

1. Increase the knowledge of ancient Indian and western wisdom.
2. Enhances logical Reasoning and decision making power/
3. Reinsulated ethical, social and cultured.
4. The study of Philosophy help in betterment of mental and spiritual health and wellbeing.
5. The study of Philosophy of Religion help in understanding the essence of religions, so leads do a more compassionate attitude toward other religions.
6. Enhances critical and analytical ability.
7. Study of Yoga teacher's method for holistic well being.

DEPARTMENT OF PHILOSOPHY
KURUKSHETRA UNIVERSITY, KURUKSHETRA

B.A. (Honours) Philosophy: First Semester

Paper 101: Indian Philosophy-I

Maximum Marks =150

Theory-130

Internal Assessment -20

Time: 3 Hours

Credit-6

Instructions: The paper-setter is requested to set **Nine** questions in all i.e., One Compulsory Objective Type Question (13x2) without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit equitably spread over the concerned unit. Examinees will have to attempt **Five** questions in all, selecting one question from each unit and **One Objective Type Question**. All questions carry equal marks.

Course Outcome: After completion of the course, the student will be able to **101.1 Understand the basic epistemological concepts of Charvaka. 101.2 Comprehend the basic concepts of Jainism. 101.3 Answers questions regarding various concepts of Buddhism. 101.4 Understand the epistemology of Nyaya Darshan.**

Unit-I: Common Characteristics of Indian Philosophy; Cārvāka Philosophy: Empiricist Theory of Knowledge— Perception as the only Source of Knowledge; Denial of Inference and Verbal Testimony; Rejection of Metaphysics.

Unit-II: Jainism: Dravya, Guna, Prayāya; Jīva, Ajīva; Bondage and Liberation.

Unit-III: Buddhism: Four Noble Truths; Theory of Dependent Origination; Anatamvada; Nirvāna.

Unit-IV: Nyāya Philosophy: Theory of Knowledge—Perception, Inference, Upamāna, Sabdā; Doctrine of Causality.

Suggested books:

- | | |
|------------------------------|---|
| Baldev Upadhyaya | : <i>Bhartiya Darshan</i> . |
| C.D.Sharma | : <i>A Critical Survey of Indian Philosophy</i> (Hindi version also available). |
| D.M. Datta & S.C. Chatterjee | : <i>Introduction to Indian Philosophy</i> . (Hindi version also available). |
| H.P. Sinha | : <i>Bhartiya Darshan ke Rooprekha</i> . |
| Jadunath Sinha | : <i>Bhartiya Darshan</i> (English version also available). |
| M. Hiriyanna | : <i>Outlines of Indian Philosophy</i> (Hindi version also available). |

DEPARTMENT OF PHILOSOPHY
KURUKSHETRA UNIVERSITY, KURUKSHETRA

B.A. (Honours) Philosophy: First Semester

Paper 102: Greek Philosophy-I

Maximum Marks =150

Theory-130

Internal Assessment -20

Time : 3 Hours

Credit-6

Instructions: The paper-setter is requested to set **Nine** questions in all i.e., One Compulsory objective type question (13x2) without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit equitably spread over the concerned unit. Examinees will have to attempt **Five** questions in all, selecting one question from each unit and **One Objective Type Question**. All questions carry equal marks.

Course Outcome: After completion of the course, the student will be able to **102.1 Understand the nature and relevance of early Greek philosophy. 102.2 Know basic metaphysical problems of Early Greek Philosophy. 102.3 Answers questions regarding atomism of Greek Philosophy. 102.4 Comprehend the different schools of Early Greek Period.**

Unit-I: Origin and Development of Greek Philosophy; Essential features of Greek Philosophy;
Relevance of Greek Philosophy

Unit-II: Problem of Substance: Thales, Anaximander, Anaximenes; Pythagoras: Number
Theory; Problem of Change and Permanence: Heraclitus & Parmenides

Unit-III: Zeno's Paradoxes; Qualitative Theories: Empedocles & Anaxagoras; Quantitative Theory:
Atomism of Democritus

Unit-IV: Epicureanism; Stoicism; Sophists: Scepticism of Knowledge and Morals

Books Recommended:

B.N. Singh	: <i>Pashchatya Darshan ki Ruprekha.</i>
D.J. O'Conner	: <i>A Critical History of Western Philosophy.</i>
Daya Krishna	: <i>Pashchatya Darshan ka Itihas, Bhag-I &II.</i>
F. Copleston	: <i>A History of Philosophy.</i>
Frank Thilly and Ledger Wood	: <i>A History of Philosophy.</i>
J.Burnet	: <i>Greek Philosophy.</i>
Jagdish Sahay Srivastava	: <i>Paschatya Darshan ki Darshnik Parvitiyan.</i>
Haridya Narayana Mishra	: <i>Paschatya Darshan ka Itihas avm Samsyayen.</i>
W.C.K.Guthrie	: <i>History of Greek Philosophy, Vol. I & II.</i>
W.T.Stace	: <i>A Critical History of Greek Philosophy.</i>
Yacub Mashih	: <i>Paschtya Darshan ka Samikshatmak Itihas.</i>

DEPARTMENT OF PHILOSOPHY
KURUKSHETRA UNIVERSITY, KURUKSHETRA

B.A. (Honours) Philosophy: Second Semester

Paper 201: Indian Philosophy-II

Maximum Marks =150

Theory-130

Internal Assessment -20

Time : 3 Hours

Credit-6

Instructions: The paper-setter is requested to set **Nine** questions in all i.e., One Compulsory objective type question (13x2) without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit equitably spread over the concerned unit. Examinees will have to attempt **Five** questions in all, selecting one question from each unit and **One Objective Type Question**. All questions carry equal marks.

Course Outcome: After completion of the course, the student will be able to **201.1 Understand the metaphysics of Vaisesika Philosophy. 201.2 Comprehend the basic concepts of Sankhya Philosophy. 201.3 Answers questions regarding various concepts of Yoga and Mimansa Philosophy. 201.4 Know the philosophy of Shankracharya and Ramanujacharya.**

Unit- I : Vaiśeṣika Philosophy: Seven Categories— Dravya, Guna, Karma, Samanya, Vishesha, Samvaya and Abhava,

Unit-II: Sāṃkhya Philosophy: Doctrine of Causality; Prakṛti and its Evolution; Nature of Pūruṣa; Arguments for the existence and plurality of Pūruṣa.

Unit-III: Yoga Philosophy: Eight-fold Path of Yoga; Mīmāṃsā Philosophy: Sources of Knowledge (Pratyaksha, Anumana, Upmana, Sabda, Arthapatti and Anuplabdhi.)

Unit-IV: Vedanta Philosophy: Sankara: Concept of Nirguna Brahman; Concept of Maya; Rāmānuja: Concept of Saguna Brahman; Refutation of Sankara's Doctrine of Maya.

Books Recommended:

Baldev Upadhyaya	: <i>Bhartiya Darshan</i> .
C.D.Sharma	: <i>A Critical Survey of Indian Philosophy</i> (Hindi version also available).
D.M. Datta & S.C. Chatterjee	: <i>Introduction to Indian Philosophy</i> . (Hindi version also available).
H.P. Sinha	: <i>Bhartiya Darshan ke Rooprekha</i> .
Jadunath Sinha	: <i>Bhartiya Darshan</i> (English version also available).
M. Hiriyanna	: <i>Outlines of Indian Philosophy</i> (Hindi version also available).
Nand Kishor Devraja	: <i>Bhartiya Darshan</i> .
S.N. Dasgupta	: <i>A History of Indian Philosophy</i> , Vols. I to V (Hindi version also available).
S . Radhakrishnan	: <i>Indian Philosophy</i> , Vols. I to II (Hindi version also available)

DEPARTMENT OF PHILOSOPHY
KURUKSHETRA UNIVERSITY, KURUKSHETRA

B.A. (Honours) Philosophy: Second Semester

Paper 202: Greek and Medieval Philosophy-II

Maximum Marks =150

Theory-130

Internal Assessment -20

Time : 3 Hours

Credit-6

Instructions: The paper-setter is requested to set **Nine** questions in all i.e., One Compulsory objective type question (13x2) without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit equitably spread over the concerned unit. Examinees will have to attempt **Five** questions in all, selecting one question from each unit and **One Objective Type Question**. All questions carry equal marks.

Course Outcome: After completion of the course, the student will be able to **202.1 Comprehend the Socrates and Plato. 202.2 Understand Plato's theory of Knowledge. 202.3 Answers questions regarding various concepts of Aristotle. 202.4 Know the Philosophy of different Medieval Thinkers.**

Unit-I: Sophist-Protagoras, Gorgias; Socrates: The Socratic Method; Unity of Virtues, Knowledge is Virtue.

Unit-II: Plato: Theory of Ideas; Theory of Virtue. Theory of Knowledge; Knowledge & Belief.

Unit-III: Aristotle: Matter and Form, Four Causes; Moral Virtue, Intellectual Virtue; Logic.

Unit-IV: Medieval Philosophy:

St. Augustine: Problem of Evil, Theory of Knowledge;

St. Anselm: Concept of God and Ontological Argument for the Existence of God;

St. Thomas Aquinas: Concept of God and Proofs for the Existence of God.

Books Recommended:

B.N. Singh : *Pashchatya Darshan ki Ruprekha.*

Daya Krishna : *Pashchatya Darshan ka Itihas, Bhag-I &II.*

F. Copleston : *A History of Philosophy.*

Frank Thilly and Ledger Wood : *A History of Philosophy.*

J.Barnes : *Early Greek Philosophy.*

J.Burnet : *Greek Philosophy.*

Jagdish Sahay Srivastava : *Paschatya Darshan ki Darshnik Parvritiyan.*

Haridya Narayana Mishra : *Paschatya Darshan ka Itihas avm Samsyayen.*

W.T.Stace : *A Critical History of Greek Philosophy.*

Yacub Mashih : *Paschtya Darshan ka Samikshatmak Itihas.*

DEPARTMENT OF PHILOSOPHY
KURUKSHETRA UNIVERSITY, KURUKSHETRA

B.A. (Honours). Philosophy (2nd Year)

Third Semester

Paper-301: Modern Western Philosophy-I

Max. Marks: 150

Theory: 130

Internal Assessment:20

Time : 3 Hours

Credit-6

Instructions: The paper-setter is requested to set **Nine** questions in all i.e., One Compulsory objective type question (13x2) without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit equitably spread over the concerned unit. Examinees will have to attempt **Five** questions in all, selecting one question from each unit and **One Objective Type Question**. All questions carry equal marks.

Course Outcome: After completion of the course, the student will be able to **301.1 Comprehend the basics of Modern Western Philosophy. 301.2 Understand the basic concepts of Descartes Philosophy. 301.3 Answer questions regarding various concepts Spinoza's Philosophy. 301.4 Comprehend the philosophy of Leibnitz.**

Unit -I: Definition and Nature of Modern Western Philosophy; Main Characteristics of Modern Western Philosophy; Bacon: Inductive Method, Idols of Bacon.

Unit-II: Descartes: Method of Doubt; Nature of Substance; Mind-Body Relation Problem; *Cogito ergo sum*, Proofs for the Existence of God

Unit-III: Spinoza: Substance, Attributes and Modes; Concept of God (Pantheism); Proofs for the Existence of God; Bondage & Freedom.

Unit-IV : Leibnitz: Nature and Characteristics of Monads; Evolution of Monads; Mind-Body Relation Problem (Pre-Established Harmony); Concept of Substance.

Suggested Readings:

B. Russell	: <i>Problems of Philosophy</i> .
Daya Krishna	: <i>Pashchatya Darsan ka Itihasa</i> .
F. Copleston	: <i>A History of Philosophy</i> . .
John Hospers	: <i>An Introduction to Philosophical Analysis</i> .
Frank Thilly	: <i>A History of Philosophy</i> .
D.J.O'Conner	: <i>A Critical History of Western Philosophy</i> .
B.N. Singh	: <i>Paschatya Darsana</i>
S.N.Gupta	: <i>Paschatya Darsana</i>
Roger Scruton	: <i>A History of Philosophy from Descartes to Wittgenstein</i>

DEPARTMENT OF PHILOSOPHY
KURUKSHETRA UNIVERSITY, KURUKSHETRA

B.A. (Honours). Philosophy (2nd Year)

Third Semester

Paper-302 : Logic-I

Max. Marks: 150

Theory: 130

Internal Assessment: 20

Time : 3 Hours

Credit:-6

Instructions: The paper-setter is requested to set **Nine** questions in all i.e., One Compulsory objective type question (13x2) without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit equitably spread over the concerned unit. Examinees will have to attempt **Five** questions in all, selecting one question from each unit and **One Objective Type Question**. All questions carry equal marks.

Course Outcome: After the completion of the course, the student will be able to **302.1 Understand the basics of Logic . 302.2 Comprehend the basic concepts Propositions. 302.3 Answers questions regarding Syllogism. 302.4 Know the construction of Truth -table.**

Unit-I: Definition, Scope and Importance of Logic; Kinds of Logic: Induction and Deduction;
Definition, Nature of Definition and its Limitations; Importance of Definition.

Unit-II: Proposition: Nature of Categorical Proposition; Aristotle's Classification of Propositions
(A,E,I,O); Square of Opposition.

Unit-III: Nature of Categorical Syllogism; Moods and Figures of Syllogism; Basic Rules of Validity
of Syllogism; Fallacies of Syllogism.

Unit-IV: Construction of Truth -Tables: Negation, Conjunction, Disjunction, Implication and
Equivalence: Statement Form: Tautology, Contradiction and Contingent: Testing Validity
and Invalidity of an Argument by Truth-Table Method.

Suggested Readings:

I.M. Copi : *Introduction to Logic*. (Hindi Version also available)

I.M. Copi : *Symbolic Logic* (6th Edition), Chapters 4 and 5.

Richard Jeffrey : *Formal Logic: Its Scope and Limits* (2nd Edition), Chapters 1 to 5.

A.N. Prior : *Formal Logic*.

Patrick Suppes : *Introduction to Logic*.

A.Singh & C. Goswami : *Fundamentals of Logic*.

B.L. Sharma : *Tarka Shastra Praveshika*.

S.N. Gupta : *Tarka Shastra*

DEPARTMENT OF PHILOSOPHY
KURUKSHETRA UNIVERSITY, KURUKSHETRA

B.A. (Honours). Philosophy (2nd Year)

Third Semester

Paper-303: Ethics-I

Max. Marks: 150

Theory: 130

Internal Assessment: 20

Time : 3 Hours

Credit:-6

Instructions: The paper-setter is requested to set **Nine** questions in all i.e., One Compulsory objective type question (13x2) without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit equitably spread over the concerned unit. Examinees will have to attempt **Five** questions in all, selecting one question from each unit and **One Objective Type Question**. All questions carry equal marks.

Course Outcome: After the completion of the course the student will be able to 303.1 understand basic nature and relations of ethics with other discipline. 303.2 Know the basic concepts of moral consciousness and different kinds of morality. CO-303.3 Answers questions regarding moral progress and theories of punishment. CO-303.4 Know the basic ethical comprehend concepts.

Unit-I : Definition, Nature and Scope of Ethics: Relation of Ethics to Political Science, Sociology and Religion; Moral Judgement; Nature and Characteristics of Moral Judgement , Object of Moral Judgement , Subject of Moral Judgement & its Postulates

Unit -II: General Nature of Moral Development: Evolution of Moral Consciousness: Instinctive Morality, Customary Morality & Reflective Morality.

Unit-III Meaning of Moral Progress; Criteria of Moral Progress, Theories of Punishment: Preventive Theory, Deterrent Theory and Reformatory Theory.

Unit-IV: Concept of Rna; Buddhist Concept of Brahmavihar, Astangmarga; Jaina's Concept of Tri ratna

Suggested Readings:

W.Lillie : *Manual of Ethics*.

J.N.Sinha : *Manual of Ethics* (Hindi Version also Available).

V.P.Verma : *Nitishastra Ke Mool Sidhanta*.

V.P. Verma : *Adhinitishastra Ke Mool Sidhant*.

S.L. Pandey : *Nitisastra ka sarvekshana*.

H.N. Mishra : *Nitisastra* .

S.N.Gupta : *Nitishastra ki ruprekha*.

DEPARTMENT OF PHILOSOPHY
KURUKSHETRA UNIVERSITY, KURUKSHETRA

B.A. (Honours). Philosophy (2nd Year)

Fourth Semester

Max. Marks: 150

Theory: 130

Internal Assessment: 20

Time : 3 Hours

Credit:-6

Paper-401 : Modern Western Philosophy-II

Instructions: The paper-setter is requested to set **Nine** questions in all i.e., One Compulsory objective type question (13x2) without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit equitably spread over the concerned unit. Examinees will have to attempt **Five** questions in all, selecting one question from each unit and **One Objective Type Question**. All questions carry equal marks.

Course Outcome: After completion of the course the student will be able to **404.1 Comprehend the basic epistemological concepts of John Locke. 401.2 Understand the epistemology of Berkeley. 401.3 Answers questions regarding various Hume's theory of knowledge. 401.4 Know the Philosophy of Kant and Hegel.**

Unit-I: John Locke: Theory of knowledge; Refutation of Innate Ideas; Ideas and their classification; Primary and Secondary Qualities.

Unit-II: George Berkeley: Subjective Idealism; Refutation of Matter: Refutation of Abstract Ideas ;
'Esse Est Percipi'

Unit-III: David Hume: Doctrine of Causation; Denial of Soul; Scepticism and Nature of Knowledge.

Unit-IV: Immanuel Kant: Theory of Knowledge; Critical Philosophy; Hegel: Absolute Idealism; Dialectical Method.

Suggested Readings:

Daya Krishna	: <i>Pashchatya Darsan ka Itihasa .</i>
Francis Bacon	: <i>Inductive Method.</i>
F. Copleston	: <i>A History of Philosophy.</i>
Jagdish Sahay Srivastava	: <i>Adhunik Darshana Ka Vaigyanika Itihasa.</i>
John Hospers	: <i>An Introduction to Philosophical Analysis.</i>
Frank Thilly	: <i>A History of Philosophy.</i>
B.N. Singh	: <i>Paschatya Darsana.</i>
S.N.Gupta	: <i>Paschatya Darsana.</i>
Roger Scruton	: <i>A History of Philosophy from Descartes to Wittgenstein.</i>
W.K. Wright	: <i>A History of Modern Philosophy.</i>

DEPARTMENT OF PHILOSOPHY
KURUKSHETRA UNIVERSITY, KURUKSHETRA

B.A. (Honours). Philosophy (2nd Year)

Fourth Semester

Paper-402 : Logic-II

Max. Marks: 150

Theory: 130

Internal Assessment: 20

Time : 3 Hours

Credit: 6

Instructions: The paper-setter is requested to set **Nine** questions in all i.e., One Compulsory objective type question (13x2) without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit equitably spread over the concerned unit. Examinees will have to attempt **Five** questions in all, selecting one question from each unit and **One Objective Type Question**. All questions carry equal marks.

Course Outcome: After completion of the course, the student will be able to **402.1 Know the basics of Induction. 402.2 Understand concept of Hypothesis. 402.3 Answers questions regarding Explanation. 402.4 Comprehend the different Inductive Methods of J.S.Mill.**

Unit I: Induction: Nature of Induction; Kinds of Induction: Simple Enumeration, Scientific

Induction and Analogy

Unit II: Hypothesis: Nature and Conditions of Valid Hypothesis; Types of Hypothesis, Proofs of

Hypothesis; Verification of Hypothesis; Importance of Hypothesis in Science

Unit III: Explanation: Meaning and Nature of Scientific Explanation; Types and Limits of

Explanation; Level of Explanation; Popular and Scientific Explanation

Unit IV: Mill's Method: Method of Agreement, Method of Difference, Method of Agreement and

Difference, Method of Concomitant Variation & Method of Residues

Suggested Readings:

I.M. Copi : *Introduction to Logic.* (Hindi Version also available)

Prior : *Formal Logic.*

Patrick Suppes : *Introduction to Logic.*

A.Singh & C. Goswami : *Fundamentals of Logic.*

B.L. Sharma : *Tarka Shastra Praveshika.*

S.N. Gupta : *Tarka Shastra*

Kedar Nath Tiwari : *Tarka Shastra*

DEPARTMENT OF PHILOSOPHY
KURUKSHETRA UNIVERSITY, KURUKSHETRA

B.A. (Honours). Philosophy (2nd Year)

Fourth Semester

Max. Marks: 150

Theory: 130

Internal Assessment: 20

Time : 3 Hours

Credit: 6

Paper-403 : Ethics-II

Instructions: The paper-setter is requested to set **Nine** questions in all i.e., One Compulsory objective type question (13x2) without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit equitably spread over the concerned unit. Examinees will have to attempt **Five** questions in all, selecting one question from each unit and **One Objective Type Question**. All questions carry equal marks.

Course Outcome: After completion of the course, the student will be able to 403.1 Comprehend the ethical concepts of Plato and Aristotle. 403.2 Understand the ethical concepts of different western philosophers. 403.3 Answers questions regarding ethical theories of European Philosophers. 403.4 Know various Indian ethical concepts.

Unit-I: Plato: Theory of Cardinal Virtue; Plato's Idea of the Highest Good. Aristotle: Conception of Virtues; Doctrine of Golden Means.

Unit-II: Utilitarianism: J. Bentham: Theory of Quantitative Hedonism. J. S. Mill: Theory of Qualitative Hedonism. Kant: Theory of Categorical Imperative & F.H. Bradley: 'My Station & its Duties'

Unit III: Evolutionary Ethics: Herbert Spencer; Perfectionism: T.H. Green; Intuitionism: G. Butler; G.E. Moore .

Unit IV: Indian Ethics: Karma Yoga of Gita; Concept of Loksangraha. Gandhi: Truth, Non-violence & Concept of Satyagraha

Suggested Readings:

W.Lillie	: <i>Manual of Ethics</i> .
J.N.Sinha	: <i>Manual of Ethics</i> (Hindi Version also Available)
V.P.Verma	: <i>Nitishastra Ke Mool Sidhanta</i> .
V.P. Verma	: <i>Adhinitishastra Ke Mool Sidhant</i> .
J.Bentham	: <i>Principles of Morals and Legislation</i> .
J.S.Mill	: <i>Utilitarianism</i> .
F.H.Bradley	: <i>Ethical Studies</i> .
H.N. Mishra	: <i>Nitisastra</i> .

DEPARTMENT OF PHILOSOPHY
KURUKSHETRA UNIVERSITY, KURUKSHETRA
B.A. (Honours). Philosophy (3rd Year)
Fifth Semester

Paper-501: Contemporary Philosophy-I

Max. Marks: 150
Theory: 130
Internal Assessment: 20
Time : 3 Hours
Credit:6

Instructions: The paper-setter is requested to set **Nine** questions in all i.e., One Compulsory objective type question (13x2) without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit equitably spread over the concerned unit. Examinees will have to attempt **Five** questions in all, selecting one question from each unit and **One Objective Type Question**. All questions carry equal marks.

Course Outcome: After completion of the course the student will be able to **501.1** comprehend the metaphysical concepts of Sri Aurobindo. **501.2** Know the basic concepts of J.Krishnamurti. **501.3** Answers questions regarding philosophy of Radhakrishnan. **501.4** Understand the philosophy of Rabindernath Tagore.

Unit-I : Sri Aurobindo: The Nature of Brahman; Evolution of the spiritual reality; The Integral Yoga; The Supermind.

Unit-II: Swami Vivekananda: Nature of Man – Physical Nature and Spiritual Nature; Nature of the Liberated Soul; Nature of Religion; Universal Religion

Unit-III: S.Radhakrishnan: God and the Absolute; Nature of Soul; Religion: Its Nature and Essence; Religious Experience.

Unit IV: Rabindranath Tagore: The Religion of Man; Humanism; Self & God; Problem of evil.

Suggested Readings:

B.K. Lal : *Contemporary Indian Philosophy*.(Hindi version also available)

J. Krishnamurti : *Freedom from the Known*.

J . Krishnamurti : *Tradition and Revolution*.

Radhakrishna : *An Idealist view of Life*.

R.Tagore : *Religion of Man*.

T.M.P. Mahadevan & C.V. Saroja : *Contemporary Indian Philosophy*.

V.S. Naravana : *Modern Indian Thought*.

Mitra, S.K : *The Philosophy of Sri Aurobindo*.

Datta, D.M : *The Chief Currents of Contemporary Philosophy*.

DEPARTMENT OF PHILOSOPHY
KURUKSHETRA UNIVERSITY, KURUKSHETRA

B.A. (Honours). Philosophy (3rd Year)

Fifth Semester

Paper-502: Philosophy of Religion-I

Max. Marks: 150

Theory: 130

Internal Assessment: 20

Time: 3 Hours

Credit:6

Instructions: The paper-setter is requested to set **Nine** questions in all i.e., One Compulsory objective type question (13x2) without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit equitably spread over the concerned unit. Examinees will have to attempt **Five** questions in all, selecting one question from each unit and **One Objective Type Question**. All questions carry equal marks.

Course Outcome: After completion of the course, the student will be able to **502.1 Understand the basics of philosophy of Religion. 502.2 Comprehend the different approaches to the study of Religion. 502.3 Answers questions regarding various Religious Belief and Mysticism. 502.4 Know the different theories of God.**

Unit I: Nature and Scope of Philosophy of Religion: Significance of Philosophy of Religion;

Relation of Philosophy of Religion with Ethics and Science

Unit II: Approaches to the Study of Religion: Pre- Anthropological Theory, Historical Theory,

Sociological Theory & Psychological Theory of Religion

Unit III: Foundations of Religious Belief: Reason, Revelation, Faith & Belief; Mysticism

Unit IV: Concept of God; Different Theories about God: Deism, Theism, Pantheism and Panentheism

Suggested Readings:

John Hick : *Philosophy of Religion*

Masih Yakub : *Dharma Darshan*

Verma V.P. : *Samakalin Dharma ka Vishleshnatmak vivechana*

Sinha, Harendra Prasad : *Dharma Darshan*

A. Thompson : *A Modern Philosophy of Religion*

M. Hiriyama : *Quest for Perfection*

H.P. Sinha : *Dharma Darshan ki Ruprekha*

DEPARTMENT OF PHILOSOPHY
KURUKSHETRA UNIVERSITY, KURUKSHETRA

B.A. (Honours). Philosophy (3rd Year)

Fifth Semester

DSE- Philosophy

Paper- 503: Social Philosophy-I

Max. Marks: 150

Theory: 130

Internal Assessment: 20

Time : 3 Hours

Credit:6

Instructions: The paper-setter is requested to set **Nine** questions in all i.e., One Compulsory objective type question (13x2) without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit equitably spread over the concerned unit. Examinees will have to attempt **Five** questions in all, selecting one question from each unit and **One Objective Type Question**. All questions carry equal marks.

Course Outcome: After completion of the course, the student will be able to **503.1** know the basics of Social Philosophy. **503.2** Understand the basic concepts of Society. **503.3** Answers questions regarding various Social Concepts. **503.4** Comprehend regarding Democracy.

Unit I: The Nature, Scope & Problem of Social Philosophy; Relation with Sociology & Political Science

Unit II: Meaning & Definition of Society; Theories of Society: Individualistic Theory, Idealistic Theory and Organic Theory of Society

Unit III: Justice: Meaning & Definition of Justice, Dimension of Justice, Relation between Rights & Duties, Fundamental Rights of Man.

Unit IV: Democracy: Definition & Characteristics of Democracy; Merits & Demerits of Democracy; Definition & Characteristics of Socialism; Marxism

Suggested Books:

Ajit Kumar Sinha : *Outlines of Social Philosophy*, Sinha Publishing House (P) Ltd., Calcutta, 1965

Barbara Goodwin : *Using Political Ideas*, John Willey Sons, New York, 1991

J.S.Makenzie : *Samaj Darshan Ki Ruprekha*, Rajkamal Parkashan, New Delhi, 1962

Satyapal Gautam : *Samaj Darshan*, Haryana Sahitya Academy, Panchkula, 2004

Shivbhanu Singh : *Samaj Darshan Ka Sarvekshan*, Sharda Pustak Bhandar, Allahabad, 2008

Ramender : *Samaj Avam Rajniti Darshan*, Motilal Banarsidass, Delhi, 2005

S.L Pandey : *Samaj Darshan ki ek Pranali*.

Hari Singh : *Samaj Darshan ki Rooprekha*

DEPARTMENT OF PHILOSOPHY
KURUKSHETRA UNIVERSITY, KURUKSHETRA
B.A. III (General) Philosophy: Fifth Semester
DSE- Philosophy

Paper 504: Yoga: Bahiranga Yoga

Maximum Marks =150
Theory-130
Internal Assessment -20
Time: 3 Hours
Credit:6

Instructions: The paper-setter is requested to set **Nine** questions in all i.e., One Compulsory objective type question (13x2) without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit equitably spread over the concerned unit. Examinees will have to attempt **Five** questions in all, selecting one question from each unit and **One Objective Type Question**. All questions carry equal marks

Course Outcome: After completion of the course, the student will be able to **504.1 Understand Yoga and its kinds. 504.2 Apprehend the different concepts of Yoga. 502.3 Know the nature of Asana and Pranayama. CO-502.4 Comprehend the nature of Pratyahara .**

Unit-1 Meaning, Definition and Nature of Patanjali Yoga; Kinds of Yoga: Ashtangyoga, Jyanayoga, Karmayoga, Bhaktiyoga, Hathayoga

Unit-2 Chita: Chita Vritiyan and Chita Vriti-nirodha, Yama: Meaning, Definition, Kinds, Method and Benefits. Niyama: Meaning, Definition, Kinds, Method and Benefits.

Unit-3 Asana: Meaning, Definition, Kinds, Method and Benefits; Pranayama: Meaning, Definition, Kinds, Methods and its Benefits.

Unit-4 . Pratyahara: Meaning, Definition, Kinds, Methods and its Benefits; Difference between Asana and Exercise, Pranayama and Deep Breathing. Yogic Food and its Importance

Suggested Books:

1. *Asana Pranayama*, Dr. Devvarta Acharya
2. *Bahirangayoga*, Swami Yogeshwarananda
3. *Yog Chikitsa*, Kuvalyananda
4. *Asana Pranayama mudra Bandha*, Bihar School of Yoga.
5. *Bachho Ke Liye Yoga Shiksha*, Mudra Bandha, Bihar School of Yoga.
6. *Pran Pranayama Pranvidhya*, Mudra Bandha, Bihar School of Yoga.
7. *Rog Aur Yog*, Mudra Bandha, Bihar School of Yoga.
8. *Pranayama*, Ranjit Sen Gupta

DEPARTMENT OF PHILOSOPHY
KURUKSHETRA UNIVERSITY, KURUKSHETRA

B.A. (Honours). Philosophy (3rd Year)

Sixth Semester

Max. Marks: 150
Theory: 130
Internal Assessment: 20
Time: 3 Hours
Credit:6

Paper-601: Contemporary Philosophy –II

Instructions: The paper-setter is requested to set **Nine** questions in all i.e., One Compulsory objective type question (13x2) without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit equitably spread over the concerned unit. Examinees will have to attempt **Five** questions in all, selecting one question from each unit and **One Objective Type Question**. All questions carry equal marks.

Course Outcome: After completion of the course, the student will be able to **601.1 Comprehend the Swami Vivekananda's views on Man and Religion. 601.2 Understand the basic concepts of Gandhian Philosophy. 601.3 Answers questions regarding various concepts regarding philosophy of K.C.Bhattacharya. 601.4 Know the philosophy of B.G.Tilak .**

Unit I: Philosophy of Evolution; Lamarck's and Darwin's Theory of Of Evolution, Herbert Spemcer's Theory of Moral Evolution of Society; Cosmology, John Dewy's Instrumentalism and Reflective Thinking

Unit II: Pragmatism of William James; The Pragmatic Criteria of Truth, Radical Empiricism:
Existentialism- Nietzsche's Concept of Superman, J.P.Sartre- Consciousness and Nothingness,
Dialectical Materialism of Karl Marx

Unit III: M.K. Gandhi: God is Truth and Truth is God; Non-Violence; Satyagraha; Sarvodya

Unit IV: K.C.Bhattacharya: Concept of Philosophy; Theoretic Consciousness; Four Grades of
Theoretic Consciousness; Philosophy of Object; Philosophy of the Spirit; Philosophy of Truth

Suggested Readings:

B.G. Tilak	: <i>Karmayoga</i>
B.K. Lal	: <i>Contemporary Indian Philosophy</i> . (Hindi version also available)
K. C. Bhattacharya	: <i>Studies in Philosophy</i>
Swami Vivekananda	: <i>Complete Works</i> . (Hindi version also available)
Sri Aurobindo	: <i>Life Divine</i> . (Hindi version also available)
Sri Aurobindo	: <i>Integral Yoga</i> . (Hindi version also available)
T.M.P. Mahadevan & C.V. Saroja	: <i>Contemporary Indian Philosophy</i>
V.S. Naravana	: <i>Modern Indian Thought</i> (Hindi version also available)

DEPARTMENT OF PHILOSOPHY
KURUKSHETRA UNIVERSITY, KURUKSHETRA
B.A. (Honours). Philosophy (3rd Year)
Sixth Semester

Max. Marks: 150
Theory: 130
Internal Assessment: 20
Time : 3 Hours
Credit: 6

Paper-602: Philosophy of Religion-II

Instructions: The paper-setter is requested to set **Nine** questions in all i.e., One Compulsory objective type question (13x2) without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit equitably spread over the concerned unit. Examinees will have to attempt **Five** questions in all, selecting one question from each unit and **One Objective Type Question**. All questions carry equal marks.

Course Outcome: After completion of the course, the student will be able to **602.1 Understand the concept of Moral Evil. 602.2 Comprehend the basics of the concepts of Soul. 602.3 Answers questions regarding various features of different Religions. 602.4 Know the proofs for the existence of God.**

Unit I: Nature of Moral Evil, Kinds of Evil, Development of Moral Evil, The Problem of Reconciliation of Evil with God's Existence

Unit II: Nature of Immortality of Soul: Proofs for the Immortality of Soul, Proofs against the Immortality of Soul, Kinds of Immortality of Soul; Religious Tolerance

Unit III: Distinguishing features of Hinduism, Christianity, Islam and Sikhism

Unit IV: Concepts of God; Proofs for the Existence of God: Ontological, Cosmological, Teleological & Moral Proofs.

Suggested Books:

A.Thompson	: <i>A Modern Philosophy of Religion.</i>
H.P.Sinha	: <i>Dharma Darshan ki Ruprekha.</i>
J.Hick	: <i>Philosophy of Religion.</i>
Kedar Nath Tiwari	: <i>Comparative Religion.</i>
M.Hiriyanna	: <i>Quest for Perfection.</i>
N.K.Brahma	: <i>Philosophy of Hindu Sadhana.</i>
V.P. Verma	: <i>Dharma Darshan ki Mool Samsayayain.</i>
Vatsyayan	: <i>Philosophy of Religion (World Religions)</i>
W.James	: <i>Varieties of Religious Experience.</i>
Yacub Mashih	: <i>A Comparative Philosophy of Religion</i>

DEPARTMENT OF PHILOSOPHY
KURUKSHETRA UNIVERSITY, KURUKSHETRA

B.A. (Honours). Philosophy (3rd Year)

Sixth Semester
DSE- Philosophy

Paper-603: Social Philosophy-II

Max. Marks: 150

Theory: 130

Internal Assessment: 20

Time : 3 Hours

Credit:6

Instructions: The paper-setter is requested to set **Nine** questions in all i.e., One Compulsory objective type question (13x2) without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit equitably spread over the concerned unit. Examinees will have to attempt **Five** questions in all, selecting one question from each unit and **One Objective Type Question**. All questions carry equal marks.

Course Outcome: After completion of the course, the student will be able understand the concept of Family. **603.2 Understand the various Indian Ethical Concepts. 603.3 Answers questions regarding various contemporary social issues. 603.4 Understand applied social problems.**

Unit I: Family: Family as a Social Institution; Role of Family in the Socialization of an Individual;
Nature & Ethical Significance of Family; Basis & Functions of Family; Significance of Joint
Family System

Unit II: Varnasrama System: Four Varnas, Four Ashrams; Four Purusarthas

Unit III : War : Causes of War; Difference between War & Cold War; Establishment of Peace; Nature
& Criteria of Social Progress; Nature and Characteristic of Secularism

Unit IV: Need of Empowerment of Women, Justification of Empowerment, Measure for
Empowerment; Euthanasia (Mercy Killing)

Suggested Books:

- Ajit Kumar Sinha : *Outlines of Social Philosophy*, Sinha Publishing House (P) Ltd., Calcutta, 1965
A.P.Dubey : *Applied Ethics*, Northern Book Centre, New Delhi, 2004
J.S.Makenzi : *Samaj Darshan Ki Ruprekha*, Rajkamal Parkashan, New Delhi, 1962
Peter Singer : *Applied Ethics*, Oxford University Press, 1986
Ramender : *Samaj Avam Rajniti Darshan*, Motilal Banarsidass, Delhi, 2005
Satyapal Gautam : *Samaj Darshan*, Haryana Sahitya Academy, Panchkula, 2004
Shivbhanu Singh : *Samaj Darshan Ka Sarvekshan*, Sharda Pustak Bhandar, Allahabad, 2008.

DEPARTMENT OF PHILOSOPHY
KURUKSHETRA UNIVERSITY, KURUKSHETRA

B.A. (Honours). Philosophy (3rd Year)

Sixth Semester
DSE- Philosophy

Paper 604: Yoga: Antranga Yoga

Maximum Marks =150

Theory-130

Internal Assessment -20

Time: 3 Hours

Credit:6

Instructions : Instructions: The paper-setter is requested to set **Nine** questions in all i.e., One Compulsory objective type question (13x2) without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit equitably spread over the concerned unit. Examinees will have to attempt **Five** questions in all, selecting one question from each unit and **One Objective Type Question**. All questions carry equal marks.

Course Outcome: After completion of the course, the student will be able to **604.1 Understand the concept of Dharna. 604.2 Comprehend the nature of Dhyana. 604.3 Acquainted with the different types of Samadhi. CO-604.4 Understand the different concepts of Liberation.**

Unit-1 Dharna: Meaning, Definition , Kinds and Methods of Dharna; Bahya and Abhayant
Dharna; Nasagra Dharna, Benefits of Dharna.

Unit-2 Dhyana: Meaning, Definition, Kinds and Methods of Dhyana; Concept of Dhyata-
Dhyana-Dhyeya; Ekagarta and Dhyana; Benefits of Dhyana in various fields.

Unit-3 Samadhi: Meaning, Definition, Kinds and Methods of Samadhi. Three types of Tapas:
Adhyatmic, Adhidevic and Adhibhotic.

Unit-4 Different Concepts of Liberation: Apvarga, Mukti, Moksha, Kaivalya & Nirvana.

Suggested Books:

1. *Yog Darshna (Vol. 1-4);* Osho
2. *Yog Pradeep:* Swami Omananda Thirtha
3. *Yog Darshana:* Swami Adgadananda
4. *Yogsutra Vidyadyobhasya:* Achary Udayavir
5. *Yog Sadhna:* Shri Anandmurti
6. *Yog Darshana:* Hariharananda Arnaya
7. *Sanatna Bhartiya Yogsadhana Evam Uski Vividh Dhyana Vidhiyan:* Acharya Shilak Ram
8. *Yog Visheshank,* Gita Press
9. *Sadhnank,* Gita Press
- 11: *Introduction to Indian Philosophy:* D.M. Dutta & S.C. Chatterjee (Hindi version also available)

Department of Philosophy
Kurukshetra University Kurukshetra
Scheme of Examination and Syllabus of Certificate Course in Bhagavadgita
Under Credit Based System
w.e.f. 2020-21

Sem.	Paper	Nomenclature of paper	Contact hours	Credits (Theory +Practical)	Internal marks	External Marks	Total	Duration of Exam	
I	101	Fundamental Concepts of Bhagavad-Gita-I	4	4	20	80	100	3Hrs	
I	102*	Bhagavad-Gita & Art of Meditation-I	4	4	---	---	100	As per schedule decided by the Department	
II	201	Fundamental Concepts of Bhagavad-Gita-II	4	4	20	80	100	3Hrs	
II	202*	Bhagavad-Gita & Art of Meditation-II	4	4	---	--	100	As per schedule decided by the Department	

**Note- *Paper No. 102 and 202 each contain Practical-50 Marks +Viva-voce
50Marks=100Marks**

**DEPARTMENT OF PHILOSOPHY
KURUKSHETRA UNIVERSITY, KURUKSHETRA**

Paper No.101: Fundamental Concepts of Bhagavad-Gita-I

Maximum Marks =100

Theory-80

Internal Assessment -20

Time: 3 Hours

Credit:-4

Instructions: The paper-setter is requested to set **Nine** questions in all i.e., One Compulsory objective type question (8x2) without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit equitably spread over the concerned unit. Examinees will have to attempt **Five** questions in all, selecting one question from each unit and **One Objective Type Question**. All questions carry equal marks.

Course Outcome: CO-101.1 After studying the First Unit, the student will be able to understand the basic epistemological concepts of Charvaka and Jainism. CO-101.2 The Second Unit will make students to understand the basic concepts of Buddhism and Nyaya theory of Knowledge. CO-101.3 After studying the Third Unit, the students will be able to answer questions regarding various concepts of Vaisheshika and Sankhya -Yoga Philosophy. CO-101.4 The study of the Fourth Unit will help the students to understand the philosophy of Shankracharya and Ramanujacharya.

Unit-I History and Background of Srimad-Bhagavadgita; The Gita and its Commentaries; Different Ways to attain Liberation: *Karmayoga, Jnana Yoga, Bhaktiyoga*.

Unit-II Understanding the Self and the Supreme; Characteristics of Individual Soul (*Jiva*). *Sthitaprajna* as an Ideal Person of the Gita; Concept of *Dharmakshetra Kurukshetra*.

Unit-III Meaning of *Arjun Vishad Yoga*; *Karma* and Kinds of *Karma*; *Karmayoga* and its Importance; Contemporary Relevance of *Karma Yoga*; *Sakama Karma* and *Nishkama Karma Yoga*.

Unit- IV *Karmyogi* as an Ideal Person of Gita; Divine and Demoniac Qualities (*Aasuri-sampad and daivi-sampad*); Concept of *Karma, Akarma and Vikrama*; Concept of *Swadharma*

Suggested Books:-

1. *Srimad-Bhagavadgita*: Original Text.
2. *Srimadbhagavatam* 10 Vols. A.C. Prabhupada, BBT, Bombay, New York.
3. *Bhagavadgita as it is – His Divine Grace*: A.C. Bhaktivedanta Swami Prabhupada, Bhaktivedanta Book, Mumbai, 2009.
4. *Srimadbhagavadgita Sankara Bhasya* (Hindi), Gita Press, Gorakhpur.
5. *Srimadbhagavadgita Rahasya*: B.G. Tilak, Tilak Brothers Publication, Poona.
6. *Essays in the Gita*: Sri Aurobindo, Sri Aurobindo Ashram, Pandichery.
7. *The Gita in the Light of Modern Science*: R.B.Lal, Somaiya Publication, Bombay
8. *Gita Darshan*; OSHO (Vol. 1-8) Osho international foundation, Puna.
9. *Mai Shri Krishan Bol Raha Hu*. Acharya Shilak Ram. Vedic Yogashala,

**DEPARTMENT OF PHILOSOPHY
KURUKSHETRA UNIVERSITY KURUKSHETRA**

Paper – 102: Bhagavad-Gita & Art of Meditation-I

Part - A: Practical - 50 Marks
Part - B: Viva-Voce - 50 Marks
Total - 100 Marks
Credit:-4

Objectives: The Paper No. II is designed to enhance inward development of Human Beings by attaining the mental peace and spiritual enlightenment through the teachings of the Bhagavadgita.

Instructions: There will be no written test in the Paper No.II. This paper is divided in Two Parts i.e. Part-A & Part-B. Part- A: Practical - 50 Marks & Part – B: Viva-Voce- 50 Marks

Unit-I Meaning, Definition of the Concept of Meditation; Meditation and its Necessity in the Age of Globalization; Art of Meditation; Meditation and its kinds.

Unit-II Way to gain Knowledge; Role and Relevance of Sankirtana in Human Life; Ekagrtta and Meditation; Dharna and Meditation.

Unit-III Different Methods of Yoga: (i).Through control on mental modifications; (ii).Through awareness of mental modifications; (iii). Through perfection in actions; (iv). Through equanimity of mind; (v); Through meditating on God and depending on God only;

Unit -IV Concentration Method; Concept of *yoga karmsu kaushalam*; Concept of *samtvam yoga uchayte*; Concept of *trividh tapa*.

Suggested Books:-

- I. *Srimad-Bhagavadgita*: Original Text.
- II. *Srimadbhagavatam* 10 Vols. A.C. Prabhupada, BBT, Bombay, NewYork.
- III. *Bhagavadgita as it is – His Divine Grace*: A.C. Bhaktivedanta Swami Prabhupada, Bhaktivedanta Book, Mumbai, 2009.
- IV. *Srimadbhagavadgita Sankara Bhasya* (Hindi), Gita Press, Gorakhpur.
- V. *Srimadbhagavadgita Rahasya*: B.G. Tilak, Tilak Brothers Publication, Poona.
- VI. *Essays in the Gita: Sri Aurobindo*, Sri Aurobindo Ashram, Pandichery.
- VII. *Kant and Gita: K.M.P. Verma*, Classical Publication, New Delhi.
- VIII. *Bhagavadgita for Executives*: V. Ramanathan, Bhartiya Vidya Bhavan, Bombay.

**DEPARTMENT OF PHILOSOPHY
KURUKSHETRA UNIVERSITY, KURUKSHETRA**

Paper No.201: Fundamental Concepts of Bhagavad-Gita-II

**Maximum Marks :100
Theory:80
Internal Assessment:20
Time: 3 Hours
Credit-4**

Instructions: The paper-setter is requested to set **Nine** questions in all i.e., One Compulsory objective type question (8x2) without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit equitably spread over the concerned unit. Examinees will have to attempt **Five** questions in all, selecting one question from each unit and **One Objective Type Question**. All questions carry equal marks.

Course Outcome: CO-201.1 After studying the First Unit, the student will be able to understand the basic epistemological concepts of Charvaka and Jainism. CO-201.2 The Second Unit will make students to understand the basic concepts of Buddhism and Nyaya theory of Knowledge. CO-201.3 After studying the Third Unit, the students will be able to answer questions regarding various concepts of Vaisheshika and Sankhya -Yoga Philosophy. CO-201.4 The study of the Fourth Unit will help the students to understand the philosophy of Shankracharya and Ramanujacharya.

Unit – I. Nature of Purush(Self); Prakriti and its three modes; Time (Kala) and its Influence; Dhyana Yoga; Science and ne-Science (Vidya and Avidya).

Unit-II Concept of Yajyarth Vichar; Kshetrajaya-Vichar; Nirguna-Saguna Vichar; Concept of Trigunatit; Concept of Sthitaprajya.

Unit-III Bhakti Yoga and its practices; Six qualities of God & realization of the Supreme Person (God); Relevance of Bhakti in modern times; Enlightenment (Liberation) as the Ultimate goal of Man's Life.

Unit-IV Concept of *Om tat sat*; Concept of *Divya Chakshu*; Concept of *mamaivansh*; *Yogabhrasht gati*; Concept of *Swadharma nidhnam shreya*.

Suggested Books:-

1. *Srimad-Bhagavadgita*: Original Text.
2. *Srimadbhagavatam* 10 Vols.: A.C. Prabhupada, BBT, Bombay, New York.
3. *Bhagavadgita as it is – His Divine Grace*: A.C. Bhaktivedanta Swami Prabhupada, Bhaktivedanta Book, Mumbai, 2009.
4. *Srimadbhagavadgita Sankara Bhasya* (Hindi), Gita Press, Gorakhpur.
5. *Srimadbhagavadgita Rahasaya*: B.G. Tilak, Tilak Brothers Publication, Poona.
6. *Essays in the Gita*: Sri Aurobindo, Sri Aurobindo Ashram, Pondichery.
7. *The Gita in the Light of Modern Science*: R.B.Lal, Somaiya Publication, Bombay.
8. *Gita Darshan*; OSHO (Vol. 1-8) Osho international foundation, Puna.
9. *Mai Shri Krishan Bol Raha Hu*. Acharya Shilak Ram. Vedic Yogashala, Kurukshetra

**DEPARTMENT OF PHILOSOPHY
KURUKSHETRA UNIVERSITY KURUKSHETRA
Certificate Course in Bhagavad-Gita**

Paper – 202: Bhagavad-Gita & Art of Meditation-II

Part - A: Practical - 50 Marks
Part - B: Viva-Voce - 50 Marks
Total - 100 Marks
Credit-4

Objectives: The Paper No. II is designed in order to enhance the inwardly development of Human Beings by attaining the mental peace and spiritual enlightenment through Bhagavadgita.

Instructions: There will be no written test in the Paper No. II. This paper is divided in Two Parts i.e. Part-A & Part-B. Part – A: Practical - 50 Marks & Part B: VivaVoce- 50 Marks.

Unit-I Importance of Karma in life. Relevance of Inner Change; Importance of social service; Importance of doing one's actions according to one's capabilities; My station and its duties.

Unit-II Duty for the sake of World solidarity and its importance in Contemporary Times. Trividha Aahar- Vihar; *Yuktahar viharshas*; Concept of Trividha Shrdha; Concept of Trividh -Yajya

Unit-III Benefits of Meditation (Samadhi / Yoga): Benefits of Meditation in Mental Disorder, Memory-Loss, Psycho-Somatic Diseases, Mental-Stress

Unit-IV Anger and other Psychic Problems Suicide, Terrorism, Blind Faith, Rajrishi; Politician and Meditation

Suggested Books:-

- I. *Srimad-Bhagavadgita*: Original Text.
- II. *Srimadbhagavatam* 10 Vols.: A.C. Prabhupada, BBT, Bombay, New York.
- III. *Bhagavadgita as it is – His Divine Grace*: A.C. Bhaktivedanta Swami Prabhupada, Bhaktivedanta Book, Mumbai, 2009.
- IV. *Srimadbhagavadgita Sankara Bhasya* (Hindi), Gita Press, Gorakhpur.
- V. *Srimadbhagavadgita Rahasaya*: B.G. Tilak, Tilak Brothers Publication, Poona.
- VI. *Essays in the Gita*: Sri Aurobindo, Sri Aurobindo Ashram, Pandichery.
- VII. *Kant and Gita*: K.M.P. Verma, Classical Publication, New Delhi.
- VIII. *Bhagavadgita for Executives*: V. Ramanathan, Bhartiya Vidya Bhavan, Bombay.

Dept. of Fine Arts, Kurukshetra University, Kurukshetra
CBCS Scheme of Examination of Bachelor of Fine Arts

Foundation Course – 1 st Semester(w. e. f. 2020-21)												
S r. N o.		Course Code/ Paper No.	Course Title	Contact Hours per Week		Examination Marks				Total Mar ks	Cre dit	Duration of Exam (in Hours)
						Theory		Practical				
				Theory	Practical	Internal Asst.	Examinat ion	Sessional	Examin ation			
1	CC-1, (Theory)	BFA – F – 101	Appreciation & Fundamental of Visual Arts	4	-	20	80	-	-	100	4	3
2	CC-2, (Practical)	BFA – F – 102	Drawing	-	13	-	-	50	-	50	2	-
3	CC-3, (Practical)	BFA – F – 103	Design-2D & 3D	-	13	-	-	50	-	50	2	-
4	CC-4, (Practical)	BFA – F – 104	Pictorial Design/ Painting	-	14	-	-	50	-	50	2	-
5	CC-5, (Practical)	BFA – F – 105	Printmaking	-	27	-	-	50	-	50	2	-
6	CC-6, (Practical)	BFA – F – 106	Clay Modeling	-	14	-	-	50	-	50	2	-
7	CC-7, (Practical)	BFA – F – 107	Geometry, Perspective & Calligraphy	-	27			50		50	2	
8	AECC-1, (Theory)	BFA – F – 108	Hindi	2	-	10	40			50	2	3
9	AECC-2, (Theory)	BFA – F – 109	Communicative English	2	-	10	40	-	-	50	2	3
Total				8	108					500	20	
10	AECC- (Theory) Compulsory Paper- EVS					50				50		

Foundation Course – 2 nd Semester(w. e. f. 2020-21)												
S r. N o.		Course Code/ Paper No.	Course Title	Contact Hours per Week		Examination Marks				Total Mar ks	Cre dit	Duration of Exam (in Hours)
						Theory		Practical				
				Theory	Practical	Internal Asst.	Examinat ion	Sessional	Examin ation			
1	CC-1, (Theory)	BFA – F – 201	Appreciation & Fundamental of Visual Arts	4	-	20	80	-	-	100	4	3
2	CC-2, (Practical)	BFA – F – 202	Drawing	-	13	-	-	50	50	100	4	6
3	CC-3, (Practical)	BFA – F – 203	Design-2D & 3D	-	13	-	-	50	50	100	4	6
4	CC-4, (Practical)	BFA – F – 204	Pictorial Design/ Painting	-	14	-	-	50	50	100	4	6
5	CC-5, (Practical)	BFA – F – 205	Printmaking	-	27	-	-	50	50	100	4	6
6	CC-6, (Practical)	BFA – F – 206	Clay Modeling	-	14	-	-	50	50	100	4	6
7	CC-7, (Practical)	BFA – F – 207	Geometry, Perspective & Calligraphy	-	27			50	50	100	4	6
8	AECC-1 (Theory)	BFA – F – 208	Hindi	2	-	10	40			50	2	3
9	AECC-2, (Theory)	BFA – F – 209	Communicative English	2	-	10	40	-	-	50	2	3
Total				8	108					800	28	

Group of Specialization- Group A, Painting, 3rdSemester(w. e. f. 2021-22)

S r. N o.		Course Code/ Paper No.	Course Title	Contact Hours per Week		Examination Marks				Total Mar ks	Credi t	Duration of Exam (in Hours)
						Theory		Practical				
				Theory	Practical	Internal Asst.	Examinat ion	Sessional	Examin ation			
1	CC-1, (Theory)	BFA – ABC – 301	History of Ancient Indian Art	4	-	20	80	-	-	100	4	3
2	CC-2, (Theory)	BFA – AB – 302	Method & Material	4	-	20	80	-	-	100	4	3
3	CC-3, (Practical)	BFA – A – 303	Drawing	-	27	-	-	100	-	100	4	-
4	CC-4, (Practical)	BFA – A – 304	Head Study	-	27	-	-	100	-	100	4	-
5	CC-5, (Practical)	BFA – A – 305	Pictorial Composition	-	27	-	-	100	-	100	4	-
6	CC-6, (Practical)	BFA – A – 306	Printmaking	-	27	-	-	100	-	100	4	-
7	AECC-1, (Theory)	BFA – ABC – 307	Communicative English	4	-	20	80	-	-	100	4	3
Total				12	108					700	28	

Group of Specialization- Group A, Painting, 4th Semester(w. e. f. 2021-22)

S r. N o.		Course Code/ Paper No.	Course Title	Contact Hours per Week		Examination Marks				Total Mar ks	Credi t	Duration of Exam (in Hours)
						Theory		Practical				
				Theory	Practical	Internal Asst.	Examinat ion	Sessional	Examin ation			
1	CC-1, (Theory)	BFA – ABC – 401	History of Early Western Art	4	-	20	80	-	-	100	4	3
2	CC-2, (Theory)	BFA – AB – 402	Method & Material	4	-	20	80	-	-	100	4	3
3	CC-3, (Practical)	BFA – A – 403	Drawing	-	27	-	-	100	100	200	8	6
4	CC-4, (Practical)	BFA – A – 404	Head Study	-	27	-	-	100	100	200	8	6
5	CC-5, (Practical)	BFA – A – 405	Pictorial Composition	-	27	-	-	100	100	200	8	18
6	CC-6, (Practical)	BFA – A – 406	Printmaking	-	27	-	-	100	100	200	8	18
7	AECC-1, (Theory)	BFA – ABC –407	Communicative English	4	-	20	80	---	--	100	4	3
Total				12	108					1100	44	

Group of Specialization- Group A, Painting, 5th Semester(w. e. f. 2022-23)

S r. N o.		Course Code/ Paper No.	Course Title	Contact Hours per Week		Examination Marks				Total Mar ks	Credi t	Duration of Exam (in Hours)
						Theory		Practical				
				Theory	Practical	Internal Asst.	Examinat ion	Sessional	Examin ation			
1	CC-1, (Theory)	BFA – ABC – 501	History of Medieval Indian Art	4	-	20	80	-	-	100	4	3
2	CC-2, (Theory)	BFA – ABC – 502	History of Medieval Western Art	4	-	20	80	-	-	100	4	3
3	CC-3, (Theory)	BFA – AC – 503	Aesthetics (Indian)	4	-	20	80		-	100	4	3
4	CC-4, (Practical)	BFA – A – 504	Head Study& Drawing from Life	-	27	-	-	100	-	100	4	-
5	CC-5, (Practical)	BFA – A – 505	Composition	-	27	-	-	100	-	100	4	-
6	CC-6, (Practical)	BFA – A – 506	Printmaking	-	27	-	-	100	-	100	4	-
7	CC-7, (Practical)	BFA – A – 507	Nature Study	-	27	-	-	100	-	100	4	-
8	DSE-1 (Practical)	BFA-OE - 508	Open Elective	-	2	-	-	50	-	50	2	---
Total				12	110					750	30	

Group of Specialization- Group A, Painting, 6th Semester(w. e. f. 2022-23)

S r. N o.		Course Code/ Paper No.	Course Title	Contact Hours per Week		Examination Marks				Total Mar ks	Credi t	Duration of Exam (in Hours)
						Theory		Practical				
				Theory	Practical	Internal Asst.	Examinat ion	Sessional	Examin ation			
1	CC-1, (Theory)	BFA – ABC – 601	History of Medieval Indian Art	4	-	20	80	-	-	100	4	3
2	CC-2, (Theory)	BFA – ABC – 602	History of Medieval Western Art	4	-	20	80	-	-	100	4	3
3	CC-3, (Theory)	BFA – AC – 603	Aesthetics (Indian)	4	-	20	80		-	100	4	3
4	CC-4, (Practical)	BFA – A – 604	Head Study& Drawing from Life	-	27	-	-	100	100	200	8	18
5	CC-5, (Practical)	BFA – A – 605	Composition	-	27	-	-	100	100	200	8	18
6	CC-6, (Practical)	BFA – A – 606	Printmaking	-	27	-	-	100	100	200	8	18
7	CC-7, (Practical)	BFA – A – 607	Nature Study	-	27	-	-	100	100	200	8	6
Total				12	108					1100	44	

Group of Specialization- Group A, Painting, 7th Semester(w. e. f. 2023-24)

S r. N o.		Course Code/ Paper No.	Course Title	Contact Hours per Week		Examination Marks				Total Mar ks	Credi t	Duration of Exam (in Hours)
						Theory		Practical				
				Theory	Practical	Internal Asst.	Examinat ion	Sessional	Examin ation			
1	CC-1, (Theory)	BFA – ABC – 701	History of Modern Indian Art	4	-	20	80	-	-	100	4	3
2	CC-2, (Theory)	BFA – ABC – 702	History of Modern Western Art	4	-	20	80	-	-	100	4	3
3	CC-3, (Theory)	BFA – AC – 703	Aesthetics (Western)	4	-	20	80		-	100	4	3
4	CC-4, (Practical)	BFA – A – 704	Portrait & Life Study	-	27	-	-	100	-	100	4	-
5	CC-5, (Practical)	BFA – A – 705	Advance Composition	-	27	-	-	100	-	100	4	-
6	CC-6, (Practical)	BFA – A – 706	Printmaking	-	27	-	-	100	-	100	4	-
7	CC-7, (Practical)	BFA – A – 707	Mural	-	27	-	-	100	-	100	4	-
8	SEC-1 (Practical)	BFA – A – 708	Art Internship	-	One Month	-	-	100	-	100	4	-
9	DSE-1 (Practical)	BFA – OE – 709	Open Elective		2			50		50	2	
Total				12	110					850	34	

Group of Specialization- Group A, Painting, 8th Semester(w. e. f. 2023-24)

S r. N o.		Course Code/ Paper No.	Course Title	Contact Hours per Week		Examination Marks				Total Mar ks	Credi t	Duration of Exam (in Hours)
						Theory		Practical				
				Theory	Practical	Internal Asst.	Examinat ion	Sessional	Examin ation			
1	CC-1, (Theory)	BFA – ABC – 801	History of Modern Indian Art	4	-	20	80	-	-	100	4	3
2	CC-2, (Theory)	BFA – ABC – 802	History of Modern Western Art	4	-	20	80	-	-	100	4	3
3	CC-3, (Theory)	BFA – AC – 803	Aesthetics (Western)	4	-	20	80		-	100	4	3
4	CC-4, (Practical)	BFA – A – 804	Portrait & Life Study	-	27	-	-	100	100	200	4	18
5	CC-5, (Practical)	BFA – A – 805	Advance Composition	-	27	-	-	100	100	200	4	18
6	CC-6, (Practical)	BFA – A – 806	Printmaking	-	27	-	-	100	100	200	4	18
7	CC-7, (Practical)	BFA – A – 807	Mural	-	27	-	-	100	100	200	4	18
Total				12	108					1100	28	

CC- Core Corse, AECC- Ability Enhancement Compulsory Corse, SEC – Skill Enhancement Course, DSE – Discipline Specific Elective

Group of Specialization- Group B, Applied Arts, 3rd Semester (w. e. f. 2021-22)

Group of Specialization- Group B, Applied Arts, 3 rd Semester (w. e. f. 2021-22)												
Sr . N o.		Course Code/ Paper No.	Course Title	Contact Hours per Week		Examination Marks				Total Marks	Credit	Duration of Exam (in Hours)
						Theory		Practical				
				Theory	Practical	Internal Asst.	Examinat ion	Sessional	Examina tion			
1	CC-1, (Theory)	BFA – ABC – 301	History of Ancient Indian Art	4	-	20	80	-	-	100	4	3
2	CC-2, (Theory)	BFA – AB – 302	Method & Material	4	-	20	80	-	-	100	4	3
3	CC-3, (Practical)	BFA – B – 303	Drawing	-	27	-	-	100	-	100	4	-
4	CC-4, (Practical)	BFA – B – 304	Press Layout	-	27	-	-	100	-	100	4	-
5	CC-5, (Practical)	BFA – B – 305	Poster Design	-	27	-	-	100	-	100	4	-
6	CC-6, (Practical)	BFA – B – 306	Graphic Design	-	27	-	-	100	-	100	4	-
7	AECC-1, (Theory)	BFA – ABC –307	Communicative English	4	-	20	80	---	--	100	4	3
Total				12	108					700	28	

Group of Specialization- Group B, Applied Arts, 4th Semester (w. e. f. 2021-22)

Sr · N o.		Course Code/ Paper No.	Course Title	Contact Hours per Week		Examination Marks				Total Marks	Credit	Duration of Exam (in Hours)
						Theory		Practical				
				Theory	Practical	Internal Asst.	Examinat ion	Sessional	Examina tion			
1	CC-1, (Theory)	BFA – ABC – 401	History of Early Western Art	4	-	20	80	-	-	100	4	3
2	CC-2, (Theory)	BFA – AB – 402	Method & Material	4	-	20	80	-	-	100	4	3
3	CC-3, (Practical)	BFA – B– 403	Drawing	-	27	-	-	100	100	200	8	6
4	CC-4, (Practical)	BFA – B– 404	Press Layout	-	27	-	-	100	100	200	8	12
5	CC-5, (Practical)	BFA – B– 405	Poster Design	-	27	-	-	100	100	200	8	12
6	CC-6, (Practical)	BFA – B– 406	Graphic Design	-	27	-	-	100	100	200	8	6
7	AECC-1, (Theory)	BFA – ABC – 407	Communicative English	4	-	20	80	-	--	100	4	3
Total				12	108					1100	44	

Group of Specialization- Group B, Applied Arts 5th Semester (w. e. f. 2022-23)

Sr · N o.		Course Code/ Paper No.	Course Title	Contact Hours per Week		Examination Marks				Total Marks	Credit	Duration of Exam (in Hours)
						Theory		Practical				
				Theory	Practical	Internal Asst.	Examinat ion	Sessional	Examina tion			
1	CC-1, (Theory)	BFA – ABC – 501	History of Medieval Indian Art	4	-	20	80	-	-	100	4	3
2	CC-2, (Theory)	BFA – ABC – 502	History of Medieval Western Art	4	-	20	80	-	-	100	4	3
3	CC-3, (Theory)	BFA – B – 503	Fundamental of Advertising	4	-	20	80		-	100	4	3
4	CC-4, (Practical)	BFA – B – 504	Magazine Layout & Typography	-	27	-	-	100	-	100	4	-
5	CC-5, (Practical)	BFA – B – 505	Poster Design	-	27	-	-	100	-	100	4	-
6	CC-6, (Practical)	BFA – B – 506	Photography	-	27	-	-	100	-	100	4	-
7	CC-7, (Practical)	BFA – B – 507	Computer Graphics	-	27	-	-	100	-	100	4	-
8	DSE-1 (Practical)	BFA-OE - 508	Open Elective	-	2	-	-	50	-	50	2	---
Total				12	110					750	30	

Group of Specialization- Group B, Applied Arts, 6th Semester (w. e. f. 2022-23)

Group of Specialization- Group B, Applied Arts, 6 th Semester (w. e. f. 2022-23)												
Sr · No.		Course Code/ Paper No.	Course Title	Contact Hours per Week		Examination Marks				Total Marks	Credit	Duration of Exam (in Hours)
						Theory		Practical				
				Theory	Practical	Internal Asst.	Examination	Sessional	Examination			
1	CC-1, (Theory)	BFA – ABC – 601	History of Medieval Indian Art	4	-	20	80	-	-	100	4	3
2	CC-2, (Theory)	BFA – ABC – 602	History of Medieval Western Art	4	-	20	80	-	-	100	4	3
3	CC-3, (Theory)	BFA – B – 603	Fundamental of Advertising	4	-	20	80		-	100	4	3
4	CC-4, (Practical)	BFA – B – 604	Magazine Layout & Typography	-	27	-	-	100	100	200	8	12
5	CC-5, (Practical)	BFA – B – 605	Poster Design	-	27	-	-	100	100	200	8	12
6	CC-6, (Practical)	BFA – B – 606	Photography	-	27	-	-	100	100	200	8	12
7	CC-7, (Practical)	BFA – B – 607	Computer Graphics	-	27	-	-	100	100	200	8	12
Total				12	108					1100	44	

Group of Specialization- Group B, Applied Arts, 7th Semester (w. e. f. 2023-24)

Group of Specialization- Group B, Applied Arts, 7 th Semester (w. e. f. 2023-24)												
Sr . N o.		Course Code/ Paper No.	Course Title	Contact Hours per Week		Examination Marks				Total Marks	Credit	Duration of Exam (in Hours)
						Theory		Practical				
				Theory	Practical	Internal Asst.	Examinat ion	Sessional	Examina tion			
1	CC-1, (Theory)	BFA – ABC – 701	History of Modern Indian Art	4	-	20	80	-	-	100	4	3
2	CC-2, (Theory)	BFA – ABC – 702	History of Modern Western Art	4	-	20	80	-	-	100	4	3
3	CC-3, (Theory)	BFA – B – 703	Advertising Profession & Practice	4	-	20	80		-	100	4	3
4	CC-4, (Practical)	BFA – B– 704	Product Campaign Design	-	27	-	-	100	-	100	4	-
5	CC-5, (Practical)	BFA – B– 705	Social Campaign Design	-	27	-	-	100	-	100	4	-
6	CC-6, (Practical)	BFA – B– 706	Advance Photography	-	27	-	-	100	-	100	4	-
7	CC-7, (Practical)	BFA – B– 707	Computer Graphics	-	27	-	-	100	-	100	4	-
8	SEC-1 (Practical)	BFA – B– 708	Art Internship	-	One Month	-	-	100	-	100	4	-
9	DSE-1 (Practical)	BFA – OE – 709	Open Elective		2			50		50	2	
Total				12	110					850	34	

Group of Specialization- Group B, Applied Arts, 8th Semester (w. e. f. 2023-24)

Sr · N o.		Course Code/ Paper No.	Course Title	Contact Hours per Week		Examination Marks				Total Marks	Credit	Duration of Exam (in Hours)
						Theory		Practical				
				Theory	Practical	Internal Asst.	Examinat ion	Sessional	Examina tion			
1	CC-1, (Theory)	BFA – ABC – 801	History of Modern Indian Art	4	-	20	80	-	-	100	4	3
2	CC-2, (Theory)	BFA – ABC – 802	History of Modern Western Art	4	-	20	80	-	-	100	4	3
3	CC-3, (Theory)	BFA – B – 803	Advertising Profession & Practice	4	-	20	80		-	100	4	3
4	CC-4, (Practical)	BFA – B – 804	Product Campaign Design	-	27	-	-	100	100	200	8	18
5	CC-5, (Practical)	BFA – B – 805	Social Campaign Design	-	27	-	-	100	100	200	8	18
6	CC-6, (Practical)	BFA – B – 806	Advance Photography	-	27	-	-	100	100	200	8	12
7	CC-7, (Practical)	BFA – B – 807	Computer Graphics	-	27	-	-	100	100	200	8	12
Total				12	108					1100	44	

CC- Core Course, AECC- Ability Enhancement Compulsory Course, SEC – Skill Enhancement Course, DSE – Discipline Specific Elective

Group of Specialization- Group C, Sculpture, 3rd Semester (w. e. f. 2021-22)

Group of Specialization- Group C, Sculpture, 3 rd Semester (w. e. f. 2021-22)												
Sr . N o.		Course Code/ Paper No.	Course Title	Contact Hours per Week		Examination Marks				Total Marks	Credit	Duration of Exam (in Hours)
						Theory		Practical				
				Theory	Practical	Internal Asst.	Examinat ion	Sessional	Examina tion			
1	CC-1, (Theory)	BFA – ABC – 301	History of Ancient Indian Art	4	-	20	80	-	-	100	4	3
2	CC-2, (Theory)	BFA – C – 302	Method & Material	4	-	20	80	-	-	100	4	3
3	CC-3, (Practical)	BFA – C – 303	Drawing	-	27	-	-	100	-	100	4	-
4	CC-4, (Practical)	BFA – C – 304	Composition	-	27	-	-	100	-	100	4	-
5	CC-5, (Practical)	BFA – C – 305	Portrait	-	27	-	-	100	-	100	4	-
6	CC-6, (Practical)	BFA – C – 306	Mural	-	27	-	-	100	-	100	4	-
7	AECC-1, (Theory)	BFA – ABC –307	Communicative English	4	-	20	80	---	--	100	4	3
Total				12	108					700	28	

Group of Specialization- Group C, Sculpture, 4th Semester (w. e. f. 2021-22)

Group of Specialization- Group C, Sculpture, 4 th Semester (w. e. f. 2021-22)												
Sr . N o.		Course Code/ Paper No.	Course Title	Contact Hours per Week		Examination Marks				Total Marks	Credit	Duration of Exam (in Hours)
						Theory		Practical				
				Theory	Practical	Internal Asst.	Examinat ion	Sessional	Examina tion			
1	CC-1, (Theory)	BFA – ABC – 401	History of Early Western Art	4	-	20	80	-	-	100	4	3
2	CC-2, (Theory)	BFA – C – 402	Method & Material	4	-	20	80	-	-	100	4	3
3	CC-3, (Practical)	BFA – C – 403	Drawing	-	27	-	-	100	100	200	8	6
4	CC-4, (Practical)	BFA – C – 404	Composition	-	27	-	-	100	100	200	8	18
5	CC-5, (Practical)	BFA – C – 405	Portrait	-	27	-	-	100	100	200	8	18
6	CC-6, (Practical)	BFA – C – 406	Mural	-	27	-	-	100	100	200	8	18
7	AECC-1, (Theory)	BFA – ABC –407	Communicative English	4	-	20	80	-	--	100	4	3
Total				12	108					1100	44	

Group of Specialization- Group C, Sculpture, 5th Semester (w. e. f. 2022-23)

Group of Specialization- Group C, Sculpture, 5 th Semester (w. e. f. 2022-23)												
Sr . N o.		Course Code/ Paper No.	Course Title	Contact Hours per Week		Examination Marks				Total Marks	Credit	Duration of Exam (in Hours)
						Theory		Practical				
				Theory	Practical	Internal Asst.	Examinat ion	Sessional	Examina tion			
1	CC-1, (Theory)	BFA – ABC – 501	History of Medieval Indian Art	4	-	20	80	-	-	100	4	3
2	CC-2, (Theory)	BFA – ABC – 502	History of Medieval Western Art	4	-	20	80	-	-	100	4	3
3	CC-3, (Theory)	BFA – AC – 503	Aesthetic (Indian)	4	-	20	80		-	100	4	3
4	CC-4, (Practical)	BFA – C– 504	Drawing	-	27	-	-	100	-	100	4	-
5	CC-5, (Practical)	BFA – C– 505	Composition	-	27	-	-	100	-	100	4	-
6	CC-6, (Practical)	BFA – C– 506	Life Study (Portrait/ Torso)	-	27	-	-	100	-	100	4	-
7	CC-7, (Practical)	BFA – C– 507	Advance Composition	-	27	-	-	100	-	100	4	-
8	DSE-1 (Practical)	BFA-OE - 508	Open Elective	-	2	-	-	50	-	50	2	---
Total				12	110					750	30	

Group of Specialization- Group C, Sculpture, 6th Semester (w. e. f. 2022-23)

Group of Specialization- Group C, Sculpture, 6 th Semester (w. e. f. 2022-23)												
Sr . N o.		Course Code/ Paper No.	Course Title	Contact Hours per Week		Examination Marks				Total Marks	Credit	Duration of Exam (in Hours)
						Theory		Practical				
				Theory	Practical	Internal Asst.	Examinat ion	Sessional	Examina tion			
1	CC-1, (Theory)	BFA – ABC – 601	History of Medieval Indian Art	4	-	20	80	-	-	100	4	3
2	CC-2, (Theory)	BFA – ABC – 602	History of Medieval Western Art	4	-	20	80	-	-	100	4	3
3	CC-3, (Theory)	BFA – AC – 603	Aesthetic (Indian)	4	-	20	80		-	100	4	3
4	CC-4, (Practical)	BFA – C– 604	Drawing	-	27	-	-	100	100	200	8	6
5	CC-5, (Practical)	BFA – C– 605	Composition	-	27	-	-	100	100	200	8	18
6	CC-6, (Practical)	BFA – C– 606	Life Study (Portrait/ Torso)	-	27	-	-	100	100	200	8	24
7	CC-7, (Practical)	BFA – C– 607	Advance Composition	-	27	-	-	100	100	200	8	18
Total				12	108					1100	44	

Group of Specialization- Group C, Sculpture, 7th Semester (w. e. f. 2023-24)

Group of Specialization- Group C, Sculpture, 7 th Semester (w. e. f. 2023-24)												
Sr . N o.		Course Code/ Paper No.	Course Title	Contact Hours per Week		Examination Marks				Total Marks	Credit	Duration of Exam (in Hours)
						Theory		Practical				
				Theory	Practical	Internal Asst.	Examinat ion	Sessional	Examina tion			
1	CC-1, (Theory)	BFA – ABC – 701	History of Modern Indian Art	4	-	20	80	-	-	100	4	3
2	CC-2, (Theory)	BFA – ABC – 702	History of Modern Western Art	4	-	20	80	-	-	100	4	3
3	CC-3, (Theory)	BFA – AC– 703	Aesthetic (Western)	4	-	20	80		-	100	4	3
4	CC-4, (Practical)	BFA – C– 704	Drawing	-	27	-	-	100	-	100	4	-
5	CC-5, (Practical)	BFA – C– 705	Composition	-	27	-	-	100	-	100	4	-
6	CC-6, (Practical)	BFA – C– 706	Life Study (Full Figure)	-	27	-	-	100	-	100	4	-
7	CC-7, (Practical)	BFA – C– 707	Advance Composition	-	27	-	-	100	-	100	4	-
8	SEC-1 (Practical)	BFA – C– 708	Art Internship	-	One Month	-	-	100	-	100	4	-
9	DSE-1 (Practical)	BFA – OE – 709	Open Elective	-	2	-	-	50		50	2	
Total				12	110					850	34	

Group of Specialization- Group C, Sculpture, 8th Semester (w. e. f. 2023-24)

Group of Specialization- Group C, Sculpture, 8 th Semester (w. e. f. 2023-24)												
Sr . N o.		Course Code/ Paper No.	Course Title	Contact Hours per Week		Examination Marks				Total Marks	Credit	Duration of Exam (in Hours)
						Theory		Practical				
				Theory	Practical	Internal Asst.	Examinat ion	Sessional	Examina tion			
1	CC-1, (Theory)	BFA – ABC – 801	History of Modern Indian Art	4	-	20	80	-	-	100	4	3
2	CC-2, (Theory)	BFA – ABC – 802	History of Modern Western Art	4	-	20	80	-	-	100	4	3
3	CC-3, (Theory)	BFA – AC– 803	Aesthetic (Western)	4	-	20	80		-	100	4	3
4	CC-4, (Practical)	BFA – C– 804	Drawing	-	27	-	-	100	100	200	8	6
5	CC-5, (Practical)	BFA – C– 805	Composition	-	27	-	-	100	100	200	8	18
6	CC-6, (Practical)	BFA – C– 806	Life Study (Full Figure)	-	27	-	-	100	100	200	8	24
7	CC-7, (Practical)	BFA – C– 807	Advance Composition	-	27	-	-	100	100	200	8	24
Total				12	108					1100	44	

CC- Core Course, AECC- Ability Enhancement Compulsory Course, SEC – Skill Enhancement Course, DSE- Discipline Specific Elective Course

B.F.A. CBCS SYLLABUS 2020-21
PROGRAME SPECIFIC OUTCOME
Bachelor of Fine Arts

(BFA) Bachelor of Fine Arts	
PSO#	Program Specific outcome
PSO1	Enhances the knowledge to express concepts with Indian Philosophical and Ancient Wisdom in concrete form effectively.
PSO2	Develops ability to create skillful artistic form using techniques, methods & materials with the input of emotional intelligence that prepare students as professional artists.
PSO3	Enhances the knowledge of historical narratives, Indian heritage, and contemporary issues.
PSO4	Inculcates the role of art making in the larger social context and beneficial for society and nation with ethics and moral values.

Theory Syllabus BFA (Foundation Course) 1st Semester
w.e.f. 2020-21

PAPER - BFA-F-101, APPRECIATION AND FUNDAMENTAL OF VISUAL ARTS

(Theory) Paper - BFA-F-101 - Appreciation and Fundamental of Visual Arts	
Cos#	Course Outcome
BFA-F-101.1	An understanding of basic principal of art & colour, concept, media and formats, and the ability to apply them to a specific aesthetic intent.
BFA-F-101.2	Knowledge of different element of Arts studies and continuing throughout the degree program towards the development of advance capabilities.
BFA-F-101.3	Understanding the basic fundamentals of arts with its merits and demerits.
BFA-F-101.4	Progress towards developing the knowledge of consistent, personal direction and style.

Table 2: CO – PO matrix for the course BFA-F-101 (Appreciation & Fundamental of Visual Arts)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-F-101.1	3	3	3	2	1	1	1	-	-	-
BFA-F-101.2	2	2	3	2	1	2	-	-	-	-
BFA-F-101.3	2	1	1	1	2	2	2	-	-	-
BFA-F-101.4	2	2	2	3	2	1	3	2	-	-
Average	2.25	2	2.25	2	1.5	1.5	2	2	-	-

Table 3: CO – PSO matrix for the course BFA-F-101 (Appreciation & Fundamental of Visual Arts)

	PSO1	PSO2	PSO3	PSO4
BFA-F-101.1	2	3	3	1
BFA-F-101.2	3	3	1	2
BFA-F-101.3	1	3	2	1
BFA-F-101.4	3	3	2	2
Average	2.3	3	2	1.5

Time- 3 hrs. Maximum Marks-80 + 20 Internal Assessment (Credit -4)

Instructions:

- i. No. of Questions to be set: 09 (02 Questions from each unit) and Question No. 01 is to be set from all over the Units i.e. short type Questions.
- ii. No. of Questions to be attempted : 05 .Question No. 01 is compulsory
- iii. All Questions will be of equal marks.

Details of course works:

Unit-1

Visual arts and visual perception.

Definition of art, Functions of art, Arts & Creativity, Scope of Art, Purpose of Art

Unit -2

Elements of art -

Line, Form, Shape, Space, Colour, Value, Texture,

Unit-3

Principle of art

Rhythm , Unity, Harmony, Contrast, Dominance, Balance, Perspective.

Unit-4

Classification of art

Painting, Sculpture, Music, Architecture, Literature, Drama and Dance.

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

- i. Two handwritten Assignments : 10%
(1st Assignment after one month & 2nd after two months)
- ii. One Class Test (One period duration) : 5%
- iii. Attendance : 5%

Marks for attendance will be given as under:-

- | | | | | | |
|-----------------|---|---------|----------------|---|---------|
| (1) 91% onwards | : | 5 Marks | (4) 70% to 74% | : | 2 Marks |
| (2) 81% to 90% | : | 4 Marks | (5) 65% to 69% | : | 1 Marks |
| (3) 75% to 80% | : | 3 Marks | | | |

Practical Syllabus B.F.A. (Foundation course) 1st Semester

PAPER-BFA – F- 102 - DRAWING

(Practical) Paper-BFA – F- 102 - Drawing	
Cos#	Course Outcome
BFA-F-102.1	Practicing and creating art with different painting medium and developing artistic skill.
BFA-F-102.2	Functional knowledge of tradition, conventions, and evolution of the discipline as related to issue of representation and illusion.

BFA-F-102.3	Ability to synthesize the use of drawing, two dimensional compositions and colour.
BFA-F-102.4	Enhances the emotional intelligence.

Table 2: CO-PO matrix for the course BFA-F-102 (Drawing)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-F-102.1	1	2	1	2	-	3	3	2	3	-
BFA-F-102.2	1	3	2	2	1	2	2	2	2	-
BFA-F-102.3	2	2	1	2	-	2	2	2	3	-
BFA-F-102.4	-	1	1	2	1	1	1	-	-	2
Average	1.34	2	1.25	2	1	2	2	2	2.67	2

Table 3: CO-PSO matrix for the course BFA-F-102 (Drawing)

	PSO1	PSO2	PSO3	PSO4
BFA-F-102.1	1	3	2	2
BFA-F-102.2	2	1	3	2
BFA-F-102.3	2	2	3	1
BFA-F-102.4	3	3	2	2
Average	2	2.25	2.5	1.75

Maximum Marks-50 (Sessional) (Credit – 2)

Size: quarter sheet.

Medium: pencil, charcoal, crayons, pastel, water colours, pen and inks.

Note: candidate will have to choose any of the above medium in the examination.

Detail of course work:

Drawing exercises are to learn accurate observation and skills of graphic presentation in free hand drawing exercises from objects and nature to study proportion, volume and visual perspective, suggestion of solidity by line, mass, value and texture; emphasis on variety of visual experiences.

- Study of proportion, line, colour, form, tone, texture and graphic representation.
- Nature Drawing: study of various natural forms.
- Drawing from various man-made objects.
- Drawing from memory- to develop the sense of observation and the capacity to retain and recall images and their co-ordination.

No. of assignments:

Nature drawings: 3

Drawing from man-made object: 3

Drawing from memory-3

Free-hand sketching: 500

PAPER- BFA- F- 103 - DESIGN- 2D AND 3D

(Practical) Paper- BFA- F- 103- Design-2D and 3-D	
Cos#	Course Outcome
BFA-F-103.1	Fundamental theories and principals of Design as well as hands on training & practices
BFA-F-103.2	Acquire critical thinking skills in the development and resolution of concepts related to visual media
BFA-F-103.3	Understanding the relevance of design principals in historic and contemporary art & design.
BFA-F-103.4	Enhances scientific temperament by application of Design.

Table 2: CO – PO matrix for the course BFA-F-103 (Design-2D and 3D)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-F-103.1	2	1	1	3	2	2	2	1	3	-
BFA-F-103.2	2	2	2	2	-	1	-	-	3	-
BFA-F-103.3	2	1	2	1	1	2	2	1	2	-
BFA-F-103.4	2	1	1	1	1	2	1	1	1	-
Average	2	1.25	1.5	1.75	1.34	1.75	1.67	1	2.25	-

Table 3: CO – PSO matrix for the course BFA-F-103 (Design-2D and 3D)

	PSO1	PSO2	PSO3	PSO4
BFA-F-103.1	2	3	1	3
BFA-F-103.2	2	3	2	2
BFA-F-103.3	3	2	3	3
BFA-F-103.4	2	3	3	2
Average	2.25	2.75	2.25	2.5

Maximum Marks-50 (Sessional) (Credit – 2)

Courses of study:

Study of two-dimensional space and its organizational possibilities.

- Elements of pictorial expression related to concepts of space and forms. Developing an Awareness of pictorial elements such as point, line, shape, volume texture, light and colour, Basic design problems.
- Study of various types of objects (natural and man-made) with a view to transform them into flat pictorial images.
- Developing an awareness of pictorial space-division of space form and its relation with space-observation of primitive, folk and miniature paintings as well as graphic designs.
- Developing an awareness of inter-relationship of different shapes and forms -relative values.
- Activation of space through form and colour - Optical illusions.
- Handling of various types of material for pictorial Organization and rendering, such as:
Pencil, pen, brushes, water colours, poster paints, pastel crayon, inks, cellophanes, oil newsprint and other college material, gums and adhesives, wax crayon with inks, etc.
- A coordinated series of basis design problems with aesthetic and analytical approach.

Study of three-dimensional space and its organizational possibilities.

- To develop the sense of structure.
- Operational problems in building up structure.
- Gravitational and mechanical principles.
- Principles of composition and the study of the principles that hold the structure.
- Simple assignments in organizing various units through: Symmetrical load bearing structure Cantilever construction. Flexibility and ability to stretch Geometrical regularity Arched structure. Control of tensions Hinge construction.
- Expanding structure through unit etc. Experiments through various types of material and their combinations such as:- Paper, cardboard, wood block, wire, clay, plasticine, plaster of Paris, metal sheets, plastic form thermo-cole, string, gums and adhesives, wax found objects etc.

Types: 1. Carved 2. Modeled. 3. Perforated (bored through) 4. Mobile. 5. Various methods of joining such as Interlocking, pasting etc.

No. of assignments: 08
2-D Design: 5

PAPER- BFA- F- 104-PICTORIAL DESIGN /PAINTING

(Practical) Paper- BFA- F- 104 - Pictorial Design /Painting	
Cos#	Course Outcome
BFA-F-104.1	Enhances the creative thoughts through studio exercise and assignments.
BFA-F-104.2	Understand to visual and physical control of medium used in the application of colour, Texture& tones, concepts.
BFA-F-104.3	knowledge to develop drawing and painting Skills for creative composition in art.
BFA-F-104.4	Inculcates Emotional attachment towards nature & society

Table 2: CO – PO matrix for the course BFA-F-104 (Pictorial Design/ Painting)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-F-104.1	-	-	1	2	1	2	1	1	3	-
BFA-F-104.2	-	1	2	2	-	1	-	2	3	-
BFA-F-104.3	1	2	-	2	-	1	1	1	3	-
BFA-F-104.4	-	-	-	2	1	-	-	-	-	2
Average	1	1.5	1.5	2	1	1.34	1	1.34	3	2

Table 3: CO – PSO matrix for the course BFA-F-104 (Pictorial Design/ Painting)

	PSO1	PSO2	PSO3	PSO4
BFA-F-104.1	3	3	2	3
BFA-F-104.2	1	3	2	3
BFA-F-104.3	3	3	3	3
BFA-F-104.4	2	2	3	3
Average	2.25	2.75	2.5	3

Maximum Marks-50 (Sessional) (Credit – 2)**Size: Quarter Sheet Medium: Water Colors, Acrylic and Oil Colors.****Courses of study:**

- a) Compositional exercises based on studies of objects and groups in space, on studies of the local scene.
- b) Compositional analysis of paintings; exercises in the use of colour and textural values.
 - i) The objective of Painting lessons is to learn theory of colours and develop the ability to draw and paint with them.
 - ii) Painting from objects and nature (landscape) study of colour, form, tone, and texture.
 - iii) Still Life -3, Memory Drawing – 3, Landscape – 3.

No. of Assignments: 9**PAPER-BFA- F- 105 - PRINT MAKING**

(Practical) Paper-BFA- F- 105 -Print Making	
Cos#	Course Outcome
BFA-F-105.1	Develop Artistic Ability with tools, materials and techniques inherent to basic printmaking processes.
BFA-F-105.2	Knowledge of solving visual problems with equal emphasis on combining both concept and physical process of printmaking.
BFA-F-105.3	Understand and discuss the historical and contemporary role of printmaking media in art, design &

	culture building.
BFA-F-105.4	Enhances the knowledge of Indian print culture & tradition.

Table 2: CO – PO matrix for the course BFA-F-105 (Print Making)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-F-105.1	2	1	-	1	1	-	-	-	2	-
BFA-F-105.2	1	2	-	2	-	2	-	-	2	-
BFA-F-105.3	2	2	2	2	2	2	1	1	-	1
BFA-F-105.4	1	2	2	1	1	3	2	1	2	1
Average	1.5	1.75	2	1.5	1.34	2.34	1.5	1	2	1

Table 3: CO – PSO matrix for the course BFA-F-105 (Print Making)

	PSO1	PSO2	PSO3	PSO4
BFA-F-105.1	2	3	3	3
BFA-F-105.2	3	3	3	1
BFA-F-105.3	2	2	3	3
BFA-F-105 .4	3	1	2	3
Average	2.5	2.25	2.75	2.5

Maximum Marks-50 (Sessional) (Credit – 2)

Courses of Study

* Fundamentals of various methods of taking Relief print.

* Observation of intrinsic texture of various surfaces and the textures of natural and man-made things.

* Introduction of materials and its use for making a design for a relief print. Making relief print by wood block and Linoleum block.

* Techniques of taking prints in: - Single colour or Double colour .

Experience of printing of different types of surfaces: Different papers & Various types of fabrics (cloth)

* Experience of Hand printing with wood blocks, Methods of inking on block.

No. of Assignments: 4

PAPER-BFA- F- 106 - CLAY MODELING

(Practical) Paper-BFA- F- 106 -Clay Modeling	
Cos#	Course Outcome
BFA-F-106.1	Knowledge to manipulate, integrate and use material to build three dimensional sculptures.
BFA-F-106.2	Understand to research form, materials and techniques as need by the direction of their sculptural work.
BFA-F-106.3	Observation and understanding of Natural objects transforming in sculpture art.
BFA-F-106.4	Enhance the belongingness towards mother earth.

Table 2: CO – PO matrix for the course BFA-F-106 (Clay Modeling)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-F-106.1	1	2	1	2	-	-	-	1	3	-
BFA-F-106.2	2	1	1	2	-	1	-	-	2	-

BFA-F-106.3	2	2	2	3	-	2	2	1	2	1
BFA-F-106.4	1	2	1	2	2	2	1	1	1	2
Average	1.5	1.75	1.25	2.25	2	1.67	1.34	1	2	1.34

Table 3: CO – PSO matrix for the course BFA-F-106 (Clay Modeling)

	PSO1	PSO2	PSO3	PSO4
BFA-F-106.1	1	3	3	2
BFA-F-106.2	2	3	2	3
BFA-F-106.3	3	3	3	1
BFA-F-106.4	3	3	2	3
Average	2.25	3	2.5	2.25

Maximum Marks-50 (Sessional) (Credit – 2)

Medium: Clay, Plaster of Paris, Paper, metal foil sheet etc.

Courses of study;

(a) Learning to see, experience and study of natural or manmade objects involving perception, analysis of perceptual elements and understanding of their relationships. In round-Natural or man-made objects, in relief most familiar areas of contact.

(b) Introduction to sculpture-basic elements and their relationships-Sculptural exercises based on studies from nature, human figures or other areas of contact.

(c) Exercises in sculptural expression-manipulation of space and volumes using different materials.

No. of assignments: 5

PAPER-BFA –F – 107- GEOMETRY, PERSPECTIVE AND CALLIGRAPHY

(Practical) Paper-BFA –F – 107- Geometry, Perspective and Calligraphy	
Cos#	Course Outcome
BFA-F-107.1	Knowing the advance knowledge of Perspective and its practices.
BFA-F-107.2	Ability to use geometry, calligraphy with understanding the unique qualities of artistic Concept..
BFA-F-107.3	Enhances practical skills with using modern tools and technique.
BFA-F-107.4	Enhances the calculative, scientific & analytical strength.

Table 2: CO – PO matrix for the course BFA-F-107 (Geometry, Perspective & Calligraphy)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-F-107.1	2	1	-	1	-	-	1	1	2	-
BFA-F-107.2	1	-	-	2	-	-	-	1	2	-
BFA-F-107.3	1	-	-	1	-	2	1	2	3	-
BFA-F-107.4	3	1	1	2	-	1	1	2	2	-
Average	1.75	1	1	1.5	-	1.34	1	1.5	2.25	-

Table 3: CO – PSO matrix for the course BFA-F-107 (Geometry, Perspective & Calligraphy)

	PSO1	PSO2	PSO3	PSO4
BFA-F-107.1	1	3	2	2
BFA-F-107.2	2	3	3	3

BFA-F-107.3	2	3	2	2
BFA-F-107.4	3	3	3	3
Average	2	3	2.5	2.5

Maximum Marks-50 (Sessional) (Credit – 2)

Size: Quarter sheet. **Medium:** Pencil, Pen and Ink.

Note: Candidate will have to do one each assignment of Geometry and Perspective, and Calligraphy

Courses of study:

Perspective:

- Introduction to orthographic projections in simple positions, drawing of plan, elevation and selection of simple objects to scale, full size reduced or enlarged.
- Isometric projections.
- Parallel and angular perspective based on simple solids of basic shapes.

Geometry:

Simple geometrical drawings-line and angles, triangles, quadrilateral, squares, polygons and circles, simple scales.

Calligraphy:

- Basic discipline of beautiful handwriting, sense of letter form- simultaneous judgment of the composition of letter's spacing organization - intuitive and logical planning of writing development of style.
- A co-ordinated series of assignments of script writing with different types of traditional and modern tools. Students should be exposed to calligraphic examples of various traditional scripts.

No. of Assignments: Geometry & Perspective: 8; Calligraphy: 5

PAPER - BFA - F- 108 - HINDI

(Theory) Paper – BFA- F- 108 - Hindi	
Cos#	Course Outcome
BFA-F-108.1	Knowledge of different Hindi Literature and the poetry of the Medieval period.
BFA-F-108.2	Intensive knowledge of Hindi poets like Kabir, Tulsi, Raidas, Meerabai & Surdas.
BFA-F-108.3	Understanding of Hindi Grammar which enhance knowledge of Bhartiya Hindi sahitya.
BFA-F-108.4	Student will able to understand the aesthetic & moral value of Indian literature.

Table 2: CO – PO matrix for the course BFA-F-108 (Hindi)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-F-108.1	3	3	2	2	2	2	1	1	-	-
BFA-F-108.2	2	2	3	2	2	2	3	2	-	-
BFA-F-108.3	2	2	2	2	3	2	2	2	1	-
BFA-F-108.4	2	3	3	3	2	2	3	1	-	-
Average	2.25	2.5	2.5	2.25	2.25	2	2.25	1.5	1	-

Table 3: CO – PSO matrix for the course BFA-F-108 (Hindi)

	PSO1	PSO2	PSO3	PSO4
BFA-F-108.1	3	3	3	2
BFA-F-108.2	2	2	3	2

BFA-F-108.3	2	2	3	1
BFA-F-108.4	2	2	2	3
Average	2.25	2.25	2.75	2

Time-3 hrs.

Maximum Marks-40 +10 Internal Assessment (Credit -2)

No. of question to be set: 10

No. of question to be attempted: 5

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dy val40+10 Internal Assessment

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- 1- ikphu , oa e/; ; qhu dk0; uked i¼rd l s 0; k[; k ds fy, fu/kkZjr dfo; ka ea l s fdllgh pkj dfo; ka dh pkj 0; k[; k, a iNh tk; ach A ijh(kkfFkZ, ka dks muea l s fdllgh nks dh l i d x 0; k[; k djuh gksch A iR; d 0; k[; k 8 valks dh gksch vkj ijk iZ'u 16 valks dk gksch A 16
- 2- ikphu , oa e/; ; qhu dk0; uked i¼rd l s fdllgh nks dfo; ka dk l kfgfR; d ifjp; iNh tk, xkj ftuea l s ijh(kkfFkZ, ka dks , d dk mUkj nsk gksch A bl iZ'u dsfy, 8 val fu/kkZjr gA 08
- 3- fu/kkZjr dfo; ka ea fdllgha pkj ij vkykpkRed iZ'u iNs tk, as A ijh(kkfFkZ, ka dks fdllgha nks dk mUkj nsk gksch A iR; d iZ'u 8&8 valks dk gksch ijk iZ'u 16 valks dk gksch A 16

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

- (i) Two handwritten Assignments : 10%
(1st Assignment after one month & 2nd after two months)
- (ii) One Class Test (One period duration) : 5%
- (iii) Attendance : 5%

Marks for attendance will be given as under:-

- (1) 91% onwards : 5 Marks
- (2) 81% to 90% : 4 Marks
- (3) 75% to 80% : 3 Marks
- (4) 70% to 74% : 2 Marks
- (5) 65% to 69% : 1 Marks

PAPER- BFA- F-109 COMMUNICATIVE ENGLISH

(Theory) Paper – BFA- F-109 - Communicative English	
Cos#	Course Outcome
BFA-F-109.1	Aims at making the students competent in English.
BFA-F-109.2	The syllabus is a mixture of grammar, literature and composition along with translation.
BFA-F-109.3	The literature aims at developing critical and imaginative faculties of the students and the grammar aims at making the students competent in the use of English.
BFA-F-109.4	The composition portion is included in the syllabus to make the students competent in using their thoughts creatively and articulate clearly and precisely.

Table 2: CO – PO matrix for the course BFA-F-109 (Communicative English)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-F-109.1	3	2	1	3	2	-	-	-	-	-
BFA-F-109.2	2	2	1	2	1	-	-	-	-	-
BFA-F-109.3	3	2	3	2	1	-	2	2	1	-
BFA-F-109.4	2	2	2	2	1	-	2	1	-	-
Average	2.5	2	1.75	2.25	1.25	-	2	1.5	1	-

Table 3: CO – PSO matrix for the course BFA-F-109 (Communicative English)

	PSO1	PSO2	PSO3	PSO4
BFA-F-109.1	2	2	1	2
BFA-F-109.2	2	3	3	2
BFA-F-109.3	2	3	3	3
BFA-F-109.4	3	2	3	2
Average	2.25	2.5	2.5	2.25

Time-3 hrs. Maximum Marks- 40+10 Internal Assessment(Credit – 2)

No. of question to be set: 5

No. of question to be attempted: 5

Part-A

Chronicles of Time edited by Asha Kadiyan with the following deletions and additions.

- i. "Leisure" by W.H. Davis
- ii. "The Flute Player of Brindaban" by Sarojni Naidu.
- iii. "The Soldier" by Robert Brooke

Scheme of Examination

Q.1. Explanation with reference to the context.

The candidate will be required to attempt two passages (with internal choice from the book of Poems) (8 Marks)

Q. 2. Short-answer type questions on poems (four questions to be attempted out of the given eight.) (8 Marks)

Q. 3. One essay-type question (with internal choice) will be set from the book of poems.
(8 Marks)

Q. 4. “Paragraph” The candidates will be required to write a paragraph on any one of the given topics
(8 Marks)

Q. 5. “Letter/Application” Students will be asked to write a letter on an application (with internal choice)
(8 Marks)

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

- i. Two handwritten Assignments : 10%
(1st Assignment after one month & 2nd after two months)
 - ii. One Class Test (One period duration) : 5%
 - iii. Attendance : 5%
- Marks for attendance will be given as under:-
- | | | | |
|-----------------|-----------|----------------|-----------|
| (1) 91% onwards | : 5 Marks | (4) 70% to 74% | : 2 Marks |
| (2) 81% to 90% | : 4 Marks | (5) 65% to 69% | : 1 Marks |
| (3) 75% to 80% | : 3 Marks | | |

Theory Syllabus B.F.A. (Foundation course) 2nd Semester **w.e.f 2020-21**

PAPER- BFA –F- 201, APPRECIATION AND FUNDAMENTAL OF VISUAL ARTS

(Theory), Paper- BFA –F- 201 - Appreciation and Fundamental of Visual Arts	
Cos#	Course Outcome
BFA-F-201.1	Knowledge about the Indian Folk Art, Culture & Folk traditions, their relations, and differences.
BFA-F-201.2	Student came to know the differences between Indian Art Forms & their Motifs
BFA-F-201.3	Knowledge of different Design forms, Function of designs, How, Where, and Why to use in Art with tools and techniques.
BFA-F-201.4	Enhances the value of Indian culture & Patriotism.

Table 2: CO – PO matrix for the course BFA-F-201 (Appreciation & Fundamental of Visual Arts)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-F-201.1	3	3	2	2	2	3	2	3	1	-
BFA-F-201.2	2	2	1	2	1	2	2	2	1	-
BFA-F-201.3	2	2	2	2	2	2	2	1	3	-
BFA-F-201.4	2	3	1	3	3	2	2	2	1	1
Average	2.25	2.5	1.5	2.25	2	2.25	2	2	1.5	1

Table 3: CO – PSO matrix for the course BFA-F-201 (Appreciation & Fundamental of Visual Arts)

	PSO1	PSO2	PSO3	PSO4
BFA-F-201.1	3	2	3	3
BFA-F-201.2	3	2	2	3
BFA-F-201.3	2	3	1	3
BFA-F-201.4	3	2	3	2
Average	2.75	2.25	2.25	2.75

Time- 3 hrs. Maximum Marks-80+20 Internal Assessment (Credit – 4)

Instructions:

- (i) No. of Questions to be set: 09 (02 Questions from each unit) and Question No. 01 is to be set from all over the Units i.e. short type Questions.
- (ii) No. of Questions to be attempted : 05 .Question No. 01 is compulsory
- (iii) All Questions will be of equal marks.

Details of course works:

Unit-1

- 1 Meaning and Definition of Folk art their characteristic.
- 2 Classification of Folk Arts in India - Madhubani, Warli, Pat chitra, Sanjhi, Phad Chitra

Unit -2

Meaning & comparative Study of Classical Art, Traditional Art , Craft Works , Tribal Art, Folk Art.

Unit-3

Visual elements and the elements of design their characteristics and behavior.

- 1 Meaning of Design
- 2 Design thorough nature
- 3Interior design , Fashion design, Textile design,
- 4 Furniture design, Jewelry design, Graphic Design

Unit-4

Study on different types of dimensions in Art, Basic principles,their application of various media of Dimensional Art.

- 1 Dimension in art -2D
- 2 Dimension in art- 3D

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

- (i) Two handwritten Assignments : 10%
(1st Assignment after one month & 2nd after two months)
- (ii) One Class Test (One period duration) : 5%
- (iii) Attendance : 5%

Marks for attendance will be given as under:-

- | | | | | | |
|-----------------|---|---------|----------------|---|---------|
| (1) 91% onwards | : | 5 Marks | (4) 70% to 74% | : | 2 Marks |
| (2) 81% to 90% | : | 4 Marks | (5) 65% to 69% | : | 1 Marks |
| (3) 75% to 80% | : | 3 Marks | | | |

Practical Syllabus B.F.A.(Painting) 2nd Semester

PAPER-BFA – F- 202 DRAWING

Time-6 hrs.Maximum Marks-100 (Sessional-50; Examination-50) (Credit – 2 +2 = 4)

Size: quarter sheet.

Medium: pencil, charcoal, crayons, pastel, water colours, pen and inks.

Note: candidate will have to choose any of the above medium in the examination.

Detail of course work:(Same as 1st Semester)

No. of assignments:

Nature drawings: 3

Drawing from man-made object: 3

Drawing from memory-2

Free-hand sketching: 500

PAPER- BFA- F- 203 DESIGN-2D AND 3-D

Time-6 hrs. Maximum Marks-100 (Sessional-50; Examination-50) (Credit – 2 +2 = 4)

Courses of study:(Same as 1st Semester)

No. of assignments: 7

2-D Design: 5

3-D Design: 2

PAPER- BFA- F- 204 PICTORIAL DESIGN/PAINTING

Time-6 hrs. Maximum Marks-100 (Sessional-50; Examination-50)(Credit – 2 +2 = 4)

Size: Quarter Sheet

Medium: Water Colors, Acrylic and Oil Colors.

Courses of study: (Same as 1st Semester)

No. of Assignments: 5

PAPER-BFA- F- 205 PRINT MAKING

Time-6 hrs. Maximum Marks- 100 (Sessional-50; Examination-50) (Credit – 2 +2 = 4)

Course of Study - (same as 1st Semester)

No. of Assignments: 4

PAPER-BFA- F- 206 CLAY MODELING

Time-6 hrs. , Maximum Marks-100 (Sessional-50; Examination-50)(Credit – 2 +2 = 4)

Medium: Clay, Plaster of Paris, Paper, metal foil sheet etc.

Courses of study: (same as 1st Semester)

No. of assignments: 5

PAPER-BFA –F -207-GEOMETRY, PERSPECTIVE AND CALLIGRAPHY

Time-6 hrs., Maximum Marks-100 (Sessional-50; Examination-50) (Credit – 2 +2 = 4)

Size: Quarter sheet.

Medium: Pencil, Pen and Ink.

Note: Candidate will have to do one each assignment of Geometry and Perspective, and Calligraphy

Courses of study:(same as 1st Semester)

No. of Assignments: Geometry & Perspective: 4; Calligraphy: 5

PAPER-BFA-F-208 HINDI

(Theory) Paper-BFA-F-208 - Hindi	
Cos#	Course Outcome
BFA-F-208.1	Studying different Hindi Literature and the poetry of the Medieval period.
BFA-F-208.2	Studying poet like Kabir, Tulsi, Raidas, Meerabai & Surdas, gives intensive knowledge of Hindi.
BFA-F-208.3	Study of Hindi Grammar which enhance knowledge of Bhartiya Hindi sahitya.
BFA-F-208.4	By this study student get to know about the value of Indian Hindi literature

Table 2: CO – PO matrix for the course BFA-F-208 (Hindi)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-F-208.1	3	3	2	2	2	2	1	1	-	-
BFA-F-208.2	2	2	3	2	2	2	3	2	-	-
BFA-F-208.3	2	2	2	2	3	2	2	2	1	-
BFA-F-208.4	2	3	3	3	2	2	3	1	-	-
Average	2.25	2.5	2.5	2.25	2.25	2	2.25	1.5	1	-

Table 3: CO – PSO matrix for the course BFA-F-208 (Hindi)

	PSO1	PSO2	PSO3	PSO4
BFA-F-208.1	3	3	3	2
BFA-F-208.2	2	2	3	2
BFA-F-208.3	2	2	3	1
BFA-F-208.4	2	2	2	3
Average	2.25	2.25	2.75	2

Time-3 hrs. Maximum Marks-40 + 10 Internal Assessment, (Credit- 2)

No. of question to be set: 10

No. of question to be attempted: 5

प्रश्न: 1 एवं 2

प्रश्न 1 एवं 2 के अंश 40 +10 Internal Assessment

1- फलान्दल कर्ग; दक लल्लर बर्गल फलान्दल कर्ग हकडर दक जहर दक वल्ल वल्लक दक वल्लन एल 4 इ'उ इन्स तक, अस इहल्लकल कल दक फल्ल 2 इ'उका दक मर्रज नल्ल गल्लक अ इ'उ 12 वल्लक दक गल्लक अ इ'उ 24 वल्लक दक गल्लक अ 24

2- वल्लन इ'उ 0; कड.क दक गल्लक फल्ल दस फ, 16 वल्ल फल्लकल गल्लक अ ओल्लल ल; कल ओल्लल फोयल "कल ओड; दस फ, , द 'कल रल्लरल्ल वल्लक एल हकल्लर फल्ल; क ख; क गल्लक यल्लकल वल्लक एल्लकल दक नल्ल वल्लक एल्लकल फल्लकल फल्ल; क ख; क गल्लक इ'उ 16 वल्लक दक गल्लक अ

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

(i) Two handwritten Assignments : 10%

(1st Assignment after one month & 2nd after two months)

(ii) One Class Test (One period duration) : 5%

(iii) Attendance : 5%

Marks for attendance will be given as under:-

(1) 91% onwards : 5 Marks (4) 70% to 74% : 2 Marks

(2) 81% to 90% : 4 Marks (5) 65% to 69% : 1 Marks

(3) 75% to 80% : 3 Marks

PAPER-BFA-F-209- COMMUNICATIVE ENGLISH

(Theory) - Paper- BFA- F- 209 -Communicative English	
Cos#	Course Outcome
BFA-F-209.1	Aims of making the students competent in English.
BFA-F-209.2	The syllabus is a mixture of grammar, literature and composition along with translation.
BFA-F-209.3	The literature aims at developing critical and imaginative faculties of the students and the grammar aims at making the students competent in the use of English.
BFA-F-209.4	The composition portion is included in the syllabus to make the students competent in using their thoughts creatively and articulate clearly and precisely.

Table 2: CO – PO matrix for the course BFA-F-209 (Communicative English)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-F-209.1	3	2	1	3	2	-	-	-	-	-
BFA-F-209.2	2	2	1	2	1	-	-	-	-	-
BFA-F-209.3	3	2	3	2	1	-	2	2	1	-
BFA-F-209.4	2	2	2	2	1	-	2	1	-	-
Average	2.5	2	1.75	2.25	1.25	-	2	1.34	1	-

Table 3: CO – PSO matrix for the course BFA-F-209 (Communicative English)

	PSO1	PSO2	PSO3	PSO4
BFA-F-209.1	2	2	1	2
BFA-F-209.2	2	3	3	2
BFA-F-209.3	2	3	3	3
BFA-F-209.4	3	2	3	2
Average	2.25	2.5	2.5	2.25

Time: 3 Hours Max Marks: 40+10 Internal Assessment(Credit -2)

Instructions:

No. of question to be set: 5

No. of question to be attempted: 5

Prescribed Text Books:

- I. The pointed vision: an anthology of short stories by Usha Bande & Krishan Gopal (Oxford University Press, New Delhi, with the following deletion and additions:-

Deletions

- (i) “The Saint and the Goblin”
- (ii) “Happiness”

(iii) “Hands”

Additions

(i) Anton Chekhov’s “The Bet”

(ii) Rabindra Nath Tagore’s “The Postmaster”

(iii) D. H. Lawrence’s “The Gift of Magi”

II. A Remedial English Grammar for Foreign Students by F.T. Wood.

Scheme of Examination

Q. 1. Four short answer type questions will be set on the prescribed short stories (four questions to be attempted out of the given eight). (8 Marks)

Q. 2. One essay type question (with internal choice) will be set from the prescribed book short stories. (8 Marks)

Q.3. Item based in the examples/exercise given in the prescribed text-book of grammar. (8 Marks)
The following topics are to be studied in details chapter number of the prescribed book.

Topics	Chapter No. of the Prescribed text-book
1. Articles	01
2. Agreement of verb and subject	02
3. Difficulties with comparatives and superlatives	10
4. Prepositions	13
5. Tenses	16
6. Infinitive	20

Q. 4. (a) Idioms and Phrases
(b) Synonyms/Antonyms (8 Marks)

Q. 5. Translation (from Hindi to English, of a passage consisting of 6 to 8 sentences) (8 Marks)

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

(i) Two handwritten Assignments : 10%

(1st Assignment after one month & 2nd after two months)

(ii) One Class Test (One period duration) : 5%

(iii) Attendance : 5%

Marks for attendance will be given as under:-

(1) 91% onwards : 5 Marks (4) 70% to 74% : 2 Marks

(2) 81% to 90% : 4 Marks (5) 65% to 69% : 1 Marks

(3) 75% to 80% : 3 Marks

Theory Syllabus B.F.A. (Painting) 3rd Semester
w.e.f. 2021-22

PAPER -BFA – ABC - 301: HISTORY OF ANCIENT INDIAN ART

(Theory) Paper -BFA – ABC – 301 - History of Ancient Indian Art	
Cos#	Course Outcome
BFA-ABC-301.1	Study of Indian art to understand our cultural heritage.
BFA-ABC-301.2	Enhances the knowledge of development in art & tradition.

BFA-ABC-301.3	Understanding the Value of Indian scriptures & Vedic philosophies.
BFA-ABC-301.4	Understand the Development of different ideologies & influences in Indian Art

Table 2: CO – PO matrix for the course BFA-ABC-301 (History of Ancient Indian Art)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-ABC-301.1	2	3	2	2	2	3	1	2	1	-
BFA-ABC-301.2	1	2	1	2	1	2	3	3	2	1
BFA-ABC-301.3	2	1	3	2	2	1	2	-	-	-
BFA-ABC-301.4	-	2	2	1	1	2	2	3	1	-
Average	1.67	2	2	1.75	1.5	2	2	2.67	1.34	1

Table 3: CO – PSO matrix for the course BFA-ABC-301 (History of Ancient Indian Art)

	PSO1	PSO2	PSO3	PSO4
BFA-ABC-301.1	3	1	3	1
BFA-ABC-301.2	3	3	3	2
BFA-ABC-301.3	3	1	3	2
BFA-ABC-301.4	3	2	3	3
Average	3	1.75	3	2

Time-3 hrs. , Maximum Marks: 80+20 Internal Assessments , (Credit – 4)

Instructions:

- No. of Questions to be set: 09 (02 Questions from each unit) and Question No. 01 is to be set from all over the Units i.e. short type Questions.
- No. of Questions to be attempted : 05 .Question No. 01 is compulsory
- All Questions will be of equal marks.

Details of course works:

Unit-1

Pre-historical art

Cave painting at Bhimbetka, Mirjapur, Hoshangabad, Panchmadhi. Jogimara Cave,

Importance of prehistoric cave painting.

Medium and Subject of cave painting.

Unit -2

Proto-Historic Art:

Indus valley civilization - Harappa and Mohenjodaro.

Different types of Architecture, Sculpture and Painting.

ie: Priest, Dancing girl, Seals & coins, Terracotta sculpture, Mother Goddess figurines.

Unit-3

The Vedic & Upanishad Period

Study of Evidence found in this period, Indo Aryan Culture, Mahakavya period

Unit-4

Mauryan Art :

Importance sculpture of the Mauryan period : Lion capital [Sarnath] , Sarnath stupa , Didarganj yakshini, parkham yaksha.

The study of stupa sculpture : Bharahut, Sanchi, Amaravati, Nagarjunkonda.

Kushan Period – Mathura & Gandhara

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

(i) Two handwritten Assignments : 10%

(1st Assignment after one month & 2nd after two months)

(ii) One Class Test (One period duration) : 5%

(iii) Attendance : 5%

Marks for attendance will be given as under:-

(1) 91% onwards : 5 Marks (4) 70% to 74% : 2 Marks

(2) 81% to 90% : 4 Marks (5) 65% to 69% : 1 Marks

(3) 75% to 80% : 3 Marks

Reading List

1. Bhartiya Chitra Kala Ka Itihas- Vachaspati Gairola.
2. Bartiya Chitrakala Ka Itihas- Avinash Bahadur verma.
3. Rupa prada Kala Ke Muladhar- R. A. aggrawal and S. K. Sharma
4. Bhartiya Murtikala_ Ramanath Mishra.
5. Bhartiya Kala- A. L. Srivastava.
6. Bhartiya Chitrakan- R. K. Vishwakarma.
7. A History of far Eastern Art - Thames and Hudson
8. dyk bfrgl Hkkjrh; vks ik'pkr; & jkeplnz ukjk; .k iKVdj
9. Hkkjrh; fp=dyk , oaeir dyk dk bfrgl & Mko jhrk irki
10. dyk foykl & Hkkjrh; fp=dyk dk fodkl & vkj0 ,0 vxdky
11. Hkkjr dh fp=dyk dk l fklr bfrgl & Mko ykds plnz 'kekz

PAPER-BFA – AB- 302 METHOD & MATERIAL

(Theory) Paper-BFA – AB- 302 - Method & Material	
Cos#	Course Outcome
BFA-AB-302.1	Understand the basic fundamental of drawing materials for creating Art.
BFA-AB-302.2	Enhances the confidence to use art materials with appropriate concept.
BFA-AB-302.3	Study and knowledge of about different ingredients & contents in art materials
BFA-AB-302.4	Develop scientific approaches & skills

Table 2: CO – PO matrix for the course BFA-AB-302 (Method & Material)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-AB-302.1	2	1	1	2	2	2	-	1	3	-
BFA-AB-302.2	2	-	-	2	1	2	-	-	3	-
BFA-AB-302.3	1	1	-	2	-	1	2	-	3	-
BFA-AB-302.4	2	1	-	1	-	-	-	-	2	1
Average	1.75	1	1	1.75	1.5	1.67	2	1	2.75	1

Table 3: CO – PSO matrix for the course BFA-AB-302 (Method & Material)

	PSO1	PSO2	PSO3	PSO4
BFA-AB-302.1	1	3	2	2
BFA-AB-302.2	2	3	2	1
BFA-AB-302.3	1	3	2	1
BFA-AB-302.4	1	3	2	2
Average	1.25	3	2	1.5

Time-3 hrs. Maximum Marks: 80+20 Internal Assessment, (Credit – 4)

Instructions:

- (i) No. of Questions to be set: 09 (02 Questions from each unit) and Question No. 01 is to be set from all over the Units i.e. short type Questions.
- (ii) No. of Questions to be attempted : 05 .Question No. 01 is compulsory
- (iii) All Questions will be of equal marks.

Details of course works:

Unit-1

Importance of Methods and Materials, Nature and Characteristics of Drawing and Painting medium such as pencil, crayon, charcoal, pastel, pen and ink, Types of Brushes, Spray Gun.

Unit -2

Introduction to Mural- Fresco Buono, Fresco Secco, Mosaic method: direct and indirect method, distemper and application of various mural techniques

Unit-3

Types of Papers – Hot Press & Cold Press papers, Hand made – Machine made
Technique of Water colour (Opaque& Transparent), Wash Technique, Gouache, Tempera and oil paint, Gums and glues, Resin and Varnishes.

Unit-4

Print making methods- Silk-screen, Etching- Mezzotint, Aquatint, Lithography, wood-cut, Lino cut

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

- (i) Two handwritten Assignments : 10%
(1st Assignment after one month & 2nd after two months)

- (ii) One Class Test (One period duration) : 5%

- (iii) Attendance : 5%

Marks for attendance will be given as under:-

- | | | | |
|-----------------|-----------|----------------|-----------|
| (1) 91% onwards | : 5 Marks | (4) 70% to 74% | : 2 Marks |
| (2) 81% to 90% | : 4 Marks | (5) 65% to 69% | : 1 Marks |
| (3) 75% to 80% | : 3 Marks | | |

Book Reading

- (i) A handbook of method & material – Ray Smith.
- (ii) Chitrana Samagree – Dr. R.K. Singh, Sahitya Sangam, Lookarganj, Allahabad, U.P. 2009
- (iii) Kala Avam Taknique – Dr. Avinash Bahadur Varma, Prakash Book Depot, Bareilly, U.P., 2011.

Practical Syllabus B.F.A (Painting) 3rd Semester

PAPER- BFA – A – 303 DRAWING:

(Practical) Paper- BFA – A - 303 - Drawing	
Cos#	Course Outcome
BFA-A-303.1	Develop Drawing skills with different medium and handling of the techniques.

BFA-A-303.2	Enhances Compositional Skill with understanding the values of drawing.
BFA-A-303.3	Application of drawing on different surfaces with artistic inputs.
BFA-A-303.4	Inculcation of visual communication by using drawing.

Table 2: CO – PO matrix for the course BFA-A-303 (Drawing)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-A-303.1	1	2	-	2	1	2	-	-	3	-
BFA-A-303.2	-	1	-	1	-	1	1	-	3	-
BFA-A-303.3	2	1	-	-	-	1	1	2	3	1
BFA-A-303.4	1	2	-	1	1	2	1	1	2	1
Average	1.34	1.5	-	1.34	1	1.5	1	1.5	2.75	1

Table 3: CO – PSO matrix for the course BFA- A-303 (Drawing)

	PSO1	PSO2	PSO3	PSO4
BFA-A-303.1	1	3	2	2
BFA-A-303.2	2	3	2	1
BFA-A-303.3	1	3	2	2
BFA-A-303.4	3	2	2	3
Average	1.75	2.75	2	2

Maximum Marks-100 (Sessional) (Credit 4)

Medium: Pencil, charcoal, crayon, water colour, dry pastel etc.

Courses of study:

Introduction to various aspects and techniques of drawing. Time bound exercise.

- Still Life; Selection and arrangement of objects, composition, eye level, structure, source of light and its effect, tonal and textural values.
- Life drawing: Full Figure, Study of human anatomy, proportion, planes and masses, posture and rhythmic unity of body parts, foreshortening, quick time sketches and finished drawings.
- Outdoor : Selection of spot, picture frame observation and study of variations in nature, additions and elimination, simplification, eye levels and perspective, balance and rhythms for use in composition.

No. of assignments: Still life-5
Life Drawing-5
Nature Study-5
Freehand sketching-500

PAPER- BFA – A- 304 HEAD STUDY

(Practical) Paper- BFA – A- 304 - Head Study	
Cos#	Course Outcome
BFA-A-304.1	Enhancing the drawing skill of Human head of different age groups.
BFA-A-304.2	Anatomical study of Head in different paint medium.
BFA-A-304.3	Enhances the knowledge to paint body parts, features, folds and curves.
BFA-A-304.4	Inculcate the understanding of differences in human head.

Table 2: CO – PO matrix for the course BFA-A-304 (Head Study)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-A-304.1	1	2	-	1	-	1	-	-	3	-

BFA-A-304.2	2	1	-	-	-	1	-	-	3	-
BFA-A-304.3	1	2	-	1	-	2	-	1	3	-
BFA-A-304.4	-	1	-	-	-	1	-	1	3	-
Average	1.34	1.5	-	1	-	1.25	-	1	3	-

Table 3: CO – PSO matrix for the course BFA- A-304 (Head Study)

	PSO1	PSO2	PSO3	PSO4
BFA-A-304.1	1	3	2	3
BFA-A-304.2	2	3	2	2
BFA-A-304.3	1	3	3	2
BFA-A-304.4	2	2	1	2
Average	1.5	2.75	2	2.25

Maximum Marks-100 (Sessional) Credit- 4

Medium: Pencil, charcoal, crayon, pastels

Courses of study:

Head Study; Construction of the skull: planes and masses of the head , bust from different angles and eye levels: adding of details and finishing.

No. of assignments: 5

PAPER- BFA – A- 305

PICTORIAL COMPOSITION

(Practical) Paper- BFA – A- 305 Pictorial Composition	
Cos#	Course Outcome
BFA-A-305.1	Imparting knowledge with Practical Assignments on Indian Traditional Miniature art.
BFA-A-305.2	Enhancing the skill of using colours and compositional values.
BFA-A-305.3	Increase patience and philosophical values through art.
BFA-A-305.4	Improves emotional intelligence by using colour & forms.

Table 2: CO – PO matrix for the course BFA-A-305 (Pictorial Composition)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-A-305.1	1	2	-	-	1	2	2	-	3	1
BFA-A-305.2	-	1	-	-	1	1	-	-	3	-
BFA-A-305.3	1	-	3	2	2	1	-	2	1	1
BFA-A-305.4	-	1	-	2	-	1	-	-	-	3
Average	1	1.34	3	2	1.34	1.25	2	2	2.34	1.67

Table 3: CO – PSO matrix for the course BFA- A-305 (Pictorial Composition)

	PSO1	PSO2	PSO3	PSO4
BFA-A-305.1	3	2	3	2
BFA-A-305.2	3	3	2	2
BFA-A-305.3	2	3	3	2
BFA-A-305.4	1	3	2	2
Average	2.25	2.75	2.5	2

Maximum Marks-100 (Sessional) Credit 4

Medium: Water colour, Acrylics and Oil.

Courses of study:

Compositional exercises based on studies of objects and groups in space, on studies of the local scene. Study in Indian miniature and folk art. Compositional analysis of paintings; exercises in the use of colour and textural values.

No. of assignments: 5

PAPER-BFA- A- 306 - PRINT MAKING

(Practical) Paper-BFA- A- 306 Print Making	
Cos#	Course Outcome
BFA-A-306.1	Knowledge of using different Printmaking materials to prepare relief blocks.
BFA-A-306.2	Knowledge of different printing colour methods.
BFA-A-306.3	Introductory study of Intaglio Techniques with practical practices.
BFA-A-306.4	Inculcate the scientific approach in making edition of art works.

Table 2: CO – PO matrix for the course BFA-A-306 (Printmaking)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-A-306.1	-	1	-	-	1	2	-	1	3	1
BFA-A-306.2	2	1	-	1	1	2	-	1	3	-
BFA-A-306.3	2	2	-	1	1	2	-	-	3	-
BFA-A-306.4	2	1	-	-	2	2	1	-	2	-
Average	2	1.25	-	1	1.25	2	1	1	2.75	1

Table 3: CO – PSO matrix for the course BFA- A-306 (Printmaking)

	PSO1	PSO2	PSO3	PSO4
BFA-A-306.1	1	3	2	2
BFA-A-306.2	1	3	2	3
BFA-A-306.3	1	2	2	1
BFA-A-306.4	2	3	2	3
Average	1.25	2.75	2	2.25

Maximum Marks-100 (Sessional) Credit 4

Medium: As required.

Courses of study:

- Introduction of Materials and its use for making design for relief print.
- Principles of stencil printing. Preparing drawing for stencils. Multi colour relief Printing process and preparing different blocks.
- Working with glue, Texture white and lacquer for Collography block making and printing.
- Introduction to Intaglio Printing and working Drypoint on Acrylic Sheet or metal sheet.
- Handling and using of big Rollers for applying colours on intaglio plate .

No. of assignments: 4

PAPER – BFA – ABC - 307 COMMUNICATIVE ENGLISH

(Theory) Paper – BFA – ABC - 307 Communicative English	
Cos#	Course Outcome
BFA-ABC-307.1	Aims at making the students competent in advance English learning.
BFA-ABC-307.2	Studies of literature and composition along with translation.
BFA-ABC-307.3	Developing critical and imaginative faculties of the students and the grammar aims at making the students competent in the use of English.
BFA-ABC-307.4	Students became competent in using their thoughts creatively and articulate clearly and precisely.

Table 2: CO – PO matrix for the course BFA-ABC- 307 (Communicative English)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-ABC-307.1	3	3	3	2	1	1	1	-	-	-
BFA-ABC-307.2	2	2	3	2	1	2	-	-	-	-
BFA-ABC-307.3	2	1	1	1	2	2	2	-	-	-
BFA-ABC-307.4	2	2	2	3	2	1	3	2	-	-
Average	2.25	2	2.25	2	1.5	1.5	1.5	2	-	-

Table 3: CO – PSO matrix for the course BFA- ABC- 307 (Communicative English)

	PSO1	PSO2	PSO3	PSO4
BFA-ABC-307.1	2	2	1	2
BFA-ABC-307.2	2	3	3	2
BFA-ABC-307.3	2	3	3	3
BFA-ABC-307.4	3	2	3	2
Average	2.25	2.5	2.5	2.25

Time- 3 Hrs Maximum Marks: 80+20 Internal Assessment, Credit -4

NOTE: (i) No. of Questions to be set- 06

(ii) No. of Questions to be attempted - 06

Courses of Study

a) Collection of poems edits by Dr. S.K. Sangwan.

Scheme of Examination

Q.1 Explanation with reference to the context. The candidates will be required to attempt two passages (with internal choice) from the book of poems. 08+08=16 Marks

Q.2 Short Answer type questions:

Ten short answer type questions will be set from the prescribed poems. The students will be required to attempt any five questions. 16 Marks

Q.3 Two essay type questions (with internal choice) will be set from the book of poems.

16 Marks

Q.4 Business Letters/Applications

12 Marks

Q.5 A Passage for comprehension with five questions at the end.

10 Marks

Q.6 Essay Writing. The Candidate will be required to write an essay (in about 250 words) on any of the five given topics.

10 Marks

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

- (i) Two handwritten Assignments : 10%
(1st Assignment after one month & 2nd after two months)
- (ii) One Class Test (One period duration) : 5%
- (iii) Attendance : 5%

Marks for attendance will be given as under:-

- (1) 91% onwards : 5 Marks
- (2) 81% to 90% : 4 Marks
- (3) 75% to 80% : 3 Marks
- (4) 70% to 74% : 2 Marks
- (5) 65% to 69% : 1 Marks

Theory Syllabus B.F.A (Painting) 4th Semester **w.e.f. 2021-22**

PAPER – BFA –ABC - 401: HISTORY OF EARLY WESTERN ART

(Theory) Paper – BFA –ABC - 401 - History Of Early Western Art	
Cos#	Course Outcome
BFA-ABC-401.1	Understand the developments of world Art from initial stages.
BFA-ABC-401.2	Knowledge of distinguish art historical periods.
BFA-ABC-401.3	Sharpen ability to critically analyze visual art from a stylistic, cultural, ethical, and political perspective.
BFA-ABC-401.4	Inculcate the value of tradition, period, resources and techniques in cultures of European Art.

Table 2: CO – PO matrix for the course BFA-ABC-401 (History of Early Western Art)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-ABC-401.1	2	2	-	1	1	2	-	-	2	1
BFA-ABC-401.2	2	3	1	-	1	2	1	-	1	-
BFA-ABC-401.3	2	2	2	1	-	2	-	-	2	1
BFA-ABC-401.4	2	2	2	1	2	1	-	1	1	1
Average	2	2.25	1.67	1	1.34	1.75	1	1	1.5	1

Table 3: CO – PSO matrix for the course BFA- ABC-401 (History of Early Western Art)

	PSO1	PSO2	PSO3	PSO4
BFA-ABC-401.1	2	2	1	2
BFA-ABC-401.2	2	1	3	2
BFA-ABC-401.3	2	1	2	3
BFA-ABC-401.4	2	1	3	3
Average	2	1.25	2.25	2.5

Time-3 hrs.

Maximum Marks: 80 +20 Internal Assessment, Credit - 4

Instructions:

- (i) No. of Questions to be set: 09 (02 Questions from each unit) and Question No. 01 is to be set from all over the Units i.e. short type Questions.
- (ii) No. of Questions to be attempted : 05 .Question No. 01 is compulsory
- (iii) All Questions will be of equal marks.

Details of course works:

Unit-1

Introduction to pre-historic art:

- 1 The old stone age : Altamira, Lascaux, Venus of Willendorf.
- 2 The new stone age : Stonehenge[aerial view].

The study of Egyptian art:

The old Kingdom – Pyramid of king Zoser, The pyramids of Mycerinus, Giza -The great Sphinx.

Unit -2

The study of Eastern art, Aegean art and Greek art.

Eastern art:

- 1 Sumerian art- The white temple [Ziggurat]; Statue, from the Abu temple; Ram & Tree.

Aegean art:

- 1 Minoan art- The Queen Megaron [Knossos]

Greek art: Painting [Geometric style, Orientalizing style] ; Temple [Doric, Ionic]

Unit-3

The study of Roman sculptures and painting.

The study of Early Christian and Byzantine period.

- 1 Roman sculptures and paintings.
- 2 Early Christian: Catacombs, Mosaics .
- 3 Byzantine art: Emperor Justinian and his Attendants, Interior of Hagia Sophia.

Unit-4

The study of Romanesque period and Gothic period.

1 Romanesque : Cathedral and Campanile; Sculpture [Apostle] and Painting [The battle of Hastings, St.John the Evangelist].

2 Gothic: Architecture, Sculpture, Painting

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

- (i) Two handwritten Assignments : 10%
(1st Assignment after one month & 2nd after two months)

- (ii) One Class Test (One period duration) : 5%

- (iii) Attendance : 5%

Marks for attendance will be given as under:-

- | | | | |
|-----------------|-----------|----------------|-----------|
| (1) 91% onwards | : 5 Marks | (4) 70% to 74% | : 2 Marks |
| (2) 81% to 90% | : 4 Marks | (5) 65% to 69% | : 1 Marks |
| (3) 75% to 80% | : 3 Marks | | |

Reading List:

1. Raza, Modern Painting, Skira – Useful references from plates and text.
2. Lake and Maillard – Dictionary of Modern Painting.
3. Herbert Read – A concise History of Modern Painting.
4. William Vaughan – Romantic Art.
5. European Modern Movements in Encyclopedia of World Art.
6. Leymarie – Impressionism (Skira).
7. J. Rewald – History of impressionism – Museum of Modern Art, New York.
8. J. Rewald – Post Impressionism (Both these books are indispensable for the respective periods).
9. Roger Fry – Vision and Design.
10. Madsen – Art Nouveau.
11. Deyrnat : Fauvism (good introduction also in Encyclopedia of World Art.)
12. Crespelle – The Fauves.
13. Golding – Cubism: A history and analysis – See Also : Cubism and Futurism in Encyclopedia of World Art.
14. Rosenblum – Cubism and 20th Century Art.
15. Selz : German Expressionism. For Expressionism See Also Encyclopedia of World Art.

SCULPTURE:

16. Herbert Read : (i) Modern Sculpture.
17. Herbert Read : (ii) Art of Sculpture.
18. Giedion Welcker : Contemporary Sculpture.
19. Sculpture of the 19th – 20th Centuries.

PAPER-BFA – AB - 402 METHOD & MATERIAL

(Theory) Paper-BFA – AB – 402 Method & Material	
Cos#	Course Outcome
BFA-AB-402.1	To enhance the knowledge of using different medium, preparation of making art.
BFA-AB-402.2	Inculcate the Importance of preservation & restoring method of art.
BFA-AB-402.3	Imparting Scientific Knowledge of New media art.
BFA-AB-402.4	Knowledge about trends and issues of modern 2D and 3D art forms.

Table 2: CO – PO matrix for the course BFA-AB-402 (Method & Material)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-AB-402.1	2	1	1	2	2	2	-	1	3	-
BFA-AB-402.2	2	-	-	2	1	2	-	-	3	-
BFA-AB-402.3	1	1	-	2	-	1	2	-	3	-
BFA-AB-402.4	2	1	-	1	-	-	-	-	2	1
Average	1.75	1	1	1.75	1.5	1.67	2	1	2.75	1

Table 3: CO – PSO matrix for the course BFA- AB-402 (Method & Material)

	PSO1	PSO2	PSO3	PSO4
BFA-AB-402.1	2	3	1	1
BFA-AB-402.2	1	3	2	3
BFA-AB-402.3	1	2	3	3
BFA-AB-402.4	1	2	3	2
Average	1.25	2.5	2.25	2.25

Time-3 hrs. Maximum Marks: 80 +20 Internal Assessment, Credit - 4

Instructions:

- (i) No. of Questions to be set: 09 (02 Questions from each unit) and Question No. 01 is to be set from all over the Units i.e. short type Questions.
- (ii) No. of Questions to be attempted : 05 .Question No. 01 is compulsory
- (iii) All Questions will be of equal marks.

Details of course works:**Unit-1**

Drying oils, thinners and siccative's. Practical: Mounting and Pasting of Art Works/ coating surface on paper etc.

Unit -2

Preparation of canvas, Stretching, Priming, Sizing & Preparation of other ground surfaces for the paintings.
Preservation, Restoration methods & techniques of Art works.

Unit-3

Photography: Manual & Digital, New Media- Video, Sound etc, Computer Soft wares & Hardware like Photoshop & Coral Draw.

Unit-4

Introduction to sculpture- Preparation of Clay, Relief, Terracotta, Metal Casting, Ceramic, Welding etc.

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

(i) Two handwritten Assignments : 10%
(1st Assignment after one month & 2nd after two months)

(ii) One Class Test (One period duration) : 5%

(iii) Attendance : 5%

Marks for attendance will be given as under:-

(1) 91% onwards : 5 Marks (4) 70% to 74% : 2 Marks

(2) 81% to 90% : 4 Marks (5) 65% to 69% : 1 Marks

(3) 75% to 80% : 3 Marks

Book Reading

- (i) A handbook of method & material – Ray Smith.
- (ii) Chitrana Samagree – Dr. R.K. Singh, Sahitya Sangam, Lookarganj, Allahabad, U.P. 2009
- (iii) Kala Avam Taknique – Dr. Avinash Bahadur Varma, Prakash Book Depot, Bareilly, U.P., 2011.

Practical Syllabus B.F.A. (Painting) 4th Semester **w.e.f 2021-22**

PAPER- BFA – A - 403 DRAWING

Time-6hrs. Maximum Marks-200 (Sessional-100; Examination-100)Credit 4+4 = 8
Medium: Pencil, charcoal, crayon, water colour, dry pastel etc.

Courses of study:(Same as 3rdSemester)

No. of assignments: Still life-5
Life Drawing-5
Nature Study-5
Freehand sketching-500

PAPER- BFA – A- 404 - HEAD STUDY

Time-6hrs. Maximum Marks-200 (Sessional-100; Examination-100)Credit 4+4 = 8
Medium: Pencil, charcoal, crayon, pastels

Courses of study:(Same as 3rdSemester)

No. of assignments: 5

PAPER- BFA – A- 405 - PICTORIAL COMPOSITION

Time-18 hrs. Maximum Marks-200 (Sessional-100; Examination-100)Credit 4+4 = 8
Medium: Water colour, Acrylics and Oil.

Courses of study:(Same as 3rd Semester)

No. of assignments: 5

PAPER-BFA- A- 406

PRINT MAKING

Time-18hrs.

Maximum Marks-200 (Sessional-100; Examination-100)Credit 4+4 = 8

Medium: As required.

Courses of study:(Same as 3rd Semester)

No. of assignments: 4

PAPER – BFA – ABC- 407 COMMUNICATIVE ENGLISH

(Theory) Paper – BFA – ABC- 407 Communicative English	
Cos#	Course Outcome
BFA-ABC-407.1	Aims at making the students competent in advance English learning.
BFA-ABC-407.2	Studies of literature and composition along with translation.
BFA-ABC-407.3	Developing critical and imaginative faculties of the students and the grammar aims at making the students competent in the use of English.
BFA-ABC-407.4	Students became competent in using their thoughts creatively and articulate clearly and precisely.

Table 2: CO – PO matrix for the course BFA-ABC-407 (Communicative English)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-ABC-407.1	3	3	3	2	1	1	1	-	-	-
BFA-ABC-407.2	2	2	3	2	1	2	-	-	-	-
BFA-ABC-407.3	2	1	1	1	2	2	2	-	-	-
BFA-ABC-407.4	2	2	2	3	2	1	3	2	-	-
Average	2.25	2	2.25	2	1.5	1.5	2	2	-	-

Table 3: CO – PSO matrix for the course BFA- ABC-407 (Communicative English)

	PSO1	PSO2	PSO3	PSO4
BFA-ABC-407.1	2	2	1	2
BFA-ABC-407.2	2	3	3	2
BFA-ABC-407.3	2	3	3	3
BFA-ABC-407.4	3	2	3	2
Average	2.25	2.5	2.5	2.25

Time- 3 Hrs. Maximum Marks: 80+20 Internal Assessment, Credit - 4

NOTE:

(i) No. of Questions to be set- 05

(ii) No. of Questions to be attempted - 05

(i) Synopsis (one act plays edited by Dr. S.K. Sharma).

(ii) A course book of English Grammar, Composition and translation edited by Sanjay Kumar and Inderjit Kumar.

Scheme of Examination

Q.1 Explanation with reference to the context. The candidate will be required to attempt two Passages (with internal choice) from the book of one act plays. 8 Marks

Q.2 One Essay type question will be set from the book of one act plays (with internal choice)

8 Marks

Q.3 Questions on Grammar on the prescribed items will be based on prescribed text book of grammar but not necessarily be the same as those given in the text-book.

The following topics are to be studied in detail:

1. Tenses.
2. Subject verb concord.
3. Active and Passive voice.
4. Narration.
5. Common Errors.
6. Idioms and Phrases.

48 Marks

Q.4 The candidates will be required to write an essay (in about 250 words on any of the

Five given topics.

8 Marks

Q.6 Translation (from English to Hindi) of passage consisting of seven to eight sentences.

8 Marks

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

(i) Two handwritten Assignments : 10%

(1st Assignment after one month & 2nd after two months)

(ii) One Class Test (One period duration) : 5%

(iii) Attendance : 5%

Marks for attendance will be given as under:-

(1) 91% onwards : 5 Marks (4) 70% to 74% : 2 Marks

(2) 81% to 90% : 4 Marks (5) 65% to 69% : 1 Marks

(3) 75% to 80% : 3 Marks

Theory Syllabus B.F.A. (Painting) 5th Semester **w.e.f. 2022-23**

PAPER: BFA – ABC - 501- HISTORY OF MEDIEVAL INDIAN ART

(Theory) Paper: BFA – ABC - 501- History of Medieval Indian Art	
Cos#	Course Outcome
BFA-ABC-501.1	Sharpen the ability to critically analyze the sculptures of temples.
BFA-ABC-501.2	Knowledge of traditions, location, period of Pallava& Rashtrakuta, cultures.
BFA-ABC-501.3	Study of sculpture and temples of Khajuraho and Orissa, understanding the Indian traditional art and realistic sculptures.
BFA-ABC-501.4	Knowledge about the metal sculpture & stone sculptures of Indian temples.

Table 2: CO – PO matrix for the course BFA-ABC- 501 (History of Medieval Indian Art)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-ABC-501.1	2	3	2	1	-	2	-	1	2	-
BFA-ABC-501.2	2	2	1	1	-	2	-	2	2	-
BFA-ABC-501.3	2	2	2	2	1	2	1	-	2	1
BFA-ABC-501.4	1	1	1	-	1	2	-	1	2	-
Average	1.75	2	1.5	1.34	1	2	1	1.34	2	1

Table 3: CO – PSO matrix for the course BFA- ABC- 501 (History of Medieval Indian Art)

	PSO1	PSO2	PSO3	PSO4

BFA-ABC-501.1	3	2	3	1
BFA-ABC-501.2	3	1	3	2
BFA-ABC-501.3	2	2	3	1
BFA-ABC-501.4	2	3	2	2
Average	2.5	2	2.75	1.5

Time: 3 Hrs. Maximum Marks: 80 +20 Internal Assessment Credit - 4

Instructions:

- (i) No. of Questions to be set: 09 (02 Questions from each unit) and Question No. 01 is to be set from all over the Units i.e. short type Questions.
- (ii) No. of Questions to be attempted : 05 .Question No. 01 is compulsory
- (iii) All Questions will be of equal marks.

Details of course works:

Painting, Sculptures: [from 8th -11th century AD onwards]

Unit-1

Early Structural temples:

The study of different Style of temple –Nagar style, Dravid style, Besar style.

The study of Temples: Orissa (Rajarani temple, Lingraj temple, Jagannath temple, Konark temple) , Rajasthan (Mount Abu temple).

Unit -2

Pallava & Rashtrakuta

The study of temple in Pallava period and Rashtrakuta period.

The study of pillar, structure and construction of pillar.

Plan and elevation of temple, inscription of temple, example of relief panel.

Unit-3

Central Indian art, Khajuraho

The study of style and architecture of temple.

The interior, plan and elevation of different temple.

The sculptures of the khajuraho temples

Unit-4

The Palas and Senas

The study of Buddhist , Brahmnical sculpture and Painting.

The study of manuscripts illustrated in Bengal, Bihar and Orissa.

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

- (i) Two handwritten Assignments : 10%
(1st Assignment after one month & 2nd after two months)
- (ii) One Class Test (One period duration) : 5%
- (iii) Attendance : 5%

Marks for attendance will be given as under:-

- (1) 91% onwards : 5 Marks
- (2) 81% to 90% : 4 Marks
- (3) 75% to 80% : 3 Marks
- (4) 70% to 74% : 2 Marks
- (5) 65% to 69% : 1 Marks

Reading List

1. Bhartiya Chitra Kala Ka Itihas- Vachaspati Gairola.
2. Bhartiya Chitrakala Ka Itihas- Avinash Bahadur verma.
3. Rupa prada Kala Ke Muladhar- R. A. agrawal and S. K. Sharma
4. Bhartiya Murtikala_ Ramanath Mishra.
5. Bhartiya Kala- A. L. Srivastava.
6. Bhartiya Chitrangan- R. K. Vishwakarma.
7. dyk bfrgl Hkjr; vlg ik'pkr; & jkeplnz ukjk; .k ikVdj
8. Hkjr; fp=dyk , oaeir dyk dk bfrgl & Mko jhrk irki
9. dyk foykl & Hkjr; fp=dyk dk fodkl & vkj0 , 0 vxoky
10. Hkjr dh fp=dyk dk l fklr bfrgl & Mko ykds plnz 'kekz

PAPER:- BFA – ABC- 502- HISTORY OF MEDIEVAL WESTERN ART

(Theory) Paper:- BFA – ABC- 502- History of Medieval Western Art	
Cos#	Course Outcome
BFA-ABC-502.1	Knowledge of distinguish between art historical period, prehistoric to medieval.
BFA-ABC-502.2	Enhance to identify individual work of art by European Masters.
BFA-ABC-502.3	Study about the dramatically use of Light in Art with the reference of European Master Painters works.
BFA-ABC-502.4	Comprehend the advancement of art for aesthetic pleasure and to beautify the world.

Table 2: CO – PO matrix for the course BFA-ABC-502 (History of Medieval Western Art)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-ABC-502.1	2	2	1	1	-	1	-	-	2	1
BFA-ABC-502.2	1	2	1	1	-	1	-	-	1	-
BFA-ABC-502.3	-	3	-	-	1	-	1	1	2	-
BFA-ABC-502.4	2	1	2	1	2	-	-	-	1	-
Average	1.67	2	1.34	1	1.5	1	1	1	1.5	1

Table 3: CO – PSO matrix for the course BFA- ABC-502 (History of Medieval Western Art)

	PSO1	PSO2	PSO3	PSO4
BFA-ABC-502.1	2	2	2	1
BFA-ABC-502.2	2	2	2	1
BFA-ABC-502.3	2	2	1	2
BFA-ABC-502.4	3	3	3	3
Average	2.25	2.25	2	1.75

Time: 3 Hrs. Maximum Marks: 80 +20 Internal Assessment Credit -4

Instructions:

- (i) No. of Questions to be set: 09 (02 Questions from each unit) and Question No. 01 is to be set from all over the Units i.e. short type Questions.
- (ii) No. of Questions to be attempted : 05 .Question No. 01 is compulsory
- (iii) All Questions will be of equal marks.

Details of course works:

Unit-1

Renaissance: Early, Middle & High

The study of Renaissance Artists & their works.

Renaissance Artist: Masaccio, Donatello, Andrea Montegna, Sandro Botticelli, Leonardo, Michelangelo, Raphael.

Unit -2

Mannerism:

The study of mannerism Artists and their Work.

Mannerism Artists: Titian, Rosso, El Greco, Bologna, Cellini, Giusepp

Unit-3

Baroque: The study of baroque artist and his work.

Baroque Artist : Rembrandt, Vermeer, Rubens, Caravaggio,

Unit-4

Rococo: The study of Rococo Artist and his work.

Rococo Artist: Boucher, Gainsborough, Hogarth, Reynolds.

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

(i) Two handwritten Assignments : 10%

(1st Assignment after one month & 2nd after two months)

(ii) One Class Test (One period duration) : 5%

(iii) Attendance : 5%

Marks for attendance will be given as under:-

(1) 91% onwards : 5 Marks (4) 70% to 74% : 2 Marks

(2) 81% to 90% : 4 Marks (5) 65% to 69% : 1 Marks

(3) 75% to 80% : 3 Marks

Reading List:

1. Raza, Modern Painting, Skira – Useful references from plates and text.
2. Lake and Maillard – Dictionary of Modern Painting.
3. Herbert Read – A concise History of Modern Painting.
4. William Vaughan – Romantic Art.
5. European Modern Movements in Encyclopedia of World Art.
6. Leymarie – Impressionism (Skira).
7. J. Rewald – History of Impressionism – Museum of Modern Art, New York.
8. J. Rewald – Post Impressionism (Both these books are indispensable for the respective periods).
9. Roger Fry – Vision and Design.
10. Madsen – Art Nouveau.
11. Deymattie : Fauvism (good introduction also in Encyclopedia of World Art.)

SCULPTURE:

12. Herbert Read : (i) Modern Sculpture.
13. Herbert Read : (ii) Art of Sculpture.

PAPER: BFA – AC – 503, AESTHETICS (Indian)

(Theory) Paper: BFA – AC – 503, Aesthetics (Indian)	
Cos#	Course Outcome
BFA-AC-503.1	Knowledge of critically analyze & studying the concept of Satyam, Shivam, Sundaram.
BFA-AC-503.2	Imparting knowledge of Rasa theory by different Indian philosophers.
BFA-AC-503.3	Increase the ability of students to analyze, the differences in Art.
BFA-AC-503.4	Enhancing the study of philosophies, is the basis to understand and evaluate the art aesthetically.

Table 2: CO – PO matrix for the course BFA-AC-503 (Aesthetics) Indian

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-AC-503.1	2	1	2	2	-	2	2	-	-	-
BFA-AC-503.2	2	-	1	1	2	1	2	-	-	-
BFA-AC-503.3	-	1	1	-	1	1	-	2	1	1

BFA-AC-503.4	1	2	2	1	-	2	1	-	-	-
Average	1.67	1.34	1.5	1.34	1.5	1.5	1.67	2	1	1

Table 3: CO – PSO matrix for the course BFA- AC-503 (Aesthetics) Indian

	PSO1	PSO2	PSO3	PSO4
BFA-AC-503.1	3	2	3	1
BFA-AC-503.2	3	2	1	2
BFA-AC-503.3	2	2	2	1
BFA-AC-503.4	3	1	2	2
Average	2.75	1.75	2	1.5

Time: 3 Hrs. Maximum Marks: 80 +20 Internal Assessment Credit - 4

Instructions:

- No. of Questions to be set: 09 (02 Questions from each unit) and Question No. 01 is to be set from all over the Units i.e. short type Questions.
- No. of Questions to be attempted : 05 .Question No. 01 is compulsory
- All Questions will be of equal marks.

Details of course works:

Unit-1

An introduction to Indian Aesthetics and its brief historical background.

Brief introduction to the basic principles of Indian philosophy as related to arts, Meaning & definition of Beauty & ugliness, concept of truth, beauty, and goodness (Satyam,Shivam, Sundaram).

Unit -2

Rasa-Nishpatti Theory of Bharat Muni, its forms.

Types of Rasa, Types of Bhaav.

Developments of rasa theory (Abhinav Gupta, Bhatt Nayak, Bhatt Lollat, Shankuk).

Unit-3

Dhwani theory, Alankar, Auchitya, Riti

Unit-4

Shadanga – The six limbs of Indian Art (Roop Bheda, Praman, Bhava, Lavanya Yojana, Sadrishya, Varnika Bhanga)

Iconography of Ancient Indian Art.

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

- Two handwritten Assignments : 10%
(1st Assignment after one month & 2nd after two months)
- One Class Test (One period duration) : 5%
- Attendance : 5%

Marks for attendance will be given as under:-

- | | | | | | |
|-----------------|---|---------|----------------|---|---------|
| (1) 91% onwards | : | 5 Marks | (4) 70% to 74% | : | 2 Marks |
| (2) 81% to 90% | : | 4 Marks | (5) 65% to 69% | : | 1 Marks |
| (3) 75% to 80% | : | 3 Marks | | | |

Suggested Book

- Encyclopedia of Aesthetics

2. Aesthetic meaning – Rekha Jhanji
3. Philosophy of Art – Aldrich Virgil
4. Introductory Readings in Aesthetics – Hospers John.
5. Visual Culture by Redrick.
6. Aesthetic Theory and Art – Ranjan K. Ghosh
- 9- j l fl) k l r , o a l k n ; l ' k k L = % M k O u x d n z
- 10- H k k j r h ; l k n ; l ' k k L = % j k e y [k u ' k p y
- 11- n ' k L f n X n ' k L % j k g y l k d r k ; u
- 12- H k k j r h ; l k n ; Z k k L = d h H k k e d k % M k O u x d n z
- 13- l t n j e % g f j } k j h y k y ' k e k z
- 14- H k k j r h ; n ' k L - , l - , u - n k l x d r k

Practical Syllabus B.F.A.(Painting) 5th Semester **w.e.f 2022-23**

PAPER-BFA- A- 504

HEAD STUDY AND DRAWING FROM LIFE

(Practical) Paper-BFA- A- 504 Head Study and Drawing from Life	
Cos#	Course Outcome
BFA-A-504.1	Knowledge of acquiring skills associated with the use of painting medium & supports.
BFA-A-504.2	Colours treatment & study of human body, form, shape, rhythm, and curves.
BFA-A-504.3	Advance study of developing skills and patients.
BFA-A-504.4	Practicing with different medium impart the knowledge of art techniques.

Table 2: CO – PO matrix for the course BFA-A-504 (Head Study & Drawing from life)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-A-504.1	1	2	-	2	2	2	-	-	3	1
BFA-A-504.2	-	1	-	-	1	2	-	1	3	-
BFA-A-504.3	-	1	1	-	2	-	1	-	3	-
BFA-A-504.4	1	2	-	1	1	2	-	-	3	1
Average	1	1.5	1	1.3	1.5	2	1	1	3	1

Table 3: CO – PSO matrix for the course BFA- A-504 (Head Study & Drawing from life)

	PSO1	PSO2	PSO3	PSO4
BFA-A-504.1	2	3	3	2
BFA-A-504.2	1	3	2	1
BFA-A-504.3	2	3	2	2
BFA-A-504.4	3	3	3	2
Average	2	3	2.5	1.75

Maximum Marks-100 (Sessional) Credit - 4

Medium: Pencil, ink, charcoal, crayons, water colour, pastels, oil colours etc.

Courses of study:

Analytical Drawing: drawing as an art form, formation of style.

(a) Head Study: Detailed study of structural characters of human head

- (b) Life Drawing: study of features, drawings in various media with emphasis on manner of execution.
- (c) Full figure: Study of the human form and its features, proportion, line and mass.

No. of assignments: Portrait -03, Life- 03; Freehand sketching-500.

PAPER- BFA – A- 505 COMPOSITION

(Practical) Paper- BFA – A- 505 Composition	
Cos#	Course Outcome
BFA-A-505.1	Increased knowledge of using the pictorial element in art.
BFA-A-505.2	Application of Different art mediums to understand the Colour, forms, tones & proportions.
BFA-A-505.3	Enhancing and build foundation of a more singular or personal approach to painting.
BFA-A-505.4	Enhance to visualize artistic skill inputs for Creative painting.

Table 2: CO – PO matrix for the course BFA-A-505 (Composition)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-A-505.1	-	1	-	-	-	2	2	-	2	-
BFA-A-505.2	-	2	-	2	2	1	1	1	2	2
BFA-A-505.3	-	2	-	1	1	1	1	-	3	1
BFA-A-505.4	1	1	-	1	-	1	-	-	3	-
Average	1	1.5	-	1.34	1.5	1.25	1.34	1	2.5	1.5

Table 3: CO – PSO matrix for the course BFA- A-505 (Composition)

	PSO1	PSO2	PSO3	PSO4
BFA-A-505.1	2	3	2	3
BFA-A-505.2	1	3	2	2
BFA-A-505.3	2	3	3	2
BFA-A-505.4	3	3	2	2
Average	2	3	2.25	2.25

Maximum Marks-100 (Sessional) Credit 4

Medium: Oil and water colours.

Courses of study:

Pictorial space and horizon line, arrangements in 2-D and 3-D, sub-division and grouping, compositions based on objects, figures, interiors and landscape. Copy with suitable change in miniature and folk art. Using own style in their composition.

No. of assignments: 04

PAPER-BFA – A- 506 PRINTMAKING

(Practical) Paper-BFA – A- 506 Printmaking	
Cos#	Course Outcome
BFA-A-506.1	Imparting knowledge of printmaking medium as a creative and individual expression.
BFA-A-506.2	Knowledge of using Printmaking Methods and techniques with application skills
BFA-A-506.3	Understand the forms, tones, materials & proportions for printmaking method.
BFA-A-506.4	Scientific and logical knowledge of technical development.

Table 2: CO – PO matrix for the course BFA-A-506 (Printmaking)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-A-506.1	-	2	-	-	1	2	-	-	3	-
BFA-A-506.2	-	2	-	-	-	2	-	-	3	-
BFA-A-506.3	-	3	-	1	-	1	1	-	2	1
BFA-A-506.4	1	2	-	1	1	1	-	-	2	-
Average	1	2.25	-	1	1	1.5	1	-	2.5	1

Table 3: CO – PSO matrix for the course BFA- A-506 (Printmaking)

	PSO1	PSO2	PSO3	PSO4
BFA-A-506.1	3	3	2	2
BFA-A-506.2	1	3	2	2
BFA-A-506.3	2	3	2	1
BFA-A-506.4	1	2	3	2
Average	1.75	2.75	2.25	1.75

Maximum Marks-100 (Sessional) Credit 4**Courses of study:**

- * Advanced Work in Intaglio Process in Acrylic surface ,Mount Board surfaces Different wood surfaces, work in Colour process by using rollers.
- * Technique of Chine Cole and A la Pope Process in Intaglio work.
- * Introduction to Serigraphy process or stencil process , making screen frames , Ink mixing , colour registration printing and wide verity of results from the process, and making multicolour prints in Direct process

No. of assignments: 4**PAPER- BFA – A- 507 - NATURE STUDY****(Practical) Paper- BFA – A- 507 Nature Study**

Cos#	Course Outcome
BFA-A-507.1	Knowledge to make assessments of effectiveness in Nature studies.
BFA-A-507.2	Enhance outdoor live landscape method with space division and balance objects.
BFA-A-507.3	Application of different art mediums to understand the Colour, forms, tones & proportions.
BFA-A-507.4	Knowledge of analyze work of art, perceptively and critically, and convincingly form the value judgment of work done.

Table 2: CO – PO matrix for the course BFA-A-507 (Natural Study)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-A-507.1	-	2	-	1	2	2	-	-	3	2
BFA-A-507.2	-	2	-	-	1	2	-	-	3	-
BFA-A-507.3	2	3	-	1	1	2	-	1	2	-
BFA-A-507.4	1	2	-	-	-	2	2	2	3	1
Average	1.5	2.25	-	1	1.34	2	2	1.5	2.75	1.5

Table 3: CO – PSO matrix for the course BFA-A-507 (Natural Study)

	PSO1	PSO2	PSO3	PSO4
BFA-A-507.1	2	3	1	3
BFA-A-507.2	2	3	2	2
BFA-A-507.3	2	3	2	1

BFA-A-507.4	3	2	3	3
Average	2.25	2.75	2	2.25

Maximum Marks-100 (Sessional) Credit 4

Courses of study:

Different outdoor study, study of perspective, architecture and nature.
Minimum size – 22 x28 inch or 24x30 inch.

No. of assignments: Water Colour – 5, Oil /Acrylic -03

BFA – OE -508 ----- Open Elective ----- EXAM

Maximum Marks-50 (Sessional) Credit - 2

Note - Subject Opted from other departments of Kurukshetra University, Kurukshetra

Theory Syllabus B.F.A. (Painting) 6th Semester
w.e.f 2022-23

PAPER: BFA – ABC - 601-HISTORY OF MEDIEVAL INDIAN ART

(Theory) Paper: BFA – ABC – 601 -History of Medieval Indian Art	
Cos#	Course Outcome
BFA-ABC-601.1	Knowledge of Medieval Indian Art, Progress, concept and promotion of Religion through art.
BFA-ABC-601.2	Enhancing knowledge of several cultures and periods in the history of Indian art.
BFA-ABC-601.3	Imparting to demonstrate advanced level skills in theory, analysis and criticism.
BFA-ABC-601.4	Knowledge of Indian culture & art traditions in medieval Indian art.

Table 2: CO – PO matrix for the course BFA-ABC-601 (History of Medieval Indian Art)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-ABC-601.1	2	3	2	1	-	2	-	1	2	-
BFA-ABC-601.2	2	2	1	1	-	2	-	2	2	-
BFA-ABC-601.3	2	2	2	2	1	2	1	-	3	1
BFA-ABC-601.4	1	1	1	-	1	2	-	1	2	-
Average	1.75	2	1.5	1.34	1	2	1	1.34	2.25	1

Table 3: CO – PSO matrix for the course BFA- ABC-601 (History of Medieval Indian Art)

	PSO1	PSO2	PSO3	PSO4
BFA-ABC-601.1	3	1	2	3
BFA-ABC-601.2	3	2	3	1
BFA-ABC-601.3	3	3	1	2
BFA-ABC-601.4	2	1	3	2
Average	2.75	1.75	2.25	2

Time: 3 Hrs. Maximum Marks: 80 +20 Internal Assessment Credit - 4

Instructions:

- (i) No. of Questions to be set: 09 (02 Questions from each unit) and Question No. 01 is to be set from all over the Units i.e. short type Questions.
- (ii) No. of Questions to be attempted : 05 .Question No. 01 is compulsory
- (iii) All Questions will be of equal marks.

Details of course works:

Unit-1

Gupta & Rastrakuta Period
Ajanta, Ellora & Elephanta

Unit -2

Art in South India : Hellebid., Bellur, Chola Bronze Sculptures,
Vijaynagara Period

Unit-3

The study of Jain Manuscript Painting.
The study of Rajasthani paintings of different style : Mewar , Bundi, Kota, Jaipur, Kishangarh & Bikaner

Unit-4

The study of Mughal paintings- Akbar, Jahangir & Shahjahan Period
The study of Pahari Paintings - Kangra, Basohli, Chamba and Guler.

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

- (i) Two handwritten Assignments : 10%
(1st Assignment after one month & 2nd after two months)
 - (ii) One Class Test (One period duration) : 5%
 - (iii) Attendance : 5%
- Marks for attendance will be given as under:-
- | | | | |
|-----------------|-----------|----------------|-----------|
| (1) 91% onwards | : 5 Marks | (4) 70% to 74% | : 2 Marks |
| (2) 81% to 90% | : 4 Marks | (5) 65% to 69% | : 1 Marks |
| (3) 75% to 80% | : 3 Marks | | |

Reading List

1. Bhartiya Chitra Kala Ka Itihas- Vachaspati Gairola.
2. Bartiya Chitrakala Ka Itihas- Avinash Bahadur verma.
3. Rupa prada Kala Ke Muladhar- R. A. agrawal and S. K. Sharma
4. Bhartiya Murtikala_ Ramanath Mishra.
5. Bhartiya Kala- A. L. Srivastava.
6. Bhartiya Chitrangan- R. K. Vishwakarma.
7. A History of far Eastern Art - Thames and Hudson
8. dyk bfrgkl Hkkjrh; vlg ik'pkr; & jkeplnz ukjk; .k iKVdj
9. Hkkjrh; fp=dyk ,oaeifrZdyk dk bfrgkl & Mko jhrk irki
10. dyk foykl & Hkkjrh; fp=dyk dk fodkl & vkj0 ,0 vxoky
11. Hkkjr dh fp=dyk dk l fklr bfrgkl & Mko ykdsk plnz 'kelZ

PAPER: BFA – ABC – 602 HISTORY OF MEDIEVAL WESTERN ART

(Theory) Paper: BFA – ABC – 602 History of Medieval Western Art	
Cos#	Course Outcome
BFA-ABC-602.1	Knowledge to possess general studies of ancient classical history, & growth in European art.
BFA-ABC-602.2	Enhance to understand major monuments, artist, method and theories, and able to assess the qualities of historical and cultural settings.
BFA-ABC-602.3	Artists exaggerated emotionalism and exotic matter of romanticism in Medieval art.
BFA-ABC-602.4	Imparting knowledge of theoretical and methodological approaches to generate new approaches to the history of representation, broader socio – cultural perspectives.

Table 2: CO – PO matrix for the course BFA-ABC-602 (History of Medieval Western Art)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-ABC-602.1	2	2	1	1	-	1	-	-	2	1
BFA-ABC-602.2	1	2	1	1	-	1	-	-	1	-
BFA-ABC-602.3	-	3	-	-	1	-	1	1	2	-
BFA-ABC-602.4	2	1	2	1	2	-	-	-	1	-
Average	1.67	1.75	1.34	1	1.5	1	1	1	1.25	1

Table 3: CO – PSO matrix for the course BFA- ABC-602 (History of Medieval Western Art)

	PSO1	PSO2	PSO3	PSO4
BFA-ABC-602.1	3	1	3	2
BFA-ABC-602.2	3	2	3	2
BFA-ABC-602.3	2	3	2	2
BFA-ABC-602.4	3	2	2	2
Average	2.75	2	2.5	2

Time: 3 Hrs. Maximum Marks: 80 +20 Internal Assessment, Credit - 4

Instructions:

- (i) No. of Questions to be set: 09 (02 Questions from each unit) and Question No. 01 is to be set from all over the Units i.e. short type Questions.
- (ii) No. of Questions to be attempted : 05 .Question No. 01 is compulsory
- (iii) All Questions will be of equal marks.

Details of course works:

Unit-1

Neo Classism:

The study of Neo Classism artist and their works.

Artists : David, Ingres, Copley, Kauffmann.

.

Unit -2

Romanticism:

The study of Romanticism artists and their works.

Romanticism artists : George Grosz, Goya, Delacroix, Gericault.

Unit-3

Realism:

The study of Realism artist and their works.

Realism Artists : Courbet, Daumier, Eduard Manet, , Corot, Auguste Rodin.

Unit-4

Realism Artist :Augusta Millet, Homer , Rousseau,
Pre Raphaelite & Brotherhood.

Donatello, Rossetti, William Holman Hunt, John Everett Millais,

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

(i) Two handwritten Assignments : 10%

(1st Assignment after one month & 2nd after two months)

(ii) One Class Test (One period duration) : 5%

(iii) Attendance : 5%

Marks for attendance will be given as under:-

(1) 91% onwards : 5 Marks (4) 70% to 74% : 2 Marks

(2) 81% to 90% : 4 Marks (5) 65% to 69% : 1 Marks

(3) 75% to 80% : 3 Marks

Reading List:

1. Raza, Modern Painting, Skira – Useful references from plates and text.
2. Lake and Maillard – Dictionary of Modern Painting.
3. Herbert Read – A concise History of Modern Painting.
4. William Vaughan – Romantic Art.
5. European Modern Movements in Encyclopedia of World Art.
6. Leymarie – Impressionism (Skira).
7. J. Rewald – History of impressionism – Museum of Modern Art, New York.
8. J. Rewald – Post Impressionism (Both these books are indispensable for the respective periods).
9. Roger Fry – Vision and Design.
10. Madsen – Art Nouveau.
11. Deymatt : Fauvism (good introduction also in Encyclopedia of World Art.)
12. Crespelle – The Fauves.
13. Golding – Cubism: A history and analysis – See Also : Cubism and Futurism in Encyclopaedia of World Art.
14. Rosenblum – Cubism and 20th Century Art.

SCULPTURE:

15. Herbert Read : (i) Modern Sculpture.
16. Herbert Read : (ii) Art of Sculpture.
17. Giedion Welcker : Contemporary Sculpture.
18. Sculpture of the 19th – 20th Centuries.

PAPER: BFA –AC-603-AESTHETICS (Indian)

(Theory) Paper: BFA –AC- 603- Aesthetics (Indian)	
Cos#	Course Outcome
BFA-AC-603.1	Knowledge about Indian Philosophy, rich cultural heritage, will enhance the self-respect and value of our ancient scripture.
BFA-AC-603.2	Students will be aware about Indian Philosophy and our rich culture.
BFA-AC-603.3	Getting the historical knowledge about art and its rules in ancient time.
BFA-AC-603.4	Students will learn to feel pleasure from a work of art. Enhancing the Knowledge of Criticism in Art.

Table 2: CO – PO matrix for the course BFA-AC-603 (Aesthetic) Indian

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-AC-603.1	2	1	2	2	-	2	2	-	-	-
BFA-AC-603.2	2	2	3	1	2	1	2	-	-	1

BFA-AC-603.3	-	1	1	-	1	1	-	2	1	1
BFA-AC-603.4	1	3	2	1	-	2	1	-	1	-
Average	1.67	1.75	2	1.34	1.5	1.5	1.67	2	1	1

Table 3: CO – PSO matrix for the course BFA- AC-603 (Aesthetic) Indian

	PSO1	PSO2	PSO3	PSO4
BFA-AC-603.1	2	2	3	1
BFA-AC-603.2	3	1	2	2
BFA-AC-603.3	3	2	3	1
BFA-AC-603.4	2	2	2	2
Average	2.5	1.75	2.5	1.5

Time: 3 Hrs. Maximum Marks: 80 +20 Internal Assessment, Credit – 4.

Instructions:

- No. of Questions to be set: 09 (02 Questions from each unit) and Question No. 01 is to be set from all over the Units i.e. short type Questions.
- No. of Questions to be attempted : 05 .Question No. 01 is compulsory
- All Questions will be of equal marks.

Details of course works:

Unit-1

Adwaitvad (Aadi Shankaracharya) Dwaitvad (Sant Madhwacharya), Vishitadwaitavad (Ramanujacharya), General concept of Vedas (Rig Veda, Sam Veda, Yajur Veda, Atharwa Veda).

Unit -2

Shastra (Sankhya, Nyay, Yog, Vedanta, Vaisheshik, Mimansa) .Philosophy of Bhakti yoga, Karmayoga, Gyanyoga, Hathyoga, Buddhism, Jainism, Sikhism.

Unit-3

Fundamentals of Indian Art based on Hindu Shilpa Texts: Vishnudharmottara Puran, Samarangana, Sutradhar, Sukranitisara and Shilparatnam, Chitrasutram.

Unit-4

Inter-relationship of Visual and Performing Art, Art & Aesthetic Pleasure, Guna Dosh of an Art work, Types of Critics (Alochak).

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

- Two handwritten Assignments : 10%
(1st Assignment after one month & 2nd after two months)
 - One Class Test (One period duration) : 5%
 - Attendance : 5%
- Marks for attendance will be given as under:-
- | | | | |
|-----------------|-----------|----------------|-----------|
| (1) 91% onwards | : 5 Marks | (4) 70% to 74% | : 2 Marks |
| (2) 81% to 90% | : 4 Marks | (5) 65% to 69% | : 1 Marks |
| (3) 75% to 80% | : 3 Marks | | |

Suggested Book

- Encyclopedia of Aesthetics
- Aesthetic meaning – Rekha Jhanji
- Philosophy of Art – Aldrich Virgil
- Introductory Readings in Aesthetics – Hospers John.

5. Visual Culture by Redrick.
6. Aesthetic Theory and Art – Ranjan K. Ghosh
- 9- j l fl) k l r , o a l k n ; l ' k k L = % M k u u x l n z
- 10- H k j r h ; l k n ; l ' k k L = % j k e y [k u ' k p y
- 11- n ' k u f n x n ' k u % j k g y l k r k ; u
- 12- H k j r h ; l k n ; l ' k k L = d h H k e d k % M k u u x l n z
- 13- d y k f o o p u % d e k j f o e y
- 14- l t n j e % g f j j k j h y k y ' k e l z
- 15- H k j r h ; n ' k u - , l - , u - n k l x l r k

Practical Syllabus B.F.A.(Painting) 6th Semester

PAPER-BFA- A- 604- HEAD STUDY AND DRAWING FROM LIFE

Time-18hrs.

Maximum Marks-200 (Sessional-100; Examination-100)Credit 4+4 = 8

Medium: Pencil, ink, charcoal, crayons, water colour, pastels, oil colours etc.

Courses of study:(Same as 5th Semester)

No. of assignments: Portrait -02, Life- 02; Freehand sketching-500.

Paper- BFA – A- 605- COMPOSITION

Time-18 hrs.

Maximum Marks-200 (Sessional-100; Examination-100)Credit 4+4 = 8

Medium: Oil and water colours.

Courses of study:(Same as 5th Semester)

No. of assignments: 4

PAPER-BFA – A- 606 PRINTMAKING

Time-18 hrs.

Maximum Marks-200 (Sessional-100; Examination-100)Credit 4+4 = 8

Courses of study:(Same as 5th Semester)

No. of assignments: 4

PAPER- BFA – A- 607- NATURE STUDY_____

Time-6 hrs.

Maximum Marks-200 (Sessional-100; Examination-100)Credit 4+4 = 8

Courses of study:(Same as 5th Semester)

No. of assignments: Water Colour – 5, Oil /Acrylic -02

PAPER- BFA – A- 708 - ART INTERNSHIP

(Practical) Paper- BFA – A- 708 Art Internship	
Cos#	Course Outcome
BFA-A-708.1	Conceptualize the role and developmental nature of experimental learning in art.
BFA-A-708.2	Enhances to promote the coordination of experimental learning programs and integration of experimental learning in to total curriculum.

BFA-A-708.3	Understanding to establish and maintain relationship with national and regional associations concerned with Art education.
BFA-A-708.4	Developing theoretical insights and practical applications to the course as a whole and to external group contributions and individual skills.

Table 2: CO – PO matrix for the course BFA-A-708 (Art Internship)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-A-708.1	2	2	-	1	1	3	2	2	3	2
BFA-A-708.2	1	3	1	2	1	3	2	2	2	-
BFA-A-708.3	1	2	-	2	-	2	1	2	2	-
BFA-A-708.4	2	1	-	-	-	2	2	1	2	-
Average	1.5	2	1	1.67	1	2.5	1.75	1.75	2.25	2

Table 3: CO – PSO matrix for the course BFA- A-708 (Art Internship)

	PSO1	PSO2	PSO3	PSO4
BFA-A-708.1	3	3	2	3
BFA-A-708.2	2	3	2	2
BFA-A-708.3	1	2	2	3
BFA-A-708.4	1	3	3	2
Average	1.75	2.75	2.25	2.5

Time- 1 Month Maximum Marks-100 Credit -4

Course of Study:

After the completion of BFA 3rd Year (6th Semester) exam, students must to go for “Art Internship” to any Professional Artist, Art Studios, Art Museums, Art Galleries, Folk Artist, Crafts Man, Art Industries & Design Institutes, etc., at-least for 1 month during summer vacation and they have to produce a “Certificate” of Internship issued by the concerned Authority, Art work done during internship with attendance proof.

Note: The Evaluation Marks will be added in 7th Semester DMC.

Theory Syllabus B.F.A (Painting) 7th Semester **w.e.f. 2023-24**

PAPER:-BFA – ABC – 701- HISTORY OF MODERN INDIAN ART

(Theory)Paper:- BFA – ABC – 701 History of Modern Indian Art	
Cos#	Course Outcome
BFA-ABC-701.1	Studying important different art forms and styles, to understand Indian Cultural Phenomenon.
BFA-ABC-701.2	Enhancing the knowledge of historical importance of Tagore family and Contributions in Indian Art.
BFA-ABC-701.3	Analytical study of different Modern Indian Artist and their work details, helps to know the development in Indian Art.
BFA-ABC-701.4	Analytical study of different Modern Indian Mumbai based Artist and their work details, helps to know the development in Indian Art

Table 2: CO – PO matrix for the course BFA-ABC-701 (History of Modern Indian Art)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-ABC-701.1	2	3	2	1	-	3	1	-	1	1

BFA-ABC-701.2	1	3	1	2	-	2	2	-	1	-
BFA-ABC-701.3	2	3	1	2	-	2	1	2	2	-
BFA-ABC-701.4	1	2	1	-	-	2	-	1	2	-
Average	1.5	2.75	1.25	1.67	-	2.25	1.34	1.5	1.5	1

Table 3: CO – PSO matrix for the course BFA- ABC-701 (History of Modern Indian Art)

	PSO1	PSO2	PSO3	PSO4
BFA-ABC-701.1	2	2	2	3
BFA-ABC-701.2	3	1	2	2
BFA-ABC-701.3	1	2	3	2
BFA-ABC-701.4	2	3	3	2
Average	2	2	2.5	2.25

Time: 3 Hrs. Maximum Marks: 80 +20 Internal Assessment Credit - 4

Instructions:

- No. of Questions to be set: 09 (02 Questions from each unit) and Question No. 01 is to be set from all over the Units i.e. short type Questions.
- No. of Questions to be attempted : 05 .Question No. 01 is compulsory
- All Questions will be of equal marks.

Details of course works:

Unit-1

Brief study of Company School
Tanjore School of Paintings
The study of kalighat painting.
Establishment of art Institutions in India

Unit -2

The brief study of Bengal school and artist & their works.
Bengal School: Abanindranath Tagore , Nandalal Bose,
The study of famous Artist Rabindra Nath Tagore, Gaganendra Nath Tagore, Jamini Roy,

Unit-3

Indian Modern Artist- Raja Ravi Verma , Amrita Shergill.
The brief study of Progressive artist and their work.
Progressive Artist group: M.F. Husain, F.N. Souza, S.H.Raza, K.H.Ara

Unit-4

Artist of Mumbai: Akbar Padamsee, Tyeb Mehta, Jahangir Sabavala, Ram Kumar.
Tantric art – G.R. Santosh, Biren Dey, K.C.S Pannikar

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

- Two handwritten Assignments : 10%
(1st Assignment after one month & 2nd after two months)
- One Class Test (One period duration) : 5%
- Attendance : 5%

Marks for attendance will be given as under:-

- | | | | | | |
|-----------------|---|---------|----------------|---|---------|
| (1) 91% onwards | : | 5 Marks | (4) 70% to 74% | : | 2 Marks |
| (2) 81% to 90% | : | 4 Marks | (5) 65% to 69% | : | 1 Marks |
| (3) 75% to 80% | : | 3 Marks | | | |

Reading List

1. Bhartiya Chitra Kala Ka Itihas- Vachaspati Gairola.
2. Bartiya Chitrakala Ka Itihas- Avinash Bahadur verma.
3. Rupa prada Kala Ke Muladhar- R. A. agrawal and S. K. Sharma
4. Bhartiya Murtikala_ Ramanath Mishra.
5. Bhartiya Kala- A. L. Srivastava.
6. Bhartiya Chitrangan- R. K. Vishwakarma.
7. Arts and Architecture of India - Benjamin Rowland
8. History of Indian Art - Haumtington
9. dyk bfrgl Hkjr; vj ik'pkr; & jkeplnz ukj; .k ikvdj
10. Hkjr; fp=dyk ,oafirzdyk dk bfrgl & Mko jhrk irki
11. dyk foykl & Hkjr; fp=dyk dk fodkl & vkj0 ,0 vxoky
12. Hkjr dh fp=dyk dk l fklr bfrgl & Mko ykds plnz 'kelz

PAPER: BFA – ABC- 702HISTORY OF MODERN WESTERN ART

(Theory) Paper: BFA – ABC- 702 History Of Modern Western Art	
Cos#	Course Outcome
BFA-ABC-702.1	Knowledge to demonstrate visual recognition and identification of significant artwork of western tradition.
BFA-ABC-702.2	Enhances to demonstrate increasing skill of visual analysis appropriate to describing and explaining artworks from a variety of historical contexts.
BFA-ABC-702.3	Knowledge to demonstrate creative and critical thinking, visual analysis, integration of theoretical perspectives.
BFA-ABC-702.4	Inculcation to demonstrate a theoretical, historiography, and professional understanding of the discipline of Art History and apply this understanding to explaining and solving research problems.

Table 2: CO – PO matrix for the course BFA-ABC-702 (History of Modern Western Art)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-ABC-702.1	2	-	2	-	1	-	2	2	3	-
BFA-ABC-702.2	2	-	2	-	-	-	2	2	2	-
BFA-ABC-702.3	1	-	1	-	-	2	2	-	2	-
BFA-ABC-702.4	-	-	1	-	-	-	2	1	2	-
Average	1.67	-	1.5	-	1	2	2	1.67	2.25	-

Table 3: CO – PSO matrix for the course BFA- ABC-702 (History of Modern Western Art)

	PSO1	PSO2	PSO3	PSO4
BFA-ABC-702.1	2	2	3	3
BFA-ABC-702.2	2	2	3	2
BFA-ABC-702.3	2	2	1	2
BFA-ABC-702.4	3	3	2	2
Average	2.25	2.25	2.25	2.25

Time: 3 Hrs. Maximum Marks: 80 +20 Internal Assessment, Credit -4

Instructions:

- (i) No. of Questions to be set: 09 (02 Questions from each unit) and Question No. 01 is to be set from all over the Units i.e. short type Questions.
- (ii) No. of Questions to be attempted : 05 .Question No. 01 is compulsory
- (iii) All Questions will be of equal marks.

Details of course works:

Unit-1

Impressionism

The brief study of Impressionism.

Artists : Manet , Monet , Degas , Renoir, Pissarro.

Unit -2

Post Impressionism:

The brief study of post-impressionism.

Artist: Cezanne, Van Gogh, Lautrec, Paul Gauguin

Unit-3

Cubism:

The brief study of Cubism.

Artist- Picasso, Braque, Juan Gris, Fernand Leger.

Unit-4

Fauvism & Futurism:

Fauvism Artist- Henry Matisse, Andre Derain

Futurism Artist – Umberto Boccioni, Giacomo Balla

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

(i) Two handwritten Assignments : 10%

(1st Assignment after one month & 2nd after two months)

(ii) One Class Test (One period duration) : 5%

(iii) Attendance : 5%

Marks for attendance will be given as under:-

(1) 91% onwards : 5 Marks (4) 70% to 74% : 2 Marks

(2) 81% to 90% : 4 Marks (5) 65% to 69% : 1 Marks

(3) 75% to 80% : 3 Marks

Reading List:

1. Razanl, Modern Paining, Skira – Useful references from plates and text.
2. Lake and Maillard – Dictionary of Modern Painting.
3. Herbert Road – A concise History of Modern Paining.
4. William Vaughan – Romantic Art.
5. European Modern Movements in Encyclopedia of World Art.
6. Leymarie – Impressionism (Skira).
7. J. Rewald – History of impressionism – Museum of Modern Art, New York.
8. J. Rewald – Post Impressionism (Both these books are indispensable for the respective periods).
9. Roger Fry – Vision and Design.
10. Madsen – Art Nouveau.
11. Deymatie : Fauvism (good introduction also in Encyclopedia of World Art.)
12. Crespelle – The Fauves.
13. Golding – Cubism: A history and analysis – See Also : Cubism and Futurism in Encyclopeadia of World Art.
14. Rosenblum – Cubism and 20th Century Art.
15. Selz : German Expressionism. For Expressionism See Also Encyclopeadia of World Art.
16. Ritchie – German 20th Century Art – Museum of Modern Art.
17. Barr – Fantastio Art; Dada and Surrealism.
18. Scuphor – Dictionary of Abstract Art.
19. Motherwell Dada Poets and Painters (Anthology of Dada Writings).
20. Marcel Jean – A History of Surrealist Painting (Comprehensive Study)
21. Herber Read – Surrealism (Mainly documents)

SCULPTURE:

22. Herbert Read : (i) Modern Sculpture.
23. Herbert Read : (ii) Art of Sculpture.
24. Giedion Welcker : Contemporary Sculpture.
25. Sculpture of the 19th – 20th Centuries.

PAPER: BFA – AC- 703 AESTHETICS (Western)

(Theory) Paper: BFA – AC- 703 Aesthetics (Western)	
Cos#	Course Outcome
BFA-AC-703.1	Students can understand the world philosophy and enhance the sense of unity with other countries.
BFA-AC-703.2	Students will be aware of the thoughts of western spiritual masters, it will enhance the respect of divinity & value of nature.
BFA-AC-703.3	Students will be aware of different perspective and vision about art, society and divinity.
BFA-AC-703.4	Students will be aware of different perspective and vision about art, society, human psychology.

Table 2: CO – PO matrix for the course BFA-AC-703 Aesthetic (Western)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-AC-703.1	3	-	2	-	-	-	2	2	2	-
BFA-AC-703.2	2	-	3	-	-	-	3	2	2	-
BFA-AC-703.3	2	-	1	-	-	-	3	1	2	-
BFA-AC-703.4	1	-	1	-	-	-	2	1	2	-
Average	2	-	1.75	-	-	-	2.5	1.5	2	-

Table 3: CO – PSO matrix for the course BFA- AC-703 Aesthetic (Western)

	PSO1	PSO2	PSO3	PSO4
BFA-AC-703.1	2	1	3	2
BFA-AC-703.2	3	2	2	2
BFA-AC-703.3	1	2	3	2
BFA-AC-703.4	3	2	1	3
Average	2.25	1.75	2.25	2.25

Time: 3 Hrs. Maximum Marks: 80+20 Internal Assessment, Credit - 4

Instructions:

- (i) No. of Questions to be set: 09 (02 Questions from each unit) and Question No. 01 is to be set from all over the Units i.e. short type Questions.
- (ii) No. of Questions to be attempted : 05 .Question No. 01 is compulsory
- (iii) All Questions will be of equal marks.

Details of course works:

Unit-1

History of Western Aesthetics, Differences & similarities between Indian & western Aesthetics, Basic principles of western Aesthetics.

Unit -2

Theory of Imitation (Plato & Aristotle), Plotinus, Edmund Burke.

Unit-3

Philosopher: Boumgartan, Kant, Hegel, Marx, Tolstoy.

Unit-4

Role of Sub-conscious and conscious mind in artistic creation (Freud), Theory of Symbolism (Susane Langer), Theory of Anti Aesthetics.

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

(i) Two handwritten Assignments : 10%

(1st Assignment after one month & 2nd after two months)

(ii) One Class Test (One period duration) : 5%

(iii) Attendance : 5%

Marks for attendance will be given as under:-

(1) 91% onwards : 5 Marks (4) 70% to 74% : 2 Marks

(2) 81% to 90% : 4 Marks (5) 65% to 69% : 1 Marks

(3) 75% to 80% : 3 Marks

Reading List

1. Aesthetic meaning – Rekha Jhanji
2. Philosophy of Art (Foundations of Philosophy series)
3. Comparative Aesthetics : Eastern & Western – G. Hanumantha Rao and DVK Murthy
4. Philosophy of Art – Aldrich Virgil
5. Aesthetics from classical Greece to the present : A Short History – Monsore C. Beardsley.
6. Art as Experience – John Dewey.
7. Introductory Readings in Aesthetics – Hospers John.
8. Art and Illusion – E. H. Gombrich.
9. Ideals and Idols – E.H. Gombrich.
10. Ways of World Making – Nelson Goodman.
11. Critical Theory – Pyne
12. Truth in Painting – Jaques Devida.
13. Approaches to Indian Art – Nihar Ranjan Ray
14. j l fl) k l r , o a l k n ; l ' k k l = % M k u x b n z
15. d y k v l g l k n ; l % l j b n z c k j f y a s
16. H k k j r h ; l k n ; l ' k k l = % j k e y [k u ' k p y
17. j l fl) k l r v l g l k n ; l ' k k l = % f u e y t u
18. d j . k l e h { k k % f x f j j k t f d ' k k j v ' k k d
19. H k k j r h ; n ' k u % , l - , u - n k l x l r k
20. H k k j r h ; l k n ; Z k k l = d k r k f R o d f o o p u , o a o . k u % j k e y [k u ' k p y
21. L k k / k k j . k h d j . k v l g l k n ; l u k k i r d s i e d { k fl) k l r % i e d k l r V . M u
22. l k n ; Z k k l = d s r R o % d e k j f o e y
23. l t n j e % g f j } k j h y k y ' k e k z
24. l k n ; l ' k k l = & M k u i e k f e J k

Practical Syllabus B.F.A (Painting) 7th Semester

PAPER- BFA – A- 704 PORTRAIT & LIFE STUDY

(Practical) Paper- BFA – A- 704 Portrait & Life Study	
Cos#	Course Outcome
BFA-A-704.1	Enhancing realistic study of human body, with proportion, tones, to develop artistic skills.
BFA-A-704.2	Inculcation to develop creative ways to paint using variety of strategies for expressing visual study through painting medium.
BFA-A-704.3	Developing a heightened awareness of the physical world, the nature of the relationship of human beings to it.
BFA-A-704.4	Developing artistic skills to establish himself professional in the field of art.

Table 2: CO – PO matrix for the course BFA-A-704 (Portrait & Life Study)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-A-704.1	-	2	-	1	-	2	1	1	3	1
BFA-A-704.2	2	3	-	1	1	1	2	1	3	-
BFA-A-704.3	2	2	-	2	1	2	1	1	2	-
BFA-A-704.4	1	2	-	1	-	2	1	-	3	-
Average	1.67	2.25	-	1.25	1	1.75	1.25	1	2.75	1

Table 3: CO – PSO matrix for the course BFA- A-704 (Portrait & Life Study)

	PSO1	PSO2	PSO3	PSO4
BFA-A-704.1	1	3	2	2
BFA-A-704.2	2	3	2	3
BFA-A-704.3	1	2	3	1
BFA-A-704.4	1	3	3	2
Average	1.25	2.75	2.5	2

Maximum Marks-100 (Sessional) Credit 4

Medium: Oil colours on canvas, water colours etc.

Courses of study:

Creative drawing and various international trends.

Portrait: Advanced studies complete with foreground and background, character and expression, composition in different settings, development of a personal style.

Life Painting: Full figure – Study from full figure with emphasis on delineation of character, dramatization, distortion and various expressions, composition of figure in different settings, emphasis on the development of a personal style.

No. of assignments: Portrait – 03, Life Study - 03

PAPER-BFA- A- 705 - ADVANCE COMPOSITION

(Practical) Paper- BFA- A- 705Advance Composition	
Cos#	Course Outcome
BFA-A-705.1	Create personal works of art, which demonstrate to understanding of the painting, and the processes, materials, and techniques associated with creating imagery with paint.
BFA-A-705.2	Enhance the knowledge of using art mediums, Colour, forms, tones & proportions with advance compositional skills.
BFA-A-705.3	Understand, interpret, and enjoy painting from different cultures to initiate a life-long process of expanding knowledge on the diversity of our culture & heritage.
BFA-A-705.4	Establish self-critiquing skills to develop autonomous expression through painting.

Table 2: CO – PO matrix for the course BFA-A-705 (Advance Composition)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
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BFA-A-705.1	2	3	-	1	1	2	1	2	3	-
BFA-A-705.2	1	2	-	-	-	2	2	1	3	-
BFA-A-705.3	2	3	2	1	1	3	-	-	3	-
BFA-A-705.4	1	2	-	-	-	2	1	1	3	1
Average	1.5	2.5	2	1	1	2.25	1.34	1.34	3	1

Table 3: CO – PSO matrix for the course BFA- A-705 (Advance Composition)

	PSO1	PSO2	PSO3	PSO4
BFA-A-705.1	2	3	3	2
BFA-A-705.2	1	3	2	3
BFA-A-705.3	3	2	3	2
BFA-A-705.4	2	3	2	3
Average	2	2.75	2.5	2.5

Maximum Marks-100 (Sessional) Credit 4

Medium: Oil, water colour, Acrylics etc.

Courses of study:

Advancement of previous experience towards a complete pictorial interpretation, theme and expression of mood, symbolism, dramatization, distortion for emotional effect. Projects with emphasis on independent creative work.

No. of assignments: 04

PAPER – BFA –A- 706 - PRINTMAKING

(Practical) Paper – BFA –A- 706 Printmaking	
Cos#	Course Outcome
BFA-A-706.1	Develop creative ways to solve problems using a variety of strategies for making prints by utilizing monoprints, relief and basic intaglio processes.
BFA-A-706.2	Enhancing to Create personal hand-printed artwork, which demonstrate an introductory level of understanding printmaking ideas, and the processes, materials, and techniques associated with different method.
BFA-A-706.3	Establish self-critiquing skills to develop autonomous expression through printmaking.
BFA-A-706.4	Scientific and logical knowledge of reproduction of art works.

Table 2: CO – PO matrix for the course BFA-A-706 (Printmaking)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-A-706.1	2	3	-	1	-	2	-	-	3	-
BFA-A-706.2	2	3	-	-	1	2	-	-	3	-
BFA-A-706.3	1	1	2	1	-	2	1	-	2	1
BFA-A-706.4	2	2	-	2	-	2	-	-	2	-
Average	1.75	2.25	2	1.34	1	2	1	-	2.5	1

Table 3: CO – PSO matrix for the course BFA- A-706 (Printmaking)

	PSO1	PSO2	PSO3	PSO4
BFA-A-706.1	2	3	1	2
BFA-A-706.2	2	3	2	2
BFA-A-706.3	2	3	2	1

BFA-A-706.4	2	2	2	3
Average	2	2.75	1.75	2

Maximum Marks-100 (Sessional) Credit 4

Courses of study:

- * Silk screen: Advanced work in multi-colour photo processes.
- * Etching: Preparing suitable design for etching, learn preliminary technique, use of hard and soft ground and make prints. Advanced printmaking in Metal etching process, Using Etching and Aquatint Techniques, Printing and mounting of Print works etc.,
- * Use of multi-colour relief print and mixed media.
- *Introduction of photo processes/ etching printing.
- *Introduction of Lithography Stone , Technique/ Process and Chemicals.

No. of assignments: 4

PAPER- BFA – A- 707-MURAL

(Practical) Paper- BFA – A- 707 -Mural	
Cos#	Course Outcome
BFA-A-707.1	Developing visual literacy, including competency in the nonverbal languages of art and design.
BFA-A-707.2	Improving competency in critical analysis and verbal and written responses to visual phenomena.
BFA-A-707.3	Demonstrate competency in skills necessary for mural painting including large scale rendering, wall preparation and safety protocols.
BFA-A-707.4	Competency and experience in the production process of creating original work on deadline for mural projects.

Table 2: CO – PO matrix for the course BFA-A-707 (Mural)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-A-707.1	-	2	-	2	-	3	1	2	3	-
BFA-A-707.2	1	2	-	1	1	2	2	-	3	-
BFA-A-707.3	2	3	1	1	-	1	1	1	2	-
BFA-A-707.4	1	2	-	1	-	2	2	2	2	-
Average	1.34	2.25	1	1.25	1	2	1.5	1.67	2.5	-

Table 3: CO – PSO matrix for the course BFA- A-707 (Mural)

	PSO1	PSO2	PSO3	PSO4
BFA-A-707.1	2	2	2	3
BFA-A-707.2	2	3	2	3
BFA-A-707.3	1	3	2	1
BFA-A-707.4	1	3	2	3
Average	1.5	2.75	2	2.5

Maximum Marks-100 (Sessional) Credit 4

Courses of study:

Mosaic, Direct and Indirect methods, Designs, Materials and Techniques.

No. of assignments: 02

Paper- BFA – A- 708 -ART INTERNSHIP

After the completion of BFA 3rd Year (6th Semester) exam, students must to go for “Art Internship”
Please find details on 6th Sem.

BFA – OE -709 -----Open Elective -----EXAM

Maximum Marks-50 (Sessional) Credit - 2

Note - Subject Opted from other departments of Kurukshetra University, Kurukshetra

Theory Syllabus B.F.A (Painting) 8th Semester w.e.f. 2023-24

PAPER: BFA- ABC- 801 HISTORY OF MODERN INDIAN ART

(Theory)Paper: BFA- ABC- 801 History of Modern Indian Art	
Cos#	Course Outcome
BFA-ABC-801.1	Knowledge to critically analyze and interpret new forms, media and content in making of the modern Indian art.
BFA-ABC-801.2	Developing to identify most prominent artist's biographies and collective art moments.
BFA-ABC-801.3	Enhances to compare, associate and link modern through early art of the history, and society.
BFA-ABC-801.4	Knowledge of Artist contributions and work styles from modern to contemporary Indian Art.

Table 2: CO – PO matrix for the course BFA-ABC-801 (History of Modern Indian Art)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-ABC-801.1	2	3	2	1	-	3	1	-	1	1
BFA-ABC-801.2	1	3	1	2	-	2	2	-	1	-
BFA-ABC-801.3	2	3	1	2	-	2	1	2	2	-
BFA-ABC-801.4	1	2	1	-	-	2	-	1	2	-
Average	1.5	2.75	1.25	1.67	-	2.25	1.34	1.5	1.5	1

Table 3: CO – PSO matrix for the course BFA- ABC-801 (History of Modern Indian Art)

	PSO1	PSO2	PSO3	PSO4
BFA-ABC-801.1	2	2	2	3
BFA-ABC-801.2	3	2	2	2
BFA-ABC-801.3	3	1	1	2
BFA-ABC-801.4	2	2	3	2
Average	2.5	1.75	2	2.25

Time: 3 Hrs. Maximum Marks: 80 +20 Internal Assessment, Credit - 4

Instructions:

- No. of Questions to be set: 09 (02 Questions from each unit) and Question No. 01 is to be set from all over the Units i.e. short type Questions.
- No. of Questions to be attempted : 05 .Question No. 01 is compulsory
- All Questions will be of equal marks.

Details of course works:

Unit-1

The brief study of Calcutta Artist.

Artist – Paritosh sen , Bikash Bhattacharya, Prodosh Das Gupta, Jogen Chaudhary.

Unit -2

The brief study of Madras school

Artist- KCS Panniker, S. Nandagopal, P.V. Jankiraman, Devi Prasad Roy Choudhary, K.M. Adimoolam.

Unit-3

The brief study of Delhi shilpi chakra

Artist – Bhavesh Sanyal, Dhanraj Bhagat, K.S Kulkarni, Pran Nath Mago

The brief study of Narrative Artist.

Artist- N.S.Bendre, Bhupen Khakkar

Unit-4

The brief study of Indian Modern Art; Shankho Chaudhery, Nagji patel, K.G.Subramanyam., V.S Gaitonde, Satish Gujral.

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

(i) Two handwritten Assignments : 10%

(1st Assignment after one month & 2nd after two months)

(ii) One Class Test (One period duration) : 5%

(iii) Attendance : 5%

Marks for attendance will be given as under:-

(1) 91% onwards : 5 Marks (4) 70% to 74% : 2 Marks

(2) 81% to 90% : 4 Marks (5) 65% to 69% : 1 Marks

(3) 75% to 80% : 3 Marks

Reading List

1. Bhartiya Chitra Kala Ka Itihas- Vachaspati Gairola.
2. Bartiya Chitrakala Ka Itihas- Avinash Bahadur verma.
3. Rupa prada Kala Ke Muladhar- R. A. agrawal and S. K. Sharma
4. Bhartiya Chitrangan- R. K. Vishwakarma.
5. Arts and Architecture of India - Benjamin Rowland
6. History of Indian Art - Haumtington
7. Indian Sculpture - SteHakramrisc
8. A History of far Eastern Art - Thames and Hudson
9. dyk bfrgl Hkkjrh; vlg ik'pkr; & jkeplnz ukjk; .k iKVdj
10. Hkkjrh; fp=dyk , oaeir dyk dk bfrgl & Mko jhrk irki
11. dyk foykl & Hkkjrh; fp=dyk dk fodkl & vkj0 , 0 vxoky
12. Hkkjr dh fp=dyk dk l fklr bfrgl & Mko ykdsk plnz 'kelz

PAPER:-BFA – ABC – 802 - HISTORY OF MODERN WESTERN ART

(Theory) Paper:- BFA – ABC – 802 History of Modern Western Art	
Cos#	Course Outcome
BFA-ABC-802.1	Knowledge to demonstrate visual recognition and identification of significant artwork of western tradition.
BFA-ABC-802.2	Enhances to demonstrate increasing skill of visual analysis appropriate to describing and explaining artworks from a variety of historical contexts.
BFA-ABC-802.3	Knowledge to demonstrate creative and critical thinking, visual analysis, integration of theoretical perspectives.

BFA-ABC-802.4	Inculcation to demonstrate a theoretical, historiographical, and professional understanding of the discipline of Art History and apply this understanding to explaining and solving research problems.
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Table 2: CO – PO matrix for the course BFA-ABC-802 (History of Modern Western Art)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-ABC-802.1	2	-	2	-	1	-	2	2	3	-
BFA-ABC-802.2	2	-	2	-	-	-	2	2	2	-
BFA-ABC-802.3	1	-	1	-	-	2	2	-	2	-
BFA-ABC-802.4	-	-	1	-	-	-	2	1	2	-
Average	1.67	-	1.5	-	1	2	2	1.67	2.25	-

Table 3: CO – PSO matrix for the course BFA- ABC-802 (History of Modern Western Art)

	PSO1	PSO2	PSO3	PSO4
BFA-ABC-802.1	3	2	1	3
BFA-ABC-802.2	1	3	1	3
BFA-ABC-802.3	2	2	3	1
BFA-ABC-802.4	1	2	2	3
Average	1.75	2.25	1.75	2.5

Time: 3 Hrs. Maximum Marks: 80 +20 Internal Assessment, Credit - 4

Instructions:

- (i) No. of Questions to be set: 09 (02 Questions from each unit) and Question No. 01 is to be set from all over the Units i.e. short type Questions.
- (ii) No. of Questions to be attempted : 05 .Question No. 01 is compulsory
- (iii) All Questions will be of equal marks.

Details of course works:

Unit-1

Expressionism:

The brief study of expressionism art.

Artist- Eduard Munch, Emil Nolde, Paul klee, Kandinsky, Oskar Kokoschka

Unit -2

Dadaism and Surrealism:

The brief study of Dadaism and surrealism .

Dadaism Artists- Marcel Duchamp, Max Ernst

Surrealism Artist – Salvador Dali, John Miro.

Unit-3

Constructivism

The brief study of constructivism.

Artist – Vladimir Tatlin, Alaxander Rodchenko, Malvich,

Abstractionism

The brief study of Abstractionism.

Artist- Jackson Pollock, Vasareily, David Hockney.

Unit-4

The brief study of Modern Eminent Sculptor.

Artist- August Rodin, Picasso, Brancusi, Henry Moore.

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

- (i) Two handwritten Assignments : 10%

- (1st Assignment after one month & 2nd after two months)
- (ii) One Class Test (One period duration) : 5%
- (iii) Attendance : 5%
- Marks for attendance will be given as under:-
- (1) 91% onwards : 5 Marks (4) 70% to 74% : 2 Marks
- (2) 81% to 90% : 4 Marks (5) 65% to 69% : 1 Marks
- (3) 75% to 80% : 3 Marks

Reading List:

1. Razanl, Modern Paining, Skira – Useful references from plates and text.
2. Lake and Maillard – Dictionary of Modern Painting.
3. Herbert Road – A concise History of Modern Paining.
4. William Vaughan – Romantic Art.
5. European Modern Movements in Encyclopedia of World Art.
6. Leymarie – Impressionism (Skira).
7. J. Rewald – History of impressionism – Museum of Modern Art, New York.
8. J. Rewald – Post Impressionism (Both these books are indispensable for the respective periods).
9. Roger Fry – Vision and Design.
10. Madsen – Art Nouveau.
11. Deymatie : Fauvism (good introduction also in Encyclopedia of World Art.)
12. Crespelle – The Fauves.
13. Golding – Cubism: A history and analysis – See Also : Cubism and Futurism in Encyclopediad of World Art.
14. Rosenblum – Cubism and 20th Century Art.
15. Selz : German Expressionism. For Expressionism See Also Encyclopediad of World Art.

SCULPTURE:

16. Herbert Read: (i) Modern Sculpture.
17. Herbert Read: (ii) Art of Sculpture.
18. Giedion Welcker : Contemporary Sculpture.
19. Sculpture of the 19th – 20th Centuries.
20. Burnham – Beyond Modern Sculpture.

PAPER:-BFA- AC – 803 AESTHETICS (Western)

(Theory) Paper:- BFA- AC - 803 Aesthetics (Western)	
Cos#	Course Outcome
BFA-AC-803.1	Knowledge to distinguish the common and different points between art philosophy and aesthetics.
BFA-AC-803.2	Improving to define the difference between/among various knowledge garnered from philosophy, science, and art.
BFA-AC-803.3	Enhancing to explain the evolution of aesthetics throughout history and modern aesthetics.
BFA-AC-803.4	Imparting knowledge to explain aesthetic life and aesthetic apprehensions.

Table 2: CO – PO matrix for the course BFA-AC-803 (Aesthetic) Western

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-AC-803.1	3	-	2	-	-	-	2	2	2	-
BFA-AC-803.2	2	-	3	-	-	-	3	2	2	-
BFA-AC-803.3	2	-	1	-	-	-	3	1	2	-
BFA-AC-803.4	1	-	1	-	-	-	2	1	2	-
Average	2	-	1.75	-	-	-	2.5	1.5	2	-

Table 3: CO – PSO matrix for the course BFA- AC-803 (Aesthetic) Western

	PSO1	PSO2	PSO3	PSO4
BFA-AC-803.1	3	1	2	3

BFA-AC-803.2	3	2	3	3
BFA-AC-803.3	3	1	2	2
BFA-AC-803.4	1	2	2	3
Average	2.5	1.5	2.25	2.75

Time: 3 Hrs. Maximum Marks: 80 +20 Internal Assessment, Credit - 4

Instructions:

- (i) No. of Questions to be set: 09 (02 Questions from each unit) and Question No. 01 is to be set from all over the Units i.e. short type Questions.
- (ii) No. of Questions to be attempted : 05 .Question No. 01 is compulsory
- (iii) All Questions will be of equal marks.

Details of course works:

Unit-1

Theories related to works of Art: Form & Content, Organic structure, Expressiveness, Inspiration.

Unit -2

Philosopher: Herbert Read, Schopenhauer, Friedrich Nietzsche, Roger Fry.

Unit-3

Globalization in Art.Art, Society, & Environment.Art & Market, Anti- Aesthetics Movement.

Unit-4

Edward Bullough (Psychical Distance), Theodor Lips (Empathy), Croce (Theory of Intuition), Clive Bell (Theory of Significant Form).

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

- (i) Two handwritten Assignments : 10%
(1st Assignment after one month & 2nd after two months)
 - (ii) One Class Test (One period duration) : 5%
 - (iii) Attendance : 5%
- Marks for attendance will be given as under:-
- (1) 91% onwards : 5 Marks
 - (2) 81% to 90% : 4 Marks
 - (3) 75% to 80% : 3 Marks
 - (4) 70% to 74% : 2 Marks
 - (5) 65% to 69% : 1 Marks

Reading List

1. Aesthetic meaning – Rekha Jhanji
2. Philosophy of Art (Foundations of Philosophy series)
3. Comparative Aesthetics : Eastern & Western – G. Hanumantha Rao and DVK Murthy
4. Philosophy of Art – Aldrich Virgil
5. Aesthetics from classical Greece to the present : A Short History – Monsore C. Beardsley.
6. Art as Experience – John Dewey.
7. Introductory Readings in Aesthetics – Hospers John.
8. Art and Illusion – E. H. Gombrich.
9. j l fl) k l r , o a l k n ; l ' k k l = % M k k u x b n z
10. d y k v l g l k n ; l % l j b n z c k j f y a s
11. H k k j r h ; l k n ; l ' k k l = % j k e y [k u ' k p y
12. j l fl) k l r v l g l k n ; l ' k k l = % f u e z y t u
13. d j . k l e h { k k % f x f j j k t f d ' k k j v ' k k d

14. I k8n; Z rRo %I g8nukFk nkl x8r
15. I k8n; Z 'kkL= %jk- e- i kV.kdj
16. Hkkjrh; n'k8u %, I - , u- nkl x8rk
17. n'k8u fnXn'k8u %jkggy I k8dRr; k; u
18. Hkkjrh; I k8n; ZkkL= dh Hkkiedk %Mk8d ux8nz
19. dyk foopu %d8kj foey
20. Hkkjrh; I k8n; ZkkL= dk rk8Rod foopu , oao.k8u %jke y[ku 'k8y
21. Lkk/kkj.k.kdj.k v8j I k8n; Z8kk8r ds i8d[k fl) k8r %i8 dkk8r V.Mu
22. I k8n; ZkkL= ds rRo %d8kj foey
23. I 8nje %gfj }kj8 yky 'kek8
24. I k8n; Z 'kkL= & Mk8d i8ek feJk

Practical Syllabus B.F.A.(Painting) 8th Semester

PAPER- BFA – A- 804 - PORTRAIT & LIFE STUDY

Time-18 hrs.

Maximum Marks-200 (Sessional-100; Examination-100) Credit 4+4= 8

Medium: Oil colours on canvas, water colours etc.

Courses of study:(Same as 7thSemester)

No. of assignments: Portrait – 02, Life Study - 02

PAPER- BFA- A- 805- ADVANCE COMPOSITION

Time-18 hrs.

Maximum Marks-200 (Sessional-100; Examination-100) Credit 4+4= 8

Medium: Oil, water colour, Acrylics etc.

Courses of study: (Same as 7th Semester) Including one Compulsory Project Assignment will be based on contemporary study about Art Trends /Traditional Art/ Visit of any Art Sites / Galleries /Art Fairs/ Art Tour or Any Professional Art work/ Commission Work created by candidate individually or in Group of maximum 3 students.

No. of assignments: 03 + 01 = 04

PAPER – BFA –A- 806 - PRINTMAKING

Time-18 hrs.

Maximum Marks-200 (Sessional-100; Examination-100)Credit 4+4= 8

Courses of study:(Same as 7th Semester)

No. of assignments: 4

PAPER- BFA – A- 807-MURAL

Time-18 hrs.

Maximum Marks-200 (Sessional-100; Examination-100) Credit 4+4= 8

Courses of study:

Mosaic, Direct and Indirect methods, Designs, Materials and Techniques.

No. of assignments: 02

B.F.A. (Applied Arts) Group - B
Theory Syllabus B.F.A 3rd Semester
w.e.f. 2021-22

PAPER- BFA – ABC –301HISTORY OF ANCIENT INDIAN ART

Time: 3 Hrs.

Maximum Marks: 80 + 20 Internal Assmnt, Credit -4

Courses of Study: Same as in Painting (Group A).

PAPER- BFA- AB- 302 : METHOD AND MATERIAL

Time: 3 Hrs.

Maximum Marks: 80 + 20 Internal Assmnt, Credit - 4

Courses of Study: Same as in Painting (Group A)

Practical Subjects B.F.A.(Applied Arts) 3rd Semester

PAPER- BFA – B- 303 - DRAWING

(Practical) PAPER- BFA – B- 303 Drawing	
Cos#	Course Outcome
BFA-B-303.1	Develop Drawing skills with different medium and handling the techniques.
BFA-B-303.2	Enhances Compositional Skill with understanding the values of drawing.
BFA-B-303.3	Application of drawing on different surfaces with artistic inputs.
BFA-B-303.4	Inculcation of visual communication by using drawing.

Table 2: CO – PO matrix for the course BFA-B-303 (Drawing)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-B-303.1	1	2	-	-	2	2	-	1	3	-
BFA-B-303.2	1	2	-	1	2	2	1	1	3	1
BFA-B-303.3	-	1	-	-	1	1	-	-	3	-
BFA-B-303.4	1	1	1	1	2	1	1	1	3	1
Average	1	1.5	1	1	1.75	1.5	1	1	3	1

Table 3: CO – PSO matrix for the course BFA- B-303 (Drawing)

	PSO1	PSO2	PSO3	PSO4
BFA-B-303.1	1	3	2	2
BFA-B-303.2	1	3	2	3
BFA-B-303.3	1	2	2	1

BFA-B-303.4	2	3	2	3
Average	1.25	2.75	2	2.25

Maximum Marks-100 (Sessional) Credit 4

Size: half sheet. Medium: Pencil, pen and ink, water colour, Dry pastel etc.

Courses of study:

Study of human figure: draped and undraped proportion: blocking of mass with the aid of light and shade. Head Study: planes and masses of the head from different angles.

Outdoor: Sketching from nature.

No. of assignments:

Still Life: 10

Nature drawings/ Landscape: 5

Human Figure Drawings: 5

Head Studies: 5

Free-hand sketching: 500

PAPER-BFA – B- 304- PRESS LAYOUT

(Practical) PAPER-BFA – B- 304: Press Layout	
Cos#	Course Outcome
BFA-B-304.1	Knowledge to develop the skill to design News Paper Ad. according to technical and creative aspect of news paper.
BFA-B-304.2	Enhances the knowledge of analyze, synthesize and utilize design processes and strategy.
BFA-B-304.3	Imparting knowledge to deliver & solve communication problems creatively
BFA-B-304.4	Utilize relevant application of tools and technology in the creation, reproduction, and distribution of visual decision.

Table 2: CO – PO matrix for the course BFA-B-304 (Press Layout)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-B-304.1	-	1	1	1	-	2	-	1	3	-
BFA-B-304.2	-	1	2	1	-	1	-	1	3	1
BFA-B-304.3	1	2	1	1	1	1	-	1	3	2
BFA-B-304.4	-	1	-	-	-	1	-	1	3	-
Average	1	1.25	1.34	1	1	1.25	-	1	3	1.5

Table 3: CO – PSO matrix for the course BFA- B-305 (Press Layout)

	PSO1	PSO2	PSO3	PSO4
BFA-B-304.1	1	3	2	3
BFA-B-304.2	1	2	3	3
BFA-B-304.3	2	2	1	3
BFA-B-304.4	2	3	2	1
Average	1.5	2.5	2	2.5

Maximum Marks-100 (Sessional) Credit 4

Size: 4 columns x 25 cm.

Medium: poster colours, pen and ink.

Courses of study:

Study of fundamental elements of layout and their practical application: preparation of simple typographical layouts for Newspapers. Book Cover Design for Children Book, Magazine Cover.

No. of assignments:

Press Layouts: 02 in different sizes, Book cover Design: 01. Magazine Cover Design: 1.

PAPER-BFA – B- 305- POSTER DESIGN

(Practical) PAPER-BFA – B- 305: Poster Design	
Cos#	Course Outcome
BFA-B-305.1	Enhances the skill to analyze, synthesize & utilize the concept of design related poster.
BFA-B-305.1	Imparting knowledge to apply design principles in the ideation, development, and production of visual messages through poster
BFA-B-305.1	Enhances the knowledge of typography rules, hierarchy, organization and expression.
BFA-B-305.1	Developing skill and ability of communication through artistic expression.

Table 2: CO – PO matrix for the course BFA-B-305 (Poster Design)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-B-305.1	1	1	1	2	1	1	-	1	3	1
BFA-B-305.1	1	1	-	2	1	1	1	1	3	1
BFA-B-305.1	1	1	-	1	1	1	1	1	3	1
BFA-B-305.1	2	2	2	2	1	2	1	1	3	1
Average	1.25	1.25	1.5	1.75	1	1.25	1	1	3	1

Table 3: CO – PSO matrix for the course BFA- B-305 (Poster Design)

	PSO1	PSO2	PSO3	PSO4
BFA-B-305.1	1	3	2	2
BFA-B-305.1	3	2	3	2
BFA-B-305.1	1	3	3	2
BFA-B-305.1	2	3	2	3
Average	1.75	2.75	2.5	2.25

Maximum Marks-100 (Sessional) Credit 4

Size: 20" x 30"

Medium: Poster colours

Courses of study:

History of Poster, different influences on Poster designing. Exercise to make different kinds of Posters. Exercise to understand the concept of Space division, contrast and balance.

No. of assignments:No. of Posters: 02, Hoarding: 01, Mural for Advertisements: 01 (in 2D or 3D or in new media).

PAPER- BFA- B- 306- GRAPHIC DESIGN

(Practical) Paper- BFA- B- 306 Graphic Design	
Cos#	Course Outcome
BFA-B-306.1	Knowledge to apply graphic design principles in the ideation, development, and production of visual messages
BFA-B-306.2	Identify and utilize design history, theory, and criticism from variety of perspective, including communication/ information theory.
BFA-B-306.3	Develop confidence to participate in professional design practice and management within a collaborative work environment.
BFA-B-306.4	Inculcate to create communication solution that address audiences and context, by recognizing human behaviour that determine design decision.

Table 2: CO – PO matrix for the course BFA-B-306 (Graphic Design)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-B-306.1	1	2	1	2	1	2	1	1	3	1
BFA-B-306.2	2	1	2	1	1	1	1	2	3	1
BFA-B-306.3	-	1	1	1	1	1	1	1	3	1
BFA-B-306.4	1	2	2	2	1	2	1	2	3	1
Average	1.34	1.5	1.5	1.5	1	1.5	1	1.5	3	1

Table 3: CO – PSO matrix for the course BFA- B-306 (Graphic Design)

	PSO1	PSO2	PSO3	PSO4
BFA-B-306.1	2	3	3	2
BFA-B-306.2	2	3	2	2
BFA-B-306.3	1	2	3	3
BFA-B-306.4	2	3	2	1
Average	1.75	2.75	2.5	2

Maximum Marks-100 (Sessional) Credit 4

Size: As per requirement

Medium: Poster colours, pen and ink

Courses of study:

- A. Study and history of letter forms: both Roman and Vernacular, Serif and San-Serif, Gothic & Roman, Italic etc., letter as a design form; spacing; study of basic type faces; Interrelation of Negative and Positive space; Design New Font, Copy work of printed type and font.
- B. Exercises with basic shapes and textures in relation to space; Geometrical designs. Designing symbol, Logo, monograms, Insignia, Emblems, Logotype etc.
- C. Exercises of illustration with the different media on stories, poems & myths for designing of books for kids, Book cover etc.
- D. Study of Space division, illustration & composition with help of different type of objects and theme with different medium like poster colour, stippling, rendering, Flat colour effect, stencil effect etc.

No. of assignments:

Letter Writing: 02 Logo/ Symbol: 03 book Illustration (6 to 8 pages) with book cover – 01. Design or Illustration or land scape or advertisements with paper collage/ paper stencils/ paper cutting: 02.
 Illustration/ Design/ Composition: 02

PAPER-BFA – ABC- 307 :COMMUNICATIVE ENGLISH**Time: 3 Hrs.****Maximum Marks: 80 + 20 Internal Assmnt, Credit - 4****Courses of Study:** Same as in Painting (Group A)

Theory Syllabus B.F.A. (Applied Arts) 4th Semester

w.e.f. 2021-22

PAPER- BFA – ABC – 401-HISTORY OF EARLY WESTERN ART**Time: 3 Hrs.****Maximum Marks: 80 + 20 Internal Assmnt, Credit - 4****Courses of Study:** Same as in Painting (Group A)

PAPER- BFA – AB – 402- METHOD AND MATERIAL

Time: 3 Hrs. Maximum Marks: 80 + 20 Internal Assmnt, Credit - 4

Courses of Study: Same as in Painting (Group A)

Practical Syllabus B.F.A. (Applied Arts) 4th Semester

PAPER- BFA – B-403-DRAWING

Time-6 hrs. Maximum Marks-200 (Sessional-100; Examination-100) Credit 4+4= 8

Size: half sheet. Medium: Pencil, pen and ink, water colour, Dry pastel etc.

Courses of study:(Same as 3rdSemester)

No. of assignments:

Still Life: 10

Nature drawings/ Landscape: 5

Human Figure Drawings: 5

Head Studies: 5

Free-hand sketching: 500

PAPER-BFA – B-404- PRESS LAYOUT

Time-12 hrs. Maximum Marks-200 (Sessional-100; Examination-100) Credit 4+4=8

Size: 4 columns x 25 cm. Medium: poster colours, pen and ink.

Courses of study:(Same as 3rdSemester)

No. of assignments:

Press Layouts: 02 in different sizes, Book cover Design: 01. Magazine Cover Design: 1.

PAPER-BFA – B-405- POSTER DESIGN

Time-12 hrs. Maximum Marks-200 (Sessional-100; Examination-100) Credit 4+4= 8

Size: 20" x 30" Medium: Poster colours

Courses of study:(Same as 3rdSemester)

No. of assignments:No. of Posters: 02, Hoarding: 01, Mural for Advertisements: 01 (in 2D or 3D or in new media).

PAPER- BFA- B- 406- GRAPHIC DESIGN

Time- 6 hrs. Maximum Marks-200 (Sessional-100; Examination-100) Credit 4+4= 8

Size: As per requirement Medium: Poster colours, pen and ink

Courses of study:(Same as 3rdSemester)

No. of assignments:

Letter Writing: 02 Logo/ Symbol: 02 book Illustration (6 to 8 pages) with book cover – 01. Design or Illustration or landscape or advertisements with paper collage/ paper stencils/ paper cutting: 02.

Illustration/ Design/ Composition: 02

PAPER- BFA – ABC – 407 - COMMUNICATIVE ENGLISH

Time: 3 Hrs. Maximum Marks: 80 + 20 Internal Assmnt, Credit - 4

Courses of Study: Same as in Painting (Group A)

Theory Syllabus B.F.A. (Applied Arts) 5th Semester **w.e.f. 2022-23**

PAPER- BFA – ABC – 501- HISTORY OF MEDIEVAL INDIAN ART

Time: 3 Hrs.

Maximum Marks: 80 + 20 Internal Assmnt, Credit - 4

Courses of Study:

Same as in Painting (Group A)

PAPER- BFA – ABC- 502 - HISTORY OF MEDIEVAL WESTERN ART

Time: 3 Hrs.

Maximum Marks: 80 + 20 Internal Assmnt, Credit -4

Courses of Study:

Same as in Painting (Group A)

PAPER- BFA- B- 503 -FUNDAMENTAL OF ADVERTISING

(Theory) PAPER- BFA- B- 503 - Fundamental of Advertising	
Cos#	Course Outcome
BFA-B-503.1	Create interest, information and awareness related to advertising and technical terms and its uses.
BFA-B-503.2	Generate artistic approach and understanding of composition related to advertisements.
BFA-B-503.3	Enhances the understanding of type face, and the concept of calligraphy in design.
BFA-B-503.4	Understand and articulate how meaning of photographs is visually communicated.

Table 2: CO – PO matrix for the course BFA-B-503 (Fundamental of Advertising)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-B-503.1	-	-	-	1	-	1	-	1	2	-
BFA-B-503.2	1	1	1	1	-	1	-	1	2	-
BFA-B-503.3	-	1	1	-	-	-	-	1	3	-
BFA-B-503.4	1	1	1	2	1	2	1	1	3	1
Average	1	1	1	1.34	1	1.34	1	1	2.5	1

Table 3: CO – PSO matrix for the course BFA- B-503 (Fundamental of Advertising)

	PSO1	PSO2	PSO3	PSO4
BFA-B-503.1	1	2	3	2
BFA-B-503.2	2	3	2	3
BFA-B-503.3	1	3	2	1
BFA-B-503.4	1	3	3	2
Average	1.25	2.75	2.5	2

Time: 3 Hrs.

Maximum Marks: 80 + 20 Internal Assmnt, Credit -4

Instructions:

- (i) No. of Questions to be set: 09 (02 Questions from each unit) and Question No. 01 is to be set from all over the Units i.e. short type Questions.
- (ii) No. of Questions to be attempted : 05 .Question No. 01 is compulsory
- (iii) All Questions will be of equal marks.

Details of course works:

Unit-1

Introduction to Advertising, Meaning & Definition of Advertising, History of world Advertising, History of Indian Advertising, fundamentals of Advertising, Trends and developments of Modern Advertising, Types of Advertising, Meaning of Layout, Types of Layout, and its elements.

Unit -2

Elements of design (Line, Colour, Tone, Texture, Shape, Size), its role and effect in Advertising, Principles of Design (Unity, Harmony, Contrast, Proportion, Eye Movement, Balance, Rhythm, Dominance, Hierarchy, Pattern, Repetition, Alignment, Concept of Space Division & White Space). Gestalt Principles of Design (Proximity, Similarity, Closure, Figure Ground, Continuation, Common Region/ Fate, Good Form etc.), Fibonacci Sequence of Design.

Unit-3

Typography and its basic rules. Importance of typography, Different t Concept & meaning of Design, Types of Design (Product Design, corporate design, Packaging Design etc.) Types of typography. Technical Terms of Typography (Serif, San-Serif Font, Roman, Gothic, Italic, Stem, Kern, Bowl, X- Height, Cap Height, Base Line, Shoulder, Counter, loop etc.), Introduction of Calligraphy.

Unit-4

Introduction of Photography, Maintypes of photography (Candid, Street, Photo Journalism, Wild Life, Travel, Conceptual, Architectural, Portrait, Fashion, Nature etc.), History of Photography, Knowledge about camera, its function and process. Types of Camera, (Camera Obscura, Dagurre type Camera, Single Lense Reflector, Twin Lense Reflector Camera, Compact Camera, Digital SLR Camera etc.

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

(i) Two handwritten Assignments : 10%

(1st Assignment after one month & 2nd after two months)

(ii) One Class Test (One period duration) : 5%

(iii) Attendance : 5%

Marks for attendance will be given as under:-

(1) 91% onwards : 5 Marks (4) 70% to 74% : 2 Marks

(2) 81% to 90% : 4 Marks (5) 65% to 69% : 1 Marks

(3) 75% to 80% : 3 Marks

Practical Syllabus B.F.A. (Applied Arts) 5th Semester

PAPER- BFA – B- 504 - MAGAZINE LAYOUT & TYPOGRAPHY

(Practical) PAPER- BFA – B- 504 : Magazine Layout & Typography	
Cos#	Course Outcome
BFA-B-504.1	Knowledge to develop the design skill of magazine Ad. according to technical and creative aspect of print media.
BFA-B-504.2	Enhances the knowledge of analyze, synthesize and utilize design processes and strategy.
BFA-B-504.3	Imparting knowledge to deliver & solve communication problems creatively through magazine advt.
BFA-B-504.4	Utilize relevant application of tools and technology in the creation, reproduction, and distribution of visual decision.

Table 2: CO – PO matrix for the course BFA-B-504 (Magazine Layout & Typography)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
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BFA-B-504.1	1	1	1	1	-	1	-	1	3	-
BFA-B-504.2	-	-	-	-	-	1	-	-	2	-
BFA-B-504.3	1	1	1	1	1	-	1	1	2	1
BFA-B-504.4	-	1	1	1	-	1	-	1	2	-
Average	1	1	1	1	1	1	1	1	2.25	1

Table 3: CO – PSO matrix for the course BFA- B-504 (Magazine Layout & Typography)

	PSO1	PSO2	PSO3	PSO4
BFA-B-504.1	1	3	2	3
BFA-B-504.2	1	2	3	3
BFA-B-504.3	2	2	1	3
BFA-B-504.4	2	3	2	1
Average	1.5	2.5	2	2.5

Maximum Marks-100 (Sessional) Credit 4

Size: half sheet.

Medium: Pencil, pen and ink, water colour

Courses of study:

- Comparative study of different types and sizes of layouts; designing of simple illustrative and typographical layouts for magazines.
- Study and selection of typefaces for different layouts; use of letters and words as a visual element/ form; calculation of copy according to given space.
- Exercises of illustration with the different media on stories, poems & myths for designing of books for kids.

No. of assignments:

No. of Magazine layouts: 02, Creative Magazine Ad: 01, Teaser: 01, POP Item/ Sales Promotion Item (Key Ring, Dangler, Wobblers, T Shirt, Cap, Book Marks etc.): 02

Free-hand sketching: 500, Illustration for Book – 1 book with at least 10 pages.

PAPER – BFA – B- 505 - POSTER DESIGN

(Practical) PAPER – BFA – B- 505 - Poster Design	
Cos#	Course Outcome
BFA-B-505.1	Enhances the skill to analyze, synthesize & utilize the concept of design related poster.
BFA-B-505.2	Imparting knowledge to apply design principles in the ideation, development, and production of visual messages through poster.
BFA-B-505.3	Enhances the knowledge of typography rules, hierarchy, organization and expression.
BFA-B-505.4	Developing skill with layout, illustration and photo manipulation and the use of interactive digital tools.

Table 2: CO – PO matrix for the course BFA-B-505 (Poster Design)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-B-505.1	1	1	1	1	1	2	-	2	3	1
BFA-B-505.2	1	1	1	2	1	1	1	1	3	1
BFA-B-505.3	-	-	-	-	-	1	-	1	3	-
BFA-B-505.4	1	1	1	1	1	1	1	2	3	1
Average	1	1	1	1.34	1	1.25	1	1.5	3	1

Table 3: CO – PSO matrix for the course BFA- B-505 (Poster Design)

	PSO1	PSO2	PSO3	PSO4
BFA-B-505.1	1	3	2	2

BFA-B-505.2	3	2	3	2
BFA-B-505.3	1	3	3	2
BFA-B-505.4	2	3	2	3
Average	1.75	2.75	2.5	2.25

Maximum Marks-100 (Sessional) Credit 4

Size: 20"x 30"

Medium: Poster colours, pen and ink, water colour

Courses of study:

Study of different schools of posters and their application to the project; making of posters, show cards, multi-sheet posters etc. (topics: Social, Product, Cinema, TV serial, Event, Institutional, Event/ Celebration, Services)

No. of assignments:

No. of Posters: 02, Hoarding: 01 (2D/ 3D/ Collage/ New Media), Cut-out: 01, Counter Display: 01.

Drawing – 5 (Portrait, Full figure, Animal etc. in poster colour, water colour, pencil shading, oil pastel, etc.)

PAPER – BFA – B- 506 : PHOTOGRAPHY

(Practical) PAPER – BFA – B- 506 : Photography	
Cos#	Course Outcome
BFA-B-506.1	Understand the relationship between multiple images and sequencing of images.
BFA-B-506.2	Enhances proficiency with and command of camera and photography equipments.
BFA-B-506.3	Acquisition of skill associated with production techniques including logging, lighting, shooting, capturing, editing.
BFA-B-506.4	Enhance the uses of software for non- destructive image, correction enhancement, manipulation and creative interpretation of photographs.

Table 2: CO – PO matrix for the course BFA-B-506 (Photography)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-B-506.1	1	1	1	2	1	1	1	2	3	1
BFA-B-506.2	-	-	-	-	-	2	-	1	3	-
BFA-B-506.3	-	-	-	-	1	1	-	-	3	-
BFA-B-506.4	1	1	1	1	1	1	-	1	3	1
Average	1	1	1	1.5	1	1.25	1	1.34	3	1

Table 3: CO – PSO matrix for the course BFA- B-506 (Photography)

	PSO1	PSO2	PSO3	PSO4
BFA-B-506.1	1	3	2	2
BFA-B-506.2	1	3	2	1
BFA-B-506.3	2	3	2	1
BFA-B-506.4	1	3	2	2
Average	1.25	3	2	1.5

Maximum Marks-100 (Sessional) Credit 4

Size: 8" x12" (Student will have to submit 2 photographs according to given subject by examiner)

Courses of study:

Use of camera; observation and selection of subject, composition; exposing outdoors and indoors. Knowledge of ISO, Shutter speed, aperture, depth of field etc. Use of photoshop and other softwares related to photography.

Subject:

- (i) Still Life
- (ii) Portrait
- (iii) Nature
- (iv) Landscape
- (v) Conceptual Photography

No. of assignments:

Minimum 03 photos for each category (Some Photos can be printed in Black & white).

PAPER – BFA- B- 507 - COMPUTER GRAPHICS

(Practical) PAPER – BFA- B- 507 - COMPUTER GRAPHICS	
Cos#	Course Outcome
BFA-B-507.1	Uses of a variety of effect including compositing, text generation, multiple effects and colour correction.
BFA-B-507.2	Develops strong conceptual frame work for different art techniques and ability to articulate the ideas embedded in their computer work.
BFA-B-507.3	Enhances the ability to manipulate different images with an innovative concept.
BFA-B-507.4	Inculcate proficiency with core visual skills for computer design that are easy to understand and use.

Table 2: CO – PO matrix for the course BFA-B- 507 (Computer Graphics)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-B-507.1	-	-	-	-	1	1	-	1	3	-
BFA-B-507.2	1	1	1	2	1	1	1	1	3	1
BFA-B-507.3	1	1	1	1	1	1	1	2	3	1
BFA-B-507.4	1	1	-	-	-	1	-	1	3	-
Average	1	1	1	1.5	1	1	1	1.25	3	1

Table 3: CO – PSO matrix for the course BFA- B- 507 (Computer Graphics)

	PSO1	PSO2	PSO3	PSO4
BFA-B-507.1	1	3	2	2
BFA-B-507.2	3	3	2	2
BFA-B-507.3	3	3	2	2
BFA-B-507.4	1	2	2	3
Average	2	2.75	2	2.25

Maximum Marks-100 (Sessional) Credit 4

Size: As per requirement

Courses of study:

Introduction to Computer, Working with Photoshop, CorelDraw & Illustrator; preparation of graphic design like Press Layout, Poster, Magazine Ad, Logo and stationery etc.

No. of assignments:

Press ad/ Magazine Ads: 3 (On different topics) Poster: 3
 Visiting Card: 03 Logo: 03 Letterhead: 03
 Book Cover/ Magazine Cover: 3 Point of Purchase item: 02
 Packaging item: 02

PAPER --BFA – OE -508 ---- Open Elective ----- EXAM

Maximum Marks-50 (Sessional) Credit -2

Note - Subject Opted from other departments of Kurukshetra University, Kurukshetra

Theory Syllabus B.F.A. (Applied Arts) 6th Semester **w.e.f. 2022-23**

PAPER- BFA – ABC – 601- HISTORY OF MEDIEVAL INDIAN ART

Time: 3 Hrs.

Maximum Marks: 80 + 20 Internal Assmnt, Credit - 4

Courses of Study:

Same as in Painting (Group A)

PAPER- BFA – ABC – 602 : HISTORY OF MEDIEVAL WESTERN ART

Time: 3 Hrs.

Maximum Marks: 80 + 20 Internal Assmnt, Credit - 4

Courses of Study:

Same as in Painting (Group A)

PAPER- BFA – B- 603 :FUNDAMENTAL OF ADVERTISING

(Theory) PAPER- BFA – B- 603 - Fundamental of Advertising	
Cos#	Course Outcome
BFA-B-603.1	Create a cohesive body of exhibition quality work and be able to explain the significance of subject, form, presentation, and meaning of students own work.
BFA-B-603.2	Enhances the understanding the contemporary trends in advertising arts and its relation to society.
BFA-B-603.3	Enhances the skill to work in a professional manner and communicating effectively.
BFA-B-603.4	Inculcate to generate works of art and design that reflect an advanced level of knowledge and skills in the application of different printing methods.

Table 2: CO – PO matrix for the course BFA-B-603 (Fundamental of Advertising)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-B-603.1	1	1	1	1	-	2	-	1	2	1
BFA-B-603.2	1	2	2	3	-	2	1	2	2	1
BFA-B-603.3	1	1	1	1	1	2	1	2	3	1
BFA-B-603.4	-	-	-	-	-	1	-	1	2	-
Average	1	1.34	1.34	1.67	1	1.75	1	1.5	2.25	1

Table 3: CO – PSO matrix for the course BFA- B-603 (Fundamental of Advertising)

	PSO1	PSO2	PSO3	PSO4
BFA-B-603.1	2	3	2	1
BFA-B-603.2	2	2	1	3
BFA-B-603.3	1	3	2	3
BFA-B-603.4	1	3	2	2
Average	1.5	2.75	1.75	2.25

Time: 3 Hrs.

Maximum Marks: 80 + 20 Internal Assmnt, Credit - 4

Instructions:

- (i) No. of Questions to be set: 09 (02 Questions from each unit) and Question No. 01 is to be set from all over the Units i.e. short type Questions.
- (ii) No. of Questions to be attempted : 05 .Question No. 01 is compulsory

- (iii) All Questions will be of equal marks.

Details of course works:

Unit-1

Basic Rules of photography (Rule of Third, Golden Ratio, Odd 1 Out, Figure to Ground, Different types of eye movements in photography), Different types of Lenses and its uses, Types of Lights in Photo Studio, Trick Photography (Slow Shutter Speed, Panning, Zoom Burst, Play with object & perspective, Long exposure, Trail with light etc.), Photography as a carrier .

Unit -2

Different Medias of Advertising – Indoor, Outdoor, Print Media, Broadcast Media, Transit Media, Internet advertisements, Social Media Advertising and Motion Advertising. Technical Terms of advertising (USP, Burning, Dodging, Imposition, , Colum Centimeter , Scribbles, Magazine Sizes, Double Spread Ad, Bleed page, Types of papers & sizes, Direct mail, Point of Purchase,

Unit-3

Ethics in Advertising, Truth in Advertising, Advertising for Nation-Building and Social welfare. Justification of Advertising for expenditure and growth. Advertising offers employment. Advertising & Standard of Living. AIDA Model of Advertising, Meaning of Unique Selling Point, Application of USP,

Unit-4

Printing history and development, Printing: introduction of main printing processes such as Letterpress, Lithography, Gravure, Offset, Silk-screen. Latest techniques of printings (Dot Matrix, Laser, Inkjet, 3D etc.) & its Technical Terms ie: Registration Mark, CMYK, RGB, Process Colour,

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

- (i) Two handwritten Assignments : 10%
(1st Assignment after one month & 2nd after two months)
- (ii) One Class Test (One period duration) : 5%
- (iii) Attendance : 5%

Marks for attendance will be given as under:-

- | | | | | | |
|-----------------|---|---------|----------------|---|---------|
| (1) 91% onwards | : | 5 Marks | (4) 70% to 74% | : | 2 Marks |
| (2) 81% to 90% | : | 4 Marks | (5) 65% to 69% | : | 1 Marks |
| (3) 75% to 80% | : | 3 Marks | | | |

Practical Subjects B.F.A. (Applied Arts) 6th Semester

PAPER - BFA – B- 604 - MAGAZINE LAYOUT & TYPOGRAPHY

Time-12hrs. **Maximum Marks-200 (Sessional-100; Examination-100) Credit 4+4= 8**
Size: half sheet. **Medium: Pencil, pen and ink, water colour**

Courses of study:(Same as 3rd Semester)

No. of assignments:

No. of Magazine layouts: 02, Creative Magazine Ad: 01, Teaser: 01,
POP Item/ Sales Promotion Item (Key Ring, Dangler, Wobblers, T Shirt, Cap, Book Marks etc.): 02
Free-hand sketching: 500 Illustration for Book – 1 book with at least 10 pages.

PAPER – BFA – B- 605 - POSTER DESIGN

Time-12hrs. **Maximum Marks-200 (Sessional-100; Examination-100) Credit 4+4= 8**
Size: 20”x 30” **Medium: Poster colours, pen and ink, water colour**

Courses of study:(Same as 3rdSemester)**No. of assignments:**

No. of Posters: 02, Hoarding: 01 (2D/ 3D/ Collage/ New Media), Cut-out: 01, Counter Display: 01.

Drawing – 5 (Portrait, Full figure, Animal etc. in poster colour, water colour, pencil shading, oil pastel, etc.)

PAPER – BFA – B- 606 - PHOTOGRAPHY

Time-12hrs.

Maximum Marks-200 (Sessional-100; Examination-100) Credit 4+4= 8

Size: 8” x12” (Student will have to submit 2 photographs according to given subject by examiner)

Courses of study: (Same as 3rdSemester)

- (i) Abstract Composition
- (ii) Texture
- (iii) Food Photography
- (iv) Architectural Photography
- (v) Digital Manipulation

No. of assignments:

Minimum 03 photos for each category (Some Photos can be printed in Black & white).

PAPER – BFA- B- 607- COMPUTER GRAPHICS

Time-12hrs.

Maximum Marks-200 (Sessional-100; Examination-100) Credit 4+4= 8

Size: As per requirement

Courses of study:(Same as 3rdSemester)**No. of assignments:**

Press ad/ Magazine Ads: 2 (On different topics)

Poster: 2

Visiting Card: 02 Logo: 02

Letterhead: 02

Book Cover/ Magazine Cover: 2

Point of Purchase item: 01 Packaging item: 01

Note: After the completion of BFA 3rd Year exam, students must to go for “Internship” to any Advertising Agency/ Photographer/ Designer/ Professional/ Printing Agency etc., at-least for 1 month during summer vacation and they have to produce a “Certificate” of Internship in the dept.

PAPER- BFA – B- 708 - ART INTERNSHIP

(Practical) PAPER- BFA – B- 708 - Art Internship	
Cos#	Course Outcome
BFA-B-708.1	Conceptualize the role and developmental nature of experimental learning in art.
BFA-B-708.2	Enhances to promote the coordination of experimental learning programs and its integration in to total curriculum.
BFA-B-708.3	Understanding to establish and maintain relationship with national and regional associations concerned with Art education.
BFA-B-708.4	Developing theoretical insights and practical applications to the course as a whole and to external group contributions and individual skills.

Table 2: CO – PO matrix for the course BFA-B-708 (Art Internship)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-B-708.1	1	2	2	2	-	1	1	1	3	1

BFA-B-708.2	1	1	1	1	-	1	1	1	3	-
BFA-B-708.3	1	2	1	3	-	2	2	1	3	1
BFA-B-708.4	2	2	2	2	1	1	1	1	3	1
Average	1.25	1.75	1.5	2	1	1.25	1.25	1	3	1

Table 3: CO – PSO matrix for the course BFA- B-708 (Art Internship)

	PSO1	PSO2	PSO3	PSO4
BFA-B-708.1	2	3	1	2
BFA-B-708.2	1	3	2	3
BFA-B-708.3	2	3	2	1
BFA-B-708.4	3	2	1	2
Average	2	2.75	1.5	2

Time- 1 Month Maximum Marks-100 Credit -4

Course of Study:

After the completion of BFA 3rd Year (6th Semester) exam, students must to go for “Internship” to any Advertising Agency/ Photographer/ Designer/ Professional Advertisement maker / Printing Agencies etc., at-least for 1 month during summer vacation and they have to produce a “Certificate” of Internship issued by the concerned Authority & Art Work Created During Internship With attendance proof.

Note: The Evaluation Marks will be added in 7th Semester DMC.

Theory Syllabus B.F.A. (Applied Arts) 7th Semester
w.e.f. 2023-24

Paper- BFA – ABC- 701- HISTORY OF MODERN INDIAN ART

Time: 3 Hrs. Maximum Marks: 80 + 20 Internal Assmnt, Credit - 4

Courses of Study : Same as in Painting (Group A)

PAPER- BFA- ABC – 702- HISTORY OF MODERN WESTERN ART

Time: 3 Hrs. Maximum Marks: 80 + 20 Internal Assmnt, Credit - 4

Courses of Study: Same as in Painting (Group A)

PAPER- BFA – B – 703 - ADVERTISING PROFESSION & PRACTICE

(Theory) PAPER- BFA – B – 703 - Advertising Profession & Practice	
Cos#	Course Outcome
BFA-B-703.1	Understand the emotion and psychology of human being and this will help to design campaign more effectively.
BFA-B-703.2	Enhances to analyze contemporary visual arts development and issues, as well as current trends in the market.
BFA-B-703.3	Enhances the skill to resolve complex problems that demonstrate an advanced level of competency to design advertisements.
BFA-B-703.4	Develop creative solution to address advertising and marketing communications challenges.

Table 2: CO – PO matrix for the course BFA-B-703 (Advertising Profession & Practice)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-B-703.1	2	2	2	2	1	1	1	2	3	1
BFA-B-703.2	1	1	1	1	-	1	-	2	3	1
BFA-B-703.3	1	1	1	1	-	1	1	1	3	1
BFA-B-703.4	1	1	1	2	-	1	-	1	3	1
Average	1.25	1.25	1.25	1.5	1	1	1	1.5	3	1

Table 3: CO – PSO matrix for the course BFA- B-703 (Advertising Profession & Practice)

	PSO1	PSO2	PSO3	PSO4
BFA-B-703.1	2	2	2	3
BFA-B-703.2	1	3	3	3
BFA-B-703.3	2	3	2	2
BFA-B-703.4	1	2	3	3
Average	1.5	2.5	2.5	2.75

Time: 3 Hrs.**Maximum Marks: 80 + 20 Internal Assmnt , Credit - 4****Instructions:**

- (i) No. of Questions to be set: 09 (02 Questions from each unit) and Question No. 01 is to be set from all over the Units i.e. short type Questions.
- (ii) No. of Questions to be attempted : 05 .Question No. 01 is compulsory
- (iii) All Questions will be of equal marks.

Details of course works:**Unit-1**

Introduction of Campaign, Campaign Planning, Appeal (Rational & Emotional), Different types of Appeal, Use of appeal in campaign planning, objectives, continuity. Campaign Planning, creativity and Psychology in advertising, Different kinds of Campaigns: Social, Product, Institutional / Services, Event based, Film &TV Serials. Design approach of campaigning.

Unit -2

Corporate Image and Corporate Identity (Logo, Symbol, Logo type, Insignia, Emblem, Monogram, Trade Mark etc.)Advertising Effectiveness, Pre Testing & Post Testing of Advertising. Types of Advertising copy, How to write effective copy, Features of effective advertising copy.

Unit-3

Advertising Agency, its structure and different departments. Types of Advertising agency, Function of different departments. Role of art studio in the Agency.

Unit-4

Communication and its type.Objectives of Communication, Visual Communication Design, Communication Process, Role of Communication in Advertising, How to make effective communication in advertising, Communication Mix, Barriers in good communication.

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

- (i) Two handwritten Assignments : 10%
(1st Assignment after one month & 2nd after two months)
- (ii) One Class Test (One period duration) : 5%
- (iii) Attendance : 5%

Marks for attendance will be given as under:-

- (1) 91% onwards : 5 Marks
- (2) 81% to 90% : 4 Marks
- (4) 70% to 74% : 2 Marks
- (5) 65% to 69% : 1 Marks

(3) 75% to 80% : 3 Marks

Practical Syllabus BFA (Applied Arts)7th Semester

PAPER – BFA- B- 704- PRODUCT CAMPAIGN DESIGN

(Practical) PAPER – BFA- B- 704 - Product Campaign Design	
Cos#	Course Outcome
BFA-B-704.1	Enhances the skill to understand society needs, culture and advertising ethics.
BFA-B-704.2	Develop innovative and original visual communication on time and within budget to meet the specific needs of the client.
BFA-B-704.3	Enhances the knowledge to communicate ideas, object and emotion to resolve complex problems effectively
BFA-B-704.4	Improve to explain historical and contemporary works of advertising art form in a critical perspective.

Table 2: CO – PO matrix for the course BFA-B-704 (Product Campaign Design)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-B-704.1	1	3	2	3	1	2	1	2	3	1
BFA-B-704.2	1	2	1	1	-	1	1	1	3	1
BFA-B-704.3	1	2	2	2	1	2	1	2	3	1
BFA-B-704.4	2	3	2	2	1	2	1	2	3	1
Average	1.25	2.5	1.75	2	1	1.75	1	1.75	3	1

Table 3: CO – PSO matrix for the course BFA- B-704 (Product Campaign Design)

	PSO1	PSO2	PSO3	PSO4
BFA-B-704.1	1	3	2	3
BFA-B-704.2	1	2	3	3
BFA-B-704.3	2	2	3	3
BFA-B-704.4	2	2	3	3
Average	1.5	2.25	2.75	3

Maximum Marks-100 (Sessional) Credit 4

Size: As per requirement

Medium: Any Medium

Courses of study:

- A. Introduction to advertising campaigns, Use of appeals and USP in designing advertising campaigns for products and services, knowledge of the principles and stages in designing campaigns.
- B. Exercises of illustration with the different media on stories, poems & myths for designing of books for kids.

No. of assignments: 01, Product campaign

Items of Product Campaigns: [Poster: 02, Hoarding:01. Mg Ad: 01, Press Ad: 01, Window Display: 01, Counter Display: 01, Dangler: 01, Wobblers: 01, Kiosk Sign Board: 01, Cut Out: 01, Packaging / Labeling: 01, Different Sign Boards (Like Car Parking, Toilets, Drinking Water, VIP Seat, Media Seat, Managing Director, Office), Logo, Letter head, Visiting Card, Envelope, Invitation Card] *Note: Create, which is applicable.*

Illustration for Book – 5

PAPER – BFA – B- 705 - SOCIAL CAMPAIGN DESIGN

(Practical) PAPER – BFA – B- 705 - Social Campaign Design	
Cos#	Course Outcome
BFA-B-705.1	Enhances the knowledge to collect social information, establish and maintain relationship with society.
BFA-B-705.2	Develop the ability to think open- mindedly with the ability to consider alternative systems of thoughts that challenge received notions and social cultural bias.
BFA-B-705.3	Develop the skill and ability to understand society needs, culture, social issues and advertising ethics.
BFA-B-705.4	Enhances the knowledge to consider the role of art making in the larger social context.

Table 2: CO – PO matrix for the course BFA-B-705 (Social Campaign Design)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-B-705.1	2	3	2	3	1	2	1	1	3	2
BFA-B-705.2	2	3	2	3	1	1	1	2	3	3
BFA-B-705.3	1	3	3	3	1	2	1	1	3	1
BFA-B-705.4	2	3	2	2	1	2	1	1	3	1
Average	1.75	3	2.25	2.75	1	1.75	1	1.25	3	1

Table 3: CO – PSO matrix for the course BFA- B-705 (Social Campaign Design)

	PSO1	PSO2	PSO3	PSO4
BFA-B-705.1	2	2	3	3
BFA-B-705.2	3	2	3	3
BFA-B-705.3	1	3	2	3
BFA-B-705.4	2	3	2	3
Average	2	2.5	2.5	3

Maximum Marks-100 (Sessional) Credit 4

Size: As per requirement Medium: Any Medium

Courses of study:

Collection of data regarding social issues and problems designing advertising campaigns on these issues and problems, designing campaigns for creating social awareness.

No. of assignments: 01, Social Campaign

Items of Social Campaigns: [Poster: 02, Hoarding:01. Mg Ad: 01, Press Ad: 01,Flags:01, Cut out:01, Banner: 01, Different Sign Boards (Like Car Parking, Toilets, Drinking Water, VIP Seat, Media Seat, Managing Director, Office), Logo, Letter head, Visiting Card, Envelope, Invitation Card] *Note: Create, which is applicable.*

Free-hand sketching: 500

Drawing – 5 (Portrait, Full figure, Animal etc. in poster colour, water colour, pencil shading, oil pastel, etc.)

PAPER – BFA- B- 706 - ADVANCE PHOTOGRAPHY

(Practical) PAPER – BFA- B- 706 - Advance Photography	
Cos#	Course Outcome
BFA-B-706.1	Understand the relationship among society, images and rules of photography.
BFA-B-706.2	Knowledge of various forms of an image presentation and its impact on viewers.
BFA-B-706.3	Enhance to identify, describe, and analyze the style and genres of photographer.
BFA-B-706.4	Enhance the uses of software for non- destructive image, correction enhancement, manipulation and

	creative interpretation of photographs.
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Table 2: CO – PO matrix for the course BFA-B-706 (Advance Photography)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-B-706.1	1	2	1	2	1	1	1	2	3	1
BFA-B-706.2	2	2	2	3	-	1	-	1	3	1
BFA-B-706.3	-	1	-	1	-	1	-	1	3	1
BFA-B-706.4	1	1	1	1	1	1	1	1	3	1
Average	1.34	1.5	1.34	1.75	1	1	1	1.25	3	1

Table 3: CO – PSO matrix for the course BFA- B-706 (Advance Photography)

	PSO1	PSO2	PSO3	PSO4
BFA-B-706.1	1	3	2	2
BFA-B-706.2	1	3	2	1
BFA-B-706.3	1	2	3	3
BFA-B-706.4	2	3	1	3
Average	1.25	2.75	2	2.25

Maximum Marks-100 (Sessional) Credit 4

Size: 8" x12" (Student will have to submit 2 photographs according to given subject by examiner)

Courses of study:

Advance work for advertising in Photography.

Subject:

- (i) Street Photography
- (ii) Fashion photography
- (iii) Black & White photography
- (iv) Digital Manipulation
- (v) Travel Photography

No. of assignments:

Minimum 06 photos for each category(Some Photos can be printed in Black & white).

PAPER – BFA- B- 707 - COMPUTER GRAPHICS

(Practical) PAPER – BFA- B- 707 - Computer Graphics	
Cos#	Course Outcome
BFA-B-707.1	Develop the knowledge of current professional standards in their chosen media as well as the ability to redefine those standards.
BFA-B-707.2	Uses of a variety of effect including compositing, text generation, multiple effects, manipulation, and colour correction.
BFA-B-707.3	Develops strong conceptual ideas and artistic form using techniques and different software.
BFA-B-707.4	Develops an individual portfolio of graphic design and illustrations.

Table 2: CO – PO matrix for the course BFA-B-707 (Computer Graphics)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-B-707.1	1	1	1	1	-	1	-	1	3	-
BFA-B-707.2	-	-	-	-	-	1	-	1	3	-
BFA-B-707.3	1	1	1	1	-	1	1	1	3	1
BFA-B-707.4	-	1	-	-	-	1	-	-	3	-
Average	1	1	1	1	-	1	1	1	3	1

Table 3: CO – PSO matrix for the course BFA- B-707 (Computer Graphics)

	PSO1	PSO2	PSO3	PSO4
BFA-B-707.1	1	3	2	2
BFA-B-707.2	1	3	2	2
BFA-B-707.3	3	2	3	2
BFA-B-707.4	1	3	1	1
Average	1.5	2.75	2	1.75

Maximum Marks-100 (Sessional) Credit 4

Size: As per requirement

Courses of study:

Advanced study in CorelDraw, introduction and advanced proficiency in Photoshop, MS Word and PageMaker, use of design software in designing Product and Social campaigns.

No. of assignments:

Advertising Campaign: 02 (Institutional, Cinema, Event) *Including one Group Project*

No. of Items in each Campaign: (Note: which is applicable in particular campaign)

[Poster: 02, Hoarding:01, Mg Ad: 01, Press Ad: 01, Window Display: 01, Counter Display: 01, Cut out: 01, Banner: 01, Calendar: (Table/ wall) 01, Dangler: 01, Wobblers: 01, Kiosk Sign Board: 01, Cut Out: 01, Packaging / Labeling: 01, Different Sign Boards (Like Car/ Motor cycle Parking, Toilets, Drinking Water, VIP Seat, Media Seat, Passes/ Ticket, Mobile Advertisement, Managing Director, Office), Logo, Letter head, Visiting Card, Envelope, Invitation Card] *Note: Create, which is applicable.*

PAPER- BFA – B- 708 - ART INTERNSHIP

After the completion of BFA 3rd Year (6th Semester) exam, students must to go for “Art Internship” Please find details on 6th Sem.

PAPER - BFA – OE -709 ----- Open Elective ---- EXAM

Maximum Marks- 50 (Sessional) Credit - 2

Note - Subject Opted from other departments of Kurukshetra University, Kurukshetra

Theory Syllabus B.F.A. (Applied Arts)8th Semester **w.e.f. 2023-24**

PAPER- BFA – ABC – 801 -HISTORY OF MODERN INDIAN ART

Time: 3 Hrs. Maximum Marks: 80 + 20 Internal Assmnt, Credit - 4

Courses of Study: Same as in Painting (Group A)

PAPER- BFA – ABC – 802 -HISTORY OF MODERN WESTERN ART

Time: 3 Hrs. Maximum Marks: 80+20 Internal Assmnt,Credit - 4

Courses of Study: Same as in Painting (Group A)

PAPER- BFA – B – 803 -ADVERTISING PROFESSION & PRACTICE

(Theory) PAPER- BFA – B – 803 -Advertising Profession & Practice	
Cos#	Course Outcome
BFA-B-803.1	Enhance ability to critically analyze and interpret new forms, media, and content in advertising.
BFA-B-803.2	Develop the ability to articulate thoughts in writing and in oral presentation related to market, and different type of field research
BFA-B-803.3	Enhances the strength to go for entrepreneurship as designer.
BFA-B-803.4	Enhances in developing their aesthetics sense and technical control through synthesis of acquired skill.

Table 2: CO – PO matrix for the course BFA-B-803 (Advertising Profession & Practice)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-B-803.1	1	2	1	2	-	1	-	1	3	1
BFA-B-803.2	-	1	-	1	-	1	-	1	3	1
BFA-B-803.3	-	-	-	-	-	-	-	-	3	-
BFA-B-803.4	2	2	2	2	1	1	2	2	3	1
Average	1.5	1.67	1.5	1.67	1	1	2	1.34	3	1

Table 3: CO – PSO matrix for the course BFA- B-803 (Advertising Profession & Practice)

	PSO1	PSO2	PSO3	PSO4
BFA-B-803.1	2	3	2	1
BFA-B-803.2	2	3	2	1
BFA-B-803.3	1	3	2	2
BFA-B-803.4	3	3	1	1
Average	2	3	1.75	1.25

Time: 3 Hrs.

Maximum Marks: 80 + 20 Internal Assmnt, Credit - 4

Instructions:

- (i) No. of Questions to be set: 09 (02 Questions from each unit) and Question No. 01 is to be set from all over the Units i.e. short type Questions.
- (ii) No. of Questions to be attempted : 05 .Question No. 01 is compulsory
- (iii) All Questions will be of equal marks.

Details of course works:

Unit-1

Introduction to marketing.Importance of Marketing, Marketing Mix, 4P's of marketing (Product, Price, Place & Promotion).

Unit -2

Research and Motivational Research – present and future action.Market Research & Analysis, Copy Research, Product Research.Visual Merchandising.

Unit-3

Different functions of Advertising Business. Market Segmentation, Target Audience, Consumer Behavior in Advertising. Waste in advertising, meaning & reason. Publicity & Propaganda. Future of Advertising – Career options in Internet Advertising, web designing and Animation.

Unit-4

Brief introduction of some Important Ad Agencies (McCann Erickson India Pvt Ltd, Lintas, Mudra, JWT, Ogilvy& Mather etc.), Brief Study of Photographers (Lala Deendayal, Raghu Rai, Homai Vyarawalla, Aditya Arya, Dabhu

Ratnani etc.), Important Ad Film Directors/ Creative Art Directors (Piyush Pandey, Prahlad Kakkar, Prasoon Joshi, R. Balakrishnan etc.)

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

- (i) Two handwritten Assignments : 10%
(1st Assignment after one month & 2nd after two months)
- (ii) One Class Test (One period duration) : 5%
- (iii) Attendance : 5%

Marks for attendance will be given as under:-

- | | | | | | |
|-----------------|---|---------|----------------|---|---------|
| (1) 91% onwards | : | 5 Marks | (4) 70% to 74% | : | 2 Marks |
| (2) 81% to 90% | : | 4 Marks | (5) 65% to 69% | : | 1 Marks |
| (3) 75% to 80% | : | 3 Marks | | | |

Suggested Reading

- (i) Foundation of Advertising (Theory and Practice) – SA Chunawala & KC Sethia
- (ii) Advertising and Sales Management – Mukesh Trehan & Ranju Trehan
- (iii) Advertising and Sales Management – Mukesh Trehan & Ranju Trehan (Hindi Edition)
- (iv) Packaging Design : Graphics , Material Technology – Steven Sonsino.
- (v) Sign Design : Graphics, Materials & Techniques – Mitzi Sims
- (vi) Paste up for Graphic Arts Production – Kenneth F. Hird
- (vii) Making a Good Layout – Lorisieber & Lisa Balla
- (viii) Type in Use – Alex White
- (ix) Graphic Designing and Reproduction Techniques – Peter Croy.
- (x) foKki u *rduhd , oafI }klr* %ujhñz ; kno
- (xi) foKki u fMtkbZ %ujhñz ; kno
- (xii) foKki u dyk %, dsoj iI kn gVoky
- (xiii) foKki u %v'kkd egktu

Practical Subjects BFA (Applied Arts)8th Semester

PAPER – BFA- B- 804 - PRODUCT CAMPAIGN DESIGN

Time- 18hrs. Maximum Marks-200 (Sessional-100; Examination-100) Credit 4+4= 8

Size: As per requirement Medium: Any Medium

Courses of study:(same as 7th Semester)

No. of assignments: 01, Product campaign

Items of Product Campaigns: [Poster: 02, Hoarding:01. Mg Ad: 01, Press Ad: 01, Window Display: 01, Counter Display: 01, Dangler: 01, Wobblers: 01, Kiosk Sign Board: 01, Cut Out: 01, Packaging / Labeling: 01, Different Sign Boards (Like Car Parking, Toilets, Drinking Water, VIP Seat, Media Seat, Managing Director, Office), Logo, Letter head, Visiting Card, Envelope, Invitation Card] *Note: Create, which is applicable.*

Illustration for Book – 5

PAPER – BFA – B- 805 -SOCIAL CAMPAIGN DESIGN

Time- 18hrs. Maximum Marks-200 (Sessional-100; Examination-100) Credit 4+4= 8

Size: As per requirement Medium: Any Medium

Courses of study:(same as 7th Semester)

No. of assignments: 01, Social Campaign

Items of Social Campaigns: [Poster: 02, Hoarding:01. Mg Ad: 01, Press Ad: 01,Flags:01, Cut out:01, Banner: 01, Different Sign Boards (Like Car Parking, Toilets, Drinking Water, VIP Seat, Media Seat, Managing Director, Office), Logo, Letter head, Visiting Card, Envelope, Invitation Card] *Note: Create, which is applicable.*

Free-hand sketching: 500

Drawing – 5 (Portrait, Full figure, Animal etc. in poster colour, water colour, pencil shading, oil pastel, etc.)

PAPER – BFA- B- 806 -ADVANCE PHOTOGRAPHY

Time-12Hrs.

Maximum Marks-200 (Sessional-100; Examination-100) Credit 4+4= 8

Size: 8” x12” (Student will have to submit 2 photographs according to given subject by examiner)

Courses of study: Advance work for advertising in Photography.

Subject:

- (i) Photography for Journalism
- (ii) Photo Montage/ Photo Collage
- (iii) Photo series / Photo essay (based on a particular theme)
- (iv) Photography for illustration /Story Board.
- (v) Experimental Photography (like Slow Shutter Speed, Panning, Zoom Burst, Long Exposure, Multiple Exposure etc.)

No. of assignments:

Minimum 06 photos for each category(Some Photos can be printed in Black & white).

PAPER – BFA- B- 807 - COMPUTER GRAPHICS

Time-12hrs.

Maximum Marks-200 (Sessional-100; Examination-100) Credit 4+4= 8

Size: As per requirement

Courses of study:(same as 7th Semester)Including oneCompulsory Project Assignment

No. of assignments:

Advertising Campaign: 01 (Institutional, Cinema, Event) *Including one Group Project*

No. of Items in each Campaign: (Note: which is applicable in particular campaign)

[Poster: 02, Hoarding:01. Mg Ad: 01, Press Ad: 01, Window Display: 01, Counter Display: 01, Cut out: 01, Banner: 01, Calendar: (Table/ wall) 01, Dangler: 01, Wobblers: 01, Kiosk Sign Board: 01, Cut Out: 01, Packaging / Labeling: 01, Different Sign Boards (Like Car/ Motor cycle Parking, Toilets, Drinking Water, VIP Seat, Media Seat, Passes/ Ticket, Mobile Advertisement, Managing Director, Office), Logo, Letter head, Visiting Card, Envelope, Invitation Card] **Compulsory Project Assignment will be based on contemporary study about Art Trends /Traditional Art/ Visit of any Art Sites / Galleries /Art Fairs/ Art Tour or Any Professional Art work/ Commission Work created by candidate individually or in Group of maximum 3 students.**

B.F.A. – SCULPTURE(GROUP – C) **Theory Syllabus B.F.A.(Sculpture) 3rd Semester** **w.e.f. 2021-22**

PAPER- BFA- ABC – 301 - HISTORY OF ANCIENT INDIAN ART

Time-3 hrs.

Maximum Marks: 80 + 20 Internal Assmnt , Credit - 4

Courses of study: Same as in Painting(Paper- BFA-ABC- 301)

PAPER- BFA – C – 302 -METHOD AND MATERIAL

(Theory) PAPER- BFA – C – 302-Method And Material	
Cos#	Course Outcome
BFA-C-302.1	Integrate the course wide materials requirement to develop an overall artistic knowledge.
BFA-C-302.2	Knowledge about the application of various material working method and inventory controlling techniques into practice.
BFA-C-302.3	Inculcate the professional artistic development, attitude, higher – order thinking skills.
BFA-C-302.4	Enhance to understand the basic Artistic development theory.

Table 2: CO – PO matrix for the course BFA-C-302 (Method& Material)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-C-302.1	1		-	-	-	3	2	3	3	1
BFA-C-302.2	2	3	2	1	2	3	2	3	3	1
BFA-C-302.3	2	3	2	2	3	3	2	2	3	2
BFA-C-302.4	3	2	2	2	2	3	2	2	3	2
Average	2	2.5	2	1.67	2.34	3	2	2.5	3	1.5

Table 3: CO – PSO matrix for the course BFA- C-302 (Method& Material)

	PSO1	PSO2	PSO3	PSO4
BFA-C-302.1	1	3	2	3
BFA-C-302.2	1	3	3	1
BFA-C-302.3	3	2	2	3
BFA-C-302.4	2	2	2	2
Average	1.75	2.5	2.25	2.25

Time- 3 hrs. **Maximum Marks: 80 + 20 Internal Assmnt** **Credit - 4**

Instructions:

- (i) No. of Questions to be set: 09 (02 Questions from each unit) and Question No. 01 is to be set from all over the Units i.e. short type Questions.
- (ii) No. of Questions to be attempted : 05 .Question No. 01 is compulsory
- (iii) All Questions will be of equal marks.

Details of course works:

Unit-1

Study of various media like clay, ceramic, wood, cement, plaster of parish etc. and techniques employed in creative sculpture (including molding and casting)

Unit -2

Coloring and finishing of plaster, Cement and Wood sculptures and firing of terracotta, pottery and ceramic.

Unit-3

Study of various stone, marble and metals for casting and fabrication like aluminum, bronze, copper, mild steel etc.

Unit-4

Mural Work, Types of Mural (Direct & Indirect Mural Techniques), Method & Material use for Mural Making

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

- | | | |
|---------------------------------|---|-----|
| (i) Two handwritten Assignments | : | 10% |
|---------------------------------|---|-----|

(1st Assignment after one month & 2nd after two months)

(ii) One Class Test (One period duration) : 5%

(iii) Attendance : 5%

Marks for attendance will be given as under:-

(1) 91% onwards : 5 Marks (4) 70% to 74% : 2 Marks

(2) 81% to 90% : 4 Marks (5) 65% to 69% : 1 Marks

(3) 75% to 80% : 3 Marks

Book Reading

(iii) A handbook of method and Material – Ray Smith

(iv) fp=.k l lexh - Mko vkj0 cl0 fl g

Practical Syllabus B.F.A.(Sculpture) 3rd Semester **w.e.f. 2021-22**

PAPER- BFA – C- 303 -DRAWING

(Practical) PAPER- BFA – C- 303 -Drawing	
Cos#	Course Outcome
BFA-C-303.1	Practicing and creating art with different Drawing medium and developing artistic skill.
BFA-C-303.2	Functional knowledge of tradition, conventions, and evolution of the discipline as related to issue of representation and illusion.
BFA-C-303.3	Ability to synthesize the use of drawing, two dimensional compositions and colour.
BFA-C-303.4	Enhances the emotional intelligence through lines and forms.

Table 2: CO – PO matrix for the course BFA-C- 303 (Drawing)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-C-303.1	2	3	2	3	1	2	2	3	3	-
BFA-C-303.2	2	2	2	2	1	3	3	2	3	-
BFA-C-303.3	2	3	2	2	1	3	3	-	3	1
BFA-C-303.4	3	3	3	1	1	3	2	-	3	1
Average	2.25	2.75	2.25	2	1	2.75	2.5	2.5	3	1

Table 3: CO – PSO matrix for the course BFA- C- 303 (Drawing)

	PSO1	PSO2	PSO3	PSO4
BFA-C-303.1	2	3	3	1
BFA-C-303.2	2	3	3	2
BFA-C-303.3	1	2	2	2
BFA-C-303.4	1	3	2	1
Average	1.5	2.75	2.5	1.5

Max. Marks : 100 (Sessional) Credit 4

Minimum Size : Half Sheet

Medium : Pencil, Crayon, Conte, Charcoal.

No. of Assignments: 8

Courses of Study:

Drawing in Pencil, Crayon etc. from life, Antique models and other objects from Nature as also creative drawing reflecting structure of compositional concept.

PAPER- BFA – C- 304-COMPOSITION

(Practical) PAPER- BFA – C- 304-Composition	
Cos#	Course Outcome
BFA-C-304.1	Imparting knowledge with Practical Assignments & manipulate, integrate, engineer materials to build three dimensional art.
BFA-C-304.2	Enhancing the skill of research on form, materials and techniques as needed by the direction of their sculptural work.
BFA-C-304.3	Develop ideas that are relevant and responsive to the world around.
BFA-C-304.4	Improves emotional intelligence by using earth material.

Table 2: CO – PO matrix for the course BFA-C-304 (Composition)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-C-304.1	2	3	3	2	2	3	3	3	2	1
BFA-C-304.2	2	2	2	-	2	3	1	2	3	1
BFA-C-304.3	2	3	2	3	-	3	2	-	2	2
BFA-C-304.4	1	2	-	-	1	2	2	1	2	2
Average	1.75	2.5	2.34	2.5	1.67	2.75	2	2	2.25	1.5

Table 3: CO – PSO matrix for the course BFA- C-304 (Composition)

	PSO1	PSO2	PSO3	PSO4
BFA-C-304.1	2	3	2	1
BFA-C-304.2	1	3	2	2
BFA-C-304.3	2	1	2	3
BFA-C-304.4	2	3	2	2
Average	1.75	2.5	2	2

Max. Marks : 100 (Sessional) Credit 4

Minimum Size: 12"x12"

Medium :Clay.

No. of Assignments : 03

Courses of Study:

Composition in Clay and in cast/ direct plaster with human figure, animal, birds and other objects and experiences from nature. Casting in plaster and cement round and relief.

PAPER- BFA – C- 305- PORTRAIT

(Practical) PAPER- BFA – C- 305- Portrait	
Cos#	Course Outcome
BFA-C-305.1	Knowledge of acquiring skills associated with the use of sculpture medium & supports.
BFA-C-305.2	Treatment & study of human head, form, shape, rhythm, and curves.
BFA-C-305.3	Enhancing the method of developing skills and patients.
BFA-C-305.4	Practicing with different medium impart the knowledge of art techniques.

Table 2: CO – PO matrix for the course BFA-C-305 (Portrait)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-C-305.1	3	3	-	2	-	3	2	2	3	1
BFA-C-305.2	2	3	-	2	-	2	3	3	2	1
BFA-C-305.3	2	3	2	2	1	1	2	2	3	-
BFA-C-305.4	2	2	1	-	-	1	1	3	3	-
Average	2.25	2.75	1.5	1.5	1	1.75	2	2.5	2.75	1

Table 3: CO – PSO matrix for the course BFA- C-305 (Portrait)

	PSO1	PSO2	PSO3	PSO4
BFA-C-305.1	1	3	2	2
BFA-C-305.2	1	3	2	1
BFA-C-305.3	2	3	2	2
BFA-C-305.4	1	2	2	2
Average	1.25	2.75	2	1.75

Max. Marks : 100 (Sessional) Credit 4

Minimum Size : Life Size

Medium :Clay& Plaster.

No. of Assignments :03

Courses of Study:

Head Study in Clay from plaster casts (Antiques -Eastern and Western) and from life model with and without the use of calipers, waste mould and cast in plasters.

PAPER- BFA – C- 306 - MURAL

(Practical) PAPER- BFA – C- 306- Mural	
Cos#	Course Outcome
BFA-C-306.1	Knowledge to demonstrate visual literacy, including competency in the non-verbal languages of art.
BFA-C-306.2	Enhances to demonstrate competency in skill necessary for mural work including large scale work.
BFA-C-306.3	Competency and experience in the application process of creating work of mural projects.
BFA-C-306.4	Imparting knowledge of using natural and metal materials for execution of mural works.

Table 2: CO – PO matrix for the course BFA-C-306 (Mural)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-C-306.1	2	3	1	2	1	3	2	3	3	1
BFA-C-306.2	1	3	3	2	1	1	3	3	2	1
BFA-C-306.3	-	3	2	2	2	-	2	3	2	1
BFA-C-306.4	2	-	-	-	2	-	-	3	1	-
Average	1.67	3	2	2	1.5	2	2.34	3	2	1

Table 3: CO – PSO matrix for the course BFA- C-306 (Mural)

	PSO1	PSO2	PSO3	PSO4
BFA-C-306.1	2	3	2	2
BFA-C-306.2	2	2	1	1
BFA-C-306.3	3	3	1	2
BFA-C-306.4	1	2	3	2
Average	2	2.5	1.75	1.75

Max. Marks : 100 (Sessional) Credit 4

Minimum Size: 12" x 12"C

Medium : Clay, Cement, Wood Carving/POP Carving/ Terracotta, Scrape Materials.

No. of Assignments : 03

Courses of Study:

Direct & Indirect Mural Techniques in Clay, Cement, Wood, Metal, Scrape, with proper understanding of the character of different material and tools employed to fix and finish. Use of common bodies of different types of used for Mural.

PAPER- BFA – ABC- 307 -COMMUNICATIVE ENGLISH

Time- 3 Hrs. Maximum Marks: 80 + 20 Internal Assmnt Credit - 4

Course of Study: Same as in Painting

Theory SyllabusB.F.A. (Sculpture) 4th Semester
w.e.f. 2021-22

PAPER -BFA- ABC- 401: HISTORY OF EARLY WESTERN ART

Time- 3 hrs. Maximum Marks: 80 + 20 Internal Assmnt Credit - 4

Courses of study: Same as in Painting (Paper – BFA- ABC- 401)

PAPER :- BFA- C- 402- METHOD AND MATERIAL

(Theory) PAPER :- BFA- C- 402 -Method And Material	
Cos#	Course Outcome
BFA-C-402.1	Understanding of the possibility and the limitation of various materials & method.
BFA-C-402.2	Knowledge about the application of functional aspect of history and theory of sculpture.
BFA-C-402.3	Inculcate the professional artistic development, attitude, higher – order thinking skills.
BFA-C-402.4	Functional knowledge of the traditions, conceptual mode, and evolution of the discipline.

Table 2: CO – PO matrix for the course BFA-C-402 (Method& Material)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-C-402.1	2	3	-	-	1	2	2	-	1	-
BFA-C-402.2	2	3	2	2	1	3	3	3	-	1
BFA-C-402.3	1	1	1	-	1	2	1	1	-	-
BFA-C-402.4	2	1	1	2	1	2	2	3	3	1
Average	1.75	2	1.34	2	1	2.25	2	2.34	2	1

Table 3: CO – PSO matrix for the course BFA- C-402 (Method& Material)

	PSO1	PSO2	PSO3	PSO4
BFA-C-402.1	1	3	2	2
BFA-C-402.2	3	1	3	2
BFA-C-402.3	1	3	2	1
BFA-C-402.4	1	2	3	2
Average	1.5	2.25	2.5	1.75

Time- 3 hrs. Maximum Marks: 80 + 20 Internal Assmnt, Credit - 4

Instructions:

- (i) No. of Questions to be set: 09 (02 Questions from each unit) and Question No. 01 is to be set from all over the Units i.e. short type Questions.
- (ii) No. of Questions to be attempted : 05 .Question No. 01 is compulsory
- (iii) All Questions will be of equal marks.

Details of course works:

Unit-1

Technique of carving and tools used for carving and finishing, polishing.(Stone& Wood Material)

Unit -2

Different Techniques of mould making for metal casting & other casting material. (Rubber mould, POP Mould, Fiber Mould)

Unit-3

Italian & Indian Method of Metal Casting (Lost wax casting and sand casting).

Unit-4

Fabrication of metal Sculptures, patina and coloring
Introduction of Welding Methods.

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

- (i) Two handwritten Assignments : 10%
(1st Assignment after one month & 2nd after two months)
 - (ii) One Class Test (One period duration) : 5%
 - (iii) Attendance : 5%
- Marks for attendance will be given as under:-
- | | | | |
|-----------------|-----------|----------------|-----------|
| (1) 91% onwards | : 5 Marks | (4) 70% to 74% | : 2 Marks |
| (2) 81% to 90% | : 4 Marks | (5) 65% to 69% | : 1 Marks |
| (3) 75% to 80% | : 3 Marks | | |

Book Reading

- (i) A handbook of method and Material – Ray Smith
- (ii) *Art and Craft of the Sculptor* - M.K. Chatterjee

Practical Syllabus B.F.A. (Sculpture) 4th Semester
w.e.f. 2021-22

PAPER- BFA – C- 403: DRAWING

(Practical) PAPER- BFA – C- 403 -Drawing	
Cos#	Course Outcome
BFA-C-403.1	Developing Drawing skills further and increase knowledge of object drawing, with the emphasis of light and shade.
BFA-C-403.2	Knowledge to begin to explore thematic, symbol, and conceptual approaches to drawing.
BFA-C-403.3	Enhancing to develop advance understanding of pictorial space.
BFA-C-403.4	Increase foundation of a more singular or personal approach to painting

Table 2: CO – PO matrix for the course BFA-C-403 (Drawing)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-C-403.1	2	2	2	-	1	3	-	-	1	-
BFA-C-403.2	3	3	3	1	1	3	2	1	1	-
BFA-C-403.3	1	3	2	2	1	2	2	2	2	-
BFA-C-403.4	1	3	1	2	1	1	2	2	2	2
Average	1.75	2.75	2	1.67	1	2.25	2	1.67	1.5	2

Table 3: CO – PSO matrix for the course BFA- C-403 (Drawing)

	PSO1	PSO2	PSO3	PSO4
BFA-C-403.1	2	3	2	2
BFA-C-403.2	3	2	1	2
BFA-C-403.3	1	2	2	2
BFA-C-403.4	1	2	1	2
Average	1.75	2.25	1.5	2

Time : 6 Hours, Max. Marks : 200 (Sessional: 100, Examination-100) Credit 4+4=8

Minimum Size : Half Sheet

Medium : Pencil, Crayon, Conte, Charcoal.

No. of Assignments: 7

Courses of Study:

Drawing in Pencil, Crayon etc. from life, Antique models and other objects from Nature as also creative drawing reflecting structure of compositional concept.

PAPER- BFA – C- 404 -COMPOSITION

(Practical) PAPER- BFA – C- 404-Composition

Cos#	Course Outcome
BFA-C-404.1	Developing artistic skills further and increase knowledge of object, materials, methods and application.
BFA-C-404.2	Understand the interaction of concept, form and materials in making choices to articulately convey their personal intentions.
BFA-C-404.3	Knowledge to demonstrate an ability to identify and analyze the elements, principles and vocabulary of sculpture.
BFA-C-404.4	Inculcate to meet assigned parameters of a project by designing and constructing original sculptural objects.

Table 2: CO – PO matrix for the course BFA-C-404 (Composition)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-C-404.1	3	3	3	2	1	3	2	1	2	1
BFA-C-404.2	2	2	2	1	1	3	2	1	2	2
BFA-C-404.3	2	3	3	-	1	2	2	1	2	-
BFA-C-404.4	1	3	3	2	1	2	2	1	2	-
Average	2	2.75	2.75	1.67	1	2.5	2	1	2	1.5

Table 3: CO – PSO matrix for the course BFA- C-404 (Composition)

	PSO1	PSO2	PSO3	PSO4
BFA-C-404.1	2	3	2	2
BFA-C-404.2	2	3	2	3
BFA-C-404.3	1	2	2	3

BFA-C-404.4	2	3	1	2
Average	1.75	2.75	1.75	2.5

Time : 18 Hours, Max. Marks : 200 (Sessional: 100, Examination-100) Credit 4+4=8

Minimum Size: 12"x12"

Medium :Clay.

No. of Assignments : 03

Courses of Study:

Composition in Clay and in cast/ direct plaster with human figure, animal, birds and other objects and experiences from nature. Casting in plaster and cement round and relief.

PAPER- BFA – C- 405- PORTRAIT

(Practical) PAPER- BFA – C- 405-Portrait	
Cos#	Course Outcome
BFA-C-405.1	Practicing various study base Practical method of sculpture creation and object studies with different mediums and execution
BFA-C-405.2	Enhancing the skill of observation, to rudimentary & formal components of figure head drawing such as shape, mass, volume, foreshortening and proportion.
BFA-C-405.3	Improving the historical& contemporary approaches to the figurative process.
BFA-C-405.4	Inculcate the basic introduction to human anatomy.

Table 2: CO – PO matrix for the course BFA-C-405 (Portrait)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-C-405.1	3	3	3	1	1	3	2	2	2	1
BFA-C-405.2	3	2	3	2	1	2	2	2	2	1
BFA-C-405.3	3	1	3	1	1	2	2	1	2	1
BFA-C-405.4	3	1	3	2	1	3	2	1	2	-
Average	3	1.75	3	1.5	1	2.5	2	1.5	2	1

Table 3: CO – PSO matrix for the course BFA- C-405 (Portrait)

	PSO1	PSO2	PSO3	PSO4
BFA-C-405.1	2	3	2	2
BFA-C-405.2	1	3	3	2
BFA-C-405.3	2	1	3	3
BFA-C-405.4	1	2	1	2
Average	1.5	2.25	2.25	2.25

Time : 18 Hours, Max. Marks : 200 (Sessional:100, Examination-100) Credit 4+4=8

Minimum Size : Life Size

Medium :Clay& Plaster.

No. of Assignments :03

Courses of Study:

Head Study in Clay from plaster casts (Antiques -Eastern and Western) and from life model with and without the use of calipers, waste mould and cast in plasters.

PAPER- BFA – C- 406- MURAL

(Practical) PAPER- BFA – C- 406-Mural	
Cos#	Course Outcome
BFA-C-406.1	Knowledge to demonstrate visual literacy, including competency in the nonverbal languages of art.
BFA-C-406.2	Enhances to demonstrate competency in skill necessary for mural work including large scale work.
BFA-C-406.3	Competency and experience in the application process of creating original work on deadline for mural projects.
BFA-C-406.4	Imparting knowledge of using natural and metal materials for execution of mural works.

Table 2: CO – PO matrix for the course BFA-C-406 (Mural)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-C-406.1	2	3	1	2	1	3	2	1	3	2
BFA-C-406.2	1	3	3	2	1	3	3	-	2	2
BFA-C-406.3	2	3	2	2	2	2	2	1	2	1
BFA-C-406.4	2	-	-	-	2	1	-	-	1	-
Average	1.75	3	2	2	1.5	2.25	1.75	1	2	1.67

Table 3: CO – PSO matrix for the course BFA- C-406 (Mural)

	PSO1	PSO2	PSO3	PSO4
BFA-C-406.1	2	3	2	1
BFA-C-406.2	1	3	2	2
BFA-C-406.3	1	2	2	2
BFA-C-406.4	1	2	2	3
Average	1.25	2.5	2	1.75

Time : 18 Hours Max. Marks : 200 (Sessional:100, Examination-100) Credit 4+4=8

Minimum Size: 12" x 12"C

Medium : Clay, Cement, Wood Carving/POP Carving/ Terracotta, Scrape Materials.

No. of Assignments : 03

Courses of Study:

Direct & Indirect Mural Techniques in Clay, Cement, Wood, Metal, Scrape, with proper understanding of the character of different material and tools employed to fix and finish. Use of common bodies of different types of used for Mural.

PAPER: BFA – ABC- 407 - COMMUNICATIVE ENGLISH

Time- 3 Hrs. Maximum Marks: 80 + 20 Internal Assmnt Credit - 4

Courses of study: Same as in Painting (Paper – BFA- ABC- 407)

Theory Syllabus B.F.A(Sculpture) 5th Semester **w.e.f. 2022-23**

PAPER-BFA–ABC-501- HISTORY OF MEDIEVAL INDIAN ART

Time-3 hrs Maximum Marks: 80 + 20 Internal Assmnt, Credit - 4

Courses of study: Same as in Painting(Paper – BFA- ABC- 501)

PAPER-BFA-ABC-502-HISTORY OF MEDIEVAL WESTERN ART

Time- 3 hrs. Maximum Marks: 80 + 20 Internal Assmnt, Credit - 4

Courses of study: Same as in Painting(Paper – BFA- ABC- 502)

PAPER: BFA – AC- 503 -AESTHETICS (Indian)

Time: 3 Hrs. Maximum Marks: 80 + 20 Internal Assmnt, Credit - 4

Courses of study: Same as in Painting(Paper – BFA- AC- 503)

Practical Syllabus B.F.A (Sculpture) 5th Semester **w.e.f. 2022-23**

PAPER- BFA – C- 504- - DRAWING

(Practical) PAPER- BFA – C- 504- - Drawing	
Cos#	Course Outcome
BFA-C-504.1	Improving Practice of various study base Practical drawings of different creatures with different mediums and execution. Enhancing the skills.
BFA-C-504.2	Develop physical skills for handling medium and materials in the execution and presentation of a drawing.
BFA-C-504.3	Inculcate the manner of artistic creation in conjunction with a reflective critique process in which the student is able to synthesize his/her conceptual idea.
BFA-C-504.4	Knowledge of various forms of drawing presentation and its impact can have the meaning to life.

Table 2: CO – PO matrix for the course BFA-C- 504 (Drawing)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-C-504.1	3	3	3	1	1	2	2	2	2	--
BFA-C-504.2	-	3	2	-	1	3	--	--	2	--
BFA-C-504.3	2	3	1	-	1	3	2	2	2	2
BFA-C-504.4	2	2	-	-	1	2	2	2	2	2
Average	2.34	2.75	2	1	1	2.5	2	2	2	2

Table 3: CO – PSO matrix for the course BFA- C- 504 (Drawing)

	PSO1	PSO2	PSO3	PSO4
BFA-C-504.1	1	3	2	1
BFA-C-504.2	2	3	2	1
BFA-C-504.3	2	3	2	3
BFA-C-504.4	1	2	1	3
Average	1.5	2.75	1.75	2

Max. Marks: 100 (Sessional) Credit 4

Minimum Size : Half Sheet

Medium : Pencil, Crayon, Conte, Charcoal.

No. of Assignments :8

Courses of Study:

Advance exercise compared to syllabus of 2nd year with special emphasis on trunk and limbs of body as also figure, animal, birds in motion, layout for carving and casting.

PAPER- BFA – C- 505 – COMPOSITION

(Practical) PAPER- BFA – C- 505 -Composition	
Cos#	Course Outcome
BFA-C-505.1	Improving the composition sense with some of the historical connection between humans and sculpture objects.
BFA-C-505.2	Inculcate the knowledge to complete projects demonstrating a basic level of control over craftsmanship, clay drying times, and basic hand-building construction methods.
BFA-C-505.3	Knowledge to demonstrate a basic ability to balance aesthetic decisions with technical demands in the process of constructing a clay sculpture.
BFA-C-505.4	Improving to create clay objects on the potter's wheel, using fundamental baking techniques and incorporating the specific aesthetic of the sculpture object.

Table 2: CO – PO matrix for the course BFA-C-505 (Composition)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-C-505.1	3	3	2	2	1	3	2	2	2	2
BFA-C-505.2	3	3	-	2	1	3	2	2	2	2
BFA-C-505.3	2	3	1	--	1	2	2	2	2	--
BFA-C-505.4	1	2	2	--	1	2	1	2	2	--
Average	2.25	2.75	1.67	2	1	2.5	1.75	2	2	1

Table 3: CO – PSO matrix for the course BFA- C-505 (Composition)

	PSO1	PSO2	PSO3	PSO4
BFA-C-505.1	2	2	3	2
BFA-C-505.2	1	3	2	2
BFA-C-505.3	3	2	1	3
BFA-C-505.4	2	3	2	1
Average	2	2.5	2	2

Max. Marks: 100 (Sessional), Credit 4

Minimum Size: 12"x12"

Medium : Clay.

No. of Assignments : 03

Courses of Study:

Composition – individual or Group compositions based on specific subjects suitable for execution in a certain media particularly stone and metal, piece molding and casting including in cement.

PAPER- BFA – C- 506-LIFE STUDY (PORTRAIT/ TORSO)

(Practical) PAPER- BFA – C- 506 -Life Study (Portrait/ Torso)	
Cos#	Course Outcome
BFA-C-506.1	Practicing various study base human anatomy of sculpture creation and object studies with different mediums and execution

BFA-C-506.2	Enhancing the skill of observation, to rudimentary & formal components of figure drawing such as form, mass, volume, foreshortening and proportion.
BFA-C-506.3	Inculcate the basic introduction to human anatomy.
BFA-C-506.4	Enhancing to demonstrate an ability to balance aesthetic decisions with technical demands in the process of creating a human body.

Table 2: CO – PO matrix for the course BFA-C-506 (Life Study- Portrait/Torso)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-C-506.1	1	3	2	--	1	3	2	2	2	1
BFA-C-506.2	2	3	1	1	1	2	2	2	2	--
BFA-C-506.3	1	2	-	--	1	3	1	1	2	1
BFA-C-506.4	2	2	-	1	1	2	2	2	2	1
Average	1.5	2.5	1.5	1	1	2.5	1.75	1.75	2	1

Table 3: CO – PSO matrix for the course BFA- C-506 (Life Study- Portrait/Torso)

	PSO1	PSO2	PSO3	PSO4
BFA-C-506.1	1	3	2	2
BFA-C-506.2	2	3	2	2
BFA-C-506.3	1	2	1	2
BFA-C-506.42	2	3	2	2
Average	1.5	2.75	1.75	2

Max. Marks: 100 (Sessional) Credit 4

Minimum Size : Life Size

Medium : Clay, Plaster and Cement

No. of Assignments : 03

Courses of Study:

Different types of Portraiture in clay, plaster, life study of torso portion, static and mobile leading to the understanding of role of torso in describing posture in human forms, life sizes as also over and under life size renderings. One head study or torso study based work in stone/ marble.

PAPER- BFA- C- 507-ADVANCE COMPOSITION

(Practical) PAPER- BFA- C- 507 -Advance Composition	
Cos#	Course Outcome
BFA-C-507.1	Knowledge of Creating Advance compositions on different subjects with different mediums and execution. Enhancing the practical skills of 3D sculptures making.
BFA-C-507.2	Developing knowledge to Discuss various tools, concepts and methods and know how to combine, assemble and integrate them to create an interesting work
BFA-C-507.3	Improving to Develop strong concept abilities and an understanding of a creative/ studio practice.
BFA-C-507.4	Inculcate the elements of creating composition and its aesthetic values.

Table 2: CO – PO matrix for the course BFA-C-507 (Advance Composition)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-C-507.1	--	3	2	--	1	2	2	2	2	1
BFA-C-507.2	--	2	2	--	1	2	2	-	2	--
BFA-C-507.3	--	2	2	--	1	-	--	-	2	1
BFA-C-507.4	2	2	3	2	1	-	2	1	3	1
Average	2	2.25	2.25	2	1	2	2	1.5	2.25	1

Table 3: CO – PSO matrix for the course BFA- C-507 (Advance Composition)

	PSO1	PSO2	PSO3	PSO4
BFA-C-507.1	2	3	2	1
BFA-C-507.2	3	3	2	1
BFA-C-507.3	2	2	1	2
BFA-C-507.4	1	2	2	1
Average	2	2.5	1.75	1.25

Max. Marks: 100 (Sessional) Credit 4

Minimum Size: 12" x 12"

Medium : Wood Carving/Stone Carving/ Fiber Casting/Terracotta/Scrap Metal.

No. of Assignments : 03

Courses of Study:

Carving of Wood, Stones, marble etc. by direct and indirect method - relief and round. Flexible mould making and casting of composition suitable for fiber casting and use of scrap metal with welding – Terracotta making round and relief.

PAPER -- BFA – OE -508 ---- Open Elective ----- EXAM

Max. Marks: 50 (Sessional) Credit - 2

Note - Subject Opted from other departments of Kurukshetra University, Kurukshetra

Theory Syllabus B.F.A (Sculpture) 6th Semester **w.e.f. 2022-23**

PAPER-BFA–ABC-601-HISTORY OF MEDIEVAL INDIAN ART

Time-3 hrs. Maximum Marks: 80 + 20 Internal Assmnt, Credit - 4

Courses of study: Same as in Painting(Paper – BFA- ABC- 601)

PAPER-BFA–ABC-602-HISTORY OF MEDIEVAL WESTERN ART

Time- 3 hrs. Maximum Marks: 80 + 20 Internal AssmntCredit - 4

Courses of study: Same as in Painting(Paper – BFA- ABC- 602)

PAPER: BFA – AC- 603- AESTHETICS (Indian)

Time: 3 Hrs. Maximum Marks: 80 + 20 Internal AssmntCredit - 4

Courses of study: Same as in Painting(Paper – BFA- AC- 603)

Practical Syllabus B.F.A (Sculpture) 6th Semester
w.e.f. 2022-23

PAPER- BFA – C- 604- - DRAWING

(Practical) PAPER- BFA – C- 604 - Drawing	
Cos#	Course Outcome
BFA-C-604.1	Develop Drawing skills with different medium and handling the techniques.
BFA-C-604.2	Enhances Compositional Skill with understanding the values of drawings.
BFA-C-604.3	Application of drawing on different surfaces with artistic inputs.
BFA-C-604.4	Inculcation of visual communication by using drawing.

Table 2: CO – PO matrix for the course BFA-C-604 (Drawing)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-C-604.1	2	2	2	1	1	2	1	2	2	--
BFA-C-604.2	1	2	1	1	1	2	2	2	2	1
BFA-C-604.3	-	2	-	--	1	2	--	2	2	--
BFA-C-604.4	-	2	-	--	1	2	2	3	3	1
Average	1.5	2	1.5	1	1	2	1.67	2.25	2.25	1

Table 3: CO – PSO matrix for the course BFA- C-604 (Drawing)

	PSO1	PSO2	PSO3	PSO4
BFA-C-604.1	2	3	1	1
BFA-C-604.2	2	3	2	2
BFA-C-604.3	2	2	1	1
BFA-C-604.4	2	2	2	1
Average	2	2.5	1.5	1.25

Time : 6 Hours Max. Marks: 200 (Sessional : 100, Examination-100) Credit 4+4= 8

Minimum Size : Half Sheet

Medium : Pencil, Crayon, Conte, Charcoal.

No. of Assignments :7

Courses of Study:

Advance exercise compared to syllabus of 2nd year with special emphasis on trunk and limbs of body as also figure, animal, birds in motion, layout for carving and casting.

PAPER - BFA – C- 605-COMPOSITION

(Practical) PAPER - BFA – C- 605 - Composition	
Cos#	Course Outcome
BFA-C-605.1	Increased knowledge of using the Sculptural element in art.
BFA-C-605.2	Application of Different art mediums to understand the characters and qualities of sculptural materials.
BFA-C-605.3	Enhancing to build foundation of a more singular or personal approach to 3 dimensional art..
BFA-C-605.4	Enhance to visualize artistic skill inputs for Creative sculpture.

Table 2: CO – PO matrix for the course BFA-C-605 (Composition)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-C-605.1	3	3	3	1	1	3	2	3	3	1

BFA-C-605.2	3	3	3	1	1	3	2	3	3	--
BFA-C-605.3	3	3	3	2	2	3	3	3	3	2
BFA-C-605.4	3	3	3	3	2	3	3	3	3	3
Average	3	3	3	1.75	1.5	3	2.5	3	3	1.5

Table 3: CO – PSO matrix for the course BFA- C-605 (Composition)

	PSO1	PSO2	PSO3	PSO4
BFA-C-605.1	2	2	1	2
BFA-C-605.2	2	3	2	2
BFA-C-605.3	2	2	3	2
BFA-C-605.4	1	3	2	1
Average	1.75	2.5	2	1.75

Time : 18 Hours Max. Marks: 200 (Sessional: 100, Examination 100), Credit 4+4= 8

Minimum Size: 12"x12"

Medium : Clay.

No. of Assignments : 03

Courses of Study:

Composition – individual or Group compositions based on specific subjects suitable for execution in a certain media particularly stone and metal, piece molding and casting including in cement.

PAPER - BFA – C- 606- LIFE STUDY (PORTRAIT/ TORSO)

(Practical) PAPER - BFA – C- 606 -Life Study (Portrait/ Torso)	
Cos#	Course Outcome
BFA-C-606.1	Knowledge of acquiring skills associated with the use of sculpture medium and applications.
BFA-C-606.2	Developing Creative and realistic study of human body, form, shape, rhythm, and curves.
BFA-C-606.3	Advance study of developing skills and patients.
BFA-C-606.4	Practicing with different medium impart the knowledge of art techniques, functions & build own working style.

Table 2: CO – PO matrix for the course BFA-C- 606 (Life Study – Portrait/ Torso)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-C-606.1	2	3	3	1	1	3	3	3	3	1
BFA-C-606.1	3	3	3	1	1	3	3	3	3	1
BFA-C-606.1	3	3	3	1	3	3	3	3	3	2
BFA-C-606.1	2	3	3	3	2	3	3	3	3	1
Average	2.5	3	3	1.5	1.75	3	3	3	3	1.25

Table 3: CO – PSO matrix for the course BFA- C- 606 (Life Study – Portrait/ Torso)

	PSO1	PSO2	PSO3	PSO4
BFA-C-606.1	2	3	1	2
BFA-C-606.1	2	3	2	1
BFA-C-606.1	1	3	2	2
BFA-C-606.1	2	3	2	2
Average	1.25	3	1.75	1.75

Time : 24 Hours Max. Marks: 200 (Sessional: 100, Examination 100) Credit 4+4=8

Minimum Size : Life Size

Medium : Clay, Plaster and Cement
No. of Assignments : 03

Courses of Study:

Different types of Portraiture in clay, plaster, life study of torso portion, static and mobile leading to the understanding of role of torso in describing posture in human forms, life sizes as also over and under life size renderings. One head study or torso study based work in stone/ marble.

PAPER - BFA– C- 607-ADVANCE COMPOSITION

(Practical) PAPER - BFA– C- 607 -ADVANCE COMPOSITION	
Cos#	Course Outcome
BFA-C-607.1	Knowledge of Creating Advance compositions by different mediums and execution methods.
BFA-C-607.2	Developing knowledge to discuss various tools, concepts and knowledge to combine, and create an interesting art.
BFA-C-607.3	Improving to Develop strong concept abilities and an understanding of a creative/studio practice.
BFA-C-607.4	Inculcate the elements of creative composition and its aesthetic values.

Table 2: CO – PO matrix for the course BFA-C-607 (Advance Composition)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-C-607.1	3	3	3	3	2	3	3	3	3	1
BFA-C-607.2	3	3	1	3	2	3	3	1	3	-
BFA-C-607.3	2	3	-	3	2	2	-	-	3	1
BFA-C-607.4	3	3	-	3	3	3	-	-	3	2
Average	2.75	3	2	3	2.25	2.75	3	2	3	1.34

Table 3: CO – PSO matrix for the course BFA- C-607 (Advance Composition)

	PSO1	PSO2	PSO3	PSO4
BFA-C-607.1	2	2	3	2
BFA-C-607.2	2	3	2	1
BFA-C-607.3	3	2	1	1
BFA-C-607.4	2	1	1	3
Average	2.25	2	1.75	1.75

Time : 18 Hours Max. Marks: 200 (Sessional: 100, Examination 100), Credit 4+4=8

Minimum Size: 12" x 12"

Medium : Wood Carving/Stone Carving/Fiber Casting/Terracotta/Scrap Metal.

No. of Assignments : 03

Courses of Study:

Carving of Wood, Stones, marble etc. by direct and indirect method - relief and round. Flexible mould making and casting of composition suitable for fibre casting and use of scrap metal with welding – Terracotta making round and relief.

PAPER- BFA – C- 708 -ART INTERNSHIP

Time- 1 Month Maximum Marks-100 Credit -4

Course of Study;

After the completion of BFA 3rd Year (6th Semester) exam, students must go for “Art Internship” to any Professional Artist, Art Studios, Art Museums, Art Galleries, Folk Artist, Crafts Man, Art Industries & Design Institutes etc., at-least for 1 month during summer vacation and they have to produce a “Certificate” of Internship issued by the concerned authority, with attendance proof.

Note: The Evaluation Marks will be added in 7th Semester DMC.

Theory Syllabus B.F.A. (Sculpture) 7th Semester **w.e.f. 2023-24**

PAPER – BFA –ABC-701-HISTORY OF MODERN INDIAN ART

Time-3 hrs. Maximum Marks: 80 + 20 Internal Assmnt, Credit - 4

Courses of study: Same as in Painting (Paper – BFA- ABC- 701)

PAPER–BFA–ABC-702-HISTORY OF MODERN WESTERN ART

Time- 3 hrs. Maximum Marks: 80 + 20 Internal Assmnt, Credit - 4

Courses of study: Same as in Painting (Paper – BFA- ABC- 702)

PAPER – BFA – AC- 703-AESTHETICS (Western)

Time: 3 Hrs. Maximum Marks: 80 + 20 Internal Assmnt,, Credit - 4

Courses of study : Same as in Painting(Paper – BFA- AC- 703)

Practical Syllabus B.F.A. (Sculpture) 7th Semester **w.e.f. 2023-24**

PAPER - BFA- C- 704 - DRAWING

(Practical) PAPER- BFA – C- 704 - Drawing	
Cos#	Course Outcome
BFA-C-704.1	Develop Drawing skills with different medium and handling the techniques.
BFA-C-704.2	Enhances Compositional Skill with understanding the values of drawings.
BFA-C-704.3	Application of drawing on different surfaces with artistic inputs.
BFA-C-704.4	Inculcation of visual communication by using drawing.

Table 2: CO – PO matrix for the course BFA-C-704 (Drawing)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-C-704.1	2	2	2	1	1	2	1	2	2	--
BFA-C-704.2	1	2	1	1	1	2	2	2	2	1
BFA-C-704.3	-	2	-	--	1	2	--	2	2	--
BFA-C-704.4	-	2	-	--	1	2	2	3	3	1
Average	1.5	2	1.5	1	1	2	1.67	2.25	2.25	1

Table 3: CO – PSO matrix for the course BFA- C-704 (Drawing)

	PSO1	PSO2	PSO3	PSO4

BFA-C-704.1	2	3	1	1
BFA-C-704.2	2	3	2	2
BFA-C-704.3	2	2	1	1
BFA-C-704.4	2	2	2	1
Average	2	2.5	1.5	1.25

Max. Marks : 100 (Sessional) Credit 4
Minimum Size :Half Sheet
Medium :Pencil, Crayon, Conte, Charcoal.
No. of Assignments :8

Courses of Study: Advance work in nature of syllabus of 3rd to 6th Semester.

PAPER - BFA- C- 705 - COMPOSITION

(Practical) PAPER - BFA – C- 705 - Composition	
Cos#	Course Outcome
BFA-C-705.1	Increased knowledge of using the Sculptural element in art.
BFA-C-705.2	Application of Different art mediums to understand the characters and qualities of sculptural materials.
BFA-C-705.3	Enhancing to build foundation of a more singular or personal approach to 3 dimensional art..
BFA-C-705.4	Enhance to visualize artistic skill inputs for Creative sculpture.

Table 2: CO – PO matrix for the course BFA-C-705 (Composition)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-C-705.1	3	3	3	1	1	3	2	3	3	1
BFA-C-705.2	3	3	3	1	1	3	2	3	3	--
BFA-C-705.3	3	3	3	2	2	3	3	3	3	2
BFA-C-705.4	3	3	3	3	2	3	3	3	3	3
Average	3	3	3	1.75	1.5	3	2.5	3	3	1.5

Table 3: CO – PSO matrix for the course BFA- C-705 (Composition)

	PSO1	PSO2	PSO3	PSO4
BFA-C-705.1	2	2	1	2
BFA-C-705.2	2	3	2	2
BFA-C-705.3	2	2	3	2
BFA-C-705.4	1	3	2	1
Average	1.75	2.5	2	1.75

Max. Marks : 100 (Sessional) Credit 4
Minimum Size: 12"x12"
Medium : Clay.
No. of Assignments : 03

Courses of Study:
 Advance work according to exercise learnt in 3rd to 6th Semester.

PAPER- BFA- C- 706-LIFE STUDY (FULL FIGURE)

(Practical) PAPER - BFA – C- 706 -Life Study (Portrait/ Torso)	
Cos#	Course Outcome
BFA-C-706.1	Knowledge of acquiring skills associated with the use of sculpture medium and applications.
BFA-C-706.2	Developing Creative and realistic study of human body, form, shape, rhythm, and curves.
BFA-C-706.3	Advance study of developing skills and patients.
BFA-C-706.4	Practicing with different medium impart the knowledge of art techniques, functions & build own working style.

Table 2: CO – PO matrix for the course BFA-C- 706 (Life Study – Portrait/ Torso)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-C-706.1	2	3	3	1	1	3	3	3	3	1
BFA-C-706.1	3	3	3	1	1	3	3	3	3	1
BFA-C-706.1	3	3	3	1	3	3	3	3	3	2
BFA-C-706.1	2	3	3	3	2	3	3	3	3	1
Average	2.5	3	3	1.5	1.75	3	3	3	3	1.25

Table 3: CO – PSO matrix for the course BFA- C- 706 (Life Study – Portrait/ Torso)

	PSO1	PSO2	PSO3	PSO4
BFA-C-706.1	2	3	1	2
BFA-C-706.1	2	3	2	1
BFA-C-706.1	1	3	2	2
BFA-C-706.1	2	3	2	2
Average	1.25	3	1.75	1.75

Max. Marks : 100 (Sessional) Credit 4

Minimum Size : Life Size

Medium : Clay, Plaster, Cement and Fiber.

No. of Assignments : 03

Courses of Study:

Advance work of 3rd to 6th Semester particularly full figure and combination of figure including in motion.

PAPER- BFA- C- 707-ADVANCE COMPOSITION

(Practical) PAPER - BFA– C- 707 -ADVANCE COMPOSITION	
Cos#	Course Outcome
BFA-C-707.1	Knowledge of Creating Advance compositions by different mediums and execution methods.
BFA-C-707.2	Developing knowledge to discuss various tools, concepts and knowledge to combine, and create an interesting art.
BFA-C-707.3	Improving to Develop strong concept abilities and an understanding of a creative/studio practice.
BFA-C-707.4	Inculcate the elements of creative composition and its aesthetic values.

Table 2: CO – PO matrix for the course BFA-C-707 (Advance Composition)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-C-707.1	3	3	3	3	2	3	3	3	3	1
BFA-C-707.2	3	3	1	3	2	3	3	1	3	-
BFA-C-707.3	2	3	-	3	2	2	-	-	3	1
BFA-C-707.4	3	3	-	3	3	3	-	-	3	2
Average	2.75	3	2	3	2.25	2.75	3	2	3	1.34

Table 3: CO – PSO matrix for the course BFA- C-707 (Advance Composition)

	PSO1	PSO2	PSO3	PSO4
BFA-C-707.1	2	2	3	2
BFA-C-707.2	2	3	2	1
BFA-C-707.3	3	2	1	1
BFA-C-707.4	2	1	1	3
Average	2.25	2	1.75	1.75

Max. Marks : 100 (Sessional) Credit 4

Minimum Size: 12" x 12"

Medium : Wood Carving/Stone Carving/Fiber Casting/Metal Casting/Scrap Metal.

No. of Assignments : 03

Courses of Study:

Any two medium, advance work including experimental or mixed medium as done either in 3rd to 6th Semester depending in medium chosen by student.

PAPER- BFA – C- 708 -ART INTERNSHIP

(Practical) PAPER - BFA – C- 708-Art Internship	
Cos#	Course Outcome
BFA-C-708.1	Conceptualize the role and developmental nature of experimental learning in art.
BFA-C-708.2	Enhances to promote the coordination of experimental learning programs and integration of experimental learning in to total curriculum.
BFA-C-708.3	Developing theoretical insights and practical applications to the course as a whole and to external group contributions and individual skills.
BFA-C-708.4	Develop communication, interpersonal and other critical skills during research and interview process.

Table 2: CO – PO matrix for the course BFA-C-708 (Art Internship)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-C-708.1	3	3	3	2	1	2	2	3	3	2
BFA-C-708.2	3	3	1	2	1	2	2	2	2	1
BFA-C-708.3	2	3	2	1	2	3	3	3	3	-
BFA-C-708.4	3	3	1	1	3	3	3	3	3	-
Average	2.75	3	1.75	1.5	1.75	2.5	2.5	2.75	2.75	1.5

Table 3: CO – PSO matrix for the course BFA- C-708 (Art Internship)

	PSO1	PSO2	PSO3	PSO4
BFA-C-708.1	3	2	1	2
BFA-C-708.2	2	2	3	1
BFA-C-708.3	2	3	2	1
BFA-C-708.4	2	3	2	2
Average	2.25	2.5	2	1.5

Time- 1 Month Maximum Marks-100 Credit - 4

Course of Study:

After the completion of BFA 3rd Year (6th Semester) exam, students must to go for “Art Internship” to any Professional Artist, Art Studios, Art Museums, Art Galleries, Folk Artist, Crafts Man, Art Industries & Design Institutes etc., at-least for 1 month during summer vacation and they have to produce a “Certificate” of Internship issued by the concerned authority, with attendance proof.

Note: The Evaluation Marks will be added in 7th Semester DMC.

PAPER - BFA – OE -709 ---- Open Elective ----- EXAM

Max.Marks : 50 (Sessional) Credit- 2

Note - Subject Opted from other departments of Kurukshetra University, Kurukshetra

Theory Syllabus B.F.A. (Sculpture) 8th Semester
w.e.f. 2023-24

PAPER- BFA- ABC- 801- HISTORY OF MODERN INDIAN ART

Time-3 hrs. Maximum Marks: 80 + 20 Internal Assmnt, Credit - 4

Courses of study: Same as in Painting (Paper – BFA- ABC- 801)

PAPER-BFA-ABC- 802- HISTORY OF MODERN WESTERN ART

Time- 3 hrs. Maximum Marks: 80 + 20 Internal Assmnt, Credit - 4

Courses of study: Same as in Painting (Paper – BFA- ABC- 802)

PAPER- BFA- AC- 803-AESTHETICS (Western)

Time: 3 Hrs. Maximum Marks: 80 + 20 Internal Assmnt, Credit - 4

Courses of study: Same as in Painting(Paper – BFA- AC- 803)

Practical Syllabus B.F.A. (Sculpture) 8th Semester
w.e.f. 2023-24

PAPER- BFA- C- 804 - DRAWING

(Practical) PAPER- BFA- C- 804 -Drawing	
Cos#	Course Outcome
BFA-C-804.1	Improving Practice of various study base Practical drawings of different creatures with different mediums and execution, enhances the skills.
BFA-C-804.2	Develop physical skills for handling medium and materials in the execution and presentation of a drawing.
BFA-C-804.3	Inculcate the manner of artistic creation in conjunction with a reflective critique process in which the student is able to synthesize his/her conceptual idea.
BFA-C-804.4	Knowledge of various forms of drawing presentation and understand the impact presentation can have on the meaning to life.

Table 2: CO – PO matrix for the course BFA-C- 804 (Drawing)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-C-804.1	3	3	2	2	1	2	2	3	3	1
BFA-C-804.2	2	2	-	2	1	2	2	3	2	1
BFA-C-804.3	3	3	-	3	1	3	2	3	2	1
BFA-C-804.4	3	3	1	3	1	3	2	3	2	1
Average	2.75	2.75	1.5	2.5	1	2.5	2	3	2.25	1

Table 3: CO – PSO matrix for the course BFA- C- 804 (Drawing)

	PSO1	PSO2	PSO3	PSO4
BFA-C-804.1	2	3	2	1
BFA-C-804.2	2	3	2	1
BFA-C-804.3	3	3	2	2
BFA-C-804.4	2	2	2	3
Average	2.25	2.75	2	1.75

Time : 6 Hours Max. Marks : 200 (Sessional: 100, Examination 100) Credit 4+4= 8

Minimum Size :Half Sheet

Medium :Pencil, Crayon, Conte, Charcoal.

No. of Assignments :7

Courses of Study:

Advance work in nature of syllabus of 3rd to 6th Semester.

PAPER- BFA- C- 805-COMPOSITION

(Practical) PAPER- BFA- C- 805 -Composition

Cos#	Course Outcome
BFA-C-805.1	Ability to demonstrate a foundational understanding of sculpture by appropriately applying basic fabrication skills, modeling, design, tools, craftsmanship, and functional considerations.
BFA-C-805.2	The ability to explore the expressive possibilities of various media, and the diverse conceptual modes available to the sculptor.
BFA-C-805.3	Progress toward developing a consistent, personal direction, style and ability to work independently.
BFA-C-805.4	Knowledge to work intuitively and spontaneously using a number of visual processes, that support to consider further possibilities.

Table 2: CO – PO matrix for the course BFA-C-805 (Composition)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-C-805.1	3	3	3	2	1	3	3	3	3	2
BFA-C-805.2	3	3	3	2	1	3	2	3	2	-
BFA-C-805.3	3	3	2	3	-	3	3	1	3	-
BFA-C-805.4	3	3	1	3	1	3	3	2	3	1
Average	3	3	2.25	2.5	1	3	2.75	2.25	2.75	1.5

Table 3: CO – PSO matrix for the course BFA- C-805 (Composition)

	PSO1	PSO2	PSO3	PSO4
BFA-C-805.1	2	3	2	1
BFA-C-805.2	3	2	1	2
BFA-C-805.3	1	3	3	2
BFA-C-805.4	2	3	2	1
Average	2	2.75	2	1.5

Time : 18 Hours Max. Marks : 200 (Sessional: 100, Examination 100) Credit 4+4= 8

Minimum Size: 12"x12"

Medium : Clay.

No. of Assignments : 03

Courses of Study:

Advanced work according to exercise learnt in 3rd to 6th Semester.

PAPER- BFA- C- 806 - LIFE STUDY (FULL FIGURE)

(Practical) PAPER- BFA- C- 806 -Life Study (Full Figure)	
Cos#	Course Outcome
BFA-C-806.1	Ability to draw the human figure observationally, appropriately applying advance sculptural material and expressing skills, gesture, proportion, and artistic anatomy.
BFA-C-806.2	Knowledge of acquiring skills associated with the use of sculpture medium and applications.
BFA-C-806.3	Imparting knowledge to demonstrate a foundational understanding of life sculpture by appropriately applying basic fabrication skills,
BFA-C-806.4	Practicing with different medium impart the knowledge of art techniques, functions & build own working style.

Table 2: CO – PO matrix for the course BFA-C-806 (Life Study- Full Figure)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-C-806.1	2	3	2	--	1	3	2	3	2	--
BFA-C-806.2	2	3	2	--	1	3	2	3	2	--
BFA-C-806.3	3	2	3	1	1	3	3	3	3	1
BFA-C-806.4	2	3	2	2	1	3	2	3	2	2
Average	2.25	2.75	2.75	1.5	1	3	2.75	3	2.75	1.5

Table 3: CO – PSO matrix for the course BFA- C-806 (Life Study- Full Figure)

	PSO1	PSO2	PSO3	PSO4
BFA-C-806.1	1	3	2	2
BFA-C-806.2	1	3	2	3
BFA-C-806.3	2	2	2	2
BFA-C-806.4	1	3	2	2
Average	1.25	2.75	2	2.25

Time : 24 Hours Max. Marks : 200 (Sessional: 100, Examination 100) Credit 4+4= 8

Minimum Size : Life Size

Medium : Clay, Plaster, Cement and Fiber.

No. of Assignments : 03

Courses of Study:

Advance work of 3rd to 6th Semester particularly full figure and combination of figure including in motion.

PAPER- BFA- C- 807-ADVANCE COMPOSITION

(Practical) PAPER- BFA- C- 807 -Advance Composition	
Cos#	Course Outcome
BFA-C-807.1	Improve to use the art materials & equipments, and finding the various working method.
BFA-C-807.2	Knowledge to evaluate own art works and improves aesthetic consciousness to explain art works to society with professional experience.
BFA-C-807.3	Developing assimilates the importance of the necessity of art demands.
BFA-C-807.4	Enhancing the practical skills of sculptures making. And also able to understand the current trends and tradition of contemporary art.

Table 2: CO – PO matrix for the course BFA-C-807 (Advance Composition)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-C-807.1	3	3	3	2	2	3	2	2	3	2
BFA-C-807.2	2	3	3	2	2	3	3	1	2	1
BFA-C-807.3	2	3	2	2	1	2	2	-	2	1
BFA-C-807.4	1	3	3	--	2	2	2	-	2	2
Average	2	3	2.74	2	1.75	2.5	2.75	1.5	2.25	1.5

Table 3: CO – PSO matrix for the course BFA- C-807 (Advance Composition)

	PSO1	PSO2	PSO3	PSO4
BFA-C-807.1	2	3	1	1
BFA-C-807.2	1	2	3	2
BFA-C-807.3	2	2	2	1
BFA-C-807.4	2	2	1	2
Average	1.75	2.25	1.75	1.5

Time : 24 Hours , Max. Marks : 200 (Sessional: 100, Examination 100) Credit 4+4=8

Minimum Size: 12" x 12"

Medium : Wood Carving/Stone Carving/Fiber Casting/Metal Casting/Scrap Metal.

No. of Assignments : 02 +01= 03

Courses of Study:

Any two medium, advance work including experimental or mixed medium as done either in 3rd to 6th Semester depending in medium chosen by student. **Including one Compulsory Project Assignment will be based on contemporary study about Art Trends /Traditional Art/ Visit of any Art Sites / Galleries /Art Fairs/ Art Tour or Any Professional Art work/ Commission Work created by candidate individually or in Group of maximum 3 students**

Kurukshetra University, Kurukshetra

CHOICE BASED CREDIT SYESTEM (CBCS),

Fundamental of Visual Arts (OPEN ELECTIVE)

Opted by Students from other departments of Kurukshetra University, Kurukshetra

Semester- 5th w.e.f. 2022 – 23

Examination:- Fundamental of Visual Art-I , Max. Marks:- 50 (10 +40), Credit: 2

Paper No. BFA- OE- 508

(Theory) Max. Marks : 10, No. of Assignments - 2

(Practical) Paper No. BFA- OE- 508 - Fundamental of Visual Art-I	
Cos#	Course Outcome
BFA-OE-508.1	An understanding of basic principal of art & colour, concept, media and formats, and the ability to apply them to a specific aesthetic intent.
BFA-OE-508.2	Knowledge of different element of Arts studies and continuing the degree program towards the development of advance capabilities.
BFA-OE-508.3	Understanding the basic fundamentals of arts with its merits and demerits.
BFA-OE-508.4	Progress towards developing the knowledge of consistent, personal direction and style.

Table 2: CO – PO matrix for the course BFA-OE-508 (Fundamental of Visual Art-I)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-OE-508.1	2	2	-	1	2	2	3	1	3	-
BFA-OE-508.2	1	3	-	1	-	2	-	1	3	-
BFA-OE-508.3	-	2	-	-	1	2	1	-	2	-
BFA-OE-508.4	1	2	-	2	1	2	-	2	3	-
Average	1.34	2.25	-	1.34	1.34	2	2	1.34	2.75	-

Table 3: CO – PSO matrix for the course BFA- OE-508 (Fundamental of Visual Art-I)

	PSO1	PSO2	PSO3	PSO4
BFA-OE-508.1	2	3	2	1
BFA-OE-508.2	2	3	2	2
BFA-OE-508.3	1	2	3	2
BFA-OE-508.4	2	3	2	1
Average	1.75	2.75	2.25	1.5

Details of course works: (Theory)

- ☐ Practice of Element of Art (Line, Form, Color, Tone, Texture, Shape etc).
- ☐ Basic Introduction of Art, Fine Art, Types of Art, Definition Of Art

Practical Max. Marks : 40 Time: 6 Hrs.

1. Still Life- Object Drawing (Medium- Pencil, Pastel, Poster Colour)-*Total no. of Assignment-2*
2. Nature Drawing -Tree Study, Animal Study etc. (Medium- Pencil, Poster, Pestle)-*Total no. of Assignment-2*
3. Design- 2D, 3D, Letter writing (Medium- Poster Colure)-*Total no. of Assignment-1*
4. Sketches – 20 (Object/ Figure/ Nature etc.)

Semester-7th w.e.f. 2023-24**Examination:- Fundamental of Visual Art-II Max. Marks: - 50 (10 + 40) Credit: 2****Paper No. BFA-OE- 708****(Theory) Max. Marks : 10, No. of Assignments - 2****(Practical) Paper No. BFA-OE- 708 - Fundamental of Visual Art-II**

Cos#	Course Outcome
BFA-OE-708.1	Enhances the creative process through practical exercise and assignments.
BFA-OE-708.2	Understand to control visual and physical control of medium used in the application of colour, Texture & tones, concepts.
BFA-OE-708.3	Knowledge to develop drawing and painting Skills for creative composition in art.
BFA-OE-708.4	Inculcates Emotional attachment towards nature & society.

Table 2: CO – PO matrix for the course BFA-OE- 708 (Fundamental of Visual Art-II)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BFA-OE-708.1	-	3	1	1	1	2	1	2	3	-

BFA-OE-708.2	1	2	-	1	1	2	-	1	3	1
BFA-OE-708.3	1	3	1	1	-	2	-	1	3	1
BFA-OE-708.4	1	2	-	3	2	2	2	1	2	1
Average	1	2.5	1	1.5	1.34	2	1.3	1.25	2.75	1

Table 3: CO – PSO matrix for the course BFA- OE- 708 (Fundamental of Visual Art-II)

	PSO1	PSO2	PSO3	PSO4
BFA-OE-708.1	2	2	1	2
BFA-OE-708.2	3	3	2	1
BFA-OE-708.3	1	3	2	1
BFA-OE-708.4	2	1	1	3
Average	2	2.25	1.5	1.75

Details of course works: (Theory)

- ☐ Study of Colors, Medium of Color, pen and ink, water Colour, Oil Colour and Acrylic colour
- ☐ Knowledge of Principal of Arts (Balance, Unity, Harmony, Contrast, Dominance) etc.

(Practical) Max. Marks : 40 Time: 06 Hours

1. Copy from master Art -Indian and Western painter (Medium-Water Color, Poster Color)-

Total no. of Assignment-2.

2. Landscape Painting Outdoor And Indoor, Nature Study (Poster Colour, Water Colour, Pencil Colour, Oil Colour, Acrylic Colour)- ***Total no. of Assignment-3.***

3. **Sketches: - 20** (Object/ Figure/ Nature etc.)

Instructions:

- 1) Themes/Subject matters/topics will be of multiple choices.
- 2) Board of internal Examiner (Chairman, Internal and nominee of chairman) will evaluate the Sessional work.

KURUKSHETRA UNIVERSITY, KURUKSHETRA

MA FINE ARTS

IN THE FACULTY OF INDIC STUDIES

SCHEME AND SYLLABUS

(Based on CBCS-LOCF Pattern)

In Phased Manner Campus Course



DEPARTMENT OF FINE ARTS

VISION AND MISSION OF THE DEPARTMENT

Vision

To be recognized as Centre of Excellence in Fine Arts in Teaching & Research while ensuring quality result in field of Creative and Research.

Mission

To conserve and propagate all area of art and art History and imbibing the latest advances in the field of Fine Arts.

Kurukshetra University Kurukshetra
(“A+” Grade, NAAC Accredited)
Department of Fine Arts
CHOICE BASED CREDIT SYESTEM (CBCS)
Scheme of Examinations M.A.
(w.e.f. the academic session 2020-21)

Program Outcome(P.O) for Post Graduate Courses of faculty of Indic Studies.

1. Scientific & Logical knowledge of ancient Indian wisdom.
2. Enhancing knowledge of Indian art & cultural traditions.
3. Knowledge of vedic, medieval & modern Philosophies.
4. Incultation of nationalism and other moral values.
5. Enhancing mental relaxation and peace by adopting prayer, chanting, yoga and meditation.
6. Preservation of Indian arts & heritage by using modern technology.
7. To impart knowledge of different sanskaras & philosophies.
8. Imparting knowledge of folk traditions in different disciplines of the faculty.
9. Developing aesthetics, creativity & skills like singing, painting, dancing.
10. Improving the emotional intelligence through Geeta.

Program Specific Outcome(PSO,s) for M.A.

The program outcomes (PSO) are the statement of competencies/abilities. PSOs are the statement that describes the knowledge and the abilities the post-Graduate have by the end of program studies.

PSO1: The detailed function knowledge of Theoretical, Historical and experimental aspects of Fine Arts.

PSO2: To integrate the gained knowledge with various contemporary and evolving areas in Fine Art like Visualization, painting, Advertisement, Sculpture, Graphic(Printmaking), Photography.

PSO3: To understand, analyze, plan and implement practical knowledge of art with developing Artistic skill & concept.

PSO4: Provide opportunities to excel in academics, research or Industry

Department of Fine Arts

Kurukshetra University Kurukshetra

("A+" Grade, NAAC Accredited)

CHOICE BASED CREDIT SYESTEM (CBCS)

Scheme of Examinations M.A. (FINE ARTS) Drawing & Painting/Applied Art

(w. e. f. the academic session 2020-21)

First Semester

Course Code	Course Nomenclature	Specialization	Nature of Course		Examination Marks				Total Marks	Credit	Duration of Exam (in Hours)
					Contact Hours per Week		Theory & Practical				
					T	P	Intern al Asst.	Exami nation			
MAFA-101	History of Modern Western Art	Drawing & Painting/ Applied Art	Theory	Core	04	-	20	80	100	04	03
MAFA-102	Aesthetics and Art Appreciation	Drawing & Painting	Theory	Core	04	-	20	80	100	04	03
MAFA–103	Advertising Foundation	Applied Art	Theory	Core	04	-					
MAFA-104	Portrait Study	Drawing & Painting	Practical	Core	-	24	100	200	300	12	18
MAFA-105	Computer Graphics & Photography	Applied Art	Practical	Core	-	24					
MAFA-106	Advance Composition	Drawing & Painting	Practical	Core	-	24	100	200	300	12	18
MAFA-107	Advertising Campaign	Applied Art	Practical	Core	-	24					
							Total Marks/ Credits		800	32	

Department of Fine Arts
Kurukshetra University Kurukshetra
 ("A+" Grade, NAAC Accredited)
 CHOICE BASED CREDIT SYESTEM (CBCS)
 Scheme of Examinations M.A. (FINE ARTS) Drawing & Painting/Applied Art
 (w. e. f. the academic session 2020-21)

Second Semester

Course Code	Course Nomenclature	Specialization	Nature of Course		Examination Marks				Total Marks	Credit	Duration of Exam (in Hours)
					Contact Hours per Week		Theory & Practical				
					T	P	Internal Asst.	Examination			
MAFA-201	History of Modern Western Art	Drawing & Painting &Applied Art	Theory	Core	04	-	20	80	100	04	03
MAFA-202	Aesthetics and Art Appreciation	Drawing & Painting	Theory	Core	04	-	20	80	100	04	03
MAFA-203	Advertising Foundation	Applied Art									
MAFA-204	Portrait Study	Drawing & Painting	Practical	Core	-	24	100	200	300	12	18
MAFA- 205	Computer Graphics & Photography	Applied Art	Practical	Core	-	24					
MAFA-206	Advance Composition	Drawing & Painting	Practical	Core	-	24	100	200	300	12	18
MAFA-207	Advertising Campaign	Applied Art	Practical	Core	-	24					
MAFA- 208	Graphics Design -I/ Pictorial Composition-I/Clay Modelling-I/Relief composition-1	Drawing & Painting &Applied Art	Practical	Elective	-	-	-	50	50	02	06
MAFA--209	Fundamental of Visual Art-I	Drawing & Painting & Applied Art	Theory & Practical	Open Elective	-	-	10	40	50	02	06
							Total Marks/ Credits		900	36	

Department of Fine Arts
Kurukshetra University Kurukshetra
 ("A+" Grade, NAAC Accredited)
 CHOICE BASED CREDIT SYESTEM (CBCS)
 Scheme of Examinations M.A. (FINE ARTS) Drawing & Painting/Applied Art
 (w. e. f. the academic session 2021-22)

Third Semester

Course Code	Course Nomenclature	Specialization	Nature of Course		Examination Marks				Total Marks	Credit	Duration of Exam (in Hours)
					Contact Hours per Week		Theory & Practical				
					T	P	Internal Asst.	Examination			
MAFA-301	History of Modern Indian Art	Drawing & Painting & Applied Art	Theory	Core	04	-	20	80	100	04	03
MAFA-302	Life Study	Drawing & Painting	Practical	Core	04	-	100	200	300	12	18
MAFA-303	Computer Graphics & Photography	Applied Art									
MAFA-304	Creative Composition	Drawing & Painting	Practical	Core	-	24	100	200	300	12	18
MAFA-305	Visualization	Applied Art	Practical	Core	-	24					
MAFA-306	Graphics Design – II/ Composition – II/Clay Modelling- II/Intaglio Composition-II	Drawing & Painting &Applied Art	Practical	Elective	-	-	50	-	50	02	06
MAFA-307	Fundamental of Visual Art-II	Drawing & Painting & Applied Art	Theory & Practical	Open Elective	-	-	10	40	50	02	06
							Total Marks/ Credits		800	32	

Department of Fine Arts
Kurukshetra University Kurukshetra
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 CHOICE BASED CREDIT SYESTEM (CBCS)
 Scheme of Examinations M.A. (FINE ARTS) Drawing & Painting/Applied Art
 (w. e. f. the academic session 2022)

Fourth Semester

Fourth Semester												
Course Code	Course Nomenclature	Specialization	Nature of Course		Examination Marks				Total Marks	Credit	Duration of Exam (in Hours)	
					Contact Hours per Week		Practical					
					T	P	Internal Asst.	Examination				
MAFA-401	History of Modern Indian Art	Drawing & Painting & Applied Art	Theory	Core	04	-	20	80	100	04	03	
MAFA-402	Dissertation	Drawing & Painting & Applied Art	-	Core	-	-	-	100	100	04	-	
MAFA-403	Life Study	Drawing & Painting	Practical	Core	24	-	100	200	300	12	18	
MAFA-404	Computer Graphics & Photography	Applied Art	Practical	Core	24							
MAFA- 405	Creative Composition	Drawing & Painting	Practical	Core	24	-	100	200	300	12	18	
MAFA-406	Visualization	Applied Art	Practical	Core	24							
							Total Marks/ Credits		800	32		
Grand Total of All Semester (Total Marks = 3300, Total Credit =132)												

Department of Fine Arts
Kurukshetra University Kurukshetra
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CHOICE BASED CREDIT SYESTEM (CBCS)

Detail Syllabus of Examinations M.A. (FINE ARTS) Drawing & Painting /Applied Art
(w. e. f. the academic session 2020-21)

First Semester

Course Code	Course Nomenclature	Specialization	Nature of Course		Examination Marks		Total Marks	Credit	Duration of Exam (in Hours)
					Theory & Practical				
					Internal Asst.	Examination			
MAFA-101	History of Modern Western Art	Drawing & Painting/ Applied Art	Theory	Core	20	80	100	04	03

Instructions:

- (i) No. of Questions to be set: 09 (02 Questions from each unit) and Question No. 01 is to be set from all over the Units i.e. short type Questions.
- (ii) No. of Questions to be attempted: 05. Question No. 01 is compulsory
- (iii) All Questions will be of equal marks.

Course Objectives:

To develop a critical understanding of western art from the 18th century onwards. Analytical study of some of the prominent artists of the West. Introduction to Modern Western Art.

Course Outcomes:

After completing the course, the student will get to know

MAFA.101.1 Trace the development of Modern Western art from the 18th century to 20th century.

MAFA.101.2 Develop a critical understanding of western Art Movements and its relevance and impact on art.

MAFA.101.3 Critical understanding of the art work of some of the seminal/prominent artists and their contributions to modern art.

MAFA.101.4 Develop a critical understanding of History of Western Art and its relevance and impact on art.

Course of Study

Unit-I

Romanticism: Francisco Goya, Eugene Delacroix, John Constable, J.W.M. Turner.

Realism: Gustave Courbet, Jean-Francois Millet, Camille Corot, Honore Daumier.

Unit-II

Impressionism: Claude Monet, Edouard Mameet, Edgar Degas, Auguste Renoir. Post-impressionism: Georges Seurat, Paul Cezanne, Paul Gauguin, Vincent Van Gough, Camille Pissarro.

Unit-III

Other important Painters: Edward Munch, Toulouse Lautrec.

Futurism- Umberto Boccioni, Givno Serverini. Fauvism: Henri Matisse, Maurice De Vlaminck.

Unit-IV

Cubism: Pablo Picasso, Georges Braque, Juan Gris, Fernand Leger.

Expressionism

- a. Die Brücke: Leslie Kirchner, Emil Nolde.
- b. Der Blaue Reiter: Wassily Kandinsky, Paul Klee, Franz Marc.
- c. Figurative Expressionist: Oskar Kokoschka.

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

- (i) Two handwritten Assignments : 10%
(1st Assignment after one month & 2nd after two months)
- (ii) One Class Test (One period duration) : 5%
- (iii) Attendance : 5%

Marks for attendance will be given as under: -

- | | | | | |
|-----------------|---|---------|------------------|---------|
| (1) 91% onwards | : | 5 Marks | (4) 70% to 74% : | 2 Marks |
| (2) 81% to 90% | : | 4 Marks | (5) 65% to 69% : | 1 Marks |
| (3) 75% to 80% | : | 3 Marks | | |

READING LIST:

1. Deymatie : Fauvism (good introduction also in Encyclopedia of World Art.)
2. Crespelle – The Fauves.
3. Razanl, Modern Painting, Skira – Useful references from plates and text.
4. Lake and Maillard – Dictionary of Modern Painting.
5. Herbert Read – A concise History of Modern Painting.
6. William Vaughan – Romantic Art.
7. European Modern Movements in Encyclopedia of World Art.
8. Leymarie – Impressionism (Skira).
9. J. Rewald – History of impressionism – Museum of Modern Art, New York.
10. J. Rewald – Post Impressionism (Both these books are indispensable for the respective periods).
11. Madsen – Art Nouveau.
12. Golding – Cubism: A history and analysis – See Also : Cubism and Futurism in Encyclopedia of World Art.
13. Rosenblum – Cubism and 20th Century Art.
14. Selz : German Expressionism. For Expressionism See Also Encyclopedia of World Art.
15. Ritchie – German 20th Century Art – Museum of Modern Art.
16. Barr – Fantastic Art; Dada and Surrealism.
17. Scuphor – Dictionary of Abstract Art.
18. Motherwell Dada Poets and Painters (Anthology of Dada Writings).
19. Marcel Jean – A History of Surrealist Painting (Comprehensive Study)
20. Herbert Read – Surrealism (Mainly documents)
21. Rubin – Dada & Surrealism.
22. F. Pepper – Kinetic Art.

CO-PO mapping matrix for the course MAFA-101 (History of Modern Western Art)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	3	2	2	2	0	1	1	2	2	0
CO2	3	2	2	2	0	0	1	2	2	0
CO3	3	2	2	2	0	1	1	2	2	0
CO4	3	2	2	2	0	0	1	2	2	0
Average	03	02	02	02	0	0	01	02	02	0

CO-PSO mapping matrix for the course MAFA-101 (History of Modern Western Art)

	PSO1	PSO2	PSO3	PSO4
CO1	3	2	3	3
CO2	3	3	2	3
CO3	3	3	3	2
CO4	3	3	3	3
Average	03	2.75	2.75	2.75

Department of Fine Arts
Kurukshetra University Kurukshetra
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CHOICE BASED CREDIT SYESTEM (CBCS)
Detail Syllabus of Examinations M.A. (FINE ARTS) Drawing & Painting
(w. e. f. the academic session 2020-21)

Course Code	Course Nomenclature	Specialization	Nature of Course		Examination Marks		Total Marks	Credit	Duration of Exam (in Hours)
					Theory				
					Internal Asst.	Examination			
MAFA-102	Aesthetics and Art Appreciation	Drawing & Painting	Theory	Core	20	80	100	04	03

Instructions:

- (i) No. of Questions to be set: 09 (02 Questions from each unit) and Question No. 01 is to be set from all over the Units i.e. short type Questions.
- (ii) No. of Questions to be attempted: 05 Question No. 01 is compulsory
- (iii) All Questions will be of equal marks.

Course Objectives:

To develop a critical understanding of Aesthetics and Art Appreciation. Analytical study of some of the prominent Indian Philosophers.

Course Outcomes:

After completion of course student will be able to:

- MAFA.102.1** Introduction and effective knowledge of art and aesthetics, for carrier development/ art appreciation.
- MAFA.102.2** Critical understanding of Indian Vedic Philosophy and Literature and its relevance to art.
- MAFA.102.3** To develop a keen insight into the contribution of Indian Philosophy in development of art in India.
- MAFA.102.4** Develop a critical understanding of Indian philosophy of art and aesthetics and its relevance to Indian art.

Course of Study

Unit-I

Introduction to Aesthetics and its Scope, Philosophy and Art, Introduction to basic Principles of Indian Philosophy and Religious Thoughts – Vedic, Upanishadic.

Unit-II

Fundamentals of Indian Art, Principles of Painting and Shilpa Texts like Chitrastutam, Chitrakalanam

Unit-III

Concept of Rasa, Rasanubhuti, Ras Nishpatti, Bharat Lollat, Sankhya, Bharat Muni, AbhinavGupt (including types and components of Rasa),

Unit-IV

Concept of Shadanga, Alankar: Bhamak, Dhawani Sidhant : Anad Vardhan, Auchitya: Kasmendra, Riti: Vaman.

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

(i) Two handwritten Assignments : 10%
(1st Assignment after one month & 2nd after two months)

(ii) One Class Test (One period duration) : 5%

(iii) Attendance : 5%

Marks for attendance will be given as under: -

(1) 91% onwards : 5 Marks (4) 70% to 74% : 2 Marks

(2) 81% to 90% : 4 Marks (5) 65% to 69% : 1 Marks

(3) 75% to 80% : 3 Marks

Reading List

1. Aesthetic meaning – RekhaJhanji
2. Philosophy of Art (Foundations of Philosophy series)
3. Comparative Aesthetics: Eastern & Western – G. Hanumantha Rao and DVK Murthy
4. Philosophy of Art – Aldrich Virgil
5. Aesthetics from classical Greece to the present: A Short History – Monsore C. Beardsley.
6. Introductory Readings in Aesthetics – Hospers John.
7. Art and Illusion – E. H. Gombrich.
8. Ideals and Idols – E.H. Gombrich..
9. Approaches to Indian Art – NiharRanjan Ray
10. Aesthetic Theory and Art – Ranjan K. Ghosh
11. Mimesis as Make – Believe – Aurthur Danto
12. j l fl) k l r , o d k n ; z k l = % M M u x b n z
13. d y k v g l k n ; z % l j n c j f y a s
14. H k j r h ; l k n ; z k l = % j k e y [k u " k p y
15. j l fl) k l r v g l k n ; z k l = % f u e y t u
16. d y k l e h (k % f x f j j k t f d " k j v " k d
17. l k n ; z R o % l j n u k f k n k l x q r
18. l k n ; z k l = % j k e - i k v . k d j
19. H k j r h ; n " k z % , l - , u - n k l x q r k
20. n " k z f n x n " k z % j k g y l k d R r ; k ; u
21. H k j r h ; l k n ; z k l = d h H k f e d k % M M u x b n z
22. d y k f o o p u % d e j j f o e y
23. H k j r h ; l k n ; z k l = d k r k f o d f o o p u , o d . k z % j k e y [k u " k p y
24. L k k / k j . k d j . k v g l k n ; z k l = d s i e f k f l) k l r % i e d k l r V . M u
25. l k n ; z k l = d s r R o % d e j j f o e y
26. l k n ; z k l = & M M i e k f e J k

CO-PO mapping matrix for the course MAFA-102 (Name of the Course: Aesthetics and Art Appreciation)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	3	2	3	2	2	2	3	2	3	1
CO2	3	2	3	2	2	2	3	2	3	1
CO3	3	2	3	2	2	1	2	2	3	1
CO4	3	2	3	2	3	1	3	2	3	1
Average	03	02	03	02	2.25	01	2.75	02	03	01

CO-PSO mapping matrix for the course MAFA-102 (Name of the Course: Aesthetics and Art Appreciation)

	PSO1	PSO2	PSO3	PSO4
CO1	3	2	3	3
CO2	2	2	2	3
CO3	3	3	3	3
CO4	2	2	2	2
Average	2.5	2.25	2.5	2.75

Department of Fine Arts
Kurukshetra University Kurukshetra
 ("A+" Grade, NAAC Accredited)

CHOICE BASED CREDIT SYESTEM (CBCS) Outcome based education
Detail Syllabus of Examinations M.A. (FINE ARTS) Applied Arts
 (w.e.f. the academic session 2020-21 onwards)

Course Code	Course Nomenclature	Specialization	Nature of Course		Examination Marks		Total Marks	Credit	Duration of Exam (in Hours)
					Theory				
					Internal Asst.	Examination			
MAFA-103	Advertising Foundation	Applied Arts	Theory	Core	20	80	100	04	03

Instructions:

- (i) No. of Questions to be set: 09 (02 Questions from each unit) and Question No. 01 is to be set from all over the Units i.e. short type Questions.
- (ii) No. of Questions to be attempted: 05. Question No. 01 is compulsory
- (iii) All Questions will be of equal marks.

COURSE OUTCOME - after the completion of this course the students will get-

- MAFA 103.1** Ability to use the historical and contemporary media as an extension to creative explorations.
- MAFA 103.2** Capable to develop a critical understanding about the current development in information technology and its impact on advertising.
- MAFA 103.3** Ability to utilize the art and advertising theory interface for creative outcomes.
- MAFA 103.4** Develop a critical, aesthetic and structural understanding of a photographic image.

Courses of Study:

Unit 1 - Introduction to Advertising – Define Advertising, Origin and growth of modern advertising. Types of Advertising, Functions of Advertising, **Trademark:** Logo/ Logotype, signature, seal, Monogram, Symbol, Emblem, Insignia, **Advertising and Society:** Advertising business offers employment, Advertising promotes freedom of press, Information and Freedom of choice, Advertising creates demand and consequently sales, advertising reduces selling cost, Truth in advertising, Advertising tries to raise the standard of living.

Unit 2 - Creative side of the Advertising – creative Advertising, Creative concept & Creative leap, Creative brief and big Idea, Creative Strategy, Creative thinking, Visual thinking. Art direction and its functions. U.S.P.

Unit 3 - Campaign planning, objectives and basic principles – Campaign objectives & Types, Factors influencing the planning of advertising campaign. The selling methods, Advertising Appeal. Modern advertising agencies and its structure, the Advertiser, The target audience, Publicity, Propaganda. Radio & T.V. advertising and Jingles, Interactive Advertising.

Unit 4 - Photography: Introduction, brief history and meaning. Role of photography in Advertising. Photographers of India; Raja Deen Dyal, Raghu Rai, Sudharak Olwe. Hardesh Dhingra, Prabudha Das Gupta, Prashant Godbole.

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

(i) Two handwritten Assignments : 10%

(1st Assignment after one month & 2nd after two months)

(ii) One Class Test (One period duration) : 5%

(iii) Attendance : 5%

Marks for attendance will be given as under: -

(1) 91% onwards : 5 Marks (4) 70% to 74% : 2 Marks

(2) 81% to 90% : 4 Marks (5) 65% to 69% : 1 Marks

(3) 75% to 80% : 3 Marks

Reading Books

1. Foundation of Advertising: S.A Chunnawalla, K.C Sethia.
2. Advertising and Sales Promotion: S.H.H kazmi, Satish Batra.
3. Social Dimension of Advertising: S.S Kaptan.
4. Advertising theory and practice: C.H Sandage, Vernon Fryburger.

5. Advertising and Promotion AN IMC Approach, Shimp Cengage Learning India Pvt. Ltd., New
6. Delhi Contemporary Advertising: William F. Arens, Courtland L. Bovee.
7. foKki u *rduhd , oafi jkkr* %ujhzh ; kno
8. foKki u fMtibz %ujhzh ; kno
9. foKki u dyk %, dsoj i l kn gVoky
10. foKki u %v'kd egktu

Mapping Matrix:

CO-PO mapping matrix for the course MAFA-103 (Name of the Course: Advertising Foundation)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	1	2	0	1	1	2	0	1	3	0
CO2	1	2	0	1	1	3	0	1	3	0
CO3	1	2	0	1	1	2	0	1	3	0
CO4	1	2	0	1	1	2	0	1	3	0
Average	01	02	0	01	01	2.25	0	01	03	0

CO-PSO mapping matrix for the course MAFA-103 (Name of the Course: Advertising Foundation)

	PSO1	PSO2	PSO3	PSO4
CO1	2	3	3	3
CO2	3	2	3	3
CO3	2	3	3	2
CO4	3	3	3	3
Average	2.5	2.75	03	2.75

Department of Fine Arts
Kurukshetra University Kurukshetra
 ("A+" Grade, NAAC Accredited)

CHOICE BASED CREDIT SYESTEM (CBCS)
Detail Syllabus of Examinations M.A. (FINE ARTS) Drawing & Painting
 (w. e. f. the academic session 2020-21)

DETAILED SYLLABUS (Practical)

Course Code	Course Nomenclature	Specialization	Nature of Course		Examination Marks		Total Marks	Credit	Duration of Exam (in Hours)
					Practical				
					Internal Asst.	Examination			
MAFA-104	Portrait Study	Drawing & Painting	Practical	Core	100	200	300	12	18

Instructions:

- (i) The examiner will evaluate the work of examinee at the end of semester
- (ii) Internal examiner will evaluate the Sessional work.

Course Objectives:

The course encourages the students to learn human anatomy and drawing. The course offers opportunities to develop independent artistic thinking and aptitude for a rigorous studio practice.

Course Outcomes:

After completion of course student will be able

- MAFA.104.1** Draw /Study of live model, in details of Bones, Masses Face and full human body, expression of faces, dynamism of human figure etc.
- MAFA.104.2** To Develop personal style of drawing in different mediums and Human Expressions.
- MAFA.104.3** Ability to explore diversity of conceptual and aesthetic approaches, styles and techniques.
- MAFA.104.4** Ability to demonstrate a sustained artistic engagement with supportive elements.

Course of Study:

Study of Portrait in different mediums.

Examination

Minimum Size : Portrait Study

Size: 18" x 24"

Medium: Oil, Acrylic, Colors, Mix Media etc. on Canvas.

Duration of Exam: 18 Hours

Instructions

- The examiner will evaluate the work of examinee on the last day of the examination and if the examiner did not turn up on the last day, the art work will be kept in a sealed lock custody and as and when the examiner comes as his/her convenient date can evaluate the practical paper.
- Internal examiner will evaluate the Seasonal work

Sessional Work

- No. of Assignments on Canvas : 04 (Portrait Study 18" x 24")
- Colour Sketches : 20
- Sketches : 250

CO-PO mapping matrix for the course MAFA-104 (Name of the Course: Portrait Study)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	3	2	1	1	2	2	1	2	3	1
CO2	3	2	2	2	2	2	1	2	3	1
CO3	3	3	1	2	2	1	1	2	3	1
CO4	3	2	2	1	2	2	1	2	3	1
Average	03	2.25	1.5	1.5	02	1.75	01	02	03	01

CO-PSO mapping matrix for the course MAFA-104 (Name of the Course: Portrait Study)

	PSO1	PSO2	PSO3	PSO4
CO1	3	2	3	3
CO2	2	3	3	3
CO3	3	3	3	3
CO4	2	2	2	3
Average	2.5	2.5	2.75	03

Department of Fine Arts
Kurukshetra University Kurukshetra
 ("A+" Grade, NAAC Accredited)
CHOICE BASED CREDIT SYESTEM (CBCS)
Detail Syllabus of Examinations M.A. (FINE ARTS) Applied Arts
(w. e. f. the academic session 2020-21)

Course Code	Course Nomenclature	Specialization	Nature of Course		Examination Marks		Total Marks	Credit	Duration of Exam (in Hours)
					Practical				
					Internal Asst.	Examination			
MAFA-105	Computer Graphics & Photography	Applied Arts	Practical	Core	100	200	300	12	18

Instructions:

- (i) The examiner will evaluate the work of examinee in the end of the semester.
 - (ii) Internal examiner/committee will evaluate the Sessional work/internal assessment.
- Computer Graphics: Size (Minimum- 8" x12") Photography: Minimum Size 8" x 12"

COURSE OUTCOME - after the completion of this course the students will get-

- MAFA 105.1** Creative use of new mediums such as Digital photography, digital image, text, audio, video etc.
- MAFA 105.2** Ability to use of design technology including software programs, camera and other digital resources.
- MAFA 105.3** Ability to explore photography beyond its conventional limits.
- MAFA 105.4** Technical proficiency to use various tools and applications of computer graphics.

Course of Study:

The students will have to prepare assignments on the given topic:

- Computer Graphics:** Knowledge of basic Computer Application and Knowledge of various software's mainly Adobe Illustrator/ Corel Draw, Adobe Photoshop, Adobe Page-Maker, Microsoft Power-point. Digital Manipulation & its use in advertisement.
Total assignments for Sessional work –one campaign (Minimum 10 Assignment per Campaign. Minimum Size of assignments can be decided after the discussion with concern teacher.
- Photography:** Basic knowledge of photography and its various equipments and materials – application of photography in advertising. Various photographic assignments of cityscape, nature, portrait, experimental photography etc.
Total assignment for Sessional work – Minimum 6 in each category (i) **Still Life** (ii) **Portrait** (iii) **Landscape** (iv) **Street photography**.
- Small Documentary /Commercial Movie- 1**

CO-PO mapping matrix for the course MAFA-105 (Name of the Course: Computer Graphics & Photography)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	2	2	1	2	2	3	1	1	3	0
CO2	2	1	1	2	2	3	1	1	3	0
CO3	2	2	1	1	2	3	1	1	3	0
CO4	2	1	1	2	2	3	1	1	3	0
Average	02	1.5	01	1.75	02	03	01	01	03	0

CO-PSO mapping matrix for the course MAFA-105 (Name of the Course: Computer Graphics & Photography)

	PSO1	PSO2	PSO3	PSO4
CO1	3	3	3	2
CO2	2	3	3	3
CO3	3	3	3	2
CO4	2	2	2	3
Average	2.5	2.75	2.75	2.5

Department of Fine Arts
Kurukshetra University Kurukshetra
 ("A+" Grade, NAAC Accredited)

CHOICE BASED CREDIT SYESTEM (CBCS)
Detail Syllabus of Examinations M.A. (FINE ARTS) Drawing & Painting
 (w. e. f. the academic session 2020-21)

DETAILED SYLLABUS (Practical)

Course Code	Course Nomenclature	Specialization	Nature of Course		Examination Marks		Total Marks	Credit	Duration of Exam (in Hours)
					Practical				
					Internal Asst.	Examination			
MAFA-106	Advance Composition	Drawing & Painting	Practical	Core	100	200	300	12	18

Course Objectives:

The course encourages students to develop a critical and artistic temperament. The course offers opportunities to develop independent artistic thinking and aptitude for a rigorous studio practice.

Course Outcomes:

After completion of course student will be able

MAFA.106.1 Ability to display critical awareness of art history and contemporary visual art practices and their inter relationship in the Indian and Western perspective

MAFA.106.2 Develop personal approach to visualization, conceptualization and art creation.

MAFA.106.3 Ability to explore diversity of conceptual and aesthetic approaches, styles and techniques

MAFA.106.4 Ability to demonstrate a sustained artistic engagement with socio-political realities, Indian Culture, Moral Values, Folk Tradition e and intensive investigation of contemporary critical issues

Course of Study:

Advancement of previous experience towards a complete pictorial interpretation, theme and expression of mood, symbolism, dramatization, distortion for emotional effect including abstract expressionism projects with emphasis on independent creative work.

a) Advanced Drawing

- Exploration of an individual approach to drawing as an aesthetic exercise of visual sign and symbol and locate your practice in the broader context of contemporary art
- Exercise of different drawing techniques of traditional and contemporary masters Exercise on application of different mediums both traditional and contemporary as a drawing tool
- Medium: pencil, charcoal, pastel, pen and ink, water colour Acrylic and oil, photocopy, impression, stencil, etc.

b) Composition

- Identify and synthesis the connection between process and concept in reference to collage/collision
- Exercise with different methods and traditions of representation of space, form and colour in reference to history and visual culture
- Medium: Develop, test and employ materials, process and mediums in a way that activates your ideas and concepts
- Exercise work in different aspect and medium.
Study of form, Texture, relief etc
- Assemblage: Understanding of the meaning and material of value by assembling different chosen material on surface/space.

Examination

Size: 30" x 40"

Medium: Oil, Acrylic, Colors, Mix Media etc. on Canvas.

Duration of Exam: 18 Hours

Instructions:

- The topics/subjects to be painted will be of multiple choices.
- The topics/subjects will be sent by the examiner to the Conduct Branch ten days prior to the commencement of examinations.
- The examiner will evaluate the work of examinee on the last day of the examination and if the examiner did not turn up on the last day, the art work will be kept in a sealed lock custody and as and when the examiner comes as his/her convenient date can evaluate the practical paper.
- Internal examiner will evaluate the Sessional work.

Sessional Work

- | | |
|-----------------------|--|
| 1. No. of Assignments | :04 finished Canvas in Oil or Acrylic or Mix Media |
| 2. Collage | :01 |
| 3. Colour sketches | :20 |

4. Sketches

:250

CO-PO mapping matrix for the course MAFA-106 (Name of the Course: Advance Composition)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	3	2	2	1	2	3	2	1	3	1
CO2	3	2	2	1	2	3	2	1	3	1
CO3	3	2	2	1	2	3	1	1	3	1
CO4	3	2	2	1	2	3	1	1	3	1
Average	03	02	02	01	02	03	1.5	01	03	01

CO-PSO mapping matrix for the course MAFA-106 (Name of the Course: Advance Composition)

	PSO1	PSO2	PSO3	PSO4
CO1	2	3	3	3
CO2	3	2	2	3
CO3	3	3	2	3
CO4	2	2	2	3
Average	2.5	2.5	2.25	03

Department of Fine Arts
Kurukshetra University Kurukshetra
 ("A+" Grade, NAAC Accredited)
CHOICE BASED CREDIT SYESTEM (CBCS)
Detail Syllabus of Examinations M.A. (FINE ARTS) Applied Arts
(w. e. f. the academic session 2020-21)

Course Code	Course Nomenclature	Specialization	Nature of Course		Examination Marks		Total Marks	Credit	Duration of Exam (in Hours)
					Practical				
					Internal Asst.	Examination			
MAFA-107	Advertising Campaign	Applied Arts	Practical	Core	100	200	300	12	18

Instructions:

- The examiner will evaluate the work of examinee in the end of the semester.
- Internal examiner will evaluate the Sessional work.

COURSE OUTCOME - After the completion of this course the students will get-

MAFA.107.1 Ability to communicate messages visually through a combination of words, artworks, graphic and media.

MAFA.107.2 Ability to sustained artistic engagement with socio-political realities and intensive investigation of contemporary critical issues.

MAFA.107.3 Capable to utilize the art and technology interface for creative outcomes.

MAFA.107.4 Ability to utilize the visual message as a tool of social, moral and scientific awareness.

Course of Study

Advertising campaign in different media, mainly the product campaign social campaign.

Analytical study of different product groups. Visuals to be based on the class of commodity and class of appeal.

Note:- The Students will have to prepare two assignments related to particular theme/topic (a product or a social or institutional theme.)

(i) POSTER:

Size 20" x 30"

Medium: Poster color

Final Sessional Work

(a) Social Campaign - Minimum 14 Assignment

- i. Logo - 1
- ii. Letter head, Visiting Card, Envelope – 1 Set.
- iii. Posters - 4
- iv. Hoarding/Banner - 1
- v. Press Layout – 1
- vi. Magazine Layout – 2
- vii. Illustration – 2
- viii. Cube, calendar, Package, Dangler, cutout, counter display or any other assignment with permission of concern teacher. Any -2
- ix. Sketches – 500

CO-PO mapping matrix for the course MAFA-107 (Name of the Course: Advertising Campaign)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	2	2	1	2	1	2	1	2	3	0
CO2	2	3	1	2	1	2	1	2	3	0
CO3	2	3	1	1	1	3	1	2	3	0
CO4	2	3	1	2	1	3	1	2	3	0
Average	02	2.75	01	1.75	01	2.5	01	02	03	0

CO-PSO mapping matrix for the course MAFA-107 (Name of the Course: Advertising Campaign)

	PSO1	PSO2	PSO3	PSO4
CO1	3	3	3	2
CO2	2	3	3	3
CO3	3	3	3	2
CO4	2	2	2	2
Average	2.5	2.75	2.75	2.25

Department of Fine Arts
Kurukshetra University Kurukshetra
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CHOICE BASED CREDIT SYESTEM (CBCS)

Detail Syllabus of Examinations M.A. (FINE ARTS) Drawing & Painting/ Applied Art
(w. e. f. the academic session 2020-21)

Second Semester

Course Code	Course Nomenclature	Specialization	Nature of Course		Examination Marks		Total Marks	Credit	Duration of Exam (in Hours)
					Theory				
					Internal Asst.	Examination			
MAFA-201	History of Modern Western Art	Drawing & Painting/ Applied Art	Theory	Core	20	80	100	04	03

Instructions:

- (i) No. of Questions to be set: 09 (02 Questions from each unit) and Question No. 01 is to be set from all over the Units i.e. short type Questions.
- (ii) No. of Questions to be attempted 05. Question No. 01 is compulsory
- (iii) All Questions will be of equal marks.

Course Objectives:

To develop a critical understanding of western art from the 18th century. Analytical study of some of the prominent artists of the Europe.

Course Outcomes:

After completion of course student will be able

MAFA.201.1 To Trace the development of Western art to Modern period.

MAFA.201.2 Develop a critical understanding of western Art Movements and its relevance and impact on art.

MAFA.201.3 Critical understanding of the art work of some of the seminal/prominent artists and their contributions to modern art.

MAFA.201.4 Develop a critical understanding of western art and its relevance and impact on art.

Course of Study

Unit-I

Constructivism: Kasimir Malevich, Alexander Rodchenko, Naum Gabo, Antoine Pevsner.
De Stijl : Piet Mondrian, Theo Van Doesburg.

Unit-II

Dada and Surrealism: Giorgio De Chirico, Marcel Duchamp, Max Ernst, Joan Miro Salvador Dali, Francis Picabia, Marc Chagall,

Unit-III

Abstraction: Vasily Kandinsky, Paul Klee, Jackson Pollock, Mark Rothko
Pop Art : David Hockney, Andy Warhole. Other important Painter: Amedeo Modigliani, Max Beckman

Unit-IV

Op Art, Frank Stella, Victor Vasarely. Minimal and Kynetic art.
Important Sculptor: Constantine Brancusi, Henry Moore, Alberto Giacometti, Auguste Rodin,

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

- (i) Two handwritten Assignments : 10%
(1st Assignment after one month & 2nd after two months)
 - (ii) One Class Test (One period duration) : 5%
 - (iii) Attendance : 5%
- Marks for attendance will be given as under:-
- | | | |
|-----------------|-----------|--------------------------|
| (1) 91% onwards | : 5 Marks | (4) 70% to 74% : 2 Marks |
| (2) 81% to 90% | : 4 Marks | (5) 65% to 69% : 1 Marks |
| (3) 75% to 80% | : 3 Marks | |

Reading List:

1. Razanl, Modern Paining, Skira – Useful references from plates and text.
2. Lake and Maillard – Dictionary of Modern Painting.
3. Herbert Read – A concise History of Modern Paining.
4. William Vaughan – Romantic Art.
5. European Modern Movements in Encyclopedia of World Art.
6. Leymarie – Impressionism (Skira).
7. J. Rewald – History of impressionism – Museum of Modern Art, New York.
8. J. Rewald – Post Impressionism (Both these books are indispensable for the respective periods).
9. Roger Fry – Vision and Design.
10. Crespelle – The Fauves.
11. Golding – Cubism: A history and analysis – See Also : Cubism and Futurism in Encyclopediadia of World Art.
12. Rosenblum – Cubism and 20th Century Art.
13. Selz : German Expressionism. For Expressionism See Also Encyclopediadia of World Art.
14. Ritchie – German 20th Century Art – Museum of Modern Art.
15. Barr – Fantastio Art; Dada and Surrealism.
16. Scuphor – Dictionary of Abstract Art.
17. Marcel Jean – A History of Surrealist Painting (Comprehensive Study)
18. Herber Read – Surrealism (Mainly documents)
19. Rubin – Dada & Surrealism.
20. F. Pepper – Kinetic Art.
21. L. Lippart – Pop Art.
22. Herbert Read: (ii) Art of Sculpture.
23. Giedion Welcker: Contemporary Sculpture.
24. Kulterman – The New Sculpture.
25. Maillard – Dictionary of Modern Sculpture.
26. Scuphot: Sculpture of 20th Century.

CO-PO mapping matrix for the course MAFA-201 (History of Modern Western Art)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	2	2	1	1	0	0	1	2	2	0
CO2	2	2	1	1	0	0	1	2	2	0
CO3	2	2	1	1	0	0	1	2	2	0
CO4	2	2	1	1	0	0	1	2	2	0
Average	02	02	01	01	0	0	01	02	02	0

CO-PSO mapping matrix for the course MAFA-201 (History of Modern Western Art)

	PSO1	PSO2	PSO3	PSO4
CO1	3	2	3	3
CO2	3	3	2	3
CO3	3	3	3	2
CO4	3	3	3	3
Average	03	2,75	2.75	2.75

Department of Fine Arts
Kurukshetra University Kurukshetra
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CHOICE BASED CREDIT SYESTEM (CBCS)

Detail Syllabus of Examinations M.A. (FINE ARTS) Drawing & Painting
 (w. e. f. the academic session 2020-21)

Course Code	Course Nomenclature	Specialization	Nature of Course		Examination Marks		Total Marks	Credit	Duration of Exam (in Hours)
					Theory				
					Internal Asst.	Examination			
MAFA-202	Aesthetics and Art Appreciation	Drawing & Painting	Theory	Core	20	80	100	04	03

Instructions:

- (i) No. of Questions to be set: 09 (02 Questions from each unit) and Question No. 01 is to be set from all over the Units i.e. short type Questions.
- (ii) No. of Questions to be attempted: 05, Question No. 01 is compulsory
- (iii) All Questions will be of equal marks.

Course Objectives:

To develop a critical understanding of Aesthetics and Art Appreciation. Analytical

study of some of the prominent Western Philosophers.

Course Learning Outcomes:

After completion of course student will be able

MAFA.202.1 Introduction and effective knowledge of Art and Aesthetics, for carrier development and art appreciation.

MAFA.202.2 Critical understanding of Western Philosophy of art its relevance to art.

MAFA.202.3 To develop a keen insight into the contribution of Western Philosopher in development of art

MAFA.202.4 Develop a critical understanding of Western Theory of art and aesthetics and its relevance to Indian art

Course of Study

Unit-I

Introduction to Western Philosophers, Greek Philosophers: Socrates, Plato, Aristotle.
Neo-Platonism: Plotinus, Saint Augustine

Unit-II

British – George Burkle, William Hogarth .
German & Romanian – Baumgartner, Kant, Hegel, Schopenhauer,

Unit-III

Expressionist- Benedetto Croce
French Philosophers- Roger Fry, Clive Bell
Other: C.J. Jung, Croce, Susanne Langer

Unit-IV

Russian- Leo Tolstoy, Sigmund Freud, Herbert Read, John Ruskin (Psychology and Art),
Fraud's theory (conscious and sub-conscious mind),

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

- (i) Two handwritten Assignments : 10%
(1st Assignment after one month & 2nd after two months)
- (ii) One Class Test (One period duration) : 5%
- (iii) Attendance : 5%

Marks for attendance will be given as under: -

- | | | |
|-----------------|-----------|--------------------------|
| (1) 91% onwards | : 5 Marks | (4) 70% to 74% : 2 Marks |
| (2) 81% to 90% | : 4 Marks | (5) 65% to 69% : 1 Marks |
| (3) 75% to 80% | : 3 Marks | |

Reading List

1. Aesthetic meaning – RekhaJhanji
2. Philosophy of Art (Foundations of Philosophy series)
3. Comparative Aesthetics: Eastern & Western – G. Hanumantha Rao and DVK Murthy
4. Philosophy of Art – Aldrich Virgil
5. Aesthetics from classical Greece to the present: A Short History – Monsore C. Beardsley.
6. Art as Experience – John Dewey.
7. Introductory Readings in Aesthetics – Hospers John.
8. Art and Illusion – E. H. Gombrick.
9. Ideals and Idols – E.H. Gombrick.
10. Ways of World Making – Nelson Goodman.
11. Critical Theory – Pyne
12. Truth in Painting – JaquesDerida.
13. Approaches to Indian Art – NiharRanjan Ray
14. Idea and Images – NiharRangan Ray

15. Aesthetic Theory and Art – Ranjan K. Ghosh
16. Mimesis as Make – Believe – Aurther Danto
17. K.C. Pandey-
18. j l fl) W r , o d k n ; z k l = % M W u x b n z
19. d y k v g l k n ; z % l j b n c l j f y a s
20. H k j r h ; l k n ; z k l = % j k e y [k u " k p y
21. j l fl) W r v g l k n ; z k l = % f u e y t u
22. d y k l e h k k % f x f j j k t f d " k j v " k k d
23. l k n ; z r o % l j b n u k f k n k l x q r
24. l k n ; z k l = % j k e - i k v . k d j
25. H k j r h ; n " k u % , l . , u - n k l x q r k
26. n " k u f n k n " k u % j k g y l k d R r ; k ; u
27. H k j r h ; l k n ; z k l = d h H k d e d k % M W u x b n z
28. d y k f o o p u % d e k j f o e y
29. H k j r h ; l k n ; z k l = d k r k f r o d f o o p u , o d . k u % j k e y [k u " k p y
30. L k k / k j . k d j . k v g l k n ; z k l k n d s i e d k f l) W r % i e d k u r V . M u
31. l k n ; z k l = d s r r o % d e k j f o e y
32. l q n j e % g f j j k j h y k y " k e l z
33. l k n ; z k l = & M W i e k f e J k

CO-PO mapping matrix for the course MAFA-202 (Aesthetics and Art Appreciation)

Cos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	3	2	3	2	1	1	2	1	2	0
CO2	3	2	3	2	2	2	2	1	2	0
CO3	3	2	3	2	2	2	2	1	2	0
CO4	3	2	3	2	1	1	2	1	2	0
Average	03	02	03	02	1.5	1.5	02	01	02	0

CO-PSO mapping matrix for the course MAFA-202 (Aesthetics and Art Appreciation)

	PSO1	PSO2	PSO3	PSO4
CO1	3	2	3	3
CO2	2	2	2	3
CO3	3	3	3	3
CO4	2	2	2	2
Average	2.5	2.25	2.5	2.75

Department of Fine Arts
Kurukshetra University Kurukshetra
 ("A+" Grade, NAAC Accredited)
CHOICE BASED CREDIT SYESTEM (CBCS)
Detail Syllabus of Examinations M.A. (FINE ARTS) Applied Arts
(w. e. f. the academic session 2020-21)

Course Code	Course Nomenclature	Specialization	Nature of Course		Examination Marks		Total Marks	Credit	Duration of Exam (in Hours)
					Theory				
					Internal Asst.	Examination			
MAFA-203	Advertising Foundation	Applied Arts	Theory	Core	20	80	100	04	03

Instructions:

- (i) No. of Questions to be set: 09 (02 Questions from each unit) and Question No. 01 is to be set from all over the Units i.e. short type Questions.
- (ii) No. of Questions to be attempted: 05, Question No. 01 is compulsory
- (iii) All Questions will be of equal marks.

COURSE OUTCOME - after the completion of this course the students will get-

- MAFA203.1** Ability to use the creative copy and text in contemporary media and advertising as an extension to creative exploration.
- MAFA203.2** Ability to develop a critical understanding about the marketing & marketing research and its impact on advertising.
- MAFA203.3** Capable to utilize the theoretical knowledge of art and technology interface for creative outcomes.
- MAFA203.4** Ability to understand a sustained artistic engagement with social, moral & ethical values through contemporary advertising.

Courses of Study:

Unit – 1- Copy writing & Typography – Introduction of copy, types of copy, copy formats : Headlines, Sub headlines, body copy, Slogan etc. Typography and its role in Advertising. Calligraphy.

Unit – 2–Marketing, Advertising & Market Research: Nature and scope of Marketing, Advertising role in marketing, Types of market. Marketing mix, 4P's of marketing and Marketing channel of distribution, Packaging, Insurance, Transportation, Direct marketing. Consumer reaction, Motivational research, Brand image.

Unit –3 -Print Advertising:, Newspaper Advertising, Magazine advertisement, Layout stages, Layout design principles. Famous Mascots, Window display, Counter display, Major different printing techniques in brief: offset, letterpress, lithography, gravure or intaglio, screen printing, laser printing etc.

Unit –4–Ethics, Regulations and Social Responsibilities – Taste and Advertising, Stereotyping in Advertising: Women in advertisement, racial and ethnic stereotypes, Advertising to children, Advertising controversial products & legal aspects of advertising. Copyright, Trade Mark act etc.

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

- (i) Two handwritten Assignments : 10%
(1st Assignment after one month & 2nd after two months)
(ii) One Class Test (One period duration) : 5%
(iii) Attendance : 5%
Marks for attendance will be given as under:-
(1) 91% onwards : 5 Marks (4) 70% to 74% : 2 Marks
(2) 81% to 90% : 4 Marks (5) 65% to 69% : 1 Marks
(3) 75% to 80% : 3 Marks

Reading Books-

1. Foundation of Advertising: S.A Chunnawalla, K.C Sethia.
2. Advertising and Sales Promotion: S.H.H kazmi, Satish Batra.
3. Social Dimension of Advertising: S.S Kaptan.
4. Advertising theory and practice: C.H Sandage, Vernon Fryburger.
5. Advertising and Promotion AN IMC Approach, Shimp Cengage Learning India Pvt. Ltd., New Delhi
6. Contemporary Advertising: William F. Arens, Courtland L. Bovee.
7. foKki u *rduhd , oaf l jklr* %ujlnz ; kno
8. foKki u fMtkbL %ujlnz ; kno
9. foKki u dyk % , dsoj i l kn gVoky
- 10- foKki u %v'kl d egktu

CO-PO mapping matrix for the course MAFA-203 (Advertising Foundation)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	2	2	2	2	2	2	2	2	3	1
CO2	2	2	2	2	2	2	1	1	3	1
CO3	2	2	2	2	2	2	2	1	3	1
CO4	2	3	2	3	2	2	2	2	3	1
Average	02	2.25	02	2.25	02	02	1.75	1.5	03	01

CO-PSO mapping matrix for the course MAFA-203 (Advertising Foundation)

	PSO1	PSO2	PSO3	PSO4
CO1	3	3	3	2
CO2	2	2	2	2
CO3	3	3	3	3
CO4	2	3	3	3
Average	2.5	2.75	2.75	2.5

Department of Fine Arts
Kurukshetra University Kurukshetra
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CHOICE BASED CREDIT SYESTEM (CBCS)
Detail Syllabus of Examinations M.A. (FINE ARTS) Drawing & Painting
 (w. e. f. the academic session 2020-21)

DETAILED SYLLABUS (Practical)

Course Code	Course Nomenclature	Specialization	Nature of Course		Examination Marks		Total Marks	Credit	Duration of Exam (in Hours)
					Practical				
					Internal Asst.	Examination			
MAFA-204	Portrait Study	Drawing & Painting	Practical	Core	100	200	300	12	18

Instructions

- The examiner will evaluate the work of examinee on the last day of the examination and if the examiner did not turn up on the last day, the art work will be kept in a sealed lock custody and as and when the examiner comes as his/her convenient date can evaluate the practical paper.
- Internal examiner will evaluate the Seasonal work

Course Objectives:

The course encourages the students to learn human anatomy and drawing. The course offers opportunities to develop independent artistic thinking and aptitude for a rigorous studio practice.

Course Outcomes:

After completion of course student will be able

MAFA.204.1 To draw Human Head and detail Study of Eyes, Nose, Ears, Lips and etc.

MAFA.204.2 To Develop personal style of drawing in different mediums and Human Expressions.

MAFA.204.3 Ability to explore diversity of conceptual and aesthetic approaches, styles and techniques

MAFA.204.4 Ability to demonstrate a sustained artistic engagement with supportive elements.

Course of Study:

Study of Portrait from life and its transformation into composition.

Sessional Work

- No. of Assignments on Canvas : 04 (Portrait Study 18" x 24")
- Colour Sketches : 20
- Sketches : 250

Examination

Size: 18" x 24"

Medium: Oil, Acrylic, Colors, Mix Media etc. on Canvas.

Duration of Exam: 18 Hours

CO-PO mapping matrix for the course MAFA-204 (Portrait Study)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	3	2	2	1	2	2	2	2	3	1
CO2	3	2	2	2	2	2	2	2	3	1
CO3	3	3	2	2	2	1	1	2	3	0
CO4	3	2	2	1	2	2	1	2	3	0
Average	03	2.25	02	1.5	02	1.75	1.5	02	03	1

CO-PSO mapping matrix for the course MAFA-204 (Portrait Study)

	PSO1	PSO2	PSO3	PSO4
CO1	2	3	3	3
CO2	3	2	2	3
CO3	3	3	2	3
CO4	2	2	2	3
Average	2.5	2.5	2.25	03

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CHOICE BASED CREDIT SYESTEM (CBCS)
Detail Syllabus of Examinations M.A. (FINE ARTS) Applied Arts
(w. e. f. the academic session 2020-21)

DETAILED SYLLABUS (Practical)

Course Code	Course Nomenclature	Specialization	Nature of Course		Examination Marks		Total Marks	Credit	Duration of Exam (in Hours)
					Practical				
					Internal Asst.	Examination			
MAFA-205	Computer Graphics & Photography	Applied Arts	Practical	Core	100	200	300	12	18

Instructions:

- (i) The Topics/Themes/Subject matters will be of multiple choices.
- (ii) The examiner will evaluate the work of examinee on the last day of the examination and if the examiner did not turn up on the last day, the art work will be kept in a sealed lock custody and as and when the examiner comes as his/her convenient date can evaluate the practical paper.

- (iii) The batches of students may have formed according to the availability of studio/darkroom computer in the department.
- (iv) Internal examiner will evaluate the Sessional work.
- (v) The student will have to submit one assignment for computer graphics given by the examiner. The photograph captured by the candidate should be used only.
- (vi) The student will have to submit one photograph on given topic.

Computer Graphics: Size (Minimum- 8" x12") Photography: Minimum Size 8" x 12"

COURSE OUTCOME - after the completion of this course the students will get-

MAFA 205.1 Creative use of new mediums such as photography, digital image, text, audio, video etc.

MAFA 205.2 Ability to use of design technology including software program, camera and other digital resources.

MAFA 205.3 Ability to explore photography beyond its conventional limits.

MAFA 205.4 Technical proficiency to use various tools, methods and process of computer graphics.

Course of Study:

The students will have to prepare assignments on the given topic:

1. **Computer Graphics:** Knowledge of basic Computer Application and Knowledge of various software's mainly Corel Draw, Adobe Page-Maker, Adobe Illustrator, Adobe Photoshop. Microsoft Power-point. Digital Manipulation & its use in advertisement.
Total assignments for Sessional work –one campaign (Minimum Ten Assignment per Campaign ie. Stationary Set, Layout, Poster).
2. **Photography:** Basic knowledge of photography and its various equipments and materials – application of photography in advertising. Various photographic assignments of cityscape, nature, portrait, experimental photography etc.
Total assignment for Sessional work – 6 in each category (i) composition (ii) Texture (iii) Digital Manipulation iv) Advertising Photography.
3. **Small Documentary /Commercial Movie- 1**

CO-PO mapping matrix for the course MAFA-205 (Name of the Course: Computer Graphics & Photography)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	2	2	1	2	1	2	1	2	3	1
CO2	3	3	1	3	1	2	1	2	3	0
CO3	2	2	1	1	1	3	1	2	3	1
CO4	3	3	1	3	1	3	1	2	3	0
Average	2.5	2.5	01	2.25	01	2.5	01	02	03	0

CO-PSO mapping matrix for the course MAFA-205 (Name of the Course: Computer Graphics & Photography)

	PSO1	PSO2	PSO3	PSO4
CO1	2	3	3	2
CO2	2	3	3	3
CO3	3	3	3	2
CO4	2	2	2	2
Average	2.25	2.75	2.75	2.25

Department of Fine Arts
Kurukshetra University Kurukshetra
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CHOICE BASED CREDIT SYESTEM (CBCS)
Detail Syllabus of Examinations M.A. (FINE ARTS) Drawing & Painting
(w. e. f. the academic session 2020-21)

DETAILED SYLLABUS (Practical)

Course Code	Course Nomenclature	Specialization	Nature of Course		Examination Marks		Total Marks	Credit	Duration of Exam (in Hours)
					Practical				
					Internal Asst.	Examination			
MAFA-206	Advance Composition	Drawing & Painting	Practical	Core	100	200	300	12	18

Instructions:

- (i) The topics/subjects to be painted will be of multiple choices.
- (ii) The topics/subjects will be sent by the examiner to the Conduct Branch ten days prior to the commencement of examinations.
- (iii) The examiner will evaluate the work of examinee on the last day of the examination and if the examiner did not turn up on the last day, the art work will be kept in a sealed lock custody and as and when the examiner comes as his/her convenient date can evaluate the practical paper.
- (iv) Internal examiner will evaluate the Sessional work.

Course Objectives:

The course encourages students to develop a critical and artistic temperament. The course offers opportunities to develop independent artistic thinking and aptitude for a rigorous studio practice.

Course Outcomes:

After completion of course student will be able

MAFA.206.1 Ability to display critical awareness of art history and contemporary visual art practices and their interrelationship in the Indian and Western perspective

MAFA.206.2 Develop personal approach to visualization, conceptualization and art creation.

MAFA.206.3 Ability to explore diversity of conceptual and aesthetic approaches, styles and techniques.

MAFA.206.4 Ability to demonstrate a sustained artistic engagement with socio-political realities, Indian Culture,, Moral Values, Folk Tradition e and intensive investigation of contemporary critical issues

Course of Study:

Advancement of previous experience towards a complete pictorial interpretation, theme and expression of mood, symbolism, dramatization, distortion for emotional effect including abstract expressionism projects with emphasis on independent creative work.

a) Advanced Drawing

- Exploration of an individual approach to drawing as an aesthetic exercise of visual sign and symbol and locate your practice in the broader context of contemporary art
- Exercise of different drawing techniques of traditional and contemporary masters
Exercise on application of different mediums both traditional and contemporary as a drawing tool
- Medium: pencil, charcoal, pastel, pen and ink, water colour Acrylic and oil, photocopy, impression, stencil, etc.

b) Composition

- Identify and synthesis the connection between process and concept in reference to collage/collision
- Exercise with different methods and traditions of representation of space, form and colour in reference to history and visual culture
- Medium: Develop, test and employ materials, process and mediums in a way that activates your ideas and concepts

Sessional Work

1. No. of Assignments :04 finished Canvas in Oil or Acrylic or Mix Media
2. Assemblage :01
3. Colour sketches :20
4. Sketches :250

CO-PO mapping matrix for the course MAFA-206 (Advance Composition)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	3	2	2	2	2	3	2	2	3	1
CO2	3	2	2	1	2	3	2	1	3	1
CO3	3	2	2	2	2	3	1	2	3	1
CO4	3	2	2	1	2	3	1	1	3	1
Average	03	02	02	01	02	03	1.5	01	03	01

CO-PSO mapping matrix for the course MAFA-206 (Advance Composition)

	PSO1	PSO2	PSO3	PSO4
CO1	2	3	3	3
CO2	3	2	2	3
CO3	3	3	2	3
CO4	2	2	2	3
Average	2.5	2.5	2.25	03

Department of Fine Arts
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CHOICE BASED CREDIT SYESTEM (CBCS)
Detail Syllabus of Examinations M.A. (FINE ARTS) Applied Arts
(w. e. f. the academic session 2020-21)

DETAILED SYLLABUS (Practical)

Course Code	Course Nomenclature	Specialization	Nature of Course		Examination Marks		Total Marks	Credit	Duration of Exam (in Hours)
					Practical				
					Internal Asst.	Examination			
MAFA-207	Advertising Campaign	Applied Arts	Practical	Core	100	200	300	12	18

Instructions:

- Themes/Subject matters/topics will be of multiple choices.
- The examiner will evaluate the work of examinee on the last day of the examination and if the examiner did not turn up on the last day, the art work will be kept in a sealed lock custody and as and when the examiner comes as his/her convenient date can evaluate the practical paper.
- Internal examiner will evaluate the Sessional work.
- Tracing of illustration/Photography is not allowed in any assignment however slogan writing is allowed with tracing or screen printing.
- First three hours is strictly for visualization and planning of campaign Any kind of reference is not allowed during this period.

COURSE OUTCOME - after the completion of this course the students will get-

- MAFA207.1** Ability to communicate messages visually through a combination of words, artworks, graphic and media.
- MAFA207.2** Ability to sustained artistic engagement with socio-political realities and intensive investigation of contemporary critical issues.
- MAFA207.3** Capable to utilize the art and technology interface for creative outcomes.
- MAFA207.4** Ability to utilize the visual message as a tool of social, moral and scientific awareness.

Course of Study

Advertising campaign in different media, mainly the product campaign social campaign. Analytical study of different product groups. Visuals to be based on the class of commodity and class of appeal.

Note: - The Students will have to prepare two assignments related to particular theme/topic (a product or a social or institutional theme.)

(i) POSTER:

Size 20" x 30"

Medium: Poster color

(ii) Assignment as given by the examiner.

Product Campaign - Minimum 12 Assignment

- i. logo – 1
- ii. Letter head, Visiting Card, Envelope – 1 Set.
- iii. Poster – 3
- iv. Hoarding/Banner - 1
- v. Press Layout – 2
- vi. Magazine Layout – 2
- vii. Two Assignments according to the topic (Play card, Show card Cube, , cutout, Package, Dangler, counter display etc. Any- 2)
- viii. Table calendar - 1
- ix. One reference file.

Sketches – 500

CO-PO mapping matrix for the course MAFA-207 (Advertising Campaign)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	2	2	1	2	1	3	1	2	3	0
CO2	2	2	1	2	2	3	1	1	3	0
CO3	3	2	2	1	1	3	1	1	3	0
CO4	2	2	1	2	2	3	1	1	3	0
Average	2.25	02	1.25	1.75	1.5	03	01	1.75	03	0

CO-PSO mapping matrix for the course MAFA-207 (Advertising Campaign)

	PSO1	PSO2	PSO3	PSO4
CO1	2	3	3	2
CO2	2	3	3	2
CO3	2	3	3	2
CO4	2	2	2	2
Average	02	2.75	2.75	02

Department of Fine Arts
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CHOICE BASED CREDIT SYESTEM (CBCS)

Detail Syllabus of Examinations M.A. (FINE ARTS) Drawing & Painting and Applied Art
(w. e. f. the academic session 2020-21)

Course Code	Course Nomenclature	Specialization	Nature of Course		Examination Marks		Total Marks	Credit	Duration of Exam (in Hours)
					Practical				
					Internal Asst.	Examination			
MAFA- 208	Graphics Design – I/ Pictorial Composition – I/ Clay Modelling- I/ Relief Composition-I	Drawing & Painting and Applied Art	Practical	Elective	50	-	50	02	06

Examination: M.A 2nd Sem. (Elective)

Paper: MAFA -208 Graphic Design-I (Applied Arts)

Time: 6 Hrs.

Max. Marks: 50

Credit-2

MAFA –208 Graphic Design-I (Applied Arts)	
Cos#	Course Outcome
MAFA - 208.1	To introduce the basics and its need in communication design.
MAFA - 208.2	To understand various aspect of graphic design and using it in designing.
MAFA - 208.3	Understanding the relevance of design principals in historic and contemporary art & design.
MAFA - 208.4	Enhances scientific temperament by application of Design.

Details of course work:

Practical (Medium: Computer)

- | | |
|---|----------|
| 1. Stationary Set (Visiting Card, Envelope, Letter Head) Total No. of Assignment-3 | 15 Marks |
| 2. Logo Design/ Symbol/ Monogram/ Insignia: Total No. of assignment-3 | 15 Marks |
| 3. Illustration (Total no. of assignment-1book with 8 plates), Medium: Computer/ Hand Work. | 20 Marks |

Table 2: CO – PO matrix for the course MAFA -208 – Graphic Design-I (Applied Arts)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MAFA - 208.1	2	1	-	1	1	-	1	-	2	-
MAFA - 208.2	1	2	-	2	-	2	-	-	2	-
MAFA - 208.3	2	2	2	2	2	2	1	1	2	1
MAFA - 208.4	1	2	2	1	1	3	2	1	2	-
Average	1.5	1.75	2	1.5	1	1.75	1	0.5	2	0.25

Table 3: CO – PO matrix for the course MFA -208- Graphic Design-I (Applied Arts)

	PSO1	PSO2	PSO3	PSO4
MAFA - 208.1	2	3	3	3
MAFA - 208.2	3	3	3	1
MAFA - 208.3	2	1	3	3
MAFA - 208.4	3	1	2	3
Average	2.5	2	2.75	2.5

Painting Semester: 2nd

(w.e.f. the academic session 2020-21)

Examination: M.A 2nd Sem. (Elective)

Paper: MAFA -208

Pictorial Composition-I(Painting)

Time: 6 Hrs.

Max. Marks: 50

Credit-

2

MAFA -208 Pictorial Composition I (Painting)	
Cos#	Course Outcome
MAFA - 208.1	Practicing and creating art with different painting medium and developing artistic skill.
MAFA - 208.2	Functional knowledge of tradition, conventions, and evolution of the discipline as related to issue of representation and illusion.
MAFA - 208.3	Ability to synthesize the use of drawing, two dimensional compositions and colour
MAFA - 208.4	Enhances the emotional intelligence.

**Basic Studies in specialized mediums of Pictorial Composition-I
Syllabus of Elective**

1. Study of Landscape

Medium –Pastel/ Poster/ water colour/ Oil Colour/ Acrylic Colour.

Size- ½ Size and ¼ Size

Total Number of Assignment - 2

Marks : 20

2. Study of Indian Miniature and Folk art

Size – ¼ and ½ Imp.

Total Number of assignment - 2

Marks : 20

3. Copy of famous art work

Size (2”x2”) paper on canvas

Medium – oil colour, acrylic, poster colour

Total no. of assignment - 1

Marks : 10

Table 2: CO – PO matrix for the course MAFA -208 – Pictorial Composition I (Painting)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MAFA - 208.1	2	1	-	1	1	-	-	-	2	-
MAFA - 208.2	3	2	-	2	-	2	-	-	2	-
MAFA - 208.3	2	2	2	2	1	2	1	-	-	-
MAFA - 208.4	1	2	2	1	1	3	2	1	2	-
Average	2	1.75	2	1.5	0.75	1.75	0.75	0.25	2	-

Table 3: CO – PO matrix for the course MAFA -208 Pictorial Composition I (Painting)

	PSO1	PSO2	PSO3	PSO4
MAFA - 208.1	2	3	3	3
MAFA - 208.2	3	3	3	1
MAFA - 208.3	3	2	3	3
MAFA - 208.4	3	1	2	3
Average	2.75	2.25	2.75	2.5

Sculpture (S), Semester: 2nd
(w.e.f. the academic session 2020-2021)

Examination: M.A 2nd Sem. (Elective)

Paper: MAFA -208 Clay Modeling-I (Sculpture)

Time: 6 Hrs.

Max. Marks: 50

Credit-2

Course Outcome-

Paper: MAFA -208 Clay Modeling-I (Sculpture)	
Cos#	Course Outcome
MAFA - 208.1	knowledge to manipulate, integrate and use material to build three dimensional sculpture.
MAFA - 208.2	Understand to research form, materials and techniques as need by the direction of their sculptural work.
MAFA - 208.3	Observation and understanding of Natural objects transforming in sculpture art
MAFA - 208.4	Enhance the belongingness towards mother earth.

Basic Studies in specialized mediums of Caly Modeling

Details of course study:

Practical

1. Introduction to sculpture-basic elements and their relationships-sculptural exercises
2. Knowledge about the clay(preparation of clay)
3. Study of medium like clay with animals, birds, human figure (parts of body) and other object.(round & relief)

Size:-12"x12" x18"

Medium: Clay

Total No. of Assignment – 05 (10 marks each)

Table 2: CO – PO matrix for the course MAFA -208 Clay Modeling-I (Sculpture)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MAFA - 208.1	2	1	-	1	1	-	-	-	2	-
MAFA - 208.2	1	2	-	2	-	2	-	-	2	-
MAFA - 208.3	2	2	1	2	2	2	1	1	2	-
MAFA - 208.4	1	2	1	1	1	3	2	1	2	-
Average	1.5	1.75	0.5	1.5	1	1.75	0.75	1	2	-

Table 3: CO – PSO matrix for the course MAFA -208 Clay Modeling-I (Sculpture)

	PSO1	PSO2	PSO3	PSO4
MAFA - 208.1	2	3	1	2
MAFA - 208.2	3	3	2	3
MAFA - 208.3	2	3	2	1
MAFA - 208.4	2	2	2	3
Average	2.25	2.75	1.75	2.25

Graphics- (Print Making) (G), Semester: 2nd

(w.e.f. the academic session 2020- 21)

Examination: M.A 2nd Sem. (Elective)

Paper: MAFA – 208

Relief Composition (Print Making)

Time: 6 Hrs.

Max. Marks: 50

Credit-2

MAFA -208 Relief Composition (Print Making)	
Cos#	Course Outcome
MAFA -208.1	Develop Artistic Ability with tools, materials and techniques inherent to basic printmaking processes.
MAFA -208.2	Knowledge of solving visual problems with equal emphasis on combining both concept and physical process of Relief printmaking.
MAFA -208.3	Understand and discuss the historical and contemporary role of relief printmaking in art, design & culture building.
MAFA -208.4	Enhances the knowledge of Indian print culture & tradition.

Course of Study:

Basic Studies in specialized mediums of Printmaking

1. Printmaking emphasis on composition and individual technique working in all the following mediums.
 - (a) Relief Process (**No. of Assignment: 02, 25 Marks each**)
 - i. Selection of Materials, preparation of surface for various textures.
 - ii. Preparing design and transferring on selected materials, cutting of material and preparing the printing surface.
 - iii. Printing of prepared block. Determine registration for printing of editions.
 - iv. Woodcut Black & White Print method and Colour Wood cut Print method.
 - v. Relief Printing on other Surfaces. **Size: 8"x 8"**,
 - vi.

Table 2: CO – PO matrix for the course MFA -208 – Relief Composition(Print Making)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MAFA -208.1	2	1	-	1	1	-	-	-	2	-
MAFA -208.2	1	2	-	2	1	2	-	-	2	-
MAFA -208.3	2	2	2	2	2	2	1	1	-	1
MAFA -208.4	1	2	2	1	1	3	2	1	2	1
Average	1.5	1.75	2	1.5	1.25	1.75	1.5	1	2	1

Table 3: CO – PO matrix for the course MFA -208- Relief Composition(Print Making)

	PSO1	PSO2	PSO3	PSO4
MAFA -208.1	2	3	3	3
MAFA -208.2	3	3	3	1
MAFA -208.3	2	2	3	3
MAFA -208.4	3	1	2	3
Average	2.5	2.25	2.75	2.5

Fundamental of Visual Arts-I (OPEN ELECTIVE)_w.e.f. 2020-21

Opted by Students from other Departments of Faculty of Indic Studies

Paper No. MAFA-209 Fundamental of Visual Art-I Time: 6 Hrs.

Max. Marks:- 50 (Internal Assessment 10, External Exam 40)

Credit: 2

Course Outcome

- MAFA-209.1** An understanding of basic principal of art & colour, concept, media and the ability to apply them to a specific aesthetic intent.
- MAFA-209.2** Knowledge of different element of Arts studies and continuing throughout the degree program towards the development of advance capabilities.
- MAFA-209.3** Understanding the basic fundamentals of arts with its merits.
- MAFA-209.4** Ability to understand artistic skill with social and moral values.

Details of course works:

- Practice of Element of Art (Line, Form, Color, Tone, Texture, Shape etc.)
- Basic Introduction of Art, Fine Art, Types of Art, Definition Of Art

Practical

1. Still Life- Object Drawing (Medium- Pencil, Pastel, Poster Colour)- **Total no. of Assignment-2**
2. Nature Drawing -Tree Study, Animal Study etc. (Medium- Pencil, Poster, Pestle)-
Total no. of Assignment-2
3. Design- 2D, 3D, Letter writing (Medium- Poster Colure)- **Total no. of Assignment-1**
4. Sketches – 20 (Object/ Figure/ Nature etc.)

CO-PO mapping matrix for the course MAFA-209 (Fundamental of Visual Art-I)

Cos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MAFA -209.1	2	3	1	2	1	3	-	1	3	-
MAFA-209.2	2	2	-	2	-	3	1	2	3	-
MAFA -209.3	1	2	1	-	-	2	-	1	3	-
MAFA-209.4	1	1	1	2	0	-	1	1	3	-
Average	1	2	0.75	1.5	0.25	2	0.5	1.25	3	-

CO-PSO mapping matrix for the course MAFA-209 (Fundamental of Visual Art-I)

PSO	PSO1	PSO2	PSO3	PSO4
MAFA -209.1	3	2	3	2
MAFA-209.2	2	3	3	1
MAFA -209.3	2	2	2	3
MAFA-209.4	3	3	3	3
Average	2.5	2.5	2.75	2.25

Department of Fine Arts
Kurukshetra University Kurukshetra
 ("A+" Grade, NAAC Accredited)
CHOICE BASED CREDIT SYESTEM (CBCS)
Detail Syllabus of Examinations M.A. (FINE ARTS) Drawing &Painting
(w.e.f. the academic session 2021-22)

Third Semester

Course Code	Course Nomenclature	Specialization	Nature of Course		Examination Marks		Total Marks	Credit	Duration of Exam (in Hours)
					Theory				
					Internal Asst.	Examination			
MAFA-301	History of Modern Indian Art	Drawing & Painting/ Applied Art	Theory	Core	20	80	100	04	03

Instructions:

- (i) No. of Questions to be set: 09 (02 Questions from each unit) and Question No. 01 is to be set from all over the Units i.e. short type Questions.
- (ii) No. of Questions to be attempted 05. Question No. 01 is compulsory
- (iii) All Questions will be of equal marks.

Course Objectives: Introduction to Modern Indian Art and study of Prominent Indian Artist

Course Outcomes:

After completion of course student will be able

MAFA.301.1 To identify the issues and challenges of modernism and nationalism in the Indian context.

MAFA.301.2 Effective knowledge of Visual arts, for carrier development

MAFA.301.3 Critical understanding of various modern art movements, art groups of India.

MAFA.301.4 To develop a keen insight into the contribution of movements and artists in shaping modern art in India.

Course of Study

Unit-I

Company School, Establishments of Art Schools in India- Madras, Calcutta, Bombay, Lucknow.

Raja Ravi Verma, Amrita Shergil, RabindraNath Tagore

Unit-II

Bengal School: Abanindra Nath Tagore, Nanda lal Bose, Binod Bihari Mukharjee,

Other Artists: Jamini Roy, Ram Kinkar Baij, Gaganendra Nath Tagore,

Unit-III

Progressive Artist Group: S.H.Raza, F.N.Souza, K.H.Ara, M.F.Hussain, Akbar Padamsee,

Delhi Shilpi Chakra. B.C.Sanyal, Krishan Khanna.

Neo-Tantricism: K.C.S. Panniker, BirenDey, G.R. Santhosh, P.T. Reddy.

Unit-IV

Abstract Trend: V.S. Gaitonde, Prabhakar Kolte.

Other important Artist Ram Kumar, Tyeb Mehta, Satish Gujral, A.Ramachandran,LaxmanPai, Manjit Bawa.

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

- | | | |
|---|---|-----|
| (i) Two handwritten Assignments | : | 10% |
| (1st Assignment after one month & 2nd after two months) | | |
| (ii) One Class Test (One period duration) | : | 5% |
| (iii) Attendance | : | 5% |

Marks for attendance will be given as under:-

- | | | | | |
|-----------------|---|---------|------------------|---------|
| (1) 91% onwards | : | 5 Marks | (4) 70% to 74% : | 2 Marks |
| (2) 81% to 90% | : | 4 Marks | (5) 65% to 69% : | 1 Marks |
| (3) 75% to 80% | : | 3 Marks | | |

Reading List

1. Studies in Modern Indian Art – Ratan Parimoo
2. Moving Focus – K.G. Subrahmanyam
3. Pictorial Space – Geeta Kapur
4. Modern Indian Art – Keshav Malik
5. Lalit Kala Contemporary
6. Lalit Kala Monographs
7. Contemporary Art in India : P.N. Mago
8. Contemporary Art – The Flamed Mosaic by Naviel Tuli
9. Contemporary Indian Art- Gaytri Sinha
10. Handbook of Indian Art- Sunil Khosa
11. Company Painting- Mildred Archer
12. Art of India- Fredrick M. Asher
13. Indian Painting for The British 1770-1880- Mildred Archer, W.G. Archer
14. Indian Miniatures in The India Office Library- Mildred Archer, Toby Falk
15. Contemporary Indian Art- Other realities- Yashodhara Dalmia
16. The Making of Modern Indian Art- The Progressives-Yashodhara Dalmia
17. Memory, Metaphor, Mutarions- Yashodhara Dalmia
18. Arts of India 1550-1900- John Guy, Deborah Swallow
19. A Portrait of the Hindus- Robert Hardgrave
20. Essays on contemporary practice in India- Geeta Kapoor
21. New Narratives- Betty Seid
22. Triumph of Modernism- Partha Mitter
23. Flamed Mosaic- Neville Tuli
24. Kala Chitrkala- Vinod Bhardwaj
25. Char Chitrkaar- Ashok Mitr

CO-PO mapping matrix for the course MAFA-301 (History of Modern Indian Art)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	3	3	1	3	2	2	1	1	3	1
CO2	3	3	1	3	2	2	1	1	3	1
CO3	3	3	1	3	2	2	1	1	3	1
CO4	3	3	1	3	2	2	1	1	3	1
Average	03	03	01	03	02	02	01	01	03	01

CO-PSO mapping matrix for the course MAFA-301 (History of Modern Indian Art)

	PSO1	PSO2	PSO3	PSO4
CO1	3	3	2	3
CO2	3	3	2	3
CO3	3	2	3	3
CO4	3	2	3	3
Average	03	2.5	2.5	03

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CHOICE BASED CREDIT SYESTEM (CBCS)
Detail Syllabus of Examinations M.A. (FINE ARTS) Drawing&Painting
 (w.e.f. the academic session 2021-22)

DETAILED SYLLABUS (Practical)

Course Code	Course Nomenclature	Specialization	Nature of Course		Examination Marks		Total Marks	Credit	Duration of Exam (in Hours)
					Practical				
					Internal Asst.	Examination			
MAFA-302	Life Study	Drawing & Painting	Practical	Core	100	200	300	12	18

Instructions

- The examiner will evaluate the work of examinee on the last day of the examination and if the examiner did not turn up on the last day, the art work will be kept in a sealed lock custody and as and when the examiner comes as his/her convenient date can evaluate the practical paper.
- Internal examiner will evaluate the Seasonal work

Course Objectives:

The course encourages the students to learn human anatomy and drawing. The course offers Opportunities to develop independent artistic thinking and aptitude for a rigorous studio practice.

Course Outcomes:

After completion of course student will be able

MAFA.302.1. To draw Human Body and its part Study like hands legs etc.

MAFA302.2. Develop personal style of drawing in different mediums.

MAFA.302.3 Ability to explore diversity of conceptual and aesthetic, approaches, styles and techniques.

MAFA.302.4. Ability to demonstrate a sustained artistic engagement with supportive elements

Course of Study:

Study of human figure from model and its varied application in composition.

Sessional Work

- No. of Assignments on Canvas : 04 (Life Study 30" x 40")
- Colour Sketches : 20
- Sketches : 250

Examination

Size: 30" x 40"

Medium: Oil, Acrylic, Colors, Mix Media etc. on Canvas.

Duration of Exam: 18 Hours

CO-PO mapping matrix for the course MAFA-302 (Life Study)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	3	2	1	1	2	2	1	2	3	1
CO2	3	2	1	2	2	2	1	2	3	1
CO3	3	3	1	2	2	1	1	2	3	1
CO4	3	2	1	1	2	2	1	2	3	1
Average	03	2.25	01	1.5	02	1.75	01	02	03	1

CO-PSO mapping matrix for the course MAFA-302 (Life Study)

	PSO1	PSO2	PSO3	PSO4
CO1	3	2	3	2
CO2	3	3	2	3
CO3	3	2	3	2
CO4	3	3	1	3
Average	03	2.5	2.25	2.5

Kurukshetra University Kurukshetra
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CHOICE BASED CREDIT SYSTEM (CBCS)
Detail Syllabus of Examinations M.A. (FINE ARTS) Applied Arts
 (w. e. f. the academic session 2021-22)

DETAILED SYLLABUS (Practical)

Course Code	Course Nomenclature	Specialization	Nature of Course		Examination Marks		Total Marks	Credit	Duration of Exam (in Hours)
					Practical				
					Internal Asst.	Examination			
MAFA-303	Computer Graphics & Photography	Applied Arts	Practical	Core	100	200	300	12	18

Instructions:

- (i) The examiner will evaluate the work of examinee in last of the semester.
 - (ii) Internal examiner will evaluate the Sessional work/ Internal Assessment.
- Computer Graphics:** Minimum Size- 8"x12", **Photography:** Minimum Size 8" x 12"

COURSE OUTCOME - after the completion of this course the students will get-

MAFA-303.1 Ability to develop artistic knowledge and skill with the help of various digital resources.

MAFA-303.2 Ability to utilize technical expertise and expand their conceptual ideas through virtual mediums.

MAFA-303.3 Ability to explore art photography as creative medium.

MAFA-303.4 Ability to intensive investigation of contemporary critical social issues through commercial art.

Course of Study

- Computer Graphics:** Advanced knowledge of Computer Applications and Knowledge of various software mainly Corel Draw , Adobe Page-Maker, Adobe Photoshop, Microsoft Power-Point etc. Application of computer graphics in advertising, computer photo retouching.
Total Assignments for Sessional work: One campaign per semester (12 Assignments minimum)
- Photography:** Advanced knowledge of photography and its various equipments and materials – application of photography in advertising, industrial & creative.
Total Assignments for Sessional work: 6 Assignments -Per category i) street Photography, ii) Product Photography, iii) Travel Photography
- Small Documentary /Commercial Movie- 1**

CO-PO mapping matrix for the course MAFA-303 (Computer Graphics & Photography)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	2	2	1	2	1	3	1	2	3	0
CO2	2	2	1	2	1	2	1	1	3	0

CO3	2	1	1	2	1	3	1	1	3	0
CO4	2	2	1	3	1	1	1	2	3	0
Average	2	1.75	01	1.75	01	2.25	01	1.5	03	0

CO-PSO mapping matrix for the course MAFA-303 (Computer Graphics & Photography)

	PSO1	PSO2	PSO3	PSO4
CO1	2	3	3	2
CO2	2	3	3	2
CO3	3	3	3	3
CO4	2	3	2	3
Average	2.25	03	2.75	2.5

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CHOICE BASED CREDIT SYESTEM (CBCS)
Detail Syllabus of Examinations M.A. (FINE ARTS) Drawing&Painting
 (w.e.f. the academic session 2021-22)

DETAILED SYLLABUS (Practical)

Course Code	Course Nomenclature	Specialization	Nature of Course		Examination Marks		Total Marks	Credit	Duration of Exam (in Hours)
					Practical				
					Internal Asst.	Examination			
MAFA-304	Creative Composition	Drawing & Painting	Practical	Core	100	200	300	12	18

Course Objectives:

The course encourages students to develop a critical and artistic temperament. The course offers opportunities to develop independent artistic thinking and aptitude for a rigorous studio practice

Course Outcomes:

MAFA.304.1 Ability to display critical awareness of art history and contemporary visual art practices and their interrelationship

MAFA.304.2 Develop personal approach to visualization, conceptualization and art making.

MAFA.304.3 Ability to explore diversity of conceptual and aesthetic approaches, styles and techniques.

MAFA.304.4 Ability to demonstrate a sustained artistic engagement with socio-political realities and intensive investigation of contemporary critical issues

Instructions:

- (i) The topics/subjects to be painted will be of multiple choices.
- (ii) The topics/subjects will be sent by the examiner to the Conduct Branch ten days prior to the commencement of examinations.
- (iii) The examiner will evaluate the work of examinee on the last day of the examination and if the examiner did not turn up on the last day, the art work will be kept in a sealed lock custody and as and when the examiner comes as his/her convenient date can evaluate the practical paper.
- (iv) Internal examiner will evaluate the Sessional work.

Course of Study

Advancement of previous experience towards a complete pictorial interpretation, theme and expression of mood, symbolism, dramatization, distortion for emotional effect including abstract expressionism, projects with emphasis on independent creative work.

a) Advanced Drawing

- Exploration of an individual approach to drawing as an aesthetic exercise of visual sign and symbol and locate your practice in the broader context of contemporary art
- Exercise of different drawing techniques of traditional and contemporary masters
Exercise on application of different mediums both traditional and contemporary as a drawing tool
- Medium: pencil, charcoal, pastel, pen and ink, water color Acrylic and oil, photocopy, impression, stencil, etc.

b) Composition

- Identify and synthesis the connection between process and concept in reference to collage/collision
- Exercise with different methods and traditions of representation of space, form and color in reference to history and visual culture
- Medium: Develop, test and employ materials, process and mediums in a way that activates your ideas and concepts
- Creative paintings in different media.

Seasonal Work

- No. of Assignments on Canvas :04
- Colour Sketches :20
- Sketches :250

CO-PO mapping matrix for the course MAFA-304 (Creative Composition)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	3	2	2	1	2	3	2	1	3	1
CO2	3	2	2	2	2	3	2	1	3	1
CO3	3	2	2	1	2	3	1	1	3	1
CO4	3	2	2	1	2	3	1	1	3	1
Average	03	02	02	01	02	03	1.5	01	03	01

CO-PSO mapping matrix for the course MAFA-304 (Creative Composition)

	PSO1	PSO2	PSO3	PSO4
CO1	3	2	2	3
CO2	3	3	2	3

CO3	2	2	3	3
CO4	1	3	2	3
Average	2.25	2.5	2.25	03

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(w.e.f. the academic session 2021-22)

DETAILED SYLLABUS (Practical)

Course Code	Course Nomenclature	Specialization	Nature of Course		Examination Marks		Total Marks	Credit	Duration of Exam (in Hours)
					Practical				
					Internal Asst.	Examination			
MAFA-305	Visualization	Applied Arts	Practical	Core	100	200	300	12	18

Instructions:

- 1) Internal examiner will evaluate the Sessional work Internal Assessment.
- 2) Tracing of illustration/Photography is not allowed in any assignment however slogan writing is allowed with tracing or screen printing.

COURSE OUTCOME - after the completion of this course the students will get-

MAFA-305.1 Ability to produce impactful works that aims to respond to cultural, social, political and environmental issues.

MAFA-305.2 Technical and analytical study of various tools, methods and processes.

MAFA-305.3 Ability to utilize the art practices encouraging the evolution of independent artworks.

MAFA-305.4 Ability to utilize the visual message as a tool of social, moral and scientific awareness.

Course of Study

Advertising campaign in different media, mainly the product campaign social campaign. Analytical study of different product groups. Visuals to be based on the class of commodity and class of appeal.

1.POSTER:

Size 20" x 30"

Medium: poster color/ pencil color/ crayon/pastel etc.

Sessional Work

1) Social Campaign -12 Assignment

Posters – 4

Layout – 1 Press + 2 Magazine= 3

Illustration – 2

Hoarding or Banner -1

Letter-Head, visiting card, Envelope – 1 each

CO-PO mapping matrix for the course MAFA-305 (Visualization)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	2	3	2	2	1	1	1	1	3	1
CO2	2	2	2	1	1	2	1	1	3	0
CO3	2	2	1	1	1	2	1	1	3	0
CO4	2	2	1	3	1	3	1	2	3	1
Average	02	2.25	1.5	1.75	01	02	01	1.25	03	0.5

CO-PSO mapping matrix for the course MAFA-305 (Visualization)

	PSO1	PSO2	PSO3	PSO4
CO1	2	3	3	2
CO2	3	3	3	3
CO3	2	3	3	2
CO4	2	2	3	3
Average	2.5	2.75	03	2.2

Applied Arts - Semester: 3rd
(w.e.f. the academic session 2021-22)

Examination: M.A 3rd Sem. (Elective)**Paper: MAFA -306 Graphic Design-II****Time: 6 Hrs.****Max. Marks: 50****Credit-2**

Paper: MAFA -306 Graphic Design-II (Applied Art)	
Cos#	Course Outcome
MAFA -306.1	To understand and develop the basics skill for designing of outdoor media and indoor media..
MAFA -306.2	To develop graphic design concepts based work with creative approaches and techniques..
MAFA -306.3	To Understand type of graphic design work required for specified purpose.
MAFA -306.4	Enhances scientific temperament by application of Design s.

Details of course work:**Practical (Medium: Computer)**

- | | |
|--|----------|
| 1. Poster (Total no. of assignment-2) | 20 Marks |
| 2. Hoarding/ Banner. -(Total no. of assignment-1) | 10 Marks |
| 3. Catalogue/ Folder & Invitation etc. (Total no. of assignment-2) | 20 Marks |

4. Table 2: CO – PO matrix for the course MAFA -306 Graphic Design-II (Applied Art)

Cos#	PO1	PO2	PO3	PO4	PO	PO	PO	PO8	PO9	PO1
MAFA -306.1	2	3	-	1	-	2	-	-	3	-
MAFA -306.2	2	3	-	-	1	2	-	-	3	-
MAFA -306.3	2	1	2	1	-	2	1	1	2	1
MAFA -306.4	2	2	-	2	-	2	1	-	2	-
Average	1	2.25	2	1	1	2	0.5	0.25	2.5	0.25

5.

6. Table 3: CO – PSO matrix for the course MAFA -306 Graphic Design-II (Applied Art)

	PSO1	PSO2	PSO3	PSO4
MAFA -306.1	2	3	1	2
MAFA -306.2	2	3	2	2
MAFA -306.3	2	3	2	3
MAFA -306.4	2	2	2	3
Average	2	2.75	1.75	2.5

7.

Painting Semester: 3rd (w.e.f. the academic session 2021-22)

Examination: M.A 3rd Sem. (Elective)

Paper: MAFA -306 Composition-II

Time: 6 Hrs.

Max. Marks: 50

Credit-2

Paper: MAFA -306 Composition-II (Painting)	
Cos#	Course Outcome
MAFA -306.1	Enhances the creative process through studio exercise and assignments.
MAFA -306.2	Understand to control visual and physical control of medium used in the application of colour, Texture & tones, concepts
MAFA -306.3	knowledge to develop drawing and painting Skills for creative composition in art.
MAFA -306.4	Inculcates Emotional attachment towards nature & society.

Basic Studies in specialized mediums of Composition-II Syllabus of Elective

1. Study of portraiture and composition based on portrait, object, figure, interior and landscape

Medium – Poster colour, acrylic and oil

Size- 2’x2” (Paper and Canvas)

Total No. of assignment – 3

Marks: 30

2. Study of developing own style in Composition

Medium – Any medium

Only canvas

Total no. of assignment- 2

Marks: 20

Table 2: CO – PO matrix for the course MAFA-306 Composition-II (Painting)

Cos#	PO1	PO2	PO3	PO4	PO	PO	PO	PO8	PO9	PO1
MAFA -306.1	2	3	-	1	-	2	-	-	3	-
MAFA -306.2	2	3	-	-	1	2	-	-	3	-
MAFA -306.3	1	1	2	1	-	2	1	2	2	1
MAFA -306.4	2	2	-	2	1	2	-	-	2	-
Average	1.75	2.25	0.5	1	0.5	2	1	0.5	2.5	0.25

Table 3: CO – PSO matrix for the course MAFA -306 Composition-II (Painting)

	PSO1	PSO2	PSO3	PSO4
MAFA -306.1	2	3	1	2
MAFA -306.2	2	3	2	2
MAFA -306.3	2	3	2	3
MAFA -306.4	2	2	2	3
Average	2	2.75	1.75	2.5

Sculpture (S), Semester: 3rd
(w.e.f. the academic session 2021-22)

Examination: M.A 3rd Sem. (Elective)

Paper: MAFA -306 Clay Modeling-II (Sculpture)

Time: 6 Hrs.

Max. Marks: 50

Credit-2

Course Outcome-

Paper: MAFA -306 Clay Modeling-II (Sculpture)	
Cos#	Course Outcome
MAFA -306.1	Develop Clay Modeling skills with different medium and handling the techniques
MAFA -306.2	Understand to research form, materials and techniques as need by the direction of their sculptural work.
MAFA -306.3	Inculcation of visual communication by using Clay Modeling
MAFA -306.4	Imparting knowledge of using natural and metal materials for execution of mural works.

Basic Studies in specialized mediums of Clay Modeling-II

Details of course study:

Practical

1. Knowledge about technique and using clay modeling tools for portrait & composition (round & relief)
2. Knowledge about pottery in clay.
3. Fabrication finishing , colouring and polishing
4. Size 12"x12"x18
5. Medium : Clay

6. Total No. of Assignment – 05 (10 marks each)

Table 2: CO – PO matrix for the course MAFA -306 Clay Modeling-II (Sculpture)

Cos#	PO1	PO2	PO3	PO4	PO	PO	PO	PO8	PO9	PO1
MAFA -306.1	2	3	1	1	-	2	-	-	3	-
MAFA -306.2	2	3	1	-	1	2	-	-	3	-
MAFA -306.3	2	1	-	1	-	2	1	-	1	-
MAFA -306.4	2	2	-	2	-	2	-	-	2	-
MAFA -306.1	2	2.25	0.5	1	1	2	1	-	2.25	-

Table 3: CO – PSO matrix for the course MAFA -306 Clay Modeling-II (Sculpture)

	PSO1	PSO2	PSO3	PSO4
MAFA -306.1	2	3	1	2
MAFA -306.2	2	3	2	2
MAFA -306.3	3	3	2	1
MAFA -306.4	2	2	2	3
Average	2.25	2.75	1.75	2

Graphics- (Print Making) (G), Semester: 3rd (w.e.f. the academic session 2020-22)

Examination: M.A 3rd Sem. (Elective)

Paper: MAFA -306 Intaglio Composition-II (Print Making)

Time: 6 Hrs.

Max. Marks: 50

Credit-2

Paper: MAFA -306 Intaglio Composition (Print Making)	
Cos#	Course Outcome
MAFA -306.1	Develop creative ways to solve problems using a variety of strategies for making prints by intaglio processes.
MAFA -306.2	Enhancing to Create personal hand-printed artwork, which demonstrate an introductory level of understanding printmaking ideas, and the processes, materials, and techniques associated with different method.
MAFA -306.3	Establish self-critiquing skills to develop autonomous expression through printmaking.
MAFA -306.4	Scientific and logical knowledge of reproduction of art works.

Basic Studies in specialized mediums of Printmaking

1. Intaglio Printmaking process emphasis on composition and individual technique working in the following medium.
 - i. Intaglio Process (Etching, Dry point & Aquatint), Selection of materials preparations and application of dry and liquid grounds. Study of various chemicals and mordents.
 - ii. Preparation of composition on plate with various experiments for textural and tonal values. Different techniques like Dry Point, Etching & Aquatint.
 - iii. Different Printing techniques, with the help of Rollers, Stencils and Inks.

- iv. Art Work Size: 8” x 8”
- v. (No. of Assignment: 02, 25 Marks each)
- vi. Table 2: CO – PO matrix for the course MAFA -306 Intaglio Composition (Print Making)

Cos#	PO1	PO2	PO3	PO4	PO	PO	PO	PO8	PO9	PO1
MAFA -306.1	2	3	-	1	-	2	-	-	3	-
MAFA -306.2	2	3	-	-	1	2	-	-	3	-
MAFA -306.3	1	1	2	1	-	2	1	-	2	1
MAFA -306.4	2	2	-	2	-	2	-	-	2	-
Average	1.75	2.25	2	1.34	1	2	1	-	2.5	1

vii.

- viii. Table 3: CO – PSO matrix for the course MAFA -306 Intaglio Composition (Print Making)

	PSO1	PSO2	PSO3	PSO4
MAFA -306.1	2	3	1	2
MAFA -306.2	2	3	2	2
MAFA -306.3	2	3	2	1
MAFA -306.4	2	2	2	3
Average	2	2.75	1.75	2

ix.

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Examination: M.A 3rd Sem. (Open Elective)
Semester- 3rd Paper No. MAFA-307

Examination:- Fundamental of Visual Art-II Max. Marks: - 50 (40+10 –Internal Assessment) Credit: 2 Time: 06 Hours

Instructions:

- 1) Themes/Subject matters/topics will be of multiple choices.
- 2) Board of internal Examiner (Chairman, Internal and nominee of chairman) will evaluate the Sessional work.

Course Outcome –

- MAFA-307.1** Practicing and creating art with different painting medium and developing artistic skill.
- MAFA-307.2** Functional knowledge of tradition, conventions, and evolution of the discipline as related to issue of representation and illusion.
- MAF-307.3** Ability to synthesize the use of drawing, two dimensional compositions and colour.
- MAFA-307.4** Enhances the emotional intelligence.

Details of course works:

- Study of Colors, Medium of Color, pen and ink, water Colour, Oil Colour and Acrylic colour
- Knowledge of Principal of Arts (Balance, Unity, Harmony, Contrast, Dominance etc.

(2 Assignments)

Practical

1. Copy from master Art -Indian and Western painter (Medium-Water Color, Poster Color)-
Total no. of Assignment-2.
2. Landscape Painting Outdoor And Indoor, Nature Study (Poster Colour, Water Colour, Pencil Colour,Oil Colour, Acrylic Colour)- **Total no. of Assignment-3.**
3. **Sketches: - 20** (Object/ Figure/ Nature etc.)

CO-PO mapping matrix for the course MAFA-307 (Fundamental of Visual Art-II)

Cos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MAFA -307.1	2	3	1	2	1	3	-	1	3	-
MAFA-307.2	2	2	-	2	-	3	1	2	3	-
MAFA -307.3	1	1	1	-	-	2	-	1	1	-
MAFA-307.4	1	1	1	1	2	-	1	1	3	-
Average	1	1.75	0.75	1.25	0.75	2	0.5	1.25	2.5	-

CO-PSO mapping matrix for the course MFA-307 (Fundamental of Visual Art-II)

PSO	PSO1	PSO2	PSO3	PSO4
MAFA-307.1	3	2	3	2
MAFA-307.2	3	3	3	2
MAFA-307.3	2	3	2	3
MAFA-307.4	3	3	3	3
Average	2.75	2.75	2.75	2.5

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CHOICE BASED CREDIT SYESTEM (CBCS)

Detail Syllabus of Examinations M.A. (FINE ARTS)Drawing&Painting
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Fourth semester

Course Code	Course Nomenclature	Specialization	Nature of Course	Examination Marks		Total Marks	Credit	Duration of Exam (in Hours)
				Theory				
				Internal Asst.	Examination			

MAFA-401	History of Modern Indian Art	Drawing & Painting/ Applied Art	Theory	Core	20	80	100	04	03
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Instructions:

- (i) No. of Questions to be set: 09 (02 Questions from each unit) and Question No. 01 is to be set from all over the Units i.e. short type Questions.
- (ii) No. of Questions to be attempted: 05. Question No. 01 is compulsory
- (iii) All Questions will be of equal marks.

Course Objectives: To Study and Understand the contribution of Indian artist to Modern Art, and study of Modern Art movements, Artist Groups of Post-Independence

Course Learning Outcomes:

After completion of course student will be able;

MAFA.401.1 To develop a keen insight into the contribution of movements and artists in shaping modern art in India.

MAFA.401.2 Introduction to postmodern art and theories. Analytical study of some of the prominent artists of post- independence.

MAFA.401.3 Identify and analyze the discourse of postmodernism and its relevance to visual art practice.

MAFA.401.4 Critical understanding of the work of some of the seminal Post-70s artists of India. Develop a critical understanding of the transitions from modernism to postmodernism and Contemporary art trends and enhancement in the knowledge of Folk Art , Tribal Art and Indian Culture.

Course of Study

Unit-I

Baroda Narratives: N.S. Bendre, Jyoti Bhatt, Ghulam Mohammad Sheikh, K.G. Subramanyan, Bhupen Khakkar. Group1890: J.Swaminathan, Jeram Patel

Unit-II

Bengal Famine: Chittaprosad, Somnath Hore
Calcutta Group: Paritosh Sen, Bikash Bhattacharya, Ganesh Pyne, Jogen Choudhary

Unit-III

Women Artist: Nalini Malani, Anjoli Ela Menon, Arpana Kaur, Gogi Saroj Paul, Meera Mukharjee, Nilima Shaikh
Printmakers: Laxma Gaud, Krishna Reddy, Anupam Sood, Jagmohan Chopra.

Unit-IV

Academic Sculptors: D.P. Roy Choudhary, Shanko Choudhary, Dhanraj Bhagat, Nagji Patel, S. Nanda Gopal, Ram V. Sutaar, Dhruv Mistri, Subodh Gupta.

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

- (i) Two handwritten Assignments : 10%
(1st Assignment after one month & 2nd after two months)
- (ii) One Class Test (One period duration) : 5%
- (iii) Attendance : 5%

Marks for attendance will be given as under:-

- (1) 91% onwards : 5 Marks
- (2) 81% to 90% : 4 Marks
- (3) 75% to 80% : 3 Marks
- (4) 70% to 74% : 2 Marks
- (5) 65% to 69% : 1 Marks

Reading List

1. Studies in Modern Indian Art – Ratan Parimoo

2. Moving Focus – K.G. Subrahmanyam
3. Pictorial Space – Geeta Kapoor
4. Modern Indian Art – Keshav Malik
5. Lalit Kala Contemporary
6. Lalit Kala Monographs
7. Contemporary Art in India : P.N. Mago
8. Contemporary Art – The Flamed Mosaic by Naviel Tuli
9. Contemporary Indian Art- Gaytri Sinha
10. Handbook of Indian Art- Sunil Khosa
11. Company Painting- Mildred Archer
12. Art of India- Fredrick M. Asher
13. Indian Painting for The British 1770-1880- Mildred Archer, W.G. Archer
14. Indian Miniatures in The India Office Library- Mildred Archer, Toby Falk
15. Contemporary Indian Art- Other realities- Yashodhara Dalmia
16. The Making of Modern Indian Art- The Progressives-Yashodhara Dalmia
17. Memory, Metaphor, Mutations- Yashodhara Dalmia
18. Arts of India 1550-1900- John Guy, Deborah Swallow
19. A Portrait of the Hindus- Robert Hardgrave
20. Essays on contemporary practice in India- Geeta Kapoor
21. New Narratives- Betty Seid
22. Triumph of Modernism- Partha Mitter
23. Flamed Mosaic- Neville Tuli
24. Kala Chitrkala- Vinod Bhardwaj
25. Char Chitrkaar- Ashok Mitr
26. Samkalin Kala- Dr. Ramviranjan
27. ChitrkalakaRasawadan- Ramchandr Shukl
28. Lalit Kala Ki Dhara- Asit Kumar Halder
29. BhartiyaChitrkala- VachaspatiGarola
30. BrihadAdhunik Kala Kosh- Vinod Bhardwaj

CO-PO mapping matrix for the course MAFA-401 (History of Modern Indian Art)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	3	3	2	3	2	2	1	2	3	2
CO2	3	3	2	3	2	2	2	2	3	1
CO3	3	3	1	3	2	2	1	1	3	2
CO4	3	3	1	3	2	2	2	1	3	1
Average	03	03	01	03	02	02	01	01	03	01

CO-PSO mapping matrix for the course MAFA-401 (History of Modern Indian Art)

	PSO1	PSO2	PSO3	PSO4
CO1	3	3	2	3
CO2	3	3	2	3
CO3	3	2	3	3
CO4	3	2	3	3
Average	03	2.5	2.5	03

CHOICE BASED CREDIT SYESTEM (CBCS) Scheme of Examinations M.A. (FINE ARTS) Drawing & Painting (w.e.f. the academic session 2021-22)

Course Code	Course	Specialization	Nature of Course	Examination Marks	Total	Credit	Duration
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	Nomenclature			Theory		Marks		of Exam (in Hours)
				Internal Asst.	Examination			
MAFA-402	Dissertation	Drawing & Painting/ Applied Art	Core	-	-	100	04	-

Instructions

Synopsis presentation & approval of subject – August.

Presentation & Seminar - January.

Final submission – 31st March.

The evaluation of Dissertation and Viva-voce will be conducted by External & Internal Examiner.

Course Outcomes:

MAFA.402.1 Ability to develop a research aptitude and engage with monuments of historical significance, archeological sites or any other space or site of cultural importance.

MAFA.402.2 Research ability to engage critically with social issues and develop a project.

MAFA.402.3 Ability to develop research methodology and writing skills to review an Archeological site, Monument or Museums.

Course of Study

- A critical and analytical aspect of Painting, Applied Arts, Sculpture, Graphics (Print Making) etc.
- A critical and analytical aspect of History of Art and Indian Art & Culture,
- Folk, Tribal Art and Popular form of Art.
- Concept of Aesthetics, Philosophy and Indian Mythology in context of art.
- Artist (Traditional, Modern and Contemporary)
- New trends in Contemporary Art.
- Any other new relevant topic including experimentation etc.

CO-PO mapping matrix for the course MAFA-402 (Dissertation)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	3	3	3	2	2	3	3	3	3	2
CO2	3	3	3	2	2	3	3	3	3	2
CO3	3	3	3	2	2	3	3	3	3	2
CO4	3	3	3	2	2	3	3	3	3	2
Average	03	03	03	02	02	03	03	03	03	02

CO-PSO mapping matrix for the course MAFA-402 (Dissertation)

	PSO1	PSO2	PSO3	PSO4
CO1	3	3	3	3
CO2	3	2	3	3
CO3	3	2	3	3
CO4	3	2	3	3
Average	03	2.25	03	03

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DETAILED SYLLABUS (Practical)

Course Code	Course Nomenclature	Specialization	Nature of Course		Examination Marks		Total Marks	Credit	Duration of Exam (in Hours)
					Practical				
					Internal Asst.	Examination			
MAFA-403	Life Study	Drawing & Painting	Practical	Core	100	200	300	12	18

Instructions:

The examiner will evaluate the work of examinee on the last day of the examination and if the examiner did not turn up on the last day, the art work will be kept in a sealed lock custody and as and when the examiner comes as his/her convenient date can evaluate the practical paper.

Internal examiner will evaluate the Seasonal work.

Course Objectives:

The course encourages the students to learn human anatomy and drawing. The course offers opportunities to develop independent artistic thinking and aptitude for a rigorous studio practice.

Course Outcomes:

After completion of course student will be able

MAFA.403.1. To draw Human Body and its part Study like hands legs etc.

MAFA.403.2. Develop personal style of drawing in different mediums.

MAFA.403.3. Ability to explore diversity of conceptual and aesthetic approaches, styles and techniques.

MAFA.403.4 Ability to demonstrate a sustained artistic engagement with supportive elements

Course of Study

Study of human figure from model and its varied application in composition.

Sessional Work

- No. of Assignments :04 finished Canvas (Size 30" x 40")
- Colour Sketches :20
- Sketches :250

CO-PO mapping matrix for the course MAFA-403 (Life Study)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	3	2	2	1	2	2	2	2	3	1
CO2	3	2	1	2	2	2	2	2	3	1
CO3	3	3	2	2	2	1	1	2	3	1
CO4	3	2	1	1	2	2	1	2	3	1
Average	03	2.25	2.25	2.25	02	1.75	02	02	03	1

CO-PSO mapping matrix for the course MAFA-403 (Life Study)

	PSO1	PSO2	PSO3	PSO4
CO1	3	2	3	2
CO2	3	3	2	3
CO3	3	2	3	2
CO4	3	3	1	3
Average	03	2.5	2.25	2.5

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DETAILED SYLLABUS (Practical)

Course Code	Course Nomenclature	Specialization	Nature of Course		Examination Marks		Total Marks	Credit	Duration of Exam (in Hours)
					Practical				
					Internal Asst.	Examination			
MAFA-404	Computer Graphics & Photography	Applied Arts	Practical	Core	100	200	300	12	18

Instructions:

- (i) The Topics/Themes/Subject matters will be of multiple choices.
- (ii) The examiner will evaluate the work of examinee on the last day of the examination and if the examiner did not turn up on the last day, the art work will be kept in a sealed lock custody and as and when the examiner comes as his/her convenient date can evaluate the practical paper.
- (iii) The batches of students may have formed according to the availability of Studio/darkroom computer in the department and each batch will be allowed total 18 hours.
- (iv) Internal examiner will evaluate the Sessional work.
- (v) The student will have to submit one assignment for computer graphics and one for photography.
- (vi) Photographs used in Computer Graphic assignment should be captured only by the candidate.

Computer Graphics: Minimum Size- 8"x12", **Photography:** Minimum Size 8" x 12"

COURSE OUTCOME: - after the completion of this course the students will get-

MAFA 404.1 Ability to develop artistic knowledge and skill with the help of various digital resources.

MAFA 404.2 Ability to utilize technical expertise and expand their conceptual ideas through virtual mediums.

MAFA 404.3 Ability to explore art photography as creative medium.

MAFA 404.4 Ability to intensive investigation of contemporary critical social issues through commercial art.

Course of Study

1. **Computer Graphics:** Advanced knowledge of Computer Applications and Knowledge of various software mainly Corel Draw, Adobe Page-Maker, Adobe Photoshop, Microsoft Power-Point etc. Application of computer graphics in advertising, computer photo retouching.
Total Assignments for Sessional work: (i) One campaign per semester (12 Assignments minimum)
2. **Photography:** Advanced knowledge of photography and its various equipment's and materials – application of photography in advertising, industrial & creative.
Total Assignments for Sessional work: 6 Assignments -Per category) Architecture Photography (ii) Digital manipulation (iii) Still life etc.

CO-PO mapping matrix for the course MAFA-404 (Computer Graphics & Photography)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	2	2	1	2	1	3	2	2	3	1
CO2	2	2	1	2	2	2	1	1	3	1
CO3	2	1	1	2	2	3	1	1	3	1
CO4	2	2	2	3	1	1	2	2	3	1
Average	02	1.75	1.25	2.25	1.5	2.25	1.5	1.5	03	01

CO-PSO mapping matrix for the course MAFA-404 (Computer Graphics & Photography)

	PSO1	PSO2	PSO3	PSO4
CO1	2	3	3	2
CO2	2	3	3	3
CO3	3	3	3	3
CO4	2	3	2	2
Average	2.25	03	2.75	2.5

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CHOICE BASED CREDIT SYESTEM (CBCS)

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DETAILED SYLLABUS (Practical)

Course Code	Course Nomenclature	Specialization	Nature of Course	Examination Marks		Total Marks	Credit	Duration of Exam (in Hours)
				Practical				
				Internal Asst.	Examination			

MAFA-405	Creative Composition	Drawing & Painting	Practical	Core	100	200	300	12	18
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Instructions:

1. The topic will be of multiple choice.
2. The examiner will evaluate the work of examinee on the last day of the examination and if the examiner did not turn up on the last day, the art work will be kept in a sealed lock custody and as and when the examiner comes at his/her convenient date can evaluate the practical paper.
3. Internal examiner will evaluate the Sessional work.

Course Objectives:

1. Experimentation. Rigorous studio practice based on preparatory studies.
2. The course encourages students to develop creative ways to solve aesthetic and structural problems in developing an individual expression.
3. Develop critical and imaginative thinking to engage with socio-political and environmental concerns.

Course Outcomes:

MAFA.405.1 Ability to display critical awareness of art history and contemporary visual art practices and their interrelationship

MAFA.405.2. Develop personal approach to visualization, conceptualization and art creation.

MAFA.405.3 Ability to explore diversity of conceptual and aesthetic approaches, styles and techniques.

MAFA.405.4 Ability to demonstrate a sustained artistic engagement with socio-political realities and intensive investigation of contemporary critical issues

Course of Study

Advancement of previous experience towards a complete pictorial interpretation, theme and expression of mood, symbolism, dramatization, distortion for emotional effect including abstract expressionism, projects with emphasis on independent creative work.

a) Advanced Drawing

- Exploration of an individual approach to drawing as an aesthetic exercise of visual sign and symbol and locate your practice in the broader context of contemporary art
- Exercise of different drawing techniques of traditional and contemporary masters
Exercise on application of different mediums both traditional and contemporary as a drawing tool
- Medium: pencil, charcoal, pastel, pen and ink, water colour Acrylic and oil, photocopy, impression, stencil, etc.

b) Composition

- Identify and synthesis the connection between process and concept in reference to collage/collision
- Exercise with different methods and traditions of representation of space, form and colour in reference to history and visual culture
- Medium: Develop, test and employ materials, process and mediums in a way that activates your ideas and concepts
- Creative paintings in different media.

Sessional Work

- No. of Assignments on Canvas :4
- No. of Assignments of Installation: 01, Minimum Size: 4' x 4' x 4' Installation

- No. of Assignments of Multi Media: 01
- Colour Sketches :20
- Sketches :250
- Solo Exhibition : One

CO-PO mapping matrix for the course MAFA-405 (Creative Composition)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	3	2	2	1	2	3	2	1	3	1
CO2	3	2	2	2	2	3	2	1	3	1
CO3	3	2	2	1	2	3	1	1	3	1
CO4	3	2	2	2	2	3	1	1	3	1
Average	03	02	02	01	02	03	1.5	01	03	01

CO-PSO mapping matrix for the course MAFA-405 (Creative Composition)

	PSO1	PSO2	PSO3	PSO4
CO1	3	2	2	3
CO2	3	3	2	3
CO3	2	2	3	3
CO4	2	3	2	3
Average	2.5	2.5	2.25	03

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DETAILED SYLLABUS (Practical)

Course Code	Course Nomenclature	Specialization	Nature of Course		Examination Marks		Total Marks	Credit	Duration of Exam (in Hours)
					Practical				
					Internal Asst.	Examination			
MAFA-406	VISULIZATION	Applied Art	Practical	Core	100	200	300	12	18

Instructions:

- 1) Themes/Subject matters/topics will be of multiple choices.
- 2) The examiner will evaluate the work of examinee on the last day of the examination and if the examiner did not turn up on the last day, the art work will be kept in a sealed lock custody and as and when the examiner comes as his/her convenient date can evaluate the practical paper.
- 3) Internal examiner will evaluate the Sessional work.

- 4) Tracing of illustration/Photography is not allowed in any assignment however slogan writing is allowed with tracing or screen printing.
- 5) First three hours is strictly for visualization and planning of campaign Any kind of reference is not allowed during this period.

COURSE OUTCOME - after the completion of this course the students will get-

MAFA 406.1 Ability to develop skill based Knowledge and new creative ideas for problem solving.

MAFA 406.2 Ability to develop social moral and cultural values to utilize the art.

MAFA 406.3 Ability to develop personal approach to visualization, conceptualization and art making.

MAFA 406.4 Ability to enhance the understanding about the art and advertising business

Course of Study

Advertising campaign in different media, mainly the product campaign social campaign. Analytical study of different product groups. Visuals to be based on the class of commodity and class of appeal.

Note: - The Students will have to prepare Two Assignments related to particular theme/topic (a product or a social or institutional theme.)

1.POSTER:

Size 20" x 30" Medium: Any Media

2. Assignment as given by the examiner.

Sessional Work

1.Product Campaign -13 Assignments

Logo -1

Posters -3

Hoarding or Banner -1

Layout – 1 Press Layout + 2 Magazine Layout - 3

Packaging Design – 1

Dangler, Show Cards, Folder/Catalogue etc. -Any -2

Pamphlet – 1

Table/wall Calendar -1

Letter-Head, visiting card, Envelope – 1 each

CO-PO mapping matrix for the course MAFA-406 (Visualization)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	2	2	2	1	1	2	1	1	3	1
CO2	2	3	2	3	1	1	3	2	3	0
CO3	2	2	1	1	1	2	1	2	3	1
CO4	1	2	1	2	1	1	1	1	3	0
Average	1.75	2.25	1.5	1.75	01	1.5	1.5	1.5	03	0.5

CO-PSO mapping matrix for the course MAFA-406 (Visualization)

	PSO1	PSO2	PSO3	PSO4
CO1	2	3	3	2
CO2	2	3	2	2
CO3	2	3	3	3
CO4	2	3	2	3
Average	02	03	2.5	2.5

Table 4 : CO-PO-PSO mapping matrix for all the course of M.A – (FINE ARTS) Drawing & Painting/Applied Art)

Course Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO1 0	PSO 1	PSO 2	PSO 3	PSO 4
MAFA-101	03	02	02	02	0	0	01	02	02	0	03	2.75	2.75	2.75
MAFA-102	03	02	03	02	2.25	01	2.75	02	03	01	2.5	2.25	2.5	2.75
MAFA-103	01	02	0	01	01	2.25	0	01	03	0	2.5	2.75	03	2.75
MAFA-104	03	2.25	1.5	1.5	02	1.75	01	02	03	01	2.5	2.5	2.75	03
MAFA-105	02	1.5	01	1.75	02	03	01	01	03	0	2.5	2.75	2.75	2.5
MAFA-106	03	02	02	01	02	03	1.5	01	03	01	2.5	2.5	2.25	03
MAFA-107	02	2.75	01	1.75	01	2.5	01	02	03	0	2.5	2.75	2.75	2.25
MAFA-201	02	02	01	01	0	0	01	02	02	0	03	2.75	2.75	2.75
MAFA-202	03	02	03	02	1.5	1.5	02	01	02	0	2.5	2.25	2.5	2.75
MAFA-203	02	2.25	02	2.25	02	02	1.75	1.5	03	01	2.5	2.75	2.75	2.5
MAFA-204	03	2.25	02	1.5	02	1.75	1.5	02	03	1	2.5	2.5	2.25	03
MAFA- 205	2.5	2.5	01	2.25	01	2.5	01	02	03	0	2.25	2.75	2.75	2.25
MAFA-206	03	02	02	01	02	03	1.5	01	03	01	2.5	2.5	2.25	03
MAFA-207	2.25	02	1.25	1.75	1.5	03	01	1.75	03	0	02	2.75	2.75	02
MAFA- 208	2	1.75	2	1.5	0.75	1.75	0.75	0.25	2	-	2.75	2.25	2.75	2.5
MAFA-209	1	2	0.75	1.5	0.75	2	0.5	1.25	3	-	2.5	2.5	2.75	2.25
MAFA-301	03	03	01	03	02	02	01	01	03	01	03	2.5	2.5	03
MAFA-302	03	2.25	01	1.5	02	1.75	01	02	03	0	03	2.5	2.25	2.5
MAFA-303	2	1.75	01	1.75	01	2.25	01	1.5	03	0	2.25	03	2.75	2.5
MAFA-304	03	02	02	01	02	03	1.5	01	03	01	2.25	2.5	2.25	03
MAFA- 305	02	2.25	1.5	1.75	01	02	01	1.25	03	0.5	2.5	2.75	03	2.2
MAFA-306	1.75	2.25	0.5	1	0.5	2	1	0.5	2.5	0.25	2	2.75	1.75	2.5
MAFA-307	1	1.75	0.75	1.25	0.75	2	0.5	1.25	2.5	-	2.75	2.75	2.75	2.5
MAFA-401	03	03	01	03	02	02	01	01	03	01	03	2.5	2.5	03
MAFA-402	03	03	03	02	02	03	03	03	03	02	03	2.25	03	03
MAFA-403	03	2.25	2.25	2.25	02	1.75	02	02	03	1	03	2.5	2.25	2.5
MAFA-404	02	1.75	1.25	2.25	1.5	2.25	1.5	1.5	03	01	2.25	03	2.75	2.5
MAFA-405	03	02	02	01	02	03	1.5	01	03	01	2.5	2.5	2.25	03
MAFA-406	1.75	2.25	1.5	1.75	01	1.5	1.5	1.5	03	0.5	02	03	2.5	2.5

KURUKSHETRA UNIVERSITY, KURUKSHETRA

MASTER OF FINE ARTS IN THE FACULTY OF INDIC STUDIES

SCHEME AND SYLLABUS

(Based on CBCS-LOCF Pattern)

In Phased Manner Campus Course



DEPARTMENT OF FINE ARTS

VISION AND MISSION OF THE DEPARTMENT

Vision

To be recognized as Centre of Excellence in Fine Arts in Teaching & Research while ensuring quality result in field of Creative and Research.

Mission

To conserve and propagate all area of art and art History and imbibing the latest advances in the field of Fine Arts.

Kurukshetra University Kurukshetra
(“A+” Grade, NAAC Accredited)
Department of Fine Arts
CHOICE BASED CREDIT SYESTEM (CBCS-LOCF Pattern)
Scheme of Examinations M.F.A.
(w.e.f. the academic session 2020-21)

Program Outcome(P.O) for Post Graduate Courses of faculty of Indic Studies.

1. Scientific & Logical knowledge of ancient Indian wisdom.
2. Enhancing knowledge of Indian art & cultural traditions.
3. Knowledge of vedic, medieval & modern Philosophies.
4. Inculcation of nationalism and other moral values.
5. Enhancing mental relaxation and peace by adopting prayer, chanting, yoga and meditation.
6. Preservation of Indian arts & heritage by using modern technology.
7. To impart knowledge of different sanskaras & philosophies.
8. Imparting knowledge of folk traditions in different disciplines of the faculty.
9. Developing aesthetics, creativity & skills like singing, painting, dancing.
10. Improving the emotional intelligence through Geeta.

Program Specific Outcome(PSO,s) for M.F.A

The program outcomes (PSO) are the statement of competencies/abilities. PSOs are the statement that describes the knowledge and the abilities the post-Graduate have by the end of program studies.

PSO1: The detailed function knowledge of Theoretical, Historical and experimental aspects of Fine Arts.

PSO2: To integrate the gained knowledge with various contemporary and evolving areas in Fine Art like Visualization, painting, Advertisement, Sculpture, Graphic(Printmaking), Photography.

PSO3: To understand, analyze, plan and implement practical knowledge of art with developing Artistic skill & concept.

PSO4: Provide opportunities to excel in academics, research or Industry

Department of Fine Arts
Kurukshetra University Kurukshetra

(“A+” Grade, NAAC Accredited)

CHOICE BASED CREDIT SYESTEM (CBCS)

Scheme of Examinations M.F.A.

(w.e.f. the academic session 2020-21 onwards)

M.F.A - APPLIED ART (M.F.A – A)

M.F.A - GRAPHICS - PRINT MAKING (M.F.A – G)

M.F.A - PAINTING (M.F.A – P)

M.F.A - SCULPTURE (M.F.A – S)

Kurukshetra University Kurukshetra

("A+" Grade, NAAC Accredited)

Department of Fine Arts

CHOICE BASED CREDIT SYESTEM (CBCS – LOCF Pattern)

Scheme of Examinations M.F.A. Applied Art (w.e.f. the academic session 2020-21)

1st Semester

Scheme of Examinations Master Of Fine Art Specialization- Applied Art (w. e. f. the academic session 2020 onwards)												
S No.	Course Code/ Paper No.	Course Nomenclature		Contact Hours per Week		Examination Marks				Total Marks	Credit	Duration of Exam (in Hours)
						Theory		Practical				
				T	P	Internal Asst.	Examination	Internal Asst.	Examination			
1	MFA-P-101	History of Modern Western Art	Theory	4	-	20	80	-	-	100	4	3
2	MFA-A-102	Advertising Foundation & Dimension	Theory	4	-	20	80	-	-	100	4	3
3	MFA-A -103	Visualization	Practical	-	24	-	-	100	-	100	4	-
4	MFA-A-104	New Media Art	Practical	-	24	-	-	100	-	100	4	-
				8	48	-	-	-	-	400	16	-

2nd Semester

Scheme of Examinations Master Of Fine Art Specialization- Applied Art (w. e. f. the academic session 2020-2021 onwards)												
Sr. No.	Course Code/ Paper No.	Course Nomenclature		Contact Hours per Week		Examination Marks				Total Marks	Credit	Duration of Exam (in Hours)
						Theory		Practical				
				T	P	Internal Asst.	Examination	Internal Asst.	Examination			
1	MFA-P-201	History of Modern Western Art	Theory	4	-	20	80	-	-	100	4	3
2	MFA-A-202	Advertising Foundation & Dimension	Theory	4	-	20	80	-	-	100	4	3
3	MFA-A-203	Visualization	Practical	-	24	-	-	100	200	300	12	24
4	MFA-A-204	New Media Art	Practical	-	24	-	-	100	-	100	4	-
5	MFA-E-205	Pictorial Composition-I/ Clay Modelling-I/ Relief Composition-I/(Elective)	Practical	-	2	-	-	50	-	50	2	6
6	MFA-OE-206	Fundamental of Visual Arts-I Open Elective	Practical & Theory	-	2	-	-	10	40	50	2	6
				8	52	-	-	-	-	700	28	-

Kurukshetra University Kurukshetra

("A+" Grade, NAAC Accredited)

Department of Fine Arts

CHOICE BASED CREDIT SYESTEM (CBCS – LOCF Pattern)

Scheme of Examinations M.F.A. Applied Art (w.e.f. the academic session 2021-22 onwards)

3rd Semester

Scheme of Examinations Master Of Fine Art Specialization- Applied Art (w. e. f. the academic session 2021-2022 onwards)												
Sr. No.	Course Code/ Paper No.	Course Nomenclature		Contact Hours per Week		Examination Marks				Total Marks	Credit	Duration of Exam (in Hours)
						Theory		Practical				
				T	P	Internal Asst.	Examination	Internal Asst.	Examination			
1	MFA-P- 301	History of Modern Indian Art	Theory	04	-	20	80	-	-	100	04	03
2	MFA - A-302	Visualization	Practical	-	24	-	-	100	-	100	04	-
3	MFA -A- 303	New Media Art	Practical	-	24	-	-	100	-	100	04	-
4	MFA -E-304	Composition-II /Clay Modelling-II/ Intaglio Composition-II (Elective)	Practical	-	02	-	-	50	-	50	02	6
5	MFA-OE-305	Fundamental of Visual Arts-II (Open Elective)	Practical & Theory	-	02	-	-	10	40	50	02	6
				04	52	-	-	-	-	400	16	-

4th Semester

Scheme of Examinations Master Of Fine Art Specialization- Applied Art (w. e. f. the academic session 2021- 2022 onwards)												
Sr. No.	Course Code/ Paper No.	Course Nomenclature		Contact Hours per Week		Examination Marks				Total Marks	Credit	Duration of Exam (in Hours)
						Theory		Practical				
				T	P	Internal Asst.	Examination	Internal Asst	Examination			
1	MFA - P - 401	History of Modern Indian Art	Theory	04	-	20	80	-	-	100	04	03
2	MFA -A - 402	Dissertation	-	-	-	-	100	-	-	100	04	-
3	MFA -A- 403	Visualization	Practical	-	24	-	-	100	200	300	12	24
4	MFA - A- 404	Exhibition +Viva -voice +Report	Practical	-	24	-	-	100 (50+25 +25)	-	100	04	-
				4	48					600	24	-

Grand Total of All Semesters = **2100** Grand Total of all credits = **84**

Department of Fine Arts
Kurukshetra University Kurukshetra
 ("A+" Grade, NAAC Accredited)
 CHOICE BASED CREDIT SYESTEM (CBCS – LOCF Pattern)
M.F.A. (MASTER OF FINE ARTS), Applied Arts
 (w. e. f. the academic session 2020-21)

Examination : **M.F.A. (First Semester)**

Paper : **MFA-P-101 (Group P, A, G & S)**

Theory: **History of Modern Western Art**

Time Allowed: 3 Hours Max. Marks : 80+20 Internal Assessment **Credit – 4**

For Detail Syllabus and Instructions please See the syllabus of Group –P (MFA-P-101)

Examination : **M.F.A. (First Semester)**

Paper : **MFA-A-102 (Group A)**

Theory : **Advertising Foundation & Dimension** Time

Allowed: 3 Hours Max. Marks : 80+20 Internal Assessment **Credit - 4**

Instructions:

- (i) No. of Questions to be set: 09 (02 Questions from each unit) and Question No. 01 is to be set from all over the Units i.e. short type Questions.
- (ii) No. of Questions to be attempted : 05 .Question No. 01 is compulsory
- (iii) All Questions will be of equal marks.

(Theory) MFA-A-102 : Advertising Foundation & Dimension	
Cos#	Course Outcome
MFA-A-102.1	Ability to utilize the advertising to society, culture, history and the economy.
MFA-A-102.2	Ability to develop new, useful ideas; original, imagination for artistic or aesthetic value in advertising.
MFA-A-102.3	Ability to develop a critical understanding about the current development in information technology and its impact on advertising.
MFA-A-102.4	Enhance the knowledge of artistic and creative photographic techniques.

Courses of Study:

Unit – 1 - Introduction to Advertising – Define Advertising, Origin and growth of modern advertising, Functions of Advertising, **Trademark:** Logo/ Logotype, signature, seal, Monogram, Symbol, Emblem, Insignia, **Advertising and Society:** Advertising business offers employment, Advertising promotes freedom of press, Information and Freedom of choice, Advertising creates demand and consequently sales, advertising reduces selling cost, Truth in advertising, Advertising tries to raise the standard of living.

Unit –2 - Creative side of the Advertising - Creative side of the Advertising – creative Advertising, Creative concept & Creative leap, Creative brief and big Idea, Creative Strategy, Creative thinking, Visual thinking. Art direction and its functions. U.S.P.

Unit – 3 – Campaign planning, objectives and basic principles – Campaign objectives & Types, Factors influencing the planning of advertising campaign. The selling methods, Advertising Appeal. Modern advertising agencies and its structure, the Advertiser, The target

audience, Publicity, Propaganda. Radio & T.V. advertising and Jingles, Interactive Advertising.

Unit- 4 – Photography: Introduction, brief history and meaning. Role of photography & Drawings in Advertising. Photographers of India; Raja Deen Dyal, Raghu Rai, Sudharak Olwe, Hardesh Dhingra, Prabudha Das Gupta, Prashant Godbole.

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

- (i) Two handwritten Assignments : 10%
(1st Assignment after one month & 2nd after two months)
 - (ii) One Class Test (One period duration) : 5%
 - (iii) Attendance : 5%
- Marks for attendance will be given as under:-
- (1) 91% onwards : 5 Marks
 - (2) 81% to 90% : 4 Marks
 - (3) 75% to 80% : 3 Marks
 - (4) 70% to 74% : 2 Marks
 - (5) 65% to 69% : 1 Marks

Reading Books

1. Contemporary advertising: william F. arens, courtland L. bovee.
2. Foundation of advertising: S.A Chunnawalla, K.C Sethia.
3. Advertising and sales promotion: S.H.H kazmi, satish batra.
4. Social Dimension of advertising: S.S kaptan.
5. Advertising theory and practice: C.H sandage, vernon fryburger.
6. *Advertising and Promotion AN IMC Approach*, Shimp Cengage Learning India Pvt. Ltd., New Delhi
7. ekyoh;] —'.k dekj] vk/kfud foKki u] I kfgR; I æe izdk"ku] bykgkckn] 2007.
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CO-PO matrix for the course MFA-A-102 (Advertising Foundation & Dimension)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA-A-102.1	3	3	2	2	1	3	3	3	1	-
MFA-A-102.2	3	-	2	-	1	3	-	-	3	-
MFA-A-102.3	-	-	-	-	-	2	-	-	-	-
MFA-A-102.4	1	2	-	-	-	3	-	-	3	-
Average	2.33	2.5	2	2	1	2.75	3	3	2.33	0

CO-PSO matrix for the course MFA-A-102 (Advertising Foundation & Dimension)

COs	PSO1	PSO2	PSO3	PSO4
MFA-A-102.1	3	2	2	2
MFA-A-102.2	2	3	3	3
MFA-A-102.3	3	3	2	2
MFA-A-102.4	3	3	3	3
Average	2.75	2.75	2.5	2.5

DETAILED SYLLABUS (Practical)Examination : **M.F.A. (First Semester)** Paper : **MFA–A-103 (Group A)**Practical: **Visualization** Max. Marks : -100 Internal Practical Assessment **Credit – 4**Size : As per requirements Medium : **Poster Colours Or other with the permission of the concern teacher****Instructions:** Internal Examiner/ Committee will evaluate the Sessional work at the end of the semester.

(Practical) MFA-A-103 : Visualization	
Cos#	Course Outcome
MFA-A-103.1	Ability to communicate messages visually through a combination of words, artworks, graphic and media.
MFA-A-103.2	Ability to develop knowledge of color, design as well as techniques of drawing, photo editing, visual & aesthetic experiences.
MFA-A-103.3	Enhancing knowledge of creative art and improving the scientific & logical intelligence.
MFA-A-103.4	Ability to enrich aesthetic and artistic experience to cultivate positive, social values through the learning of visualization.

Course of study

Advertising campaign, Analytical study of different product groups. Visuals to be based on the class of commodity and class of appeal.

Assignments :

- Execution of any 2 advertising campaign with report (*market survey and about your campaign*) on consumer's product or institutional (Services or Social) related with any of the appropriate media including Print and various techniques available. (Minimum Submission for each Advertising Campaign is 10 works.)
- One campaign in handwork and 2 campaigns in computer.
- Free hand sketching - 500
- A short documentary film/TV Commercial etc.
- Drawing - 10 (Full figure human study, portrait, animal study etc.)

CO-PO matrix for the course MFA–A-103 (Visualization)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA-A-103.1	3	2	1	-	-	3	1	3	3	1
MFA-A-103.2	-	3	-	1	1	3	1	3	3	1
MFA-A-103.3	3	2	-	-	-	3	-	2	3	-
MFA-A-103.4	-	2	1	3	1	3	3	3	3	1
Average	3	2.25	1	2	1	3	1.66	2.75	3	1

CO-PSO matrix for the course MFA-A-103 (Visualization)

COs	PSO1	PSO2	PSO3	PSO4
MFA-A-103.1	2	3	3	3
MFA-A-103.2	3	3	3	3

MFA-A-103.3	3	3	2	2
MFA-A-103.4	3	3	3	2
Average	2.75	3	2.75	2.5

DETAILED SYLLABUS (Practical)

Examination : **M.F.A. (First Semester)**

Paper : **MFA-A- 104 (Group A)** Practical: **New Media Art**

Max. Marks : 100 (Internal Assessment) **Credit – 4** Size : As per requirements.

Instructions:

- (i) The examiner will evaluate the work of examinee at the end of semester.
- (ii) Internal examiner will evaluate the Sessional work.
- (iii) Any material can be used to create art work which support his/her artistic concept.

(Practical) MFA-A-104 : New Media Art	
Cos#	Course Outcome
MFA-A-104.1	Develops the artistic skill to work interdisciplinary and collaborative discipline that focuses on our relationship with technology, visual culture, emotion, and performance in contemporary art.
MFA-A-104.2	Enhances the knowledge to find possibilities of creating artwork using emerging technologies within the context of a hands-on studio art environment
MFA-A-104.3	This inculcates to execute projects challenge, tradition and embrace new forms of aesthetic thinking.
MFA-A-104.4	Inculcates the Moral values with emotional intelligence through the knowledge of art and aesthetics.

Course of Study – This practice is based with the traditions of avant-garde processes and experimental art making, and responds to the rapid pace of technological development. Student have to create Two Art work/Project work i.e. Installation Art, Film and Video Art, Photography, Digital Art, Interactive Art, Performance Art, Animation Art, Immersive Installations Art, Kinetic Art, Light & Sound Art, by using modern technology, Electronic devices, with their core subject.

Students should also integrate the language of art and technology through an integrated and informed critical practice. The Project work consist the report of working method of practical-based art work, on contemporary concept, performance studies, research finding with creative inputs in the constructed art work.

CO-PO matrix for the course : MFA–A-104 (New Media Art)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA-A-104.1	-	3	1	1	1	2	1	2	3	1
MFA-A-104.2	1	-	1	1	1	1	1	-	2	1
MFA-A-104.3	3	2	3	-	1	2	-	2	3	1
MFA-A-104.4	-	1	-	2	-	-	3	-	3	2
Average	2	2	1.66	1.33	1	1.66	1.66	2	2.75	1.25

CO-PSO matrix for the course MFA-A-104 (New Media Art)

COs	PSO1	PSO2	PSO3	PSO4
MFA-A-104.1	2	3	2	3
MFA-A-104.2	3	3	3	2
MFA-A-104.3	2	2	2	3
MFA-A-104.4	3	3	3	2
Average	2.5	2.75	2.5	2.5

Department of Fine Arts
Kurukshetra University Kurukshetra
 (“A+” Grade, NAAC Accredited)

CHOICE BASED CREDIT SYESTEM (CBCS – LOCF Pattern)

Scheme of Examinations M.F.A. (MASTER OF FINE ARTS), Applied Arts
 (w. e. f. the academic session 2020-21)

Examination : M.F.A. (Second Semester)

Paper : **MFA-P-201 (Group P, A, G & S)** Theory: **History of Modern Western Art**
 Time Allowed: 3 Hours Max. Marks : 80+20 Internal Assessment **Credit – 4**
(For Detail Syllabus and Instructions please See the syllabus of Group –P (MFA-P-201))

Examination : M.F.A. (Second Semester)

Paper: **MFA-A-202 (Group A)** Theory: **Advertising Foundation & Dimension**
 Time Allowed: 3 Hours Max. Marks : 80+20 Internal Assessment **Credit - 4**

Instructions:

- (i) No. of Questions to be set: 09 (02 Questions from each unit) and Question No. 01 is to be set from all over the Units i.e. short type Questions.
- (ii) No. of Questions to be attempted : 05 .Question No. 01 is compulsory
- (iii) All Questions will be of equal marks.

(Theory) MFA-A-202 : Advertising Foundation & Dimension	
Cos#	Course Outcome
MFA-A-202.1	Development of different creative copy and effective Typography in advertising media.
MFA-A-202.2	Ability to develop knowledge of Indian marketing related research and its impact on advertising.
MFA-A-202.3	Improving theoretical & Logical Knowledge of Advertising Media and Printing Techniques.
MFA-A-202.4	Inculcation of Social, Moral & Ethical Values and perceived social responsibilities through contemporary advertising.

Courses of Study:

Unit – 1 - Copy writing & Typography – Introduction of copy, types of copy, copy formats : Headlines, Sub headlines, body copy, Slogan etc. Typography and its role in Advertising. Calligraphy.

Unit – 2 –Marketing, Advertising & Market Research: Nature and scope of Marketing, Advertising role in Marketing, Types of market., Marketing mix, 4P's of Marketing Transportation, Insurance, Direct Marketing, Motivational Research.

Unit –3 - Types of Advertising Media – Press Advertising (Newspapers, Magazines & Journals), Outdoor Advertising (Posters, Hoardings, Painted Display, Electric Display, Neon- Signs, Stickers etc.), Direct Mail Advertising (Sales Letters, Personal Letters, Circulars, Booklets, Catalogue, etc.), Entertainment Advertising (Radio, Television, Films, Puppets Shows, etc.) Promotional Advertising (Interior Display, Show-Rooms, Window Display, Show-cases, coupons etc.), Famous Mascots, Layout stages, Layout design principles, Major different printing techniques in brief: offset, letterpress, lithography, gravure or intaglio, screen printing laser printing etc.

Unit –4-Ethics, Regulations and Social Responsibilities – Taste and Advertising, Stereotyping in Advertising: Women in advertisement, Advertising to children, Ethical Aspects of Advertising, Advertising controversial products & legal aspects of advertising, Copyright, Trade Mark

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

(i) Two handwritten Assignments : 10%

(1st Assignment after one month & 2nd after two months)

(ii) One Class Test (One period duration) : 5%

(iii) Attendance : 5%

Marks for attendance will be given as under:-

(1) 91% onwards : 5 Marks (4) 70% to 74% : 2 Marks

(2) 81% to 90% : 4 Marks (5) 65% to 69% : 1 Marks

(3) 75% to 80% : 3 Marks

Reading Books

1. Contemporary Advertising: William F. Arens, Courtland L. Bovee.
2. Foundation of Advertising: S.A Chunnawalla, K.C Sethia.
3. Advertising and Sales Promotion: S.H.H Kazmi, Satish Batra.
4. Social Dimension of Advertising: S.S Kaptan.
5. Advertising theory and practice: C.H Sandage, Vernon Fryburger.
6. Advertising and Promotion AN IMC Approach, Shimp Cengage Learning India Pvt. Ltd., Delhi.
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CO-PO matrix for the course MFA-A-202 (Advertising Foundation & Dimension)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA-A-202.1	-	2	-	1	-	3	-	-	1	1
MFA-A-202.2	2	2	-	2	-	2	-	-	-	-
MFA-A-202.3	1	-	2	-	2	3	2	2	2	-
MFA-A-202.4	-	2	2	3	2	3	3	1	1	2
Average	1.5	2	2	2	2	2.75	2.5	1.5	1.33	3

CO-PSO matrix for the course MFA-A-202 (Advertising Foundation & Dimension)

COs	PSO1	PSO2	PSO3	PSO4
MFA-A-202.1	3	3	3	2

MFA-A-202.2	3	3	3	3
MFA-A-202.3	3	3	2	2
MFA-A-202.4	3	2	2	2
Average	3	2.75	2.5	2.25

DETAILED SYLLABUS (Practical)

Examination : M.F.A. (Second Semester)

Paper : MFA-A-203 (Group A) Practical: Visualization

Max. Marks : 300 (Examination-200 and Internal Assessment -100) Credit – 12

Medium : Poster Colours Time Allowed : 24 Hours Size : As per requirements.

Instructions:

- (i) The examiner will evaluate the work of examinee on the last day of the examination and if the examiner did not turn up on the last day, the art work will be kept in a sealed lock custody and as and when the examiner comes as his/her convenient date can evaluate the practical paper.
- (ii) Internal Examiner/ Committee will evaluate the Sessional work.

(Practical) MFA-A-203 : Visualization	
Cos#	Course Outcome
MFA-A-203.1	Ability to communicate the content, process of work visually, orally through a combination of artworks, graphic and media.
MFA-A-203.2	Ability to utilize the visual message as a tool of social, moral and scientific awareness
MFA-A-203.3	Enhancing knowledge of visual arts, visual studies and the media.
MFA-A-203.4	Ability to utilize the art and technology interface for creative outcomes.

Course of study

Advertising campaign, Analytical study of different product groups. Visuals to be based on the class of commodity and class of appeal.

Assignments :

- Execution of any 2 advertising campaign with report (*market survey and about your campaign*) on consumer's product or institutional (Services or Social) related with any of the appropriate media including Print and various techniques available. (Minimum Submission for each Advertising Campaign is 10 works.)
- One campaign in handwork and 2 campaign in computer.
- Free hand sketching - 500
- A short documentary film/TV Commercial etc.
- Drawing - 10 (Full figure human study, portrait, animal study etc.)

CO-PO matrix for the course : MFA-A-203 (Visualization)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA-A-203.1	-	-	1	-	1	1	1	-	2	1
MFA-A-203.2	2	-	2	3	1	-	2	-	-	1
MFA-A-203.3	1	3	-	1	1	3	-	1	2	1
MFA-A-203.4	-	1	-	-	-	3	-	1	3	-
Average	1.5	2	1.5	2	3	2.33	1.5	1	2.33	3

CO-PSO matrix for the course MFA-A-203 (Visualization)

COs	PSO1	PSO2	PSO3	PSO4
MFA-A-203.1	3	3	2	2
MFA-A-203.2	2	2	3	3
MFA-A-203.3	3	3	3	3
MFA-A-203.4	3	2	2	2
Average	2.75	2.5	2.5	2.5

DETAILED SYLLABUS (Practical)

Examination : **M.F.A. (Second Semester)**

Paper : **MFA-A- 204**

Practical: **New Media Art**

Max. Marks :100 Internal Assessment **Credit – 04** Size : As per requirements

Instructions:

- The examiner will evaluate the work of examinee at the end of semester.
- Internal examiner will evaluate the Sessional work.
- Any material can be used to create art work which support his/her artistic concept.

(Practical) MFA-A-204 : New Media Art	
Cos#	Course Outcome
MFA-A-204.1	Ability to enhance visual sophistication and interpretation through the development of craftsmanship, the refinement of conceptual issues, and the expansion of artistic awareness.
MFA-A-204.2	Enhance the Knowledge of handling New Art method, equipments, and other communication inputs.
MFA-A-204.3	Ability to plan, conceptualize and execute an original and creative work of New Media Art.
MFA-A-204.4	Enhance the Knowledge of visual and physical interaction at a New Media interface.

New Media Art is an interdisciplinary and collaborative discipline that focuses on our relationship with technology, visual culture and performance in contemporary art. This practice is rooted in the traditions of avant-garde processes and to fine new methods of art making, and responds to the rapid pace of technological development.

Students in this program work closely with dedicated faculty and technicians to explore diverse methods of making in both the virtual and physical world. Projects challenge tradition and embrace new forms of aesthetic

thinking, while all courses emphasize artistic excellence, active learning, and socially engaged practices. Students in this major enjoy adjacency to disciplines across the department and access to both digital and analog tools.

Whether it is installation, film and video, advance photography, physical computing, performance based art, animation, immersive installations, sound art, sensing devices, or participatory media, our students integrate the language of art and technology through an integrated and informed critical practice.

Course of Study –This practice is based with the traditions of avant-garde processes and experimental art making, and responds to the rapid pace of technological development. Student have to create Art work, by using traditional & modern technology, installation, photography project, film and video, physical structure, net-art, performance, animation, immersive installations, sound, devices, social practice, using these with their core subject, students should also integrate the language of art and technology through an integrated and informed critical practice.

The Project work consist the report of working this practice-based art work, based on contemporary concept, performance studies, research finding with creative inputs in the constructed art work.

CO-PO matrix for the course : MFA-A-204 (New Media Art)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA-A-204.1	1	1	1	2	2	2	1	2	1	1
MFA-A-204.2	1	1	-	1	1	3	1	1	2	-
MFA-A-204.3	1	-	1	1	1	2	1	-	2	1
MFA-A-204.4	-	1	-	-	2	2	-	-	1	-
Average	1	1	1	1.33	1.5	2.25	1	1.5	1.5	1

CO-PSO matrix for the course MFA-A-204 (New Media Art)

COs	PSO1	PSO2	PSO3	PSO4
MFA-A-204.1	2	2	2	3
MFA-A-204.2	3	3	3	2
MFA-A-204.3	3	3	3	3
MFA-A-204.4	2	3	2	2
Average	2.5	2.75	2.5	2.5

Kurukshetra University, Kurukshetra
MA & M.F.A. (FINE ARTS)
CHOICE BASED CREDIT SYESTEM (CBCS), Elective Paper

Painting (A), Semester: 2nd
(w.e.f. the academic session 2020-21)

Examination: MFA 2nd Sem. (Elective)
Paper: MFA-E -205 Pictorial Composition-I(Painting)

Time: 6 Hrs.**Max. Marks: 50****Credit-2**

MFA -205 Pictorial Composition I (Painting)	
Cos#	Course Outcome
MFA -205.1	Practicing and creating art with different painting medium and developing artistic skill.
MFA -205.2	Functional knowledge of tradition, conventions, and evolution of the discipline as related to issue of representation and illusion.
MFA -205.3	Ability to synthesize the use of drawing, two dimensional compositions and colour
MFA -205.4	Enhances the emotional intelligence.

Basic Studies in specialized mediums of Pictorial Composition-I Syllabus of Elective

1. Study of Landscape

Medium –Pastel/ Poster/ water colour/ Oil Colour/ Acrylic Colour.

Size- ½ Size and ¼ Size

Total Number of Assignment - 2

Marks : 20

2. Study of Indian Miniature and Folk art

Size – ¼ and ½ Imp.

Total Number of assignment - 2

Marks : 20

3. Copy of famous art work

Size (2”x2”) paper on canvas

Medium – oil colour, acrylic, poster colour

Total no. of assignment - 1

Marks : 10

Table 2: CO – PO matrix for the course MFA -205 – Pictorial Composition I (Painting)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA -205.1	2	1	-	1	1	-	-	-	2	-
MFA -205.2	3	2	-	2	-	2	-	-	2	-
MFA -205.3	2	2	2	2	1	2	1	-	-	-
MFA -205.4	1	2	2	1	1	3	2	1	2	-
Average	2	1.75	2	1.5	0.75	1.75	0.75	0.25	2	-

Table 3: CO – PO matrix for the course MFA -205 Pictorial Composition I (Painting)

	PSO1	PSO2	PSO3	PSO4
MFA -205.1	2	3	3	3
MFA -205.2	3	3	3	1
MFA -205.3	3	2	3	3
MFA -205.4	3	1	2	3
Average	2.75	2.25	2.75	2.5

MA & M.F.A. (FINE ARTS)
CHOICE BASED CREDIT SYESTEM (CBCS), Elective Paper

Sculpture (S), Semester: 2nd
(w.e.f. the academic session 2020-2021)

Examination: MFA 2nd Sem. (Elective)

Paper: MFA-E-205 Clay Modeling-I (Sculpture)

Time: 6 Hrs.

Max. Marks: 50

Credit-2

Course Outcome-

Paper: MFA -205Clay Modeling-I (Sculpture)	
Cos#	Course Outcome
MFA -205.1	knowledge to manipulate, integrate and use material to build three dimensional sculpture.
MFA -205.2	Understand to research form, materials and techniques as need by the direction of their sculptural work.
MFA -205.3	Observation and understanding of Natural objects transforming in sculpture art
MFA -205.4	Enhance the belongingness towards mother earth.

Basic Studies in specialized mediums of Caly Modeling

Details of course study:

Practical

1. Introduction to sculpture-basic elements and their relationships-sculptural exercises
2. Knowledge about the clay(preparation of clay)
3. Study of medium like clay with animals, birds, human figure (parts of body) and other object.(round & relief)

Size:-12"x12" x18"

Medium: Clay

Total No. of Assignment – 05 (10 marks each)

Table 2: CO – PO matrix for the course MFA -205 Clay Modeling-I (Sculpture)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA-205.1	2	1	-	1	1	-	-	-	2	-
MFA -205.2	1	2	-	2	-	2	-	-	2	-
MFA -205.3	2	2	1	2	2	2	1	1	2	-
MFA -205.4	1	2	1	1	1	3	2	1	2	-
Average	1.5	1.75	0.5	1.5	1	1.75	0.75	1	2	-

Table 3: CO – PSO matrix for the course MFA -205 Clay Modeling-I (Sculpture)

	PSO1	PSO2	PSO3	PSO4
MFA -205.1	2	3	1	2
MFA -205.2	3	3	2	3
MFA -205.3	2	3	2	1

MFA -205.4	2	2	2	3
Average	2.25	2.75	1.75	2.25

M.F.A. (FINE ARTS)
CHOICE BASED CREDIT SYESTEM (CBCS), Elective Paper

Graphics- (Print Making) (G), Semester: 2nd
(w.e.f. the academic session 2020- 21)

Examination: MFA 2nd Sem. (Elective)

Paper: MFA-E-205 Relief Composition-I (Print Making)

Time: 6 Hrs.

Max. Marks: 50

Credit-2

MFA-205 Relief Composition (Print Making)	
Cos#	Course Outcome
MFA -205.1	Develop Artistic Ability with tools, materials and techniques inherent to basic printmaking processes.
MFA -205.2	Knowledge of solving visual problems with equal emphasis on combining both concept and physical process of Relief printmaking.
MFA-205.3	Understand and discuss the historical and contemporary role of relief printmaking in art, design & culture building.
MFA -205.4	Enhances the knowledge of Indian print culture & tradition.

Course of Study:

Basic Studies in specialized mediums of Printmaking

1. Printmaking emphasis on composition and individual technique working in all the following mediums.

(a) Relief Process (No. of Assignment: 02, 25 Marks each)

- i. Selection of Materials, preparation of surface for various textures.
- ii. Preparing design and transferring on selected materials, cutting of material and preparing the printing surface.
- iii. Printing of prepared block. Determine registration for printing of editions.
- iv. Woodcut Black & White Print method and Colour Wood cut Print method.
- v. Relief Printing on other Surfaces. **Size: 8"x 8"**,

Table 2: CO – PO matrix for the course MFA -205 – Relief Composition(Print Making)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA-205.1	2	1	-	1	1	-	-	-	2	-
MFA-205.2	1	2	-	2	1	2	-	-	2	-
MFA-205.3	2	2	2	2	2	2	1	1	-	1
MFA -205.4	1	2	2	1	1	3	2	1	2	1

Average	1.5	1.75	2	1.5	1.25	1.75	1.5	1	2	1
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Table 3: CO – PO matrix for the course MFA -205- Relief Composition(Print Making)

	PSO1	PSO2	PSO3	PSO4
MFA -205.1	2	3	3	3
MFA -205.2	3	3	3	1
MFA -205.3	2	2	3	3
MFA -205.4	3	1	2	3
Average	2.5	2.25	2.75	2.5

Kurukshetra University Kurukshetra
 ("A+" Grade, NAAC Accredited)
Department of Fine Arts
 CHOICE BASED CREDIT SYESTEM (CBCS – LOCF Pattern)
M.F.A. (MASTER OF FINE ARTS), Applied Arts
 (w. e. f. the academic session 2021-22)

Examination : **M.F.A. (Third Semester)**

Paper : **MFA-P-301 (Group P and A)** Theory: **History of Modern Indian Art**

Time Allowed: 3 Hours Max. Marks : 80+20 Internal Assessment **Credit – 4**

For Detail Syllabus and Instructions please See the syllabus of Group –P (MFA-P-301)

DETAILED SYLLABUS (Practical)

Examination : **M.F.A. (Third Semester)**

Paper : **MFA-A-302 (Group A)** Practical: **Visualization**

Max. Marks : 100 Internal Assessment **Credit – 4** Size : As per requirements.

Medium : **Poster Colours** or other with the permission of concern teacher

Instructions:

Internal Examiner/ Committee will evaluate the Sessional work at the end of the semester.

(Practical) MFA-A-302 : Visualization	
Cos#	Course Outcome
MFA-A-302.1	To impart knowledge of innovative and creative ideas.
MFA-A-302.2	Development of design for products to make aesthetically pleasing and captivating.
MFA-A-302.3	To impart knowledge of appropriate design needed for successfully contributing to the modern world of art.
MFA-A-302.4	To utilize artistic techniques, artistic elements in designs and promotions used in Applied Arts.

Course of Study- Deeper understanding of market and marketing techniques (4P's), concept building, building of brand image, creation of U.S.P.

Assignments:

- Execution of any 2 advertising campaign with report (*market survey and about your campaign*) on consumer's product or institutional (Services or Social) related with any of the appropriate media including Print and various techniques available. (Minimum Submission for each Advertising Campaign is 10 works.)
- One campaign in handwork and 2 campaigns in computer.
- A short documentary film/ TV Commercial etc.
- Free hand sketching - 500
- Drawing – 10 (Full figure human study, portrait, animal study etc.)

CO-PO matrix for the course : MFA-A-302 (Visualization)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA-A-302.1	1	1	2	-	1	3	-	1	3	1
MFA-A-302.2	1	1	-	1	-	1	1	2	3	1
MFA-A-302.3	1	-	1	1	3	-	1	2	3	-
MFA-A-302.4	-	-	-	1	-	3	-	-	2	1
Average	1	1	1.5	1	2	2.33	1	1.66	2.75	1

CO-PSO matrix for the course MFA-A-302 (Visualization)

COs	PSO1	PSO2	PSO3	PSO4
MFA-A-302.1	2	3	3	2
MFA-A-302.2	3	3	2	2
MFA-A-302.3	3	3	3	2
MFA-A-302.4	2	2	3	3
Average	2.5	2.75	2.75	2.25

DETAILED SYLLABUS (Practical)

Examination : **M.F.A. (Third Semester)**

Paper : **MFA-A-303 (Group A)**

Practical: **New Media Art**

Max. Marks : 100 Internal Assessment Credit – 4 Size : As per requirements.

Instructions:

- The examiner will evaluate the work of examinee at the end of semester.
- Internal examiner will evaluate the Sessional work.
- Any material can be used to create art work which support his/her artistic concept.

(Practical) MFA-A-303 : New Media Art	
Cos#	Course Outcome
MFA-A-303.1	Enhance the skill of experimenting with media and materials in two and three dimensional processes, taking risks and improving technical skills to develop a personal artistic style.

MFA-A-303.2	Responsible, taking charge of their own development as practitioners, with an independent approach to the creative process.
MFA-A-303.3	Develop Reflective, recording ideas and critically evaluating their work as they continually review, refine and adapt.
MFA-A-303.4	Engaged, enriching their work by exploring different artists, movements and concepts. Innovative, combining approaches and techniques and developing the skills to solve problems creatively.

Experimentation with materials and processes builds confidence, and helps develop awareness of spatial, textural and colour relationships, which are fundamental to art and design. A skilful artist or designer selects the materials and processes that communicate their message in the most effective way.

Provides opportunities for learners to develop their personal practice, enrich their understanding of key concepts and improve their practical skills in a wide range of traditional and contemporary techniques. It allows learners to explore and build on their interests. The syllabus encourages independent expression and the development of a critical, reflective practice. It is designed to accommodate a wide range of abilities, materials and resources, and allows the different skills of teachers to be fully exploited.

Course of Study –

This practice is based with the traditions of avant-garde processes and experimental art making, and responds to the rapid pace of technological development. Student have to create Art work, by using traditional & modern technology, installation, photography project, film and video, physical structure, net-art, performance, animation, immersive installations, sound, devices, social practice, using these with their core subject, students should also integrate the language of art and technology through an integrated and informed critical practice.

The Project work consist the report of working this practice-based art work, based on contemporary concept, performance studies, research finding with creative inputs in the constructed art work.

CO-PO matrix for the course : MFA-A-303 (New Media Art)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA-A-303.1	1	1	1	1	-	2	1	1	3	-
MFA-A-303.2	-	1	-	1	1	-	1	2	3	1
MFA-A-303.3	1	-	1	1	1	-	-	-	2	1
MFA-A-303.4	-	1	-	1	-	1	1	-	3	1
Average	1	1	1	1	1	1.5	1	1.5	2.75	1

CO-PSO matrix for the course MFA-A-303 (New Media Art)

COs	PSO1	PSO2	PSO3	PSO4
MFA-A-303.1	3	3	3	3
MFA-A-303.2	3	3	3	3
MFA-A-303.3	2	3	3	2
MFA-A-303.4	3	3	2	3
Average	2.75	3	2.75	2.75

Painting (A), Semester: 3rd (w.e.f. the academic session 2021-22)

Examination: MFA 3rd Sem. (Elective)

Paper: MFA-E-304 Composition-II

Time: 6 Hrs.

Max. Marks: 50

Credit-2

Paper: MFA -304 Composition-II (Painting)	
Cos#	Course Outcome
MFA -304.1	Enhances the creative process through studio exercise and assignments.
MFA -304.2	Understand to control visual and physical control of medium used in the application of colour, Texture & tones, concepts
MFA -304.3	knowledge to develop drawing and painting Skills for creative composition in art.
MFA -304.4	Inculcates Emotional attachment towards nature & society.

Basic Studies in specialized mediums of Composition-II

Syllabus of Elective

1. Study of portraiture and composition based on portrait, object, figure, interior and landscape

Medium – Poster colour, acrylic and oil

Size- 2’x2” (Paper and Canvas)

Total No. of assignment – 3

Marks: 30

2. Study of developing own style in Composition

Medium – Any medium

Only canvas

Total no. of assignment- 2

Marks: 20

Table 2: CO – PO matrix for the course MFA -304 Composition-II (Painting)

Cos#	PO1	PO2	PO3	PO4	PO	PO	PO	PO8	PO9	PO1
MFA -304.1	2	3	-	1	-	2	-	-	3	-
MFA -304.2	2	3	-	-	1	2	-	-	3	-
MFA -304.3	1	1	2	1	-	2	1	2	2	1
MFA -304.4	2	2	-	2	1	2	-	-	2	-
Average	1.75	2.25	0.5	1	0.5	2	1	0.5	2.5	0.25

Table 3: CO – PSO matrix for the course MFA -304 Composition-II (Painting)

	PSO1	PSO2	PSO3	PSO4
MFA -304.1	2	3	1	2
MFA -304.2	2	3	2	2
MFA -304.3	2	3	2	3
MFA -304.4	2	2	2	3
Average	2	2.75	1.75	2.5

Sculpture (S), Semester: 3rd

(w.e.f. the academic session 2021-22)

Examination: MFA 3rd Sem. (Elective)

Paper: MFA-E-304 Clay Modeling-II (Sculpture)

Time: 6 Hrs.

Max. Marks: 50

Credit-2

Course Outcome-

Paper: MFA -304 Clay Modeling-II (Sculpture)				
Cos#	Course Outcome			
MFA-304.1	Develop Clay Modeling skills with different medium and handling the techniques			
MFA -304.2	Understand to research form, materials and techniques as need by the direction of their sculptural work.			
MFA -304.3	Inculcation of visual communication by using Clay Modeling			
MFA -304.4	Imparting knowledge of using natural and metal materials for execution of mural works.			
Average	2.25	2.75	1.75	2

Basic Studies in specialized mediums of Clay Modeling-II

Details of course study:

Practical

1. Knowledge about technique and using clay modeling tools for portrait & composition (round & relief)
2. Knowledge about pottery in clay.
3. Fabrication finishing , colouring and polishing
4. Size 12"x12"x18
5. Medium : Clay
6. Total No. of Assignment – 05 (10 marks each)
- 7.

8. Table 2: CO – PO matrix for the course MFA -304 Clay Modeling-II (Sculpture)

Cos#	PO1	PO2	PO3	PO4	PO	PO	PO	PO8	PO9	PO1
MFA -304.1	2	3	1	1	-	2	-	-	3	-
MFA -304.2	2	3	1	-	1	2	-	-	3	-
MFA -304.3	2	1	-	1	-	2	1	-	1	-
MFA -304.4	2	2	-	2	-	2	-	-	2	-
MFA -304.1	2	2.25	0.5	1	1	2	1	-	2.25	-

9.

10. Table 3: CO – PSO matrix for the course MFA -304 Clay Modeling-II (Sculpture)

	PSO1	PSO2	PSO3	PSO4
MFA -304.1	2	3	1	2
MFA -304.2	2	3	2	2

MFA -304.3	3	3	2	1
MFA -304.4	2	2	2	3

Graphics- (Print Making) (G), Semester: 3rd
(w.e.f. the academic session 2021-22)

Examination: MFA 3rd Sem. (Elective)

Paper: MFA-E-304 Intaglio Composition-II (Print Making)

Time: 6 Hrs.

Max. Marks: 50

Credit-2

Paper: MFA -304Intaglio Composition (Print Making)	
Cos#	Course Outcome
MFA -305.1	Develop creative ways to solve problems using a variety of strategies for making prints by intaglio processes.
MFA -305.2	Enhancing to Create personal hand-printed artwork, which demonstrate an introductory level of understanding printmaking ideas, and the processes, materials, and techniques associated with different method.
MFA -305.3	Establish self-critiquing skills to develop autonomous expression through printmaking.
MFA -305.4	Scientific and logical knowledge of reproduction of art works.

Basic Studies in specialized mediums of Printmaking

1. Intaglio Printmaking process emphasis on composition and individual technique working in the following medium.
 - i. Intaglio Process (Etching, Dry point & Aquatint), Selection of materials preparations and application of dry and liquid grounds. Study of various chemicals and mordents.
 - ii. Preparation of composition on plate with various experiments for textural and tonal values. Different techniques like Dry Point, Etching& Aquatint.
 - iii. Different Printing techniques, with the help of Rollers, Stencils and Inks.
 - iv. Art Work Size: 8" x 8"
 - v. **(No. of Assignment: 02, 25 Marks each)**

Table 2: CO – PO matrix for the course MFA -304 Intaglio Composition (Print Making)

Cos#	PO1	PO2	PO3	PO4	PO	PO	PO	PO8	PO9	PO1
MFA -305.1	2	3	-	1	-	2	-	-	3	-
MFA -305.2	2	3	-	-	1	2	-	-	3	-
MFA -305.3	1	1	2	1	-	2	1	-	2	1
MFA -305.4	2	2	-	2	-	2	-	-	2	-
Average	1.75	2.25	2	1.34	1	2	1	-	2.5	1

vi.

Table 3: CO – PSO matrix for the course MFA -304 Intaglio Composition (Print Making)

	PSO1	PSO2	PSO3	PSO4
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MFA -305.1	2	3	1	2
MFA -305.2	2	3	2	2
MFA -305.3	2	3	2	1
MFA -305.4	2	2	2	3
Average	2	2.75	1.75	2

Kurukshetra University Kurukshetra
 ("A+" Grade, NAAC Accredited)
Department of Fine Arts
 CHOICE BASED CREDIT SYSTEM (CBCS – LOCF Pattern)
Scheme of Examinations M.F.A. (FINE ARTS) Applied Arts
 (w.e.f. the academic session 2021-22 Onwards)

Examination : **M.F.A. (Fourth Semester)**

Paper : **MFA-P-401 (Group P and A)**

Theory: History of Modern Indian Art

Time Allowed: 3 Hours Max. Marks :80+20 Internal Assessment **Credit – 04**

For Detail Syllabus and Instructions please See the syllabus of Group –P (MFA-P-401)

Examination: MFA (Fourth Semester)

MFA-A -402: (Group A) Dissertation MM :100 Credit – 04

Instructions

Synopsis presentation & approval of subject – August.

Presentation & Seminar - January.

Final submission – 31st March.

The evaluation of Dissertation and Viva-voce will be conducted by External & Internal Examiner.

(Practical) Paper - MFA-A- 402: - (Dissertation)	
Cos#	Course Outcome
MFA-A-402.1	Ability to develop a research aptitude and engage with monuments of historical significance, archeological sites or any other space or site of cultural importance.
MFA- A -402.2	Research ability to engage critically with social issues and develop a project.
MFA- A -402.3	Ability to develop research methodology and writing skills to review an archeological site, monument or museum.
MFA- A -402.4	A consciousness of the ethical aspects of research and development work.

Course of Study

- (i) A critical and analytical aspect of Painting, Applied Arts, Sculpture, Graphics (Print Making) etc.
- (ii) A critical and analytical aspect of History of Art.
- (iii) Folk, Tribal Art and Popular form of Art.
- (iv) Concept of Aesthetics or Philosophy.
- (v) Contemporary Artists.
- (vi) New trends in Contemporary Art.
- (vii) Any other new relevant topic including experimentation etc.

CO – PO matrix for the course MFA-A- 402: - (Dissertation)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA- A -402.1	2	3	3	1	-	3	1	1	-	2
MFA- A -402.2	-	-	-	1	-	-	1	-	1	1
MFA- A -402.3	2	3	2	-	-	3	-	1	1	2
MFA- A -402.4	-	-	1	1	-	-	1	-	-	-
Average	2	3	2	1	0	3	1	1	1	1.66

CO – PSO matrix for the course MFA-A- 402: - (Dissertation)

	PSO1	PSO2	PSO3	PSO4
MFA- A -402.1	3	3	3	3
MFA- A -402.2	2	3	2	2
MFA- A -402.3	3	2	2	3
MFA- A -402.4	2	2	2	3
Average	2.5	2.5	2.25	2.75

DETAILED SYLLABUS (Practical)

Examination : **M.F.A. (Fourth Semester)**

Paper : **MFA–A-403 (Group A)** Practical: **Visualization**

Max. Marks : 300 (Examination-200 and Internal Assessment -100) **Credit – 12**

Medium : **Poster Colours Or any other with the permission of concern teacher**

Time Allowed : 24 Hours Size : As per requirements.

Instructions:

- (i) The examiner will evaluate the work of examinee on the last day of the examination and if the examiner did not turn up on the last day, the art work will be kept in a sealed lock custody and as and when the examiner comes as his/her convenient date can evaluate the practical paper.
- (ii) Internal Examiner/ Committee will evaluate the Sessional work.

(Practical) MFA-A-403 : Visualization	
Cos#	Course Outcome
MFA-A-403.1	Ability to communicate the content, process of work visually, orally through a combination of artworks, graphic and media.
MFA-A-403.2	Ability to utilize the visual message as a tool of social, moral and scientific awareness.
MFA-A-403.3	Enhancing knowledge of visual arts, visual studies and the media.
MFA-A-403.4	Ability to utilize the art and technology interface for creative outcomes.

Course of study

Advertising campaign, Analytical study of different product groups. Visuals to be based on the class of commodity and class of appeal.

Assignments :

- Execution of any 2 advertising campaign with report (*market survey and about your campaign*) on consumer's product or institutional (Services or Social) related with any of the appropriate media including Print and various techniques available. (Minimum Submission for each Advertising Campaign is 10 works.)
- One campaign in handwork and 2 campaign in computer.
- Free hand sketching - 500
- A short documentary film/TV Commercial etc.
- Drawing - 10 (Full figure human study, portrait, animal study etc.)

CO-PO matrix for the course : MFA-A-403 (Visualization)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA-A-403.1	2	2	-	1	2	2	1	-	3	-
MFA-A-403.2	3	-	2	3	2	-	3	-	-	1
MFA-A-403.3	1	2	2	-	1	2	-	2	3	1
MFA-A-403.4	-	2	-	-	-	3	-	1	2	-
Average	2	2	2	2	1.66	2.5	2	1.5	2.66	1

CO-PSO matrix for the course MFA-A-403 (Visualization)

COs	PSO1	PSO2	PSO3	PSO4
MFA-A-403.1	3	3	3	2
MFA-A-403.2	2	2	3	3
MFA-A-403.3	3	3	3	3
MFA-A-403.4	3	2	3	2
Average	2.75	2.5	3	2.5

DETAILED SYLLABUS (Practical)

Examination : **M.F.A. (Fourth Semester)**

Paper : **MFA-A-404 (Group A)** Practical: **Exhibition + viva + Report**

Max. Marks : 100 Internal Assessment(50+25+25) **Credit – 04**

Instructions

Instructions

- (i) One Solo Exhibition of his/her own Art work done during 1st 2nd 3rd & 4th Semester will be Conducted at the end of 4th semester. Internal Examiner will evaluate their technical & aesthetics performance of each candidate at the time of exhibition.
- (ii) Viva-Voice will be conducted by Internal & External Examiner.
- (iii) A Seminar paper will be present in seminar on topic related to Painting /Applied Art/Sculpture/ Graphics. Candidate can choose his/her own journey of during study & new invention and experimental asp

(Practical) Paper - MFA-A-404 - (Exhibition + Viva+ Report)
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Cos#	Course Outcome
MFA-A-404.1	Ability to utilize thoughts creatively and articulate clearly and precisely.
MFA-A-404.2	An opportunity to reach an audience with a distinct interest in the market and the products on display.
MFA-A-404.3	Creates awareness and develops relationship with new prospects.
MFA-A-404.4	Ability to develop effective communication skills and work effectively as a member of a team.

Course of Study

Project: Students have to write about his/ her art work created during this semester and the internal committee will evaluate his/ her project displayed through exhibition.

CO – PO matrix for the course MFA-A-404 - (Exhibition + Viva + Report)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA-A-404.1	1	2	3	1	-	2	3	1	2	1
MFA-A-404.2	1	1	2	1	2	1	1	-	1	1
MFA-A-404.3	-	-	1	-	1	1	1	1	1	1
MFA-A-404.4	1	1	-	-	1	-	-	-	3	-
Average	1	1.33	2	1	1.33	1.33	1.66	1	1.75	1

CO – PSO matrix for the course MFA-A-404 - (Exhibition + Viva + Report)

	PSO1	PSO2	PSO3	PSO4
MFA-A-404.1	2	3	2	3
MFA-A-404.2	2	3	3	2
MFA-A-404.3	3	3	2	3
MFA-A-404.4	3	3	3	3
Average	2.5	3	2.5	2.75

Kurukshetra University, Kurukshetra
CHOICE BASED CREDIT SYESTEM (CBCS),
Fundamental of Visual Arts (OPEN ELECTIVE)_w.e.f. 2020-21
Opted by Students from other departments of Faculty of Indic Studies

Semester- 2nd

Examination:- Fundamental of Visual Art-I
MFA-E-206 Credit: 2

Max. Marks:- 40 +10 internal assesment
Time: 6 Hrs.

Course Outcome-

MFA-OE-206.1 An understanding of basic principal of art & colour, concept, media and formats, and the ability to apply them to a specific aesthetic intent.

MFA-OE-206.2 Knowledge of different element of Arts studies and continuing throughout the degree program towards the development of advance capabilities.

MFA-OE-206.3 Understanding the basic fundamentals of arts with its merits and demerits.

MFA-OE-206.4 Progress towards developing the knowledge of consistent, personal direction and style.

Details of course works: (Theory)

- Practice of Element of Art (Line, Form, Color, Tone, Texture, Shape etc.)
- Basic Introduction of Art, Fine Art, Types of Art, Definition Of Art

Practical

1. Still Life- Object Drawing (Medium- Pencil, Pastel, Poster Colour)- **Total no. of Assignment-2**
2. Nature Drawing -Tree Study, Animal Study etc. (Medium- Pencil, Poster, Pestle)-
Total no. of Assignment-2
3. Design- 2D, 3D, Letter writing (Medium- Poster Colure)- **Total no. of Assignment-1**
4. Sketches – 20 (Object/ Figure/ Nature etc.)

CO-PO mapping matrix for the course MFA-OE-206 (Name of the Course: Open Elective)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA-OE -206.1	2	3	1	2	1	3	-	1	3	-
MFA-OE-206.2	2	2	-	2	-	3	1	2	3	-
MFA-OE -206.3	1	2	1	-	-	2	-	1	3	-
MFA-OE-206.4	1.25	1.75	1	2	0.25	-	1	1	3	-
Average	1	2	0.75	1.5	0.75	2	0.5	1.25	3	-

CO-PSO mapping matrix for the course MFA-OE-206 (Name of the Course: Open Elective)

PSO	PSO1	PSO2	PSO3	PSO4
MFA-OE -206.1	3	2	3	2
MFA-OE-206.2	2	3	3	1
MFA-OE -206.3	2	2	2	3
MFA-OE-206.4	3	3	3	3
Average	2.5	2.5	2.75	2.25

Semester- 3rd Open Elective

Examination:- Fundamental of Visual Art-II Max. Marks: - 40+10 Internal assessment
MFA-OE-305 Credit: 2 Time: 06 Hours

Instructions:

- 1) Themes/Subject matters/topics will be of multiple choices.
- 2) Board of internal Examiner (Chairman, Internal and nominee of chairman) will evaluate the Sessional work.

Course Outcome –

MFA-OE-305.1 Practicing and creating art with different painting medium and developing artistic skill.

MFA-OE-305.2 Functional knowledge of tradition, conventions, and evolution of the discipline as related to issue of representation and illusion.

MFA-OE-305.3 Ability to synthesize the use of drawing, two dimensional compositions and colour.

MFA-OE-305.4 Enhances the emotional intelligence.

Details of course works:**Theory (2 Assignments)**

- Study of Colors, Medium of Color, pen and ink, water Colour, Oil Colour and Acrylic colour
- Knowledge of Principal of Arts (Balance, Unity, Harmony, Contrast, Dominance etc.)

Practical

1. Copy from master Art -Indian and Western painter (Medium-Water Color, Poster Color)-
Total no. of Assignment-2.
2. Landscape Painting Outdoor And Indoor, Nature Study (Poster Colour, Water Colour, Pencil Colour, Oil Colour, Acrylic Colour)- **Total no. of Assignment-3.**
3. **Sketches: - 20** (Object/ Figure/ Nature etc.)

CO-PO mapping matrix for the course MFA-OE-305 (Name of the Course: Open Elective)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA-OE -305.1	2	3	1	2	1	3	-	1	3	-
MFA-OE-305.2	2	2	-	2	-	3	1	2	3	-
MFA-OE -305.3	1	1	1	-	-	2	-	1	1	-
MFA-OE-305.4	1	1	1	1	2	-	1	1	3	-
Average	1	1.75	0.75	1.25	0.75	2	0.5	1.25	2.5	-

CO-PSO mapping matrix for the course MFA-OE-305 (Name of the Course: Open Elective)

PSO	PSO1	PSO2	PSO3	PSO4
MFA-OE -305.1	3	2	3	2
MFA-OE-305.2	3	3	3	2

MFA-OE -305.3	2	3	2	3
MFA-OE-305.4	3	3	3	3
Average	2.75	2.75	2.75	2.5

CO-PO-PSO mapping matrix for all the course of MFA – Applied Art (Group- A)

Course Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO 1	PSO 2	PSO 3	PSO 4
MFA-P-101	01	01	01	01	0	0	01	02	02	0	03	2.75	2.75	2.75
MFA-A-102	2.33	2.5	2	2	1	2.75	3	3	2.33	0	2.75	2.75	2.5	2.5
MFA-A-103	3	2.25	1	2	1	3	1.66	2.75	3	1	2.75	3	2.75	2.5
MFA-A-104	2	2	1.66	1.33	1	1.66	1.66	2	2.75	1.25	2.5	2.75	2.5	2.5
MFA-P-201	01	01	01	01	0	0	01	02	02	0	3	03	2.75	2.75
MFA-A-202	1.5	2	2	2	2	2.75	2.5	1.5	1.33	3	3	2.75	2.5	2.25
MFA-A-203	1.5	2	1.5	2	3	2.33	1.5	1	2.33	3	2.75	2.5	2.5	2.5
MFA-A-204	1	1	1	1.33	1.33	2.25	1	1.5	1.5	1	2.5	2.75	2.5	2.5
MFA-A-205	1.5	1.75	2	1.5	1	1.75	1	0.5	2	0.25	2.5	2	2.75	2.5
MFA-P-206	1.25	1.75	1	2	0.25	-	1	1	3	-	2.5	2.5	2.75	2.25
MFA-A-301	03	03	01	03	02	02	01	01	03	01	03	2.5	2.5	03
MFA-A-302	1	1	1.5	1	2	2.33	1	1.66	2.75	1	2.5	2.75	2.75	2.25
MFA-A-303	1	1	1	1	1	1.5	1	1.5	2.75	1	2.75	3	2.75	2.75
MFA-A-304	1	2.25	2	1	1	2	0.5	0.25	2.5	0.25	2	2.75	1.75	2.5
MFA-P-305	1	1.75	0.75	1.25	0.75	2	0.5	1.25	2.5	-	2.75	2.75	2.75	2.5
MFA-A-401	03	03	01	03	02	02	01	01	03	01	03	2.5	2.5	03
MFA-A-402	2	3	2	1	0	3	1	1	1	1.66	2.5	2.5	2.25	2.75
MFA-A-403	2	2	2	2	1.66	2.5	2	1.5	2.66	1	2.75	2.5	3	2.5
MFA-A-404	1	1.33	2	1	1.33	1.33	1.66	1	1.75	1	2.5	3	2.5	2.75

Kurukshetra University Kurukshetra
 ("A+" Grade, NAAC Accredited)
Department of Fine Arts
 CHOICE BASED CREDIT SYESTEM (CBCS – LOCF Pattern)
Scheme of Examinations M.F.A. Painting
 (w.e.f. the academic session 2020-21 onwards)

1st Semester

Scheme of Examinations Master Of Fine Art Specialization- Painting (w. e. f. the academic session 2020 onwards)												
S No.	Course Code	Course Nomenclature		Contact Hours per Week		Examination Marks				Total Marks	Credit	Duration of Exam (in Hours)
						Theory		Practical				
				T	P	Internal Asst.	Examination	Internal Asst.	Examination			
1	MFA-P-101	History of Modern Western Art	Theory	4	-	20	80	-	-	100	4	3
2	MFA-P-102	Aesthetics& Art Appreciation	Theory	4	-	20	80	-	-	100	4	3
3	MFA-P -103	Creative Painting	Practical	-	24	-	-	100	-	100	4	-
4	MFA-P-104	New Media Art	Practical	-	24	-	-	100	-	100	4	-
				8	48	-	-	-	-	400	16	-

2nd Semester

Scheme of Examinations Master Of Fine Art Specialization- Painting (w. e. f. the academic session 2020-2021 onwards)												
Sr. No.	Course Code/ Paper No.	Course Nomenclature		Contact Hours per Week		Examination Marks				Total Marks	Credit	Duration of Exam (in Hours)
						Theory		Practical				
				T	P	Internal Asst.	Examination	Internal Asst.	Examination			
1	MFA-P-201	History of Modern Western Art	Theory	4	-	20	80	-	-	100	4	3
2	MFA-P-202	Aesthetics& Art Appreciation	Theory	4	-	20	80	-	-	100	4	3
3	MFA-P-203	Creative Painting	Practical	-	24	-	-	100	200	300	12	24
4	MFA-P-204	New Media Art	Practical	-	24	-	-	100	-	100	4	-
5	MFA-E-205	Clay Modelling-I/ Graphic Design-I/ Relief Composition-I) (Elective)	Practical	-	2	-	-	50	-	50	2	6
6	MA-OE-206	Open Elective (Fundamental of Visual Arts-I)	Practical & Theory	-	2	-	-	10	40	50	2	6
				8	52	-	-	-	-	700	28	-

Kurukshetra University Kurukshetra

("A+" Grade, NAAC Accredited)

Department of Fine Arts

CHOICE BASED CREDIT SYESTEM (CBCS – LOCF Pattern)

Scheme of Examinations M.F.A. Painting (w.e.f. the academic session 2021-22 onwards)

3rd Semester

Sr. No.	Course Code	Course Nomenclature		Contact Hours per Week		Examination Marks				Total Marks	Credit	Duration of Exam (in Hours)
						Theory		Practical				
				T	P	Internal Asst.	Examination	Internal Asst.	Examination			
1	MFA-P- 301	History of Modern Indian Art	Theory	04	-	20	80	-	-	100	04	03
2	MFA - P-302	Creative Painting	Practical	-	24	-	-	100	-	100	04	-
3	MFA -P- 303	New Media Art	Practical	-	24	-	-	100	-	100	04	-
4	MFA -E-304	Clay Modelling-II/ Graphic Design-II/ Intaglio Composition-II(Elective)	Practical	-	02	-	-	50	-	50	02	6
5	MFA-OE-305	Fundamental of Visual Arts-II Open Elective	Practical & Theory	-	02	-	-	10	40	50	02	6
				04	52	-	-	-	-	400	16	-

4th Semester

Sr. No.	Course Code	Course Nomenclature		Contact Hours per Week		Examination Marks				Total Marks	Credit	Duration of Exam (in Hours)
						Theory		Practical				
				T	P	Internal Asst.	Examination	Internal Asst	Examination			
1	MFA - P -401	History of Modern Indian Art	Theory	04	-	20	80	-	-	100	04	03
2	MFA -P - 402	Dissertation	-	-	-	-	100	-	-	100	04	-
3	MFA -P- 403	Creative Painting,	Practical	-	27	-	-	100	200	300	12	24
4	MFA - P- 404	Exhibition +Viva -voice +Report	Practical	-	27	-	-	100(50 +25+25)	-	100	04	-
				8	54					600	24	-

Grand Total of All Semesters = 2100 Grand Total of all credits = 84

*Practical Examination will be conducted in Even Semester i.e. 2nd, 4th only.

* *The Final submission of dissertation (402) and Viva-voce will be conducted in 4th Semester.

*** Open Elective (to be opted from other department of the faculty only)

Kurukshetra University Kurukshetra
(“A+” Grade, NAAC Accredited)
Department of Fine Arts
CHOICE BASED CREDIT SYESTEM (CBCS – LOCF Pattern)
Detailed Syllabus of Examinations M.F.A. (MASTER OF FINE ARTS), Painting – Group P
(w. e. f. the academic session 2020-21)

Examination: M.F.A. (First Semester)

Time Allowed: 3 Hours Max. Marks : 80 & 20 Internal Assessment, **Credit: 04**

MFA- P-101 History of Modern Western Art (Group A,B, C & D)

- (i) No. of Questions to be set: 09 (02 Questions from each unit) and Question No. 01 is to be set from all over the Units i.e. short type Questions.
- (ii) No. of Questions to be attempted : 05 .Question No. 01 is compulsory
- (iii) All Questions will be of equal marks.

Course Objectives:

To develop a critical understanding of western art from the 18th century onwards. Analytical study of some of the prominent artists of the West. Introduction to Modern Western Art.

Course Outcomes: After completing the course the student will get to know

MAFA.101.1 Trace the development of Modern Western art from the 18thcentaury to 20th century.

MAFA.101.2 Develop a critical understanding of western Art Movements and its relevance and impact on art.

MAFA.101.3 Critical understanding of the art work of some of the seminal/prominent artists and their contributions to modern art.

MAFA.101.4 Develop a critical understanding of History of Western Art and its relevance and impact on art.

Course of Study

Unit-I

Romanticism: Francisco Goya, Eugene Delacroix, John Constable, J.W.M. Turner.

Realism: Gustave Courbet, Jean-Francois Millet, Camille Corot, Honore Daumier.

Unit-II

Impressionism: Claude Monet, Edouard Mamet, Edgar Degas, Auguste Renoir. Post-

impressionism: Georges Seurat, Paul Cezanne, Paul Gauguin, Vincent Van Gough, Camille Pissarro.

Unit-III

Other important Painters: Edward Munch, Toulouse Lautrec. Futurism- Umberto Boccioni, Givno Serverini.

Fauvism: Henri Matisse, Maurice De Vlaminck.

Unit-IV

Cubism: Pablo Picasso, Georges Braque, Juan Gris, Fernand Leger.

Expressionism

- a. Die Brucke: Leslie Kirchner, Emil Nolde.
- b. Der Blaue Reiter: Wassily Kandinsky, Paul Klee, Franz Marc.
- c. Figurative Expressionist: Oskar Kokoschka.

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

(i) Two handwritten Assignments : 10%
(1st Assignment after one month & 2nd after two months)

(ii) One Class Test (One period duration) : 5%

(iii) Attendance : 5%

Marks for attendance will be given as under:-

(1) 91% onwards : 5 Marks (4) 70% to 74% : 2 Marks

(2) 81% to 90% : 4 Marks (5) 65% to 69% : 1 Marks

(3) 75% to 80% : 3 Marks

READING LIST:

1. Deymatie : Fauvism (good introduction also in Encyclopedia of World Art.)
2. Crespelle – The Fauves.
3. Razanl, Modern Painting, Skira – Useful references from plates and text.
4. Lake and Maillard – Dictionary of Modern Painting.
5. Herbert Read – A concise History of Modern Painting.
6. William Vaughan – Romantic Art.
7. European Modern Movements in Encyclopedia of World Art.
8. Leymarie – Impressionism (Skira).
9. J. Rewald – History of impressionism – Museum of Modern Art, New York.
10. J. Rewald – Post Impressionism (Both these books are indispensable for the respective periods).
11. Madsen – Art Nouveau.
12. Golding – Cubism: A history and analysis – See Also : Cubism and Futurism in Encyclopedia of World Art.
13. Rosenblum – Cubism and 20th Century Art.
14. Selz : German Expressionism. For Expressionism See Also Encyclopedia of World Art.
15. Ritchie – German 20th Century Art – Museum of Modern Art.
16. Barr – Fantastic Art; Dada and Surrealism.
17. Scuphor – Dictionary of Abstract Art.
18. Motherwell Dada Poets and Painters (Anthology of Dada Writings).
19. Marcel Jean – A History of Surrealist Painting (Comprehensive Study)
20. Herbert Read – Surrealism (Mainly documents)
21. Rubin – Dada & Surrealism.
22. F. Pepper – Kinetic Art.

CO-PO mapping matrix for the course MFA-P-101 (History of Modern Western Art)

Os	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA-P -101.1	1	1	1	1	0	0	1	2	2	0
MFA-P -101.2	1	1	1	1	0	0	1	2	2	0
MFA-P -101.3	1	1	1	1	0	0	1	2	2	0
MFA-P -101.4	1	1	1	1	0	0	1	2	2	0
Average	01	01	01	01	0	0	01	02	02	0

CO-PSO mapping matrix for the course MFA-P-101 (History of Modern Western Art)

PSO	PSO1	PSO2	PSO3	PSO4
MFA-P -101.1	3	2	3	3
MFA-P -101.2	3	3	2	3
MFA-P -101.3	3	3	3	2
MFA-S -102.4	3	3	3	3
Average	03	2.75	2.75	2.75

Kurukshetra University Kurukshetra
(“A+” Grade, NAAC Accredited)
Department of Fine Arts
CHOICE BASED CREDIT SYSTEM (CBCS – LOCF Pattern)
Detailed Syllabus of Examinations M.F.A. (MASTER OF FINE ARTS), Painting – Group P
(w. e. f. the academic session 2020-21)

Examination: **M.F.A (First Semester)**

Time Allowed: 3 Hours Max. Marks :80 & 20 Internal Assessment, **Credit:04**

MFA-P-102 Aesthetics and Art Appreciation

Instructions:

- (i) No. of Questions to be set: 09 (02 Questions from each unit) and Question No. 01 is to be set from all over the Units i.e. short type Questions.
- (ii) No. of Questions to be attempted : 05 .Question No. 01 is compulsory
- (iii) All Questions will be of equal marks.

Course Objectives:

To develop a critical understanding of Aesthetics and Art Appreciation. Analytical study of some of the prominent Indian Philosophers.

Course Outcomes:

After completion of course student will be able to:

MAFA.102.1 Introduction and effective knowledge of art and aesthetics , for carrier development/ art appreciation..

MAFA.102.2 Critical understanding of Indian Vedic Philosophy and Literature and its relevance to art .

MAFA.102.3 To develop a keen insight into the contribution of Indian Philosophy in development of art in India.

MAFA.102.4 Develop a critical understanding of Indian philosophy of art and aesthetics and its relevance to Indian art.

Course of Study

Unit-I

Introduction to Aesthetics and its Scope, Philosophy and Art, Introduction to basic Principles of Indian Philosophy and Religious Thoughts – Vedic, Upanishadic.

Unit-II

Fundamentals of Indian Art, Principles of Painting and Shilpa Texts like Chitrastutam, Chitrakalanam

Unit-III

Concept of Rasa , Rasanubhuti , Ras Nishpatti, Bharat Lollat, Sankhya , Bharat Muni, AbhinavGupt (including types and components of Rasa),

Unit-IV

Concept of Shadanga, Alankar: Bhamak, Dhawani Sidhant : Anad Vardhan, Auchitya: Kasmendra, Riti: Vaman.

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

- (i) Two handwritten Assignments : 10%
(1st Assignment after one month & 2nd after two months)
- (ii) One Class Test (One period duration) : 5%

(iii) Attendance : 5%

Marks for attendance will be given as under:-

(1) 91% onwards	: 5 Marks	(4) 70% to 74% : 2 Marks
(2) 81% to 90%	: 4 Marks	(5) 65% to 69% : 1 Marks
(3) 75% to 80%	: 3 Marks	

Reading List

1. Aesthetic meaning – RekhaJhanji
2. Philosophy of Art (Foundations of Philosophy series)
3. Comparative Aesthetics : Eastern & Western – G. Hanumantha Rao and DVK Murthy
4. Philosophy of Art – Aldrich Virgil
5. Aesthetics from classical Greece to the present: A Short History – Monsore C. Beardsley.
6. Introductory Readings in Aesthetics – Hospers John.
7. Art and Illusion – E. H. Gombrick.
8. Ideals and Idols – E.H. Gombrick..
9. Approaches to Indian Art – NiharRanjan Ray
10. Aesthetic Theory and Art – Ranjan K. Ghosh
11. Mimesis as Make – Believe – Aurthor Danto
12. j l fl) k l r , o d k n ; z k k l = % M k u x b n z
13. d y k v g l k n ; z % l j b n c k j f y a s
14. H k j r h ; l k n ; z k k l = % j k e y [k u " k p y
15. j l fl) k l r v k g l k n ; z k k l = % f u e y t u
16. d y k l e h k k % f x f j j k t f d " k j v " k k d
17. l k n ; z R o % l j b n u k f k n k l x q r
18. l k n ; z k k l = % j k e - i k v . k d j
19. H k j r h ; n " k u % , l - , u - n k l x q r k
20. n " k u f n X n " k u % j k g y l k d l r ; k ; u
21. H k j r h ; l k n ; z k k l = d h H d e d k % M k u x b n z
22. d y k f o o p u % d e k j f o e y
23. H k j r h ; l k n ; z k k l = d k r k f r o d f o o p u , o d . k u % j k e y [k u " k p y
24. L k k / k j . k h d j . k v g l k n ; z k k l r d s i e d k f l) k l r % i e d k l r v . M u
25. l k n ; z k k l = d s r R o % d e k j f o e y
26. l k n ; z k k l = & M k u i e k f e J k

CO-PO mapping matrix for the course MFA-P-102 (Aesthetics and Art Appreciation)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA-P -102.1	3	2	3	2	2	1	3	2	3	1
MFA-P -102.2	3	2	3	2	2	1	3	2	3	1
MFA-P -102.3	3	2	3	2	2	1	2	2	3	1
MFA-P -102.4	3	2	3	2	3	1	3	2	3	1
Average	03	02	03	02	2.25	01	2.75	02	03	01

CO-PSO mapping matrix for the course MFA-P-102 (Aesthetics and Art Appreciation)

PSO	PSO1	PSO2	PSO3	PSO4
MFA-P -102.1	3	2	3	3
MFA-P -102.2	2	2	2	3
MFA-P -102.3	3	3	3	3
MFA-P -102.4	2	2	2	2
Average	2.5	2.25	2.5	2.75

DETAILED SYLLABUS (Practical)Examination: **M.F.A. (First Semester)****MM: 100 Internal Assessment, Credit-04****MFA-P-103****Creative Painting****Course Objectives:**

The course encourages students to develop a critical and artistic temperament. The course offers opportunities to develop independent artistic thinking and aptitude for a rigorous studio practice.

Course Outcomes:

After completion of course student will be able

MFA.P.103.1 Ability to display critical awareness of art history and contemporary visual art practices and their interrelationship in the Indian and Western perspective

MFA.P.103.2 Develop personal approach to visualization, conceptualization and art creation.

MFA.P.103.3 Ability to explore diversity of conceptual and aesthetic approaches, styles and techniques

MFA.P.103.4 Ability to demonstrate a sustained artistic engagement with socio-political realities, Indian Culture, Moral Values, Folk Tradition e andintensive investigation of contemporary critical issues

Course of Study:

Advancement of previous experience towards a complete pictorial interpretation, theme and expression of mood, symbolism, dramatization, distortion for emotional effect including abstract expressionism projects with emphasis on independent creative work.

a) Advanced Drawing

- Exploration of an individual approach to drawing as an aesthetic exercise of visual sign and symbol and locate your practice in the broader context of contemporary art
- Exercise of different drawing techniques of traditional and contemporary masters Exercise on application of different mediums both traditional and contemporary as a drawing tool

- Medium: pencil, charcoal, pastel, pen and ink, water colour Acrylic and oil, photocopy, impression, stencil, etc.

b) Composition

- Identify and synthesis the connection between process and concept in reference to collage/collision
- Exercise with different methods and traditions of representation of space, form and colour in reference to history and visual culture
- Medium: Develop, test and employ materials, process and mediums in a way that activates your ideas and concepts

Exercise work in different aspect and medium.

Study of form, Texture, relief etc.

Canvas – Oil & Acrylic and Mix Media.

Instructions:

- The examiner will evaluate the work of examinee at the end of semester.
- Internal examiner will evaluate the Sessional work.

Candidate admitted in M.F.A. (Painting) will select any one of the above options subject for specialization in all semester.

Max. Marks: 100 Internal Assessment

Credit:04

Medium: Oil Colours/Water Colours/Acrylic Colours/Clay/Tiles/Fibre Glass/Cement/ Waste Material etc.

Minimum Size: 36” x 36” / 30”x40”

Sessional Work for Creative Painting

- No. of Assignments on Canvas : 08, Size- 30”x40” or 36”x36”
- General sketches : 500
- Colour Sketches : 25

CO-PO mapping matrix for the course MFA-P-103 (creative Painting)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA-P -103.1	3	2	2	1	2	3	2	1	3	1
MFA-P -103.2	3	2	2	1	2	3	2	1	3	1
MFA-P -103.3	3	2	2	1	2	3	1	1	3	1
MFA-P -103.4	3	2	2	1	2	3	1	1	3	1
Average	03	02	02	01	02	03	1.5	01	03	01

CO-PSO mapping matrix for the course MFA-P-103 (creative Painting)

PSO	PSO1	PSO2	PSO3	PSO4
MFA-P -103.1	2	3	3	3
MFA-P -103.2	3	2	2	3
MFA-P -103.3	3	3	2	3
MFA-P -103.4	2	2	2	3
Average	2.5	2.5	2.25	03

First Semesters**Credit - 4****MFA – P –104 New Media Art Max Marks: 100 (Internal Assessment)****Instructions**

- i. Any material can be used to create art work which support his/her artistic concept
- ii. Display of his/her own Art work done during 1st Semester will be conducted at the end of 1st semester.
- iii Viva-Voce will be conducted by Internal Examiner.

Course Outcome

MFA.P.104.1 Enhance the skill of experimenting with media and materials in two- and three-dimensional processes, taking risks and improving technical skills to develop a personal artistic style.

MFA.P.104.2 Responsible, taking charge of their own development as practitioners, with an independent approach to the creative process.

MFA.P.104.3 Develop Reflective, recording ideas and critically evaluating their work as they continually review, refine and adapt.

MFA.P.104.4 Engaged, enriching their work by exploring different artists, movements and concepts. Innovative, combining approaches and techniques and developing the skills to solve problems creatively.

Course of Study –This practice is based with the traditions of avant-garde processes and experimental art making, and responds to the rapid pace of technological development. Student have to create Two Art work/Project work i.e. Installation Art, Film and Video Art, Digital Art, Interactive Art, Performance Art, Animation Art, Immersive Installations Art, Kinetic Art, Light & Sound Art, by using modern technology, Electronic devices, with their core subject.

Students should also integrate the language of art and technology through an integrated and informed critical practice.

The Project work consist the report of working method of practical-based art work, on contemporary concept, performance studies, research finding with creative inputs in the constructed art work.

Note - Any material can be used to create art work which support his/her artistic concept.

New Media Art is an interdisciplinary and collaborative discipline that focuses on our relationship with technology, visual culture and performance in contemporary art. This practice is rooted in the traditions of avant-garde processes and to fine new methods of art making, and responds to the rapid pace of technological development.

Students in this program work closely with dedicated faculty and technicians to explore diverse methods of making in both the virtual and physical world. Projects challenge tradition and embrace new forms of aesthetic thinking, while all courses emphasize artistic excellence, active learning, and socially engaged practices. Students in this major enjoy adjacency to disciplines across the department and access to both digital and analog tools.

Whether it is installation, film and video, physical computing, performance based art, animation, immersive installations, sound art, sensing devices, or participatory media, our students integrate the language of art and technology through an integrated and informed critical practice.

Sessional Work for New Media-Experimental Art

1. No. of Assignments : 2, Size- 30”X40” or 36”x36”
2. General sketches : 500
3. Colour Sketches : 25

CO-PO mapping matrix for the course MFA-S-104 (New Media Art)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA-P -104.1	3	2	1	1	2	2	1	2	3	-
MFA-P -104.2	3	2	1	2	2	2	1	2	3	-
MFA-P -104.3	3	3	1	2	2	1	1	2	3	-
MFA-P -104.4	3	2	1	1	2	2	1	2	3	-
Average	3	2.25	1	1.5	2	1.75	1	2	3	-

CO-PSO mapping matrix for the course MFA-S-104 (: New Media Art)

PSO	PSO1	PSO2	PSO3	PSO4
MFA-P -104.1	3	2	3	3
MFA-P -104.2	2	3	3	3
MFA-P -104.3	2	3	3	3
MFA-P -104.4	2	2	2	3
Average	2.25	2.5	2.75	3

Kurukshetra University Kurukshetra

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Department of Fine Arts

CHOICE BASED CREDIT SYESTEM (CBCS – LOCF Pattern)

Scheme of Examinations M.F.A. (MASTER OF FINE ARTS), Painting – Group P

(w. e. f. the academic session 2020-21)

Examination: **M.F.A. (Second Semester)**

MFA-P-201(Group A,P,G, & S) Theory: **History of Modern Western Art**

Max. Marks 80& 20 Internal Assessment Time: 3 Hours **Credit: 04**

Instructions:

- (i) No. of Questions to be set: 09 (02 Questions from each unit) and Question No. 01 is to be set from all over the Units i.e. short type Questions.
- (ii) No. of Questions to be attempted : 05 .Question No. 01 is compulsory
- (iii) All Questions will be of equal marks.

Course Objectives:

To develop a critical understanding of western art from the 18th century. Analytical study of some of the prominent artists of the west. Introduction to western aesthetics.

Course Outcomes: After completion of course student will be able

MFA.P.201.1 To Trace the development of Western art to Modern period .

MFA.P.201.2 Develop a critical understanding of western Art Movements and its relevance and impact on art.

MFA.P.201.3 Critical understanding of the art work of some of the seminal/prominent artists and their contributions to modern art.

MFA.P.201.4 Develop a critical understanding of western art and its relevance and impact on art.

Course of Study

Unit-I

Constructivism: Kasimir Malevitch, Alexander Rodchenko, Naum Gabo, Antoine Pevsner.
De Stijl : Piet Mondrian, Theo Van Doesenburg.

Unit-II

Dada and Surrealism: Giorgio De Chirico, Marcel Duchamp, Max Ernst, Joan Miro, Salvador Dali, Francis Picabia, Marc Chagall,

Unit-III

Abstraction: Matisse, Vasily Kandinsky, Paul Klee, Jackson Pollock, Mark Rothko
 Pop Art : David Hockney, Andy Warhol. Other important Painter: Amedeo Modigliani, Max Beckman

Unit-IV

Op Art, Frank Stella, Victor Vasarely. Minimal and Kinetic art-Alexander Calder (Lobster trap and fish tail).

Important Sculptor: Constantine Brancusi, Henry Moore, Auguste Rodin, Alberto Giacometti.

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

(i) Two handwritten Assignments : 10%
 (1st Assignment after one month & 2nd after two months)

(ii) One Class Test (One period duration) : 5%

(iii) Attendance : 5%

Marks for attendance will be given as under:-

(1) 91% onwards	: 5 Marks	(4) 70% to 74% : 2 Marks
(2) 81% to 90%	: 4 Marks	(5) 65% to 69% : 1 Marks
(3) 75% to 80%	: 3 Marks	

Reading List

- Studies in Modern Indian Art – Ratan Parimoo
- Moving Focus – K.G. Subrahmanyam
- Pictorial Space – Geeta Kapoor
- Modern Indian Art – Keshav Malik
- Lalit Kala Contemporary
- Lalit Kala Monographs
- Contemporary Art in India : P.N. Mago
- Contemporary Art – The Flamed Mosaic by Naviel Tuli
- Contemporary Indian Art- Gaytri Sinha
- Handbook of Indian Art- Sunil Khosa
- Company Painting- Mildred Archer
- Art of India- Fredrick M. Asher
- Indian Painting for The British 1770-1880- Mildred Archer, W.G. Archer
- Indian Miniatures in The India Office Library- Mildred Archer, Toby Falk
- Contemporary Indian Art- Other realities- Yashodhara Dalmia
- The Making of Modern Indian Art- The Progressives- Yashodhara Dalmia
- Memory, Metaphor, Mutations- Yashodhara Dalmia
- Arts of India 1550-1900- John Guy, Deborah Swallow
- Essays on contemporary practice in India- Geeta Kapoor
- Triumph of Modernism- Partha Mitter
- Flamed Mosaic- Neville Tuli
- Kala Chitrkala- Vinod Bhardwaj
- Char Chitrkaar- Ashok Mitra
- Samkalin Kala- Dr. Ramviranjan
- Chitrkalaka Rasaswadan- Ramchandr Shukl
- Lalit Kala Ki Dhara- Asit Kumar Haldar

CO-PO mapping matrix for the course MFA-P-201 (History of Modern Western Art)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA-P -201.1	1	1	1	1	0	0	1	2	2	0
MFA-P -201.2	1	1	1	1	0	0	1	2	2	0
MFA-P -201.3	1	1	1	1	0	0	1	2	2	0

MFA-P -201.4	1	1	1	1	0	0	1	2	2	0
Average	01	01	01	01	0	0	01	02	02	0

CO-PSO mapping matrix for the course MFA-P-201 (History of Modern Western Art)

PSO	PSO1	PSO2	PSO3	PSO4
MFA-P -201.1	3	2	3	3
MFA-P -201.2	3	3	2	3
MFA-P -201.3	3	3	3	2
MFA-P -201.4	3	3	3	3
Average	3	03	2.75	2.75

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Department of Fine Arts

CHOICE BASED CREDIT SYESTEM (CBCS – LOCF Pattern)

**Scheme of Examinations M.F.A. (MASTER OF FINE ARTS), Painting – Group P
(w. e. f. the academic session 2020-21)**

MFA-P-202 Aesthetics and Art Appreciation Credit:04

Time Allowed: 3 Hours

Max. Marks 80 & 20 Internal Assessment

Instructions:

- (i) No. of Questions to be set: 09 (02 Questions from each unit) and Question No. 01 is to be set from all over the Units i.e. short type Questions.
- (ii) No. of Questions to be attempted : 05 .Question No. 01 is compulsory
- (iii) All Questions will be of equal marks.

Course Learning Outcomes: After completion of course student will be able

MFA.P.202.1 Introduction and effective knowledge of Art and Aesthetics , for carrier development and art appreciation.

MFA.P.202.2 Critical understanding of Western Philosophy of art its relevance to art.

MFA.P.202.3 To develop a keen insight into the contribution of Western Philosopher in development of art

MFA.P.202.4 Develop a critical understanding of Western Theory of art and aesthetics and its relevance to Indian art.

Course of Study

Unit-I

Introduction to Western Philosophers, Greek Philosophers: Socrates, Plato, Aristotle.
Neo-Platonism: Plotinus, Saint Augustine

Unit-II

British – George Burkle, William Hogarth .

German &Romanian – Baumgarten, Kant, Gate, Hegal, Schopenhauer,

Unit-III

Expressionist- BenedettoCroce

French Philosophers- Roger Fry, Clive Bell

Other: C.J. Jung, Croce, Susane Langer

Unit-IV

Russian- Leo Tolstoy, Sigmund Freud, Young, Bernanke, Herbert Read, John Ruskin
Psychology and Art, Freaud's theory (conscious and sub-conscious mind),

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

- (i) Two handwritten Assignments : 10%
(1st Assignment after one month & 2nd after two months)
- (ii) One Class Test (One period duration) : 5%
- (iii) Attendance : 5%

Marks for attendance will be given as under:-

- (1) 91% onwards : 5 Marks
- (2) 81% to 90% : 4 Marks
- (3) 75% to 80% : 3 Marks
- (4) 70% to 74% : 2 Marks
- (5) 65% to 69% : 1 Marks

Reading List

1. Studies in Modern Indian Art – Ratan Parimoo
2. Moving Focus – K.G. Subrahmanyam
3. Pictorial Space – Geeta Kapoor
4. Modern Indian Art – Keshav Malik
5. Lalit Kala Contemporary
6. Lalit Kala Monographs
7. Contemporary Art in India : P.N. Mago
8. Contemporary Art – The Flamed Mosaic by Naviel Tuli
9. Contemporary Indian Art- GaytriSinha
10. Handbook of Indian Art- Sunil Khosa
11. Company Painting- Mildred Archer
12. Art of India- Fredrick M. Asher
13. Indian Painting for The British 1770-1880- Mildred Archer, W.G. Archer
14. Indian Miniatures in The India Office Library- Mildred Archer, Toby Falk
15. Contemporary Indian Art- Other realities- Yashodhara Dalmia
16. The Making of Modern Indian Art- The Progressives- Yashodhara Dalmia
17. Memory, Metaphor, Mutarions- Yashodhara Dalmia
18. Arts of India 1550-1900- John Guy, Deborah Swallow
19. Essays on contemporary practice in India- Geeta Kapoor
20. Triumph of Modernism- Partha Mitter
21. Flamed Mosaic- Neville Tuli
22. Kala Chitrkala- Vinod Bhardwaj
23. Char Chitrkaar- Ashok Mitra
24. Samkalin Kala- Dr. Ramviranjan
25. Chitrkalaka Rasaswadan- RamchandrShukl
26. Lalit Kala Ki Dhara- Asit Kumar Haldar

CO-PO mapping matrix for the course MFA-P-202 (Aesthetics and Art Appreciation)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10

MFA-P -202.1	3	1	3	1	1	1	2	1	2	0
MFA-P -202.2	3	1	3	1	2	1	2	1	2	0
MFA-P -202.3	3	1	3	1	2	1	2	1	2	0
MFA-P -202.4	3	1	3	1	1	1	2	1	2	0
Average	03	01	03	01	1.5	01	02	01	02	0

CO-PSO mapping matrix for the course MFA-P-202 (Aesthetics and Art Appreciation)

PSO	PSO1	PSO2	PSO3	PSO4
MFA-P -202.1	3	2	3	3
MFA-P -202.2	2	2	2	3
MFA-P -202.3	3	3	3	3
MFA-P -202.4	2	2	2	2
Average	2.5	2.25	2.5	2.75

DETAILED SYLLABUS (Practical)

Examination: **M.F.A. (Second Semester)**

MFA-P-203 Creative Painting

Candidate admitted in M.F.A. (Painting) will select any one of the above options as subject for specialization in all semester.

Time Allowed: 24 Hours

Max. Marks: 300 (Examination: 200, 100 Internal Assessment) **Credit: 12**

Medium: Oil Colours/Water Colours/Acrylic Colours/Clay/Tiles/Fibre Glass/Cement/ Waste Material etc.

Minimum Size: 36" x 36" / 30"x40"/For

Instructions:

- The examiner will evaluate the work of examinee on the last day of the examination and if the examiner did not turn up on the last day, the art work will be kept in sealed lock custody and as and when the examiner comes as his/her convenient date can evaluate the practical paper.
- Board of internal Examiner (Chairman, Internal and nominee of chairman) will evaluate the Sessional work.

Course Objectives:

The course encourages students to develop a critical and artistic temperament. The course offers opportunities to develop independent artistic thinking and aptitude for a rigorous studio practice.

Course Outcomes:

After completion of course student will be able

MFA.P.203.1. Ability to display critical awareness of art history and contemporary visual art practices and their interrelationship in the Indian and Western perspective

MFA.P.203.2. Develop personal approach to visualization, conceptualization and art creation.

MFA.P.203.3. Ability to explore diversity of conceptual and aesthetic approaches, styles and techniques.

MFA.P.203.4. Ability to demonstrate a sustained artistic engagement with socio-political realities, Indian Culture, Moral Values, Folk Tradition and intensive investigation of contemporary critical issues.

Course of Study

Advancement of previous experience towards a complete pictorial interpretation, theme and expression of mood, symbolism, dramatization, distortion for emotional effect including abstract expressionism, projects with emphasis on independent creative work.

a) Advanced Drawing

- Exploration of an individual approach to drawing as an aesthetic exercise of visual sign and symbol and locate your practice in the broader context of contemporary art
- Exercise of different drawing techniques of traditional and contemporary masters Exercise on application of different mediums both traditional and contemporary as a drawing tool
- Medium: pencil, charcoal, pastel, pen and ink, water colour Acrylic and oil, photocopy, impression, stencil, etc.

b) Composition

- Identify and synthesis the connection between process and concept in reference to collage/collision
- Exercise with different methods and traditions of representation of space, form and colour in reference to history and visual culture
- Medium: Develop, test and employ materials, process and mediums in a way that activates your ideas and concepts
-

Sessional Work for Creative Painting

1. No. of Assignments on Canvas : 08, Size- 30"x40" or 36"x36"
2. General sketches : 500
3. Colour Sketches : 25

CO-PO mapping matrix for the course MFA-P-205 Advance Composition

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA-P -203.1	3	2	2	1	2	3	2	1	3	1
MFA-P -203.2	3	2	2	1	2	3	2	1	3	1
MFA-P -203.3	3	2	2	1	2	3	1	1	3	1
MFA-P -203.4	3	2	2	1	2	3	1	1	3	1

Average	03	02	02	01	02	03	1.5	01	03	01
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CO-PSO mapping matrix for the course MFA-P-205 (Advance Composition)

PSO	PSO1	PSO2	PSO3	PSO4
MFA-P -203.1	2	3	3	3
MFA-P -203.2	3	2	2	3
MFA-P -203.3	3	3	2	3
MFA-P -203.4	2	2	2	3
Average	2.5	2.5	2.25	03

Second Semesters

MFA-P-204 (New Media Art) Max Marks: 100 Internal Assessment Credit - 4

Instructions

- (i) Any material can be used to create art work which support his/her artistic concept
- (iii) Viva-Voce will be conducted by Internal & External Examiner

Course Outcome

MFA.P.204.1 Enhance the skill of experimenting with media and materials in two- and three-dimensional processes, taking risks and improving technical skills to develop a personal artistic style.

MFA.P.204.2 Responsible, taking charge of their own development as practitioners, with an independent approach to the creative process.

MFA.P.204.3 Develop Reflective, recording ideas and critically evaluating their work as they continually review, refine and adapt.

MFA.P.204.4 Engaged, enriching their work by exploring different artists, movements and concepts. Innovative, combining approaches and techniques and developing the skills to solve problems creatively.

Course of Study –

This practice is based with the traditions of avant-garde processes and experimental art making, and responds to the rapid pace of technological development. Student have to create Two Art work/Project work i.e. Installation Art, Film and Video Art, Digital Art, Interactive Art, Performance Art, Animation Art, Immersive Installations Art, Kinetic Art, Light & Sound Art, by using modern technology, Electronic devices, with their core subject.

Students should also integrate the language of art and technology through an integrated and informed critical practice.

The Project work consist the report of working method of practical-based art work, on contemporary concept, performance studies, research finding with creative inputs in the constructed art work.

Note - Any material can be used to create art work which support his/her artistic concept.

New Media Art

New Media Art is an interdisciplinary and collaborative discipline that focuses on our relationship with technology, visual culture and performance in contemporary art. This practice is rooted in the traditions of avant-garde processes and to fine new methods of art making, and responds to the rapid pace of technological development.

Students in this program work closely with dedicated faculty and technicians to explore diverse methods of making in both the virtual and physical world. Projects challenge tradition and embrace new forms of aesthetic thinking, while all courses emphasize artistic excellence, active learning, and socially engaged practices. Students in this major enjoy adjacency to disciplines across the department and access to both digital and analog tools.

Whether it is installation, film and video, physical computing, performance based art, animation, immersive installations, sound art, sensing devices, or participatory media, our students integrate the language of art and technology through an integrated and informed critical practice.

Course of Study –

This practice is based with the traditions of avant-garde processes and experimental art making, and responds to the rapid pace of technological development. Student have to create Art work, by using traditional & modern technology, installation, film and video, physical structure, net-art, performance, animation, immersive installations, sound, devices, social practice, using these with their core subject, students should also integrate the language of art and technology through an integrated and informed critical practice.

The Project work consist the report of working this practice-based art work, based on contemporary concept, performance studies, research finding with creative inputs in the constructed art work.

EXPERIMENTAL ART

Experimentation with materials and processes builds confidence, and helps develop awareness of spatial, textural and colour relationships, which are fundamental to art and design. A skilful artist or designer selects the materials and processes that communicate their message in the most effective way.

Provides opportunities for learners to develop their personal practice, enrich their understanding of key concepts and improve their practical skills in a wide range of traditional and contemporary techniques. It allows learners to explore and build on their interests. The syllabus encourages independent expression and the development of a critical, reflective practice. It is designed to accommodate a wide range of abilities, materials and resources, and allows the different skills of teachers to be fully exploited.

Sessional Work for New Media-Experimental Art

- | | | |
|-----------------------|---|---------------------------------|
| 4. No. of Assignments | : | 2, Size- 30''X40'' or 36''x36'' |
| 5. General sketches | : | 500 |
| 6. Colour Sketches | : | 25 |

Credit:04

CO-PO mapping matrix for the course MFA-P-204 (New Media Art)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA-P -204.1	1	1	1	1	-	-	1	2	2	-
MFA-P-204.2	1	1	1	1	-	-	1	2	2	-
MFA-P -204.3	1	1	1	1	-	-	1	2	2	-
MFA-P -204.4	1	1	1	1	-	-	1	2	2	-
Average	1	1	1	1	-	-	1	2	2	-

CO-PSO mapping matrix for the course MFA-P-204 (New Media Art)

PSO	PSO1	PSO2	PSO3	PSO4
MFA-P -204.1	3	2	3	3
MFA-P-204.2	3	3	2	3
MFA-P 204.3	3	3	3	2
MFA-P -204.4	3	3	3	3

Average	3	2.75	2.75	2.75
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M.F.A. (FINE ARTS)
CHOICE BASED CREDIT SYESTEM (CBCS), Elective Paper

Sculpture (S), Semester: 2nd
(w.e.f. the academic session 2020-2021)

Examination: MFA 2nd Sem. (Elective)

Paper: MFA -205 Clay Modeling-I (Sculpture)

Time: 6 Hrs.

Max. Marks: 50

Credit-2

Course Outcome-

Paper: MFA -205Clay Modeling-I (Sculpture)	
Cos#	Course Outcome
MFA -205.1	knowledge to manipulate, integrate and use material to build three dimensional sculpture.
MFA -205.2	Understand to research form, materials and techniques as need by the direction of their sculptural work.
MFA -205.3	Observation and understanding of Natural objects transforming in sculpture art
MFA -205.4	Enhance the belongingness towards mother earth.

Basic Studies in specialized mediums of Caly Modeling

Details of course study:

Practical

1. Introduction to sculpture-basic elements and their relationships-sculptural exercises
2. Knowledge about the clay(preparation of clay)
3. Study of medium like clay with animals, birds, human figure (parts of body) and other object.(round & relief)

Size:-12"x12" x18"

Medium: Clay

Total No. of Assignment – 05 (10 marks each)

Table 2: CO – PO matrix for the course MFA -205 Clay Modeling-I (Sculpture)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA -205.1	2	1	-	1	1	-	-	-	2	-
MFA -205.2	1	2	-	2	-	2	-	-	2	-
MFA -205.3	2	2	1	2	2	2	1	1	2	-
MFA -205.4	1	2	1	1	1	3	2	1	2	-
Average	1.5	1.75	0.5	1.5	1	1.75	0.75	1	2	-

Table 3: CO – PSO matrix for the course MFA-304 Clay Modeling-I (Sculpture)

	PSO1	PSO2	PSO3	PSO4
MFA -205.1	2	3	1	2

MFA -205.2	3	3	2	3
MFA -205.3	2	3	2	1
MFA -205.4	2	2	2	3
Average	2.25	2.75	1.75	2.25

MA & M.F.A. (FINE ARTS)
CHOICE BASED CREDIT SYESTEM (CBCS), Elective Paper

Applied Arts (A)- Semester: 2nd
(w.e.f. the academic session 2020-21)

Examination: MFA 2nd Sem. (Elective)

Paper: MFA -E-205 Graphic Design-I (Applied Arts)

Time: 6 Hrs.

Max. Marks: 50

Credit-2

MFA-205 Graphic Design-I (Applied Arts)	
Cos#	Course Outcome
MFA -205.1	To introduce the basics and its need in communication design..
MFA -205.2	To understand various aspect of graphic design and using it in designing..
MFA -205.3	Understanding the relevance of design principals in historic and contemporary art & design.
MFA -205.4	Enhances scientific temperament by application of Design.

Details of course work:

Practical (Medium: Computer)

- | | |
|---|----------|
| 1. Stationary Set (Visiting Card, Envelope, Letter Head) Total No. of Assignment-3 | 15 Marks |
| 2. Logo Design/ Symbol/ Monogram/ Insignia: Total No. of assignment-3 | 15 Marks |
| 3. Illustration (Total no. of assignment-1book with 8 plates), Medium: Computer/ Hand Work. | 20 Marks |

Table 2: CO – PO matrix for the course MFA -205 – Graphic Design-I (Applied Arts)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA -205.1	2	1	-	1	1	-	1	-	2	-
MFA -205.2	1	2	-	2	-	2	-	-	2	-
MFA -205.3	2	2	2	2	2	2	1	1	2	1
MFA -205.4	1	2	2	1	1	3	2	1	2	-
Average	1.5	1.75	2	1.5	1	1.75	1	0.5	2	0.25

Table 3: CO – PO matrix for the course MFA -205- Graphic Design-I (Applied Arts)

	PSO1	PSO2	PSO3	PSO4
MFA -205.1	2	3	3	3

MFA -205.2	3	3	3	1
MFA -205.3	2	1	3	3
MFA -205.4	3	1	2	3
Average	2.5	2	2.75	2.5

M.F.A. (FINE ARTS)
CHOICE BASED CREDIT SYESTEM (CBCS), Elective Paper

Graphics- (Print Making) (G), Semester: 2nd
(w.e.f. the academic session 2020- 21)

Examination: MFA 2nd Sem. (Elective)

Paper: MFA –E-205 Relief Composition –I (Print Making)

Time: 6 Hrs.

Max. Marks: 50

Credit-2

MFA -205 Relief Composition (Print Making)	
Cos#	Course Outcome
MFA -205.1	Develop Artistic Ability with tools, materials and techniques inherent to basic printmaking processes.
MFA -205.2	Knowledge of solving visual problems with equal emphasis on combining both concept and physical process of Relief printmaking.
MFA -205.3	Understand and discuss the historical and contemporary role of relief printmaking in art, design & culture building.
MFA -205.4	Enhances the knowledge of Indian print culture & tradition.

Course of Study:

Basic Studies in specialized mediums of Printmaking

1. Printmaking emphasis on composition and individual technique working in all the following mediums.
 - (a) Relief Process (**No. of Assignment: 02, 25 Marks each**)
 - i. Selection of Materials, preparation of surface for various textures.
 - ii. Preparing design and transferring on selected materials, cutting of material and preparing the printing surface.
 - iii. Printing of prepared block. Determine registration for printing of editions.
 - iv. Woodcut Black & White Print method and Colour Wood cut Print method.
 - v. Relief Printing on other Surfaces. **Size: 8”x 8”**,

Table 2: CO – PO matrix for the course MFA -205 – Relief Composition(Print Making)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA -205.1	2	1	-	1	1	-	-	-	2	-

MFA -205.2	1	2	-	2	1	2	-	-	2	-
MFA -205.3	2	2	2	2	2	2	1	1	-	1
MFA -205.4	1	2	2	1	1	3	2	1	2	1
Average	1.5	1.75	2	1.5	1.25	1.75	1.5	1	2	1

Table 3: CO – PO matrix for the course MFA -205- Relief Composition(Print Making)

	PSO1	PSO2	PSO3	PSO4
MFA -205.1	2	3	3	3
MFA -205.2	3	3	3	1
MFA -205.3	2	2	3	3
MFA -205.4	3	1	2	3
Average	2.5	2.25	2.75	2.5

Kurukshetra University Kurukshetra

("A+" Grade, NAAC Accredited)

Department of Fine Arts

CHOICE BASED CREDIT SYSETEM (CBCS – LOCF Pattern)

Detail syllabus of Examinations M.F.A. (MASTER OF FINE ARTS), Painting

(w.e.f. the academic session 2021-22)

Examination: M.F.A. (Third Semester)

Time Allowed: 3 Hours Max. Marks : 80 & 20 Internal Assessment, **Credit: 04**

MFA-P-301 History of Modern Indian Art (Group A& P)

Instructions:

- No. of Questions to be set: 09 (02 Questions from each unit) and Question No. 01 is to be set from all over the Units i.e. short type Questions.
- No. of Questions to be attempted : 05 .Question No. 01 is compulsory
- All Questions will be of equal marks.

Course Objectives: Introduction to Modern Indian Art and study of Prominent Indian Artist

Course Outcomes: After completion of course student will be able

MFA.P.301.1 To identify the issues and challenges of modernism and nationalism in the Indian context.

MFA.P.301.2 Effective knowledge of Visual arts, for carrier development

MFA.P.301.3 Critical understanding of various modern art movements, art groups of India.

MFA.P.301.4 To develop a keen insight into the contribution of movements and artists in shaping modern art in India.

Course of Study

Unit-I

Company School, Establishments of Art Schools in India- Madras, Calcutta, Bombay, Lucknow.

Raja Ravi Verma, Amrita Shergil, RabindraNath Tagore

Unit-II

Bengal School: Abanindranath Tagore, Nandalal Bose, BinodBihariMukharjee,

Other Artists: Jamini Roy, Ram KinkarBaij, GaganendraNath Tagore,

Unit-III

Progressive Artist Group: S.H.Raza, F.N.Souza, K.H.Ara, M.F.Hussain,

Akbar Padamsee,

Delhi Shilpi Chakra. B.C.Sanyal, Krishan Khanna.

Neo-Tantricism: K.C.S. Panniker, BirenDey, G.R. Santhosh, P.T. Reddy.

Unit-IV

Abstract Trend: V.S. Gaitonde, Prabhakar Kolte.

Other important Artist Ram Kumar, Tyeb Mehta, Satish Gujral, A.Ramachandran,LaxmanPai, Manjit Bawa.

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

(i) Two handwritten Assignments : 10%
(1st Assignment after one month & 2nd after two months)

(ii) One Class Test(One period duration) : 5%

(iii) Attendance : 5%

Marks for attendance will be given as under:-

(1) 91% onwards	: 5 Marks	(4) 70% to 74% : 2 Marks
(2) 81% to 90%	: 4 Marks	(5) 65% to 69% : 1 Marks
(3) 75% to 80%	: 3 Marks	

Reading List

1. Studies in Modern Indian Art – Ratan Parimoo
2. Moving Focus – K.G. Subrahmanyam
3. Pictorial Space – Geeta Kapoor
4. Modern Indian Art – Keshav Malik
5. Lalit Kala Contemporary
6. Lalit Kala Monographs
7. Contemporary Art in India : P.N. Mago
8. Contemporary Art – The Flamed Mosaic by Naviel Tuli
9. Contemporary Indian Art- GaytriSinha
10. Handbook of Indian Art- Sunil Khosa
11. Company Painting- Mildred Archer
12. Art of India- Fredrick M. Asher
13. Indian Painting for The British 1770-1880- Mildred Archer, W.G. Archer
14. Indian Miniatures in The India Office Library- Mildred Archer, Toby Falk
15. Contemporary Indian Art- Other realities- Yashodhara Dalmia
16. The Making of Modern Indian Art- The Progressives-Yashodhara Dalmia
17. Memory, Metaphor, Mutarions- Yashodhara Dalmia
18. Arts of India 1550-1900- John Guy, Deborah Swallow
19. Essays on contemporary practice in India- Geeta Kapoor
20. Triumph of Modernism- Partha Mitter
21. Flamed Mosaic- Neville Tuli
22. Kala Chitrkala- Vinod Bhardwaj
23. Char Chitrkaar- Ashok Mitra
24. Samkalin Kala- Dr. Ramviranjan
25. Chitrkalaka Rasaswadan- RamchandrShukl
26. Lalit Kala Ki Dhara- Asit Kumar Haldar

CO-PO mapping matrix for the course MFA-P-301 (History of Modern Indian Art)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA-P -301.1	3	3	1	3	2	2	1	1	3	1
MFA-P -301.2	3	3	1	3	2	2	1	1	3	1
MFA-P -301.3	3	3	1	3	2	2	1	1	3	1
MFA-P -301.4	3	3	1	3	2	2	1	1	3	1
Average	03	03	01	03	02	02	01	01	03	01

CO-PSO mapping matrix for the course MFA-P-301 (History of Modern Indian Art)

PSO	PSO1	PSO2	PSO3	PSO4
MFA-P -301.1	3	3	2	3
MFA-P -301.2	3	3	2	3
MFA-P -301.3	3	2	3	3
MFA-P -301.4	3	2	3	3
Average	03	2.5	2.5	03

DETAILED SYLLABUS (Practical)

Examination: **M.F.A. (Third Semester)**

MFA-P-302

Practical: Creative Painting

Time Allowed: 24 Hours

Credit: 4

Max. Marks: 100 Internal Assessment

Medium: Oil Colours/Water Colours/Acrylic Colours/Clay/Tiles/Fibre Glass/Cement/ Waste Material etc.

Minimum Size: 36" x 36" / 30"x40"

Instructions:

- (i) The examiner will evaluate the work of examinee on the last day of the examination and if the examiner did not turn up on the last day, the art work will be kept in sealed lock custody and as and when the examiner comes as his/her convenient date can evaluate the practical paper.
- (ii) Board of internal Examiner (Chairman, Internal and nominee of chairman) will evaluate the Sessional work.

Course Objectives:

The course encourages students to develop a critical and artistic temperament. The course offers opportunities to develop independent artistic thinking and aptitude for a rigorous studio practice.

Course Outcome

MFA.P.302.1 Ability to display critical awareness of art history and contemporary visual art practices and their interrelationship in the Indian and Western perspective

MFA.P.302.2 Develop personal approach to visualization, conceptualization and art creation.

MFA.P.302.3 Ability to explore diversity of conceptual and aesthetic approaches, styles and techniques

MFA.P.302.4 Ability to demonstrate a sustained artistic engagement with socio-political realities, Indian Culture, Moral Values, Folk Tradition and intensive investigation of contemporary critical issues

Course of Study

Advancement of previous experience towards a complete pictorial interpretation, theme and expression of mood, symbolism, dramatization, distortion for emotional effect including abstract expressionism, projects with emphasis on independent creative work.

a) Advanced Drawing

- Exploration of an individual approach to drawing as an aesthetic exercise of visual sign and symbol and locate your practice in the broader context of contemporary art
- Exercise of different drawing techniques of traditional and contemporary masters Exercise on application of different mediums both traditional and contemporary as a drawing tool
- Medium: pencil, charcoal, pastel, pen and ink, water colour Acrylic and oil, photocopy, impression, stencil, etc.

b) Composition

- Identify and synthesis the connection between process and concept in reference to collage/collision
- Exercise with different methods and traditions of representation of space, form and colour in reference to history and visual culture
- Medium: Develop, test and employ materials, process and mediums in a way that activates your ideas and concepts

Sessional Work for Creative Painting

1. No. of Assignments on Canvas : 08, Size- 30"x40" or 36"x36"
2. General sketches : 500
3. Colour Sketches : 25

CO-PO mapping matrix for the course MFA-P-304 (Creative Composition)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA-P -302.1	3	2	2	1	2	3	2	1	3	1
MFA-P -302.2	3	2	2	1	2	3	2	1	3	1
MFA-P -302.3	3	2	2	1	2	3	1	1	3	1
MFA-P -302.4	3	2	2	1	2	3	1	1	3	1
Average	03	02	02	01	02	03	1.5	01	03	01

CO-PSO mapping matrix for the course MFA-P-304 (Creative Composition)

PSO	PSO1	PSO2	PSO3	PSO4
MFA-P -302.1	3	2	2	3
MFA-P -302.2	3	3	2	3
MFA-P -302.3	2	2	3	3
MFA-P -302.4	1	3	2	3
Average	2.25	2.5	2.25	03

MFA – P –303 (New Media Art) Credit - 4**Max Marks: 100****Instructions**

- (ii) Any material can be used to create art work which support his/her artistic concept
- (iii) Display of his/her own Art work done during 1st and 2nd Semester will be conducted in the end of 2nd semester.
- (iii) Viva-Voce will be conducted by Internal & External Examiner

Course Outcome

MFA.P.303.1 Enhance the skill of experimenting with media and materials in two- and three-dimensional processes, taking risks and improving technical skills to develop a personal artistic style.

MFA.P.303.2 Responsible, taking charge of their own development as practitioners, with an independent approach to the creative process.

MFA.P.303.3 Develop Reflective, recording ideas and critically evaluating their work as they continually review, refine and adapt.

MFA.P.303.4 Engaged, enriching their work by exploring different artists, movements and concepts. Innovative, combining approaches and techniques and developing the skills to solve problems creatively.

Course of Study –This practice is based with the traditions of avant-garde processes and experimental art making, and responds to the rapid pace of technological development. Student have to create Two Art work/Project work i.e. Installation Art, Film and Video Art, Digital Art, Interactive Art, Performance Art, Animation Art, Immersive Installations Art,

Kinetic Art, Light & Sound Art, by using modern technology, Electronic devices, with their core subject.

Students should also integrate the language of art and technology through an integrated and informed critical practice.

The Project work consist the report of working method of practical-based art work, on contemporary concept, performance studies, research finding with creative inputs in the constructed art work.

Note - Any material can be used to create art work which support his/her artistic concept.

New Media Art

New Media Art is an interdisciplinary and collaborative discipline that focuses on our relationship with technology, visual culture and performance in contemporary art. This practice is rooted in the traditions of avant-garde processes and to fine new methods of art making, and responds to the rapid pace of technological development.

Students in this program work closely with dedicated faculty and technicians to explore diverse methods of making in both the virtual and physical world. Projects challenge tradition and embrace new forms of aesthetic thinking, while all courses emphasize artistic excellence, active learning, and socially engaged practices. Students in this major enjoy adjacency to disciplines across the department and access to both digital and analog tools.

Whether it is installation, film and video, physical computing, performance based art, animation, immersive installations, sound art, sensing devices, or participatory media, our students integrate the language of art and technology through an integrated and informed critical practice

Course of Study –This practice is based with the traditions of avant-garde processes and experimental art making, and responds to the rapid pace of technological development. Student have to create Art work, by using traditional & modern technology, installation, film and video, physical structure, net-art, performance, animation, immersive installations, sound, devices, social practice, using these with their core subject, students should also integrate the language of art and technology through an integrated and informed critical practice.

The Project work consist the report of working this practice-based art work, based on contemporary concept, performance studies, research finding with creative inputs in the constructed art work.

EXPERIMENTAL ART

Experimentation with materials and processes builds confidence, and helps develop awareness of spatial, textural and colour relationships, which are fundamental to art and design. A skilful artist or designer selects the materials and processes that communicate their message in the most effective way.

Provides opportunities for learners to develop their personal practice, enrich their understanding of key concepts and improve their practical skills in a wide range of traditional and contemporary techniques. It allows learners to explore and build on their interests. The syllabus encourages independent expression and the development of a critical, reflective practice. It is designed to accommodate a wide range of abilities, materials and resources, and allows the different skills of teachers to be fully exploited.

Sessional Work for New Media-Experimental Art

- | | | |
|-----------------------|---|-----------------------------|
| 7. No. of Assignments | : | 2, Size- 30"X40" or 36"x36" |
| 8. General sketches | : | 500 |
| 9. Colour Sketches | : | 25 |

CO-PO mapping matrix for the course MFA-P-303 (New Media Art)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA-P-303.1	3	2	2	1	2	3	2	1	3	1
MFA-P-303.2	3	2	2	1	2	3	2	1	3	1
MFA-P -303.3	3	2	2	1	2	3	1	1	3	1
MFA-P-303.4	3	2	2	1	2	3	1	1	3	1
Average	3	2	2	1	2	3	1.5	1	3	1

CO-PSO mapping matrix for the course MFA-P-303 (New Media Art)

PSO	PSO1	PSO2	PSO3	PSO4
MFA-P -303.1	2	3	3	3
MFA-P -303.2	3	2	2	3
MFA-P -303.3	3	3	2	3
MFA-P -303.4	2	2	2	3
Average	2.5	2.5	2.25	3

Sculpture (S), Semester: 3rd

Examination: MFA 3rd Sem. (Elective)

Paper: MFA -E-304 Clay Modeling-II (Sculpture)

Time: 6 Hrs.

Max. Marks: 50

Credit-2

Course Outcome-

Paper: MFA -304 Clay Modeling-II (Sculpture)	
Cos#	Course Outcome
MFA -304.1	Develop Clay Modeling skills with different medium and handling the techniques
MFA -304.2	Understand to research form, materials and techniques as need by the direction of their sculptural work.
MFA-304.3	Inculcation of visual communication by using Clay Modeling
MFA -304.4	Imparting knowledge of using natural and metal materials for execution of mural works.

Basic Studies in specialized mediums of Clay Modeling-II

Details of course study:

Practical

1. Knowledge about technique and using clay modeling tools for portrait & composition (round & relief)
2. Knowledge about pottery in clay.
3. Fabrication finishing , colouring and polishing
4. Size 12"x12"x18
5. Medium : Clay
6. Total No. of Assignment – 05 (10 marks each)

Table 2: CO – PO matrix for the course MFA -304 Clay Modeling-II (Sculpture)

Cos#	PO1	PO2	PO3	PO4	PO	PO	PO	PO8	PO9	PO1
MFA -304.1	2	3	1	1	-	2	-	-	3	-
MFA -304.2	2	3	1	-	1	2	-	-	3	-
MFA -304.3	2	1	-	1	-	2	1	-	1	-
MFA -304.4	2	2	-	2	-	2	-	-	2	-
MFA -304.1	2	2.25	0.5	1	1	2	1	-	2.25	-

Table 3: CO – PSO matrix for the course MFA -304 Clay Modeling-II (Sculpture)

	PSO1	PSO2	PSO3	PSO4
MFA -304.1	2	3	1	2
MFA -304.2	2	3	2	2
MFA -304.3	3	3	2	1
MFA -304.4	2	2	2	3

Average	2.25	2.75	1.75	2
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Applied Arts (A)- Semester: 3rd
(w.e.f. the academic session 2021-22)

Examination: MFA 3rd Sem. (Elective)

Paper: MFA –E-304 Graphic Design-II

Time: 6 Hrs.

Max. Marks: 50

Credit-2

Paper: MFA -304 Graphic Design-II (Applied Art)	
Cos#	Course Outcome
MFA -304.1	To understand and develop the basics skill for designing of outdoor media and indoor media..
MFA -304.2	To develop graphic design concepts based work with creative approaches and techniques..
MFA -304.3	To Understand type of graphic design work required for specified purpose.
MFA -304.4	Enhances scientific temperament by application of Design s.

Details of course work:

Practical (Medium: Computer)

- | | |
|---|----------|
| 1. Poster (Total no. of assignment-2) | 20 Marks |
| 2. Hoarding/ Banner. -(Total no. of assignment-1) | 10 Marks |
| Catalogue/ Folder & Invitation etc. (Total no. of assignment-2) | 20 Marks |

Table 2: CO – PO matrix for the course MFA-304 Graphic Design-II (Applied Art)

Cos#	PO1	PO2	PO3	PO4	PO	PO	PO	PO8	PO9	PO1
MFA -304.1	2	3	-	1	-	2	-	-	3	-
MFA -304.2	2	3	-	-	1	2	-	-	3	-
MFA -304.3	2	1	2	1	-	2	1	1	2	1
MFA -304.4	2	2	-	2	-	2	1	-	2	-
Average	1	2.25	2	1	1	2	0.5	0.25	2.5	0.25

Table 3: CO – PSO matrix for the course MFA -304 Graphic Design-II (Applied Art)

	PSO1	PSO2	PSO3	PSO4
MFA -304.1	2	3	1	2
MFA -304.2	2	3	2	2
MFA -304.3	2	3	2	3
MFA -304.4	2	2	2	3
Average	2	2.75	1.75	2.5

Graphics- (Print Making) (G), Semester: 3rd
(w.e.f. the academic session 2021-22)

Examination: MFA 3rd Sem. (Elective)

Paper: MFA –E-304

Intaglio Composition-II (Print Making)

Time: 6 Hrs.

Max. Marks: 50

Credit-2

Paper: MFA -304 Intaglio Composition (Print Making)	
Cos#	Course Outcome
MFA -305.1	Develop creative ways to solve problems using a variety of strategies for making prints by intaglio processes.
MFA -305.2	Enhancing to Create personal hand-printed artwork, which demonstrate an introductory level of understanding printmaking ideas, and the processes, materials, and techniques associated with different method.
MFA -305.3	Establish self-critiquing skills to develop autonomous expression through printmaking.
MFA -305.4	Scientific and logical knowledge of reproduction of art works.

Basic Studies in specialized mediums of Printmaking

1. Intaglio Printmaking process emphasis on composition and individual technique working in the following medium.
 - i. Intaglio Process (Etching, Dry point & Aquatint), Selection of materials preparations and application of dry and liquid grounds. Study of various chemicals and mordents.
 - ii. Preparation of composition on plate with various experiments for textural and tonal values. Different techniques like Dry Point, Etching & Aquatint.
 - iii. Different Printing techniques, with the help of Rollers, Stencils and Inks.
 - iv. Art Work Size: 8" x 8"
 - v. (No. of Assignment: 02, 25 Marks each)

Table 2: CO – PO matrix for the course MFA -304 Intaglio Composition (Print Making)

Cos#	PO1	PO2	PO3	PO4	PO	PO	PO	PO8	PO9	PO1
MFA -305.1	2	3	-	1	-	2	-	-	3	-
MFA -305.2	2	3	-	-	1	2	-	-	3	-
MFA -305.3	1	1	2	1	-	2	1	-	2	1
MFA -305.4	2	2	-	2	-	2	-	-	2	-
Average	1.75	2.25	2	1.34	1	2	1	-	2.5	1

Table 3: CO – PSO matrix for the course MFA -304 Intaglio Composition (Print Making)

	PSO1	PSO2	PSO3	PSO4
MFA -305.1	2	3	1	2
MFA -305.2	2	3	2	2
MFA -305.3	2	3	2	1
MFA -305.4	2	2	2	3
Average	2	2.75	1.75	2

Kurukshetra University Kurukshetra
(“A+” Grade, NAAC Accredited)
Department of Fine Arts
CHOICE BASED CREDIT SYSTEM (CBCS – LOCF Pattern)
Scheme of Examinations M.F.A. (MASTER OF FINE ARTS), Painting –
(w.e.f. the academic session 2021-22)

Examination: M.F.A. (Fourth Semester)

Time Allowed: 3 Hours Max. Marks : 80 & 20 Internal Assessment, **Credit:04**

MFA-P-401 History of Modern Indian Art (Group A& P)

Instructions:

- (i) No. of Questions to be set: 09 (02 Questions from each unit) and Question No. 01 is to be set from all over the Units i.e. short type Questions.
- (ii) No. of Questions to be attempted : 05 .Question No. 01 is compulsory
- (iii) All Questions will be of equal marks.

Course Learning Outcomes: After completion of course student will be able;

MFA.P.401.1 To develop a keen insight into the contribution of movements and artists in shaping modern art in India.

MFA.P.401.2 Introduction to postmodern art and theories. Analytical study of some of the prominent artists of post- independence.

MFA.P.401.3 Identify and analyze the discourse of postmodernism and its relevance to visual art practice.

MFA.P.401.4 Critical understanding of the work of some of the seminal post-70s artists of Indian Art to develop a critical understanding of the transitions from modernism to postmodernism and Contemporary art trends and enhancement in the knowledge of Folk Art , Tribal Art and Indian Culture.

Course of Study

Unit-I

Baroda Narratives: N.S. Bendre, Jyoti Bhatt, GhulamMohammad Sheikh, K.G. Subramanyan, BhupenKhakkar.Group1890: J.Swaminathan, Jeram Patel

Unit-II

Bengal Famine: Chittaprosad, SomnathHore
Calcutta Group: ParitoshSen, Bikash Bhattacharya, Ganesh Pyne, JogenChoudhary

Unit-III

Women Artist: NaliniMalani, AnjoliElaMenon, Arpana Kaur, Gogi Saroj Paul, Meera Mukharjee, Nilima Shaikh
Printmakers: Laxma Gaud, Krishna Reddy, AnupamSood, Jagmohan Chopra.

Unit-IV

Academic Sculptors: D.P. Roy Choudhary, Shanko Choudhary, Dhanraj Bhagat, Nagji Patel, S. Nanda Gopal, Ram V. Sutaar, Dhruv Mistri.**Different Medium:** Mrinalni Mukherjee(Woven sculpture) and Subodh Gupta(Installation).

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

- (i) Two handwritten Assignments : 10%

(1st Assignment after one month & 2nd after two months)

(ii) One Class Test (One period duration) : 5%

(iii) Attendance : 5%

Marks for attendance will be given as under:-

(1) 91% onwards : 5 Marks

(4) 70% to 74% : 2 Marks

(2) 81% to 90% : 4 Marks

(5) 65% to 69% : 1 Marks

(3) 75% to 80% : 3 Marks

Reading List

1. Studies in Modern Indian Art – Ratan Parimoo
2. Moving Focus – K.G. Subrahmanyam
3. Pictorial Space – Geeta Kapoor
4. Modern Indian Art – Keshav Malik
5. Lalit Kala Contemporary
6. Lalit Kala Monographs
7. Contemporary Art in India : P.N. Mago
8. Contemporary Art – The Flamed Mosaic by Naviel Tuli
9. Contemporary Indian Art- Gaytri Sinha
10. Handbook of Indian Art- Sunil Khosa
11. Company Painting- Mildred Archer
12. Art of India- Fredrick M. Asher
13. Indian Painting for The British 1770-1880- Mildred Archer, W.G. Archer
14. Indian Miniatures in The India Office Library- Mildred Archer, Toby Falk
15. Contemporary Indian Art- Other realities- Yashodhara Dalmia
16. The Making of Modern Indian Art- The Progressives-Yashodhara Dalmia
17. Memory, Metaphor, Mutations- Yashodhara Dalmia
18. Arts of India 1550-1900- John Guy, Deborah Swallow
19. Essays on contemporary practice in India- Geeta Kapoor
20. Triumph of Modernism- Partha Mitter
21. Flamed Mosaic- Neville Tuli
22. Kala Chitrkala- Vinod Bhardwaj
23. Char Chitrkaar- Ashok Mitra
24. Samkalin Kala- Dr. Ramviranjan
25. Chitrkalaka Rasaswadan- Ramchandr Shukl
26. Lalit Kala Ki Dhara- Asit Kumar Haldar

CO-PO mapping matrix for the course MFA-P-401(History of Modern Indian Art)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA-P -401.1	3	3	1	3	2	2	1	1	3	1
MFA-P -401.2	3	3	1	3	2	2	1	1	3	1
MFA-P -401.3	3	3	1	3	2	2	1	1	3	1
MFA-P -401.4	3	3	1	3	2	2	1	1	3	1
Average	03	03	01	03	02	02	01	01	03	01

CO-PSO mapping matrix for the course MFA-P-401(History of Modern Indian Art)

	PSO1	PSO2	PSO3	PSO4
MFA-P -401.1	3	3	2	3

MFA-P -401.2	3	3	2	3
MFA-P -401.3	3	2	3	3
MFA-P -401.4	3	2	3	3
Average	03	2.5	2.5	03

DETAILED SYLLABUS

Examination: **M.F.A. (Fourth Semester)**

Credit:04

MFA-P-402-: (Group A, P, G & S)

Dissertation Max. Marks 100

Drawing & Painting (w.e.f. the academic session 2020-21)

Examination:MFA Fourth semester

MFA-P -402: Dissertation MM :100

Credit – 04

Instructions:

Synopsis presentation & approval of subject – August.

Presentation & Seminar - January.

Final submission – 31st March.

The evaluation of Dissertation and Viva-voce will be conducted by External & Internal Examiner.

Course Outcomes:

MFA.P.402.1 Ability to develop a research aptitude and engage with monuments of historical significance, archeological sites or any other space or site of cultural importance.

MFA.P.402.2 Research ability to engage critically with social issues and develop a project.

MFA.P.402.3 Ability to develop research methodology and writing skills to review an Archeological site, Monument or Museums.

Course of Study

- (i) A critical and analytical aspect of Painting, Applied Arts, Sculpture, Graphics (Print Making) etc.
- (ii) A critical and analytical aspect of History of Art and Indian Art & Culture,.
- (iii) Folk, Tribal Art and Popular form of Art.
- (iv) Concept of Aesthetics, Philosophy and Indian Mythology in context of art .
- (v) Artist (Traditional, Modern and Contemporary)
- (vi) New trends in Contemporary Art.
- (vii) Any other new relevant topic including experimentation etc.
- (viii) Aesthetics, Philosophy and Indian Mythology in context of art .
- (ix) Artist (Traditional, Modern and Contemporary)
- (x) New trends in Contemporary Art.
- (xi) Any other new relevant topic including experimentation etc.

CO-PO mapping matrix for the course MFA-P-402 (Dissertation)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA-P -402.1	3	3	1	3	2	2	1	1	3	1
MFA-P-402.2	2	2	1	3	2	2	1	1	3	1
MFA-P -402.3	3	3	1	2	2	1	1	1	3	1
MFA-P -402.4	3	2	1	3	2	2	1	1	3	1
Average	2.75	2.5	1	2.75	2	1.75	2	2	3	1

CO-PSO mapping matrix for the course MFA-P-402 (Dissertation)

PSO	PSO1	PSO2	PSO3	PSO4
MFA-P -402.1	3	3	2	3
MFA-P -402.2	3	3	2	3
MFA-P -402.3	3	2	3	3
MFA-P -402.4	3	2	3	3
Average	3	2.5	2.5	3

DETAILED SYLLABUS (Practical)Examination: **M.F.A. (Fourth Semester)****MFA-P-403(Group A)****Creative Painting****Time Allowed: 24 Hours**Max. Marks: 300 (Sessional: 100 and Examination: 200) **Credit: 12**

Medium: Oil Colours/Water Colours/Acrylic Colours/Clay/Tiles/Fibre Glass/Cement/ Waste Material etc.

Minimum Size: 36" x 36" / 30"x40"

Candidate admitted in M.F.A. (Painting) will select any one of the above options subject for specialization in all semester.

Instructions:

- (i) The examiner will evaluate the work of examinee on the last day of the examination and if the examiner did not turn up on the last day, the art work will be kept in sealed lock custody and as and when the examiner comes as his/her convenient date can evaluate the practical paper.

- (ii) Board of internal Examiner (Chairman, Internal and nominee of chairman) will evaluate the Sessional work.

Course Objectives:

The course encourages students to develop a critical and artistic temperament. The course offers opportunities to develop independent artistic thinking and aptitude for a rigorous studio practice.

Course Objectives:

1. Experimentation. Rigorous studio practice based on preparatory studies.
2. The course encourages students to develop creative ways to solve aesthetic and structural problems in developing an individual expression.
3. Develop critical and imaginative thinking to engage with socio-political and environmental concerns.

Course Outcome

MFA.P.403.1 Ability to display critical awareness of art history and contemporary visual art practices and their interrelationship in the Indian and Western perspective

MFA.P.403.2 Develop personal approach to visualization, conceptualization and art creation.

MFA.P.403.3 Ability to explore diversity of conceptual and aesthetic approaches, styles and techniques

MFA.P.403.4 Ability to demonstrate a sustained artistic engagement with socio-political realities, Indian Culture, Moral Values, Folk Tradition and intensive investigation of contemporary critical issues

Course of Study

Advancement of previous experience towards a complete pictorial interpretation, theme and expression of mood, symbolism, dramatization, distortion for emotional effect including abstract expressionism, projects with emphasis on independent creative work.

a) Advanced Drawing

- Exploration of an individual approach to drawing as an aesthetic exercise of visual sign and symbol and locate your practice in the broader context of contemporary art
- Exercise of different drawing techniques of traditional and contemporary masters Exercise on application of different mediums both traditional and contemporary as a drawing tool
- Medium: pencil, charcoal, pastel, pen and ink, water colour Acrylic and oil, photocopy, impression, stencil, etc.

b) Composition

- Identify and synthesis the connection between process and concept in reference to collage/collision
- Exercise with different methods and traditions of representation of space, form and colour in reference to history and visual culture
- Medium: Develop, test and employ materials, process and mediums in a way that activates your ideas and concepts

Sessional Work for Creative Painting

4. No. of Assignments on Canvas : 08, Size- 30"x40" or 36"x36"

5. General sketches : 500
6. Colour Sketches : 25

CO-PO mapping matrix for the course MFA-P-403 (Creative Composition)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA-P -403.1	3	2	2	1	2	3	2	1	3	1
MFA-P -403.2	3	2	2	1	2	3	2	1	3	1
MFA-P -403.3	3	2	2	1	2	3	1	1	3	1
MFA-P -403.4	3	2	2	1	2	3	1	1	3	1
Average	03	02	02	01	02	03	1.5	01	03	01

CO-PSO mapping matrix for the course MFA-P-403 (Creative Composition)

PSO	PSO1	PSO2	PSO3	PSO4
MFA-P -403.1	3	2	2	3
MFA-P -403.2	3	3	2	3
MFA-P -403.3	2	2	3	3
MFA-P -403.4	2	3	2	3
Average	2.5	2.5	2.25	03

Examination: MFA (Fourth Semester)

Paper:- MFA-P-404 (Exhibition+Viva-voice+Report)

Max Marks: 100 (50+25+25) **Credit : 4**

Instructions

- One Solo Exhibition of his/her own Art work done during 1st 2nd 3rd & 4th Semester will be conducted at the end of 4th semester. Internal Examiner will evaluate their technical & aesthetics performance of each candidate at the time of exhibition.
- Viva-Voice will be conducted by Internal & External Examiner.
- A Seminar paper will be present in seminar on topic related to Painting /Applied Art/Sculpture/ Graphics. Candidate can choose his/her own journey of during study & new invention and experimental asp

Course Outcome

MFA-P-404.1 This practice will encourage students to give presentation in front of an intellectual audience. Students will able to give presentation about their artworks and the other cultural ventures of our country.

MFA-P-404.3 In is exhibit the art work & balance of Art Gallery , Art expression, Create a seminar about sculpture art, Preparing and write on art work, presentation & seminar.

MFA-P-404.4 Improve communication skills through researching, writing, and formal presentation

CO-PO mapping matrix for the course MFA-P-404 (Exhibition +Viva –voce +Report)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA-P -404.1	2	2	1	1	-	3	1	3	3	-
MFA-P-404.2	2	2	1	1	-	3	1	3	3	-
MFA-P-404.3	3	2	1	1	-	3	1	2	3	-
MFA-P-404.4	2	2	1	1	-	2	1	2	3	-
Average	2.25	2	1	1	-	2.75	1	2.5	3	-

CO-PSO mapping matrix for the course MFA-P-404 (Exhibition +Viva –voce + Report)

PSO	PSO1	PSO2	PSO3	PSO4
MFA-P -404.1	3	3	3	3
MFA-P -404.2	3	3	3	3
MFA-P -404.3	2	3	2	2
MFA-P -404.4	2	3	2	3
Average	2.5	3	2.5	2.75

Table 4 : CO-PO-PSO mapping matrix for all the courses of MFA – Painting (P)

Course Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4
MFA-P-101	01	01	01	01	0	0	01	02	02	0	03	2.75	2.75	2.75
MFA-P-102	03	02	03	02	2.25	01	2.75	02	03	01	2.5	2.25	2.5	2.75
MFA-P-103	03	02	02	01	02	03	1.5	01	03	01	2.5	2.5	2.25	03
MFA-P-104	3	2.25	1	1.5	2	1.75	1	2	3	-	2.25	2.5	2.75	3
MFA-P-201	01	01	01	01	0	0	01	02	02	0	3	03	2.75	2.75
MFA-P-202	03	01	03	01	1.5	01	02	01	02	0	2.5	2.25	2.5	2.75

MFA-P-203	03	02	02	01	02	03	1.5	01	03	01	2.5	2.5	2.25	03
MFA-P-204	1	1	1	1	-	-	1	2	2	-	3	2.75	2.75	2.75
MFA-E-205	2	1.75	2	1.5	0.75	1.75	0.75	0.25	2	-	2.75	2.25	2.75	2.5
MFA-OE-206	1	2	0.75	1.5	0.75	2	0.5	1.25	3	-	2.5	2.5	2.75	2.25
MFA-P-301	03	03	01	03	02	02	01	01	03	1	03	2.5	2.5	03
MFA-P-302	03	02	02	01	02	03	1.5	01	03	01	2.25	2.5	2.25	03
MFA-P-303	3	2	2	1	2	3	1.5	1	3	1	2.5	2.5	2.25	3
MFA-E-304	1.75	2.25	0.5	1	0.5	2	1	0.5	2.5	0.25	2	2.75	1.75	2.5
MFA-OE-305	1	1.75	0.75	1.25	0.75	2	0.5	1.25	2.5	-	2.75	2.75	2.75	2.5
MFA-P-401	03	03	01	03	02	02	01	01	03	01	03	2.5	2.5	03
MFA-P-402	2.75	2.5	1	2.75	2	1.75	2	2	3	1	3	2.5	2.5	3
MFA-P-403	03	02	02	01	02	03	1.5	01	03	01	2.5	2.5	2.25	03
MFA-P-404	2.25	2	1	1	-	2.75	1	2.5	3	-	2.5	3	2.5	2.75

Kurukshetra University Kurukshetra
 ("A+" Grade, NAAC Accredited)
Department of Fine Arts
CHOICE BASED CREDIT SYESTEM (CBCS-LOCF Pattern)
Scheme of Examinations M.F.A. Sculpture
 (w.e.f. the academic session 2020-21 onwards)

1st Semester

S No.	Course Code	Course Nomenclature	Nature of Course	Contact Hours per Week		Examination Marks				Total Marks	Credit	Duration of Exam (in Hours)
						Theory		Practical				
				T	P	Internal Asst.	Examination	Internal Asst.	Examination			
1	MFA-P-101	History of Modern Western Art	Theory	4	-	20	80	-	-	100	4	3
2	MFA-S-102	Technical Theory of Sculpture	Theory	4	-	20	80	-	-	100	4	3
3	MFA-S -103	Option I- Creative Sculpture, OR Option II- Figurative Sculpture	Practical	-	24	-	-	100	-	100	4	-
4	MFA-S-104	New Media Art	Practical	-	24	-	-	100	-	100	4	-
				8	48	-	-	-	-	400	16	-

2nd Semester

Sr. No.	Course Code	Course Nomenclature	Nature of Course	Contact Hours per Week		Examination Marks				Total Marks	Credit	Duration of Exam (in Hours)
						Theory		Practical				
				T	P	Internal Asst.	Examination	Internal Asst.	Examination			
1	MFA-P-201	History of Modern Western Art	Theory	4	-	20	80	-	-	100	4	3
2	MFA-S-202	Technical Theory of Sculpture	Theory	4	-	20	80	-	-	100	4	3
3	MFA-S-203	Option I- Creative Sculpture, OR Option II- Figurative Sculpture)	Practical	-	24	-	-	100	200	300	12	30
4	MFA-S-204	New Media Art	Practical	-	24	-	-	100	-	100	4	-
5	MFA-E-205	Pictorial Composition I/Graphic Design-I/ Relief Composition-1 (Elective)	Practical	-	2	-	-	50	-	50	2	6
6	MFA-OE-206	Fundamental of Visual Arts-I Open Elective	Practical & Theory	-	2	-	-	10	40	50	2	6
				8	52	-	-	-	-	700	28	-

3rd Semester

Scheme of Examinations Master of Fine Art (MFA) Specialization- Sculpture (w. e. f. the academic session 2021-2022 onwards)												
Sr. No.	Course Code	Course Nomenclature	Nature of Course	Contact Hours per Week		Examination Marks				Total Marks	Credit	Duration of Exam (in Hours)
						Theory		Practical				
				T	P	Internal Asst.	Examination	Internal Asst.	Examination			
1	MFA-S- 301	History of Modern Sculpture (Western)	Theory	04	-	20	80	-	-	100	04	03
2	MFA - S-302	Option I- Creative Sculpture, OR Option II- Figurative Sculpture)	Practical	-	24	-	-	100	-	100	04	-
3	MFA -S- 303	New Media Art	Practical	-	24	-	-	100	-	100	04	-
4	MFA -E-304	(Composition-II/ Graphic Design-II/ Intaglio Composition-II (Elective)	Practical	-	02	-	-	50	-	50	02	6
5	MFA-OE-305	Fundamental of Visual Arts-II Open Elective	Practical & Theory	-	02	-	-	10	40	50	02	6
				04	52	-	-	-	-	400	16	-

4th Semester

Sr. No.	Course Code	Course Nomenclature	Nature of Course	Contact Hours per Week		Examination Marks				Total Marks	Credit	Duration of Exam (in Hours)
						Theory		Practical				
				T	P	Internal Asst.	Examination	Internal Asst	Examination			
1	MFA - S - 401	History of Modern Sculpture(Indian)	Theory	04	-	20	80	-	-	100	04	03
2	MFA -S - 402	Dissertation	-	-	-	-	100	-	-	100	04	-
3	MFA -S- 403	Option I- Creative Sculpture, OR Option II- Figurative Sculpture	Practical	-	24	-	-	100	200	300	12	30
4	MFA - S- 404	Exhibition +Viva -voice +Report	Practical	-	24	-	50+25 +25	100	-	100	04	-
				4	48					600	24	-

Grand Total of All Semesters = **2100** Grand Total of all credits = **84**

*Practical Examination will be conducted in Even Semester i.e. 2nd, 4th only.

* *The Final submission of dissertation (402) and Viva-voce will be conducted in 4th Semester.

*** Open Elective (to be opted from other department of the faculty only)

**** Paper no. 103, 104, 302, 303 will be evaluated by the internal examiner/ committee.

Kurukshetra University Kurukshetra
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Department of Fine Arts
CHOICE BASED CREDIT SYESTEM (CBCS)
Detail Syllabus of Examinations M.F.A. Sculpture (w.e.f. the academic session 2020-21 onwards)

Examination: M.F.A. (First Semester)

Paper: MFA-P-101 (Common for Group A,P,S & G)

Theory: History of Modern Western Arts

For Instructions & Detail Syllabus please see the syllabus of Paper MFA-P-101

Examination: M.F.A. (First Semester)

Paper:- MFA-S -102 Technical Theory of Sculpture

Time Allowed: 3 Hours Max. Marks : 80 & 20 Internal Assessment Credit : 4

Instructions:

- (i) No. of Questions to be set: 09 (02 Questions from each unit) and Question No. 01 is to be set from all over the Units i.e. short type Questions.
- (ii) No. of Questions to be attempted : 05 .Question No. 01 is compulsory
- (iii) All Questions will be of equal marks.

Course Outcome

MFA-S -102.1 Knowledge of the scientific and logical chemical and natural behavior of paint on metal techniques

MFA-S -102.2 Students will have knowledge traditional and modern techniques casting process different temperaments of the furnaces.

MFA-S -102.3 Students will understand the value of our Ancient, Modern casting process for sculpting, right proportion of the material

MFA-S -102.3 Knowledge Modern techniques with moral values towards our Art and casting, carving.

Course of Study

Unit-I (Metal Casting)

Types of metal, Lost wax process (Cire Perdue), Dogra/ Baster/ Sand casting process, The Built-up runner & investment, Patina & Coloring,

Unit-II

Knowledge about foundry, Pit blast furnace, Blast furnace, Gas furnace, Coal furnace, Diesel furnaces, Mould baking Procedure,

Unit-III

Cement concrete casting, , P.O.P. casting, Fiber glass casting, Paper pulp casting. Papermeshy, Ceramic Mural.

Unit-IV

Stone carving techniques on marble, sand stone, & granite, Understanding about stone carving techniques and tool, Wood carving techniques according to the maquette, Understanding about wood carving techniques and tool, Colouring on wood & seasoning

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

- | | | |
|---|---|-----|
| (i) Two handwritten Assignments | : | 50% |
| (1st Assignment after one month & 2nd after two months) | | |
| (ii) One Class Test (One period duration) | : | 25% |
| (iii) Attendance | : | 25% |

Marks for attendance will be given as under:-

(1) 91% onwards	:	5 Marks	(4) 70% to 74%	:	2 Marks
(2) 81% to 90%	:	4 Marks	(5) 65% to 69%	:	1 Marks
(3) 75% to 80%	:	3 Marks			

Suggested books-

- 1 Masterpieces of Indian Bronze& Metal sculpture Rustam J. Mehta
- 2 Sculpting in steel and other metals- Arthur Zaidenberg
- 3 Modeling a figure in clay –Albert pounteney
- 4 Principles of metal casting – Richard W. Heine & Philip C. Rosenthal
- 5 Manual of Direct Metal Sculpture – Thames and Hudson
- 6 Sculpture of primitive man – Warner Muensterberger
- 7 George Segal – Sem hunter/Don howthorne
- 8 Early Chola Bronze – Douglas Barrett
- 9 Contemporary Stone Sculpture – Donaz Meilach
- 10 Marino Marini – A.M. Hammacher
- 11 Birbhum Terracottas – Lalit kala Academy
- 12 Terracottas of Bengal – S.S. Biswas
- 13 Masterpieces of Indian Terracottas – M.K. Dhavalikar
- 14 Sculpture in plastic arts – Nicholas Roukas
- 15 Modern Sculpture – Harbeart Read
- 16 The complete sculpture of Barbara Hepworth – Alan
- 17 Masterpieces of western sculpture – Howard Hibbard
- 18 Calder – H.H.Arnason

CO-PO mapping matrix for the course MFA-S-102 (Technical Theory of Sculpture)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA-S -102.1	2	2	2	1	1	2	-	3	3	-
MFA-S -102.2	2	2	1	1	2	2	-	1	3	-
MFA-S -102.3	2	2	1	1	2	3	-	2	3	-
MFA-S -102.4	1	2	1	1	1	2	-	1	3	-
Average	1.75	2	1.25	1	1.5	2.25	-	1.75	4	-

CO-PSO mapping matrix for the course MFA-S-102 (Technical Theory of Sculpture)

PSO	PSO1	PSO2	PSO3	PSO4
MFA-S -102.1	3	3	3	2
MFA-S -102.2	2	2	2	3
MFA-S -102.3	3	3	3	3
MFA-S -102.4	2	2	2	2
Average	2.5	2.5	2.5	2.5

DETAILED SYLLABUS (Practical)

Examination: M.F.A. First Semester

Paper:- MFA-S-103 (Practical) Option I- Creative Sculpture,

OR

Option II- Figurative Sculpture

Max. Marks: – 100 Internal Assessment

Credit: 04

Candidate admitted in M.F.A. (Sculpture) will select any one of the following option for practical subjects for specialization in all semester.

Option I- Creative Sculpture OR Option II- Figurative Sculpture

(i) Creative Sculpture,

(a) Monumental Sculpture, or (b) Functional Sculpture or (c) Mural
OR

(ii) Figurative Sculpture,

(a) Monumental Sculpture, or (b) Functional Sculpture, or(c) Mural

Medium: Clay, plaster, Wood, Stone, Metal, Terra cotta, etc

Minimum Size: 36" x 36"x 36"

Instructions:

- (i) Board of internal Examiner (Chairman, Internal and nominee of chairman) will evaluate the Sessional work at the end of semester.

Sessional Work

- | | |
|-----------------------|-------|
| 1. No. of Assignments | : 4 |
| 2. sketches | : 250 |

Course Outcome

MFA-S-103.1 Students will learn the pictorial representation of sculptures with different Expressions and emotion moods focusing on current scenario.

MFA-S-103.2 The students will understand the indirect depiction of contemporary national-international issues through this art form which will lead to understand the concept of nationalism and many more.

MFA-S-103.3 Students will learn about the figurative depiction of their thoughts which will help viewers to connect with the artist and artwork very easily.

MFA-S-103.4 The realistic, idealist and naturalistic depiction will enhance the skills and esthetic sense of the student

Course of Study

OPTION-I: CREATIVE SCULPTURE

Advancement of previous experience towards a complete pictorial interpretation, theme and expression of mood, symbolism, dramatization, distortion for emotional effect including abstract expressionism, projects with emphasis on independent creative work.

OPTION-II: FIGURATIVE SCULPTURE

*Student interested in figures may work with figurative forms; these forms may realistic semi-realistic, idealistic, naturalistic, stylized etc.

*Student must be focused to his/her concept/theme/subject and style also.

* Student is free to choose any of the materials available to him/her suitable to his design.

PORTRAITURE-

Study from heads of different age groups showing characteristics, vitality, resemblance etc.

Study of contemporary masters of portraiture like Rodin, Despiau, Marino Marini, Epstein, Ramkinkar Baij, Sarbari Roy Choudhari.

Treatment of a head bust with drapery suitable for bronze and stone one each.

Develop the skill of handling and treating clay in various ways suitable to portraiture.

Develop the knowledge and practice of casting, coloring, patina (for Metal Sculpture) and carving.

MONUMENTAL SCULPTURE-

Proper understanding of monumental and environmental sculpture

Proper study of landscape and cityscape

Exercises of making small size designs, maquettes containing monumental quality.

Understanding of the materials suitable for this subject.

Acquiring proper technical and theoretical knowledge and skill to handle the material
exhaustion, enlargement of design etc.

FUNCTIONAL SCULPTURE-

This subject covers a large and widespread area of designing related to our day to day life.

Designing related to beautification of interior/exterior of a house or building, household
appliances, furniture's etc.

Designing related to specific site, location and our surrounding/ environment development.

Designing related to parks, gardens, railway station and other public places like school, college, universities etc.

Designing of a functional sculpture means designing sculpture which is useful, serviceable,

Convenient, comfortable and economical.

Functional sculpture should contain functionalism, it means function should determine design
but design must be practical, attractive, innovative and eco-friendly.

The selection of material must be suitable to the design, function and environment and should
be enough supportive to each other also.

CO-PO mapping matrix for the course MFA-S-103 (Option I- Creative Sculpture OR Option II Figurative Sculpture)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA-S -103.1	2	3	1	2	1	3	-	1	3	-
MFA-S -103.2	2	2	-	2	-	3	1	2	3	-
MFA-S -103.3	1	2	1	-	-	2	-	1	3	-
MFA-S -103.4	1	1	1	2	2	-	1	1	3	-
Average	1	2	0.75	1.5	0.75	2	0.5	1.25	3	-

CO-PSO mapping matrix for the course MFA-S-103 (Option I- Creative Sculpture OR Option II Figurative Sculpture)

PSO	PSO1	PSO2	PSO3	PSO4
MFA-S -103.1	3	2	3	2
MFA-S -103.2	3	3	3	2
MFA-S -103.3	2	3	2	3
MFA-S -103.4	3	3	3	3
Average	2.75	2.75	2.75	2.5

Kurukshetra University Kurukshetra

("A+" Grade, NAAC Accredited)

Department of Fine Arts

CHOICE BASED CREDIT SYSTEM (CBCS)

DETAILED SYLLABUS of Examinations M.F.A. (MASTER OF FINE ARTS), Sculpture (w. e. f. the academic session 2020-21 onwards)

DETAILED SYLLABUS (Practical)

Examination : M.F.A. (First Semester)

Paper : MFA-S- 104 (Group S)

Max. Marks : 100 Internal Assessment

Size : As per requirements.

Practical: New Media Art

Credit – 4

Instructions:

The examiner will evaluate the work of examinee at the end of semester.

- (i) Internal examiner will evaluate the Sessional work.
- (ii) Any material can be used to create art work which support his/her artistic concept.

COURSE OUTCOMES:

- MFA-S-104.1** Develops the artistic skill to work interdisciplinary and collaborative discipline that focuses on our relationship with technology, visual culture, emotion, and performance in contemporary art.
- MFA-S-104.2** Enhances the knowledge to find possibilities of creating artwork using emerging technologies within the context of a hands-on studio art environment
- MFA-S-104.3** This inculcates to execute projects challenge, tradition and embrace new forms of aesthetic thinking.
- MFA-S-104.4** Inculcates the Moral values with emotional intelligence through the knowledge of art and aesthetics.

Course of Study:-

This practice is based with the traditions of avant-garde processes and experimental art making, and responds to the rapid pace of technological development. Student have to create Two Art work/Project work i.e. Installation Art, Film and Video Art, Junk Sculpture , Digital Art, Interactive Art, Performance Art, Animation Art, Immersive Installations Art, Kinetic Art, Light & Sound Art, by using modern technology, Electronic devices, with their core subject.

Students should also integrate the language of art and technology through an integrated and informed critical practice.

The Project work consist the report of working method of practical-based art work, on contemporary concept, performance studies, research finding with creative inputs in the constructed art work.

Sessional Work for New Media Art

- 1. No. of Assignments : 2,
- 2. General sketches : 500

CO-PO mapping matrix for the course MFA-5-104 (Name of the Course: New Media Art)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA-S -104.1	3	2	1	1	2	2	1	2	3	-
MFA-S -104.2	3	2	1	2	2	2	1	2	3	-
MFA-S -104.3	3	3	1	2	2	1	1	2	3	-
MFA-S -104.4	3	2	1	1	2	2	1	2	3	-
Average	3	2.25	1	1.5	2	1.75	1	2	3	-

CO-PSO mapping matrix for the course MFA-S-104 (Name of the Course: New Media Art)

PSO	PSO1	PSO2	PSO3	PSO4
MFA-S -104.1	3	2	3	3
MFA-S -104.2	2	3	3	3
MFA-S -104.3	2	3	3	3
MFA-S -104.4	2	2	2	3
Average	2.25	2.5	2.75	3

Kurukshetra University Kurukshetra
(“A+” Grade, NAAC Accredited)
Department of Fine Arts
CHOICE BASED CREDIT SYESTEM (CBCS)

Detail Syllabas of Examinations M.F.A. Sculpture (w.e.f. the academic session 2020-21)

Examination: M.F.A. (Second Semester)

Paper:- MFA-P-201 (Common for Group A,P,S & G) History of Modern Western Art

Max. Marks : 80 & 20 Internal Assessment

Credit : 4

(See the syllabus of MFA group-P)

Examination: M.F.A. (Second Semester)

Paper:- MFA-S- 202 Technical Theory of Sculpture

Time Allowed: 3 Hours

Max. Marks : 80 & 20 Internal Assessment

Credit 4

Instructions:

(i) No. of Questions to be set: 09 (02 Questions from each unit) and Question No. 01 is to be set from all over the Units i.e. short type Questions.

(ii) No. of Questions to be attempted : 05 .Question No. 01 is compulsory

All Questions will be of equal marks.

Course Outcome

MFA-S- 202.1 Knowledge about the medium and techniques of Sculpture, like making moulds, material casting, clay slip etc.

MFA-S- 202.2 Knowledge of the scientific and logical are fiberglass mould, casting, using ceramic cell, welding, stoneware and different kinds of glazing , firing etc.

MFA-S- 202.3 This will enhance the scientific and logical knowledge Temperament of welding, knowledge of welding sculpting, process of metal casting, is done by flow process.

MFA-S- 202.4 Knowledge of medium Technical term importance to sculpting.

Course of Study

Unit-I

Waste molding and casting, Piece molding and casting,
Piece &Mother molding and casting, Flexible molds, Fiber glass mold

Unit-II

Casting a piece mold with slip, Pressing a piece mold with clay,
Ceramic shell casting, Separators, Types of clay

Unit-III

Oxyacetylene welding, ARC welding,
MIG/TIG welding, Gravity process metal casting, Flow process metal casting.

Unit-IV

Acquiring proper knowledge of theory of firing and glazing. Acquiring proper knowledge of making several kinds of bodies earthenware and stoneware and glazes
Acquiring proper knowledge about firing methods, different kilns, country kiln, wood firing, gas firing, oil firing, and coal firing kilns.

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

- | | | |
|--|---|-----|
| (i) Two handwritten Assignments | : | 50% |
| (1st Assignment after one month &
2nd after two months) | | |
| (ii) One Class Test (One period duration) | : | 25% |

- (iii) Attendance : 25%
- Marks for attendance will be given as under:-
- | | | | |
|-----------------|-----------|----------------|-----------|
| (1) 91% onwards | : 5 Marks | (4) 70% to 74% | : 2 Marks |
| (2) 81% to 90% | : 4 Marks | (5) 65% to 69% | : 1 Marks |
| (3) 75% to 80% | : 3 Marks | | |

Suggested books-

- 1 Masterpieces of Indian Bronze& Metal sculpture Rustam J. Mehta
- 2 Sculpting in steel and other metals- Arthur Zaidenberg
- 3 Modeling a figure in clay –Albert pounteney
- 4 Principles of metal casting – Richard W. Heine & Philip C. Rosenthal
- 5 Manual of Direct Metal Sculpture – Thames and Hudson
- 6 Sculpture of primitive man – Warner Muensterberger
- 7 George Segal – Sem hunter/Don howthorne
- 8 Early Chola Bronze – Douglas Barrett
- 9 Contemporary Stone Sculpture – Donaz

CO-PO mapping matrix for the course MFA-S-202 (Technical Theory of Sculpture)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA-S -202.1	2	2	-	-	-	3	2	1	3	-
MFA-S -202.2	2	2	-	-	-	2	2	1	3	-
MFA-S -202.3	1	2	-	-	-	1	1	1	3	-
MFA-S -202.4	2	2	-	-	-	3	1	1	3	-
Average	1.75	2	-	-	-	2.25	1.5	1	3	-

CO-PSO mapping matrix for the course MFA-S-202 (Technical Theory of Sculpture)

PSO	PSO1	PSO2	PSO3	PSO4
MFA-S -202.1	2	3	3	3
MFA-S -202.2	3	2	2	3
MFA-S -202.3	3	3	2	3
MFA-S -202.4	2	2	2	3
Average	2.5	2.5	2.25	3

DETAILED SYLLABUS (Practical)

Examination: M.F.A. Second Semester

Paper:- MFA-S-203 (Practical) Option I- Creative Sculpture,
OR
Option II- Figurative Sculpture

Maximum Marks : 300 (External Marks :200 + Internal Marks :100)

Sessional Work

Credit - 12

Time: 30 Hours

1. No. of Assignments : 4
2. sketches : 250

Course Outcome

MFA-S-203.1 Students will learn the pictorial representation of sculptures with different Expressions and emotion moods focusing on current scenario.

- MFA-S-203.2** The students will understand the indirect depiction of contemporary national-international issues through this art form which will lead to understand the concept of nationalism and many more.
- MFA-S-203.3** Students will learn about the figurative depiction of their thoughts which will help viewers to connect with the artist and artwork very easily.
- MFA-S-203.4** The realistic, idealist and naturalistic depiction will enhance the skills and esthetic sense of the student

CO-PO mapping matrix for the course MFA-S-203 (Option I- Creative Sculpture OR Option II Figurative Sculpture)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA-S -203.1	2	3	1	2	1	3	-	1	3	1
MFA-S -203.2	2	2	-	2	-	3	1	2	3	-
MFA-S -203.3	1	2	1	-	-	2	-	1	3	-
MFA-S -203.4	1	1	1	2	-	3	1	1	3	-
Average	2	2	0.75	1.5	1.25	2.25	0.5	1.25	3	0.25

CO-PSO mapping matrix for the course MFA-S-203 (Option I- Creative Sculpture OR Option II Figurative Sculpture)

PSO	PSO1	PSO2	PSO3	PSO4
MFA-S -203.1	3	2	3	2
MFA-S -203.2	3	3	3	2
MFA-S -203.3	2	3	3	3
MFA-S -203.4	3	3	3	2
Average	2.75	2.75	3	2.25

DETAILED SYLLABUS (Practical)

Examination : **M.FA. (Second Semester)**

Paper : **MFA-S- 204 (Group S)**

Max. Marks : **100 Internal Assessment**

Size : As per requirements

Practical: **New Media Art**

Credit – 04

Instructions:

- The examiner will evaluate the work of examinee at the end of semester.
- Internal examiner will evaluate the Sessional work.
- Any material can be used to create art work which support his/her artistic concept.

COURSE OUTCOMES:

- MFA-S-204.1** Ability to enhance visual sophistication and interpretation through the development of craftsmanship, the refinement of conceptual issues, and the expansion of artistic awareness.
- MFA-S-204.2** Enhance the Knowledge of handling New Art method, equipments, and other communication inputs.
- MFA-S-204.3** Ability to plan, conceptualize and execute an original and creative work of New Media Art.
- MFA-S-204.4** Enhance the Knowledge of visual and physical interaction at a New Media interface.

New Media Art is an interdisciplinary and collaborative discipline that focuses on our relationship with technology, visual culture and performance in contemporary art. This practice is rooted in the traditions of avant-garde processes and to fine new methods of art making, and responds to the rapid pace of technological development.

Students in this program work closely with dedicated faculty and technicians to explore diverse methods of making in both the virtual and physical world. Projects challenge tradition and embrace new forms of aesthetic thinking, while all courses emphasize artistic excellence, active learning, and socially engaged practices. Students in this major enjoy adjacency to disciplines across the department and access to both digital and analog tools.

Whether it is installation, film and video, advance Value of outdoor indoor sculpture, physical computing, performance based art, animation, immersive installations, sound art, sensing devices, or participatory media, our students integrate the language of art and technology through an integrated and informed critical practice.

Course of Study –

This practice is based with the traditions of avant-garde processes and experimental art making, and responds to the rapid pace of technological development. Student have to create Art work, by using traditional & modern technology, installation, film and video, physical structure, net-art, performance, animation, immersive installations, sound, devices, social practice, using these with their core subject, students should also integrate the language of art and technology through an integrated and informed critical practice.

The Project work consist the report of working this practice-based art work, based on contemporary concept, performance studies, research finding with creative inputs in the constructed art work.

Sessional Work for New Media Art

3. No. of Assignments : 2,
4. General sketches : 500
- 5.

CO-PO mapping matrix for the course MFA-S-204 (New Media Art)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA-S -204.1	1	1	1	1	-	-	1	2	2	-
MFA-S -204.2	1	1	1	1	-	-	1	2	2	-
MFA-S -204.3	1	1	1	1	-	-	1	2	2	-
MFA-S -204.4	1	1	1	1	-	-	1	2	2	-
Average	1	1	1	1	-	-	1	2	2	-

CO-PSO mapping matrix for the course MFA-S-204 (New Media Art)

PSO	PSO1	PSO2	PSO3	PSO4
MFA-S -204.1	3	2	3	3
MFA-S -204.2	3	3	2	3
MFA-S -204.3	3	3	3	2
MFA-S -204.4	3	3	3	3
Average	3	2.75	2.75	2.75

Kurukshetra University, Kurukshetra
M.F.A. (FINE ARTS)
CHOICE BASED CREDIT SYESTEM (CBCS), Elective Paper

Painting (A), Semester: 2nd
(w.e.f. the academic session 2020-21)

Examination: MFA 2nd Sem. (Elective)

Paper: MFA-E -205

Pictorial Composition-I(Painting)

Time: 6 Hrs.

Max. Marks: 50

Credit-

2

MFA -205 Pictorial Composition I (Painting)	
Cos#	Course Outcome
MFA -205.1	Practicing and creating art with different painting medium and developing artistic skill.
MFA -205.2	Functional knowledge of tradition, conventions, and evolution of the discipline as related to issue of representation and illusion.
MFA -205.3	Ability to synthesize the use of drawing, two dimensional compositions and colour
MFA -205.4	Enhances the emotional intelligence.

Basic Studies in specialized mediums of Pictorial Composition-I

Syllabus of Elective

1. Study of Landscape

Medium –Pastel/ Poster/ water colour/ Oil Colour/ Acrylic Colour.

Size- ½ Size and ¼ Size

Total Number of Assignment - 2

Marks : 20

2. Study of Indian Miniature and Folk art

Size – ¼ and ½ Imp.

Total Number of assignment - 2

Marks : 20

3. Copy of famous art work

Size (2”x2”) paper on canvas

Medium – oil colour, acrylic, poster colour

Total no. of assignment - 1

Marks : 10

Table 2: CO – PO matrix for the course MFA -205 – Pictorial Composition I (Painting)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA -205.1	2	1	-	1	1	-	-	-	2	-
MFA -205.2	3	2	-	2	-	2	-	-	2	-
MFA -205.3	2	2	2	2	1	2	1	-	-	-
MFA -205.4	1	2	2	1	1	3	2	1	2	-
Average	2	1.75	2	1.5	0.75	1.75	0.75	0.25	2	-

Table 3: CO – PO matrix for the course MFA – A/G/S-205 Pictorial Composition I (Painting)

	PSO1	PSO2	PSO3	PSO4
MFA -205.1	2	3	3	3
MFA -205.2	3	3	3	1
MFA -205.3	3	2	3	3
MFA -205.4	3	1	2	3
Average	2.75	2.25	2.75	2.5

MA & M.F.A. (FINE ARTS)
CHOICE BASED CREDIT SYESTEM (CBCS), Elective Paper

Applied Arts (A)- Semester: 2nd
(w.e.f. the academic session 2020-21)

Examination: MFA 2nd Sem. (Elective)

Paper: MFA-E-205 Graphic Design-I (Applied Arts)

Time: 6 Hrs.

Max. Marks: 50

Credit-2

MFA -205 Graphic Design-I (Applied Arts)	
Cos#	Course Outcome
MFA -205.1	To introduce the basics and its need in communication design..
MFA -205.2	To understand various aspect of graphic design and using it in designing..
MFA -205.3	Understanding the relevance of design principals in historic and contemporary art & design.
MFA -205.4	Enhances scientific temperament by application of Design.

Details of course work:

Practical (Medium: Computer)

- | | |
|---|----------|
| 1. Stationary Set (Visiting Card, Envelope, Letter Head) Total No. of Assignment-3 | 15 Marks |
| 2. Logo Design/ Symbol/ Monogram/ Insignia: Total No. of assignment-3 | 15 Marks |
| 3. Illustration (Total no. of assignment-1book with 8 plates), Medium: Computer/ Hand Work. | 20 Marks |

Table 2: CO – PO matrix for the course MFA -205 – Graphic Design-I (Applied Arts)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA -205.1	2	1	-	1	1	-	1	-	2	-
MFA -205.2	1	2	-	2	-	2	-	-	2	-
MFA -205.3	2	2	2	2	2	2	1	1	2	1
MFA -205.4	1	2	2	1	1	3	2	1	2	-
Average	1.5	1.75	2	1.5	1	1.75	1	0.5	2	0.25

Table 3: CO – PO matrix for the course MFA -205- Graphic Design-I (Applied Arts)

	PSO1	PSO2	PSO3	PSO4
--	------	------	------	------

MFA -205.1	2	3	3	3
MFA -205.2	3	3	3	1
MFA -205.3	2	1	3	3
MFA -205.4	3	1	2	3
Average	2.5	2	2.75	2.5

M.F.A. (FINE ARTS)
CHOICE BASED CREDIT SYESTEM (CBCS), Elective Paper

Graphics- (Print Making) (G), Semester: 2nd
(w.e.f. the academic session 2020- 21)

Examination: MFA 2nd Sem. (Elective)

Paper: MFA-E-205 Relief Composition-I (Print Making)

Time: 6 Hrs.

Max. Marks: 50

Credit-2

MFA -205 Relief Composition (Print Making)	
Cos#	Course Outcome
MFA -205.1	Develop Artistic Ability with tools, materials and techniques inherent to basic printmaking processes.
MFA -205.2	Knowledge of solving visual problems with equal emphasis on combining both concept and physical process of Relief printmaking.
MFA -205.3	Understand and discuss the historical and contemporary role of relief printmaking in art, design & culture building.
MFA -205.4	Enhances the knowledge of Indian print culture & tradition.

Course of Study:

Basic Studies in specialized mediums of Printmaking

1. Printmaking emphasis on composition and individual technique working in all the following mediums.

(a) Relief Process (No. of Assignment: 02, 25 Marks each)

- i. Selection of Materials, preparation of surface for various textures.
- ii. Preparing design and transferring on selected materials, cutting of material and preparing the printing surface.
- iii. Printing of prepared block. Determine registration for printing of editions.
- iv. Woodcut Black & White Print method and Colour Wood cut Print method.
- v. Relief Printing on other Surfaces. **Size: 8"x 8"**,

Table 2: CO – PO matrix for the course MFA-205 – Relief Composition(Print Making)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA -205.1	2	1	-	1	1	-	-	-	2	-

MFA -205.2	1	2	-	2	1	2	-	-	2	-
MFA -205.3	2	2	2	2	2	2	1	1	-	1
MFA -205.4	1	2	2	1	1	3	2	1	2	1
Average	1.5	1.75	2	1.5	1.25	1.75	1.5	1	2	1

Table 3: CO – PO matrix for the course MFA-205- Relief Composition(Print Making)

	PSO1	PSO2	PSO3	PSO4
MFA -205.1	2	3	3	3
MFA -205.2	3	3	3	1
MFA -205.3	2	2	3	3
MFA -205.4	3	1	2	3
Average	2.5	2.25	2.75	2.5

Kurukshetra University Kurukshetra
 ("A+" Grade, NAAC Accredited)
Department of Fine Arts
 CHOICE BASED CREDIT SYESTEM (CBCS)
Scheme of Examinations M.F.A. Sculpture
 (w.e.f. the academic session 2020-22 onwards)

Examination :M.F.A (Third Semester)

Paper:- MFA-S-301 History of Modern Sculpture (Western)

Time Allowed: 3 Hours Max. Marks : 80 & 20 Internal Assessment

Credit: 4

Instructions:

- (i) No. of Questions to be set: 09 (02 Questions from each unit) and Question No. 01 is to be set from all over the Units i.e. short type Questions.

- 2 No. of Questions to be attempted : 05 .Question No. 01 is compulsory

All Questions will be of equal marks.

Course Outcome

MFA-S-301.1 Students will learn about the different sculptors to new ideas for sculpting.

MFA-S-301.2 Students will learn about the different area of sculpture making in western world & the individualism of artists.

MFA-S-301.3 American sculptors this will help students to learn western world, their transitions and how they are different from us.

MFA-S-301.3 knowledge of postmodern contemporary Artist It will develop the skill to identify the importance and beauty of different places around the world including India

Course of Study

Unit-I 19th & 20th century Sculptors- Auguste Rodin, Marino Marini, Ernst Barlach, Constantin Brancusi, Marcel Duchamp, Tatlin.

Unit-II Individualism and modern Concept, Age of Experimentation, Jacob Epstein, Alexander Calder, Henry moore, Alberto Giacometti,

Unit-IIIAmerican Sculptors- David Smith, Sol Lewitt, Bruce Nauman, Joseph Cornell, Mark Di Suvero, Claes Oldenburg.

Unit-IV

New Trends and concept of monumental Modernist & Contemporary Sculptors- Anish Kapoor, Jeff Koons, Damien Hirst, Hepworth Barbara,

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

- (i) Two handwritten Assignments : 50%
(1st Assignment after one month & 2nd after two months)
 - (ii) One Class Test (One period duration) : 25%
 - (iii) Attendance : 25%
- Marks for attendance will be given as under:-
- (1) 91% onwards : 5 Marks
 - (2) 81% to 90% : 4 Marks
 - (3) 75% to 80% : 3 Marks
 - (4) 70% to 74% : 2 Marks
 - (5) 65% to 69% : 1 Marks

Suggested Reading Books

1. Werner Haftmann Alfred Hentzen William S. Lieberman
edited by Andrew Carnduff Ritchie, German art of the twentieth century, The Museum of Modern Art, New York in collaboration with The City Art Museum of St. Louis, Missouri, distributed by Simon and Schuster, New York
- 2 L. Lippart – Pop Art.
- 3 J. Rewald – History of impressionism – Museum of Modern Art, New York.
- 4 Herbert Road – A concise History of Modern Painting.
- 5 William Vaughan – Romantic Art.
- 6 Arnason: History of Modern Art.
- 7 Hamilton – Painting & Sculpture in Europe – 1880-1940.
- 8 Cold water: Primitivism in Modern Art.
- 9 Marcel Jean – A History of Surrealist Painting (Comprehensive Study)
- 10 Rosenblum – Cubism and 20th Century Art.
- 11 Sculptor – Dictionary of Abstract Art.
- 12 Goodrich and Baur – American Art of the Twentieth Century, 1962.

CO-PO mapping matrix for the course MFA-S-301 (History of Modern Sculpture Western)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA-S -301.1	3	2	1	1	1	2	1	2	3	-
MFA-S -301.2	3	2	1	2	1	2	1	1	3	-
MFA-S -301.3	3	3	1	2	-	1	1	1	3	-
MFA-S -301.4	3	2	1	1	-	2	1	2	3	-
Average	3	2.25	1	1.5	0.5	1.75	1	1.5	3	-

CO-PSO mapping matrix for the course MFA-S-301 (History of Modern Sculpture (Western)

PSO	PSO1	PSO2	PSO3	PSO4
MFA-S -301.1	2	3	3	3
MFA-S -301.2	3	2	2	3
MFA-S -301.3	3	3	2	3
MFA-S -301.4	2	2	2	3
Average	2.5	2.5	2.25	3

DETAILED SYLLABUS (Practical)Examination: **M.F.A. (Third Semester)****Option I-** Creative Sculpture OR **Option II-** Figurative Sculpture**Paper:- MFA-S-302 (Practical)**Time Allowed: 24 Hrs. Max. Marks : 100 Internal Assessment **Credit: 4**

Medium : Clay, Plaster, Wood, Stone, Metal.

Sessional Work

1. No. of Assignments : 4
2. sketches : 250

Course Outcome**MFA-S-302.1** Students will learn the pictorial representation of sculptures with different Expressions and emotion moods focusing on current scenario.**MFA-S-302.2** The students will understand the indirect depiction of contemporary national-international issues through this art form which will lead to understand the concept of nationalism and many more.**MFA-S-302.3** Students will learn about the figurative depiction of their thoughts which will help viewers to connect with the artist and artwork very easily.**MFA-S-302.4** The realistic, idealist and naturalistic depiction will enhance the skills and esthetic sense of the student**CO-PO mapping matrix for the course MFA-S-302 (Option I- Creative Sculpture OR Option II Figurative Sculpture)**

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA-S -302.1	2	3	1	2	1	3	-	1	3	1
MFA-S -302.2	2	2	-	2	-	3	1	2	3	-
MFA-S -302.3	1	2	1	-	-	2	-	1	3	-
MFA-S -302.4	1	1	1	2	-	3	1	1	3	-
Average	1.5	2	0.75	1.5	0.25	2.75	0.5	1.25	3	0.25

CO-PSO mapping matrix for the course MFA-S-302 (Option I- Creative Sculpture OR Option II Figurative Sculpture)

PSO	PSO1	PSO2	PSO3	PSO4
MFA-S -302.1	3	2	3	3
MFA-S -302.2	3	3	3	2
MFA-S -302.3	2	3	3	3
MFA-S -302.4	3	3	3	2
Average	2.75	2.75	3	2.5

Kurukshetra University Kurukshetra
(“A+” Grade, NAAC Accredited)
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CHOICE BASED CREDIT SYESTEM (CBCS)
Scheme of Examinations M.F.A. (MASTER OF FINE ARTS), Sculpture
(w. e. f. the academic session 2021-22onwards)

DETAILED SYLLABUS (Practical)

Examination : **MFA. (Third Semester)**
Paper : **MFA-S-303 (Group S)** Practical: **New Media Art**
Max. Marks : 100 Internal Assessment **Credit – 4**
Size: As per requirements.

Instructions:

- (i) The examiner will evaluate the work of examinee at the end of semester.
- (ii) Internal examiner will evaluate the Sessional work.
- (iii) Any material can be used to create art work which support his/her artistic concept.

COURSE OUTCOMES:

- MFA-S-303.1** Enhance the skill of experimenting with media and materials in two- and three-dimensional processes, taking risks and improving technical skills to develop a personal artistic style.
- MFA-S-303.2** Responsible, taking charge of their own development as practitioners, with an independent approach to the creative process.
- MFA-S-303.3** Develop Reflective, recording ideas and critically evaluating their work as they continually review, refine and adapt.
- MFA-S-303.4** Engaged, enriching their work by exploring different artists, movements and concepts. Innovative, combining approaches and techniques and developing the skills to solve problems creatively.

Experimentation with materials and processes builds confidence, and helps develop awareness of spatial, textural and colour relationships, which are fundamental to art and design. A skilful artist or designer selects the materials and processes that communicate their message in the most effective way.

Provides opportunities for learners to develop their personal practice, enrich their understanding of key concepts and improve their practical skills in a wide range of traditional and contemporary techniques. It allows learners to explore and build on their interests. The syllabus encourages independent expression and the development of a critical, reflective practice. It is designed to accommodate a wide range of abilities, materials and resources, and allows the different skills of teachers to be fully exploited.

Course of Study –

This practice is based with the traditions of avant-garde processes and experimental art making, and responds to the rapid pace of technological development. Student have to create Art work, by using traditional & modern technology, installation, photography project, film and video, physical structure, net-art, performance, animation, immersive installations, sound, devices, social practice, using these with their core subject, students should also integrate the language of art and technology through an integrated and informed critical practice.

The Project work consist the report of working this practice-based art work, based on contemporary concept, performance studies, research finding with creative inputs in the constructed art work.

Sessional Work for New Media Art

- | | | |
|-----------------------|---|-----|
| 1. No. of Assignments | : | 2, |
| 2. General sketches | : | 500 |

CO-PO mapping matrix for the course MFA-S-303 (New Media Art)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA-S -303.1	3	2	2	1	2	3	2	1	3	1
MFA-S -303.2	3	2	2	1	2	3	2	1	3	1
MFA-S -303.3	3	2	2	1	2	3	1	1	3	1
MFA-S -303.4	3	2	2	1	2	3	1	1	3	1
Average	3	2	2	1	2	3	1.5	1	3	1

CO-PSO mapping matrix for the course MFA-S-303 (New Media Art)

PSO	PSO1	PSO2	PSO3	PSO4
MFA-S -303.1	2	3	3	3
MFA-S -303.2	3	2	2	3
MFA-S -303.3	3	3	2	3
MFA-S -303.4	2	2	2	3
Average	2.5	2.5	2.25	3

Painting (A), Semester: 3rd
(w.e.f. the academic session 2021-22)

Examination: MFA 3rd Sem. (Elective)

Paper: MFA-E-304 Composition-II

Time: 6 Hrs.

Max. Marks: 50

Credit-2

Paper: MFA -304 Composition-II (Painting)	
Cos#	Course Outcome
MFA -304.1	Enhances the creative process through studio exercise and assignments.
MFA -304.2	Understand to control visual and physical control of medium used in the application of colour, Texture & tones, concepts
MFA -304.3	knowledge to develop drawing and painting Skills for creative composition in art.
MFA -304.4	Inculcates Emotional attachment towards nature & society.

Basic Studies in specialized mediums of Composition-II

Syllabus of Elective

- Study of portraiture and composition based on portrait, object, figure, interior and landscape
Medium – Poster colour, acrylic and oil
Size- 2’x2” (Paper and Canvas)
Total No. of assignment – 3 Marks: 30
- Study of developing own style in Composition
Medium – Any medium
Only canvas
Total no. of assignment- 2 Marks: 20

Table 2: CO – PO matrix for the course MFA -304 Composition-II (Painting)

Cos#	PO1	PO2	PO3	PO4	PO	PO	PO	PO8	PO9	PO1
MFA -304.1	2	3	-	1	-	2	-	-	3	-
MFA -304.2	2	3	-	-	1	2	-	-	3	-
MFA -304.3	1	1	2	1	-	2	1	2	2	1
MFA -304.4	2	2	-	2	1	2	-	-	2	-
Average	1.75	2.25	0.5	1	0.5	2	1	0.5	2.5	0.25

Table 3: CO – PSO matrix for the course MFA -304 Composition-II (Painting)

	PSO1	PSO2	PSO3	PSO4
MFA -304.1	2	3	1	2
MFA -304.2	2	3	2	2
MFA -304.3	2	3	2	3
MFA -304.4	2	2	2	3
Average	2	2.75	1.75	2.5

Applied Arts (A)- Semester: 3rd
(w.e.f. the academic session 2021-22)

Examination: MFA 3rd Sem. (Elective)

Paper: MFA-E-304 Graphic Design-II

Time: 6 Hrs.

Max. Marks: 50

Credit-2

Paper: MFA -304 Graphic Design-II (Applied Art)	
Cos#	Course Outcome
MFA -304.1	To understand and develop the basics skill for designing of outdoor media and indoor media..
MFA -304.2	To develop graphic design concepts based work with creative approaches and techniques..
MFA -304.3	To Understand type of graphic design work required for specified purpose.
MFA -304.4	Enhances scientific temperament by application of Design s.

Details of course work:

Practical (Medium: Computer)

- | | |
|--|----------|
| 1. Poster (Total no. of assignment-2) | 20 Marks |
| 2. Hoarding/ Banner. -(Total no. of assignment-1) | 10 Marks |
| 3. Catalogue/ Folder & Invitation etc. (Total no. of assignment-2) | 20 Marks |

Table 2: CO – PO matrix for the course MFA-304 Graphic Design-II (Applied Art)

Cos#	PO1	PO2	PO3	PO4	PO	PO	PO	PO8	PO9	PO1
MFA -304.1	2	3	-	1	-	2	-	-	3	-
MFA -304.2	2	3	-	-	1	2	-	-	3	-
MFA -304.3	2	1	2	1	-	2	1	1	2	1
MFA -304.4	2	2	-	2	-	2	1	-	2	-
Average	1	2.25	2	1	1	2	0.5	0.25	2.5	0.25

Table 3: CO – PSO matrix for the course MFA -304 Graphic Design-II (Applied Art)

	PSO1	PSO2	PSO3	PSO4
MFA -304.1	2	3	1	2
MFA -304.2	2	3	2	2
MFA -304.3	2	3	2	3
MFA -304.4	2	2	2	3
Average	2	2.75	1.75	2.5

Graphics- (Print Making) (G), Semester: 3rd
(w.e.f. the academic session 2021-22)

Examination: MFA 3rd Sem. (Elective)

Paper: MFA-E-304 Intaglio Composition-II (Print Making)

Time: 6 Hrs.

Max. Marks: 50

Credit-2

Paper: MFA -304Intaglio Composition (Print Making)	
Cos#	Course Outcome
MFA -305.1	Develop creative ways to solve problems using a variety of strategies for making prints by intaglio processes.
MFA -305.2	Enhancing to Create personal hand-printed artwork, which demonstrate an introductory level of understanding printmaking ideas, and the processes, materials, and techniques associated with different method.
MFA -305.3	Establish self-critiquing skills to develop autonomous expression through printmaking.
MFA -305.4	Scientific and logical knowledge of reproduction of art works.

Basic Studies in specialized mediums of Printmaking

1. Intaglio Printmaking process emphasis on composition and individual technique working in the following medium.
 - i. Intaglio Process (Etching, Dry point & Aquatint), Selection of materials preparations and application of dry and liquid grounds. Study of various chemicals and mordents.
 - ii. Preparation of composition on plate with various experiments for textural and tonal values. Different techniques like Dry Point, Etching& Aquatint.
 - iii. Different Printing techniques, with the help of Rollers, Stencils and Inks.
 - iv. Art Work Size: 8” x 8”
 - v. **(No. of Assignment: 02, 25 Marks each)**

Table 2: CO – PO matrix for the course MFA -304 Intaglio Composition (Print Making)

Cos#	PO1	PO2	PO3	PO4	PO	PO	PO	PO8	PO9	PO1
MFA -305.1	2	3	-	1	-	2	-	-	3	-
MFA -305.2	2	3	-	-	1	2	-	-	3	-
MFA -305.3	1	1	2	1	-	2	1	-	2	1
MFA -305.4	2	2	-	2	-	2	-	-	2	-
Average	1.75	2.25	2	1.34	1	2	1	-	2.5	1

Table 3: CO – PSO matrix for the course MFA -304 Intaglio Composition (Print Making)

	PSO1	PSO2	PSO3	PSO4
MFA -305.1	2	3	1	2
MFA -305.2	2	3	2	2
MFA -305.3	2	3	2	1
MFA -305.4	2	2	2	3
Average	2	2.75	1.75	2

Examination:- MFA 3rd Sem. (Open Elective)**Paper – MFA-P - 306 (Subject opted within the Faculty of Indic Study)****Time: 06 Hours****Max. Marks:- -50 (40+10 Internal Assessment)****Credit: 2****Syllabus of Elective - Mention in the end of syllabus .**

Kurukshetra University Kurukshetra
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Department of Fine Arts
CHOICE BASED CREDIT SYESTEM (CBCS)
Scheme of Examinations M.F.A. Sculpture
 (w.e.f. the academic session 2021-22)

Examination: M.F.A (Fourth Semester)**Paper:- MFA-S-401 History of Modern Sculpture (Indian)****Time: 3 Hours****Max. Marks: 80 & 20 Internal Assessment****Credit : 4****Instructions:**

- (i) No. of Questions to be set: 09 (02 Questions from each unit) and Question No. 01 is to be set from all over the Units i.e. short type Questions.
- (ii) No. of Questions to be attempted : 05 .Question No. 01 is compulsory
All Questions will be of equal marks

Course Outcome

MFA-S-401.1 Students will get knowledge about the intense and exaggerated realism during this period.

- MFA-S-401.2** Knowledge of Modern sculptures of western world which leads to understand the difference and similarities between Indian and Western Art.
- MFA-S-401.3** Knowledge will encourage students to understand the value of our Art individualism, ideology Indian sculptors etc.
- MFA-S-401.4** Knowledge of new experiments in Indian contemporary sculpture.

Course of Study

Unit-I

Development of Modern Sculptures in India,
Academic Sculptors: Ram Kinker Baij, D.P. Roy Choudhary, Pardosh Das Gupta
Other sculptors: Shanko Choudhary, Dhanraj Bhagat, Nandagopal
P.V. Janakiram, Somnath Hore,

Unit-II

Compositional Analysis of Modern Sculpture
Dhruv Mistry, Satish Gujral, Nagji Patel, Himmat Shah,
K.G.Subramaniam,
K.S. Radhakrishnan, Ankit Patel.

Unit-III

Individualism of modern concept and new trends of
Experimentation: Chintamani Kar, V.R khajuria , Meera Mukhrjee, Ravinder Reddy,
Mrinalini Mukherjee, M. Pandya

Unit-IV

New Trends and concept of monumental sculpture, Critical Analysis of Contemporary
Sculptures of India and their Artist, Sculptural Installations: R.V Sutar, Pooja Irrana, Jitish
Kallat, Subodh Gupta, Sudarshan Shetty, Bharti Kher,

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

- | | | |
|--|---|---------|
| (i) Two handwritten Assignments | : | 50% |
| (1st Assignment after one month &
2nd after two months) | | |
| (ii) One Class Test (One period duration) | : | 25% |
| (iii) Attendance | : | 25% |
| Marks for attendance will be given as under:- | | |
| (1) 91% onwards | : | 5 Marks |
| (2) 81% to 90% | : | 4 Marks |
| (3) 75% to 80% | : | 3 Marks |
| (4) 70% to 74% | : | 2 Marks |
| (5) 65% to 69% | : | 1 Marks |

Suggested Books

1. Modern Indian Art – Keshav Mallik.
2. Pictorial Space – Geeta Kapoor
3. Moving Focus – K.G. Subrahmanyam.
4. Studies in Modern Indian Art – Ratan Parimoo
5. Lalit Kala Contemporary
6. Lalit Kala Monographs.
7. When was modernism – Geeta Kapoor
8. Contemporary Indian Art – Geeta Kapoor
9. The making of Modern Indian Art –Yashodhara Dalmiya
10. Post-Modernism OR The culture logic of late capitalism – Fedric Jansen
11. Visual Culture – Chris Genks
12. cgn vk/mj ud dyk dKk %fouln Hkj }kt
13. l edkyhu Hkj jr; dyk & i k.kulFk elxks & l kSe= elgu
14. vk/mj ud Hkj jr; dyk & Mko tto dD vxoky

CO-PO mapping matrix for the course MFA-S-401 (History of Modern Sculpture (Indian))

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA-S -401.1	2	3	1	1	1	3	1	1	3	-
MFA-S -401.2	1	3	-	1	-	3	-	-	3	-
MFA-S -401.3	1	3	-	1	-	3	-	-	3	-
MFA-S -401.4	1	3	-	1	-	2	1	-	3	-
Average	1.25	3	0.25	1	0.25	2.75	0.5	0.25	3	-

CO-PSO mapping matrix for the course MFA-S-401 (History of Modern Sculpture (Indian))

	PSO1	PSO2	PSO3	PSO4
MFA-S -401.1	3	2	2	3
MFA-S -401.2	2	2	3	3
MFA-S -401.3	3	2	2	3
MFA-S -401.4	2	2	2	3
Average	1.25	3	0.25	1

Examination: M.F.A. (Third & Fourth Semester)**Paper:- MFA-S- 402 Dissertation** Max. Marks : 100 **Credit : 4****Instructions**

Synopsis presentation & approval of subject – August

Presentation & Seminar - January.

Final submission – 31st March (Three copies should be submitted positively before the commencement of the examination).

The evaluation of Dissertation and Viva-voce will be conducted by External & Internal Examination

Course Outcome**MFA-S- 402.1** This will give knowledge about the way to do research which can further be extended to hard-core research of our tangible and intangible Art Heritage and culture.**MFA-S- 402.2** Students will have awareness about different way of referencing, plagiarism, citation etc.**MFA-S- 402.3** Contemporary artist, New trends in Contemporary art.**MFA-S- 402.4** Research Mythology like heritage, historical sites, art gallery, artist templates, sculpture, art work, Knowledge of Research Techniques etc.**Course of Study**

- (i) A critical and analytical aspect of Painting, Applied Art, Sculpture, Graphics (Print Making) etc.
- (ii) A critical and analytical aspect of History of Art.
- (iii) Folk, Tribal Art and Popular form of Art.
- (iv) Concept of Aesthetics or Philosophy.
- (v) Contemporary Artists.
- (vi) New trends in Contemporary Art.

(vii) Any other new relevant topic including experimentation.etc

CO-PO mapping matrix for the course MFA-S-402 (Dissertation)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA-S -402.1	3	3	1	3	2	2	1	1	3	1
MFA-S -402.2	2	2	1	3	2	2	1	1	3	1
MFA-S -402.3	3	3	1	2	2	1	1	1	3	1
MFA-S -402.4	3	2	1	3	2	2	1	1	3	1
Average	2.75	2.5	1	2.75	2	1.75	2	2	3	1

CO-PSO mapping matrix for the course MFA-S-402 (Dissertation)

PSO	PSO1	PSO2	PSO3	PSO4
MFA-S -402.1	3	3	2	3
MFA-S -402.2	3	3	2	3
MFA-S -402.3	3	2	3	3
MFA-S -402.4	3	2	3	3
Average	3	2.5	2.5	3

DETAILED SYLLABUS (Practical) Examination: **M.F.A. (Fourth Semester)**

Paper:- MFA-S-403 (Practical)

Option I- Creative Sculpture OR **Option II-** Figurative Sculpture

Time Allowed: 30 Hrs. Max. Marks :300 (Examination: 200 + Internal: 100) **Credit: 12**

Medium : Clay, Plaster, Wood, Stone, Metal.

Sessional Work

1. No. of Assignments : 4
2. sketches : 250

Course Outcome

- MFA-S-403.1** Students will learn the pictorial representation of sculptures with different Expressions and emotion moods focusing on current scenario.
- MFA-S-403.2** The students will understand the indirect depiction of contemporary national-international issues through this art form which will lead to understand the concept of nationalism and many more.
- MFA-S-403.3** Students will learn about the figurative depiction of their thoughts which will help viewers to connect with the artist and artwork very easily.
- MFA-S-403.4** The realistic, idealist and naturalistic depiction will enhance the skills and esthetic sense of the student

CO-PO mapping matrix for the course MFA-S-403(Option I- Creative Sculpture OR Option II Figurative Sculpture)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------

MFA-S -403.1	2	3	1	2	2	3	-	1	3	1
MFA-S -403.2	2	2	-	2	2	3	1	2	3	-
MFA-S -403.3	1	2	1	-	-	1	-	1	3	-
MFA-S -403.4	1	1	1	1	2	2	1	1	3	-
Average	1.5	2.5	0.75	1.25	1.5	2.25	0.5	1.25	3	0.25

CO-PSO mapping matrix for the course MFA-S-403 (Option I- Creative Sculpture OR Option II Figurative Sculpture)

PSO	PSO1	PSO2	PSO3	PSO4
MFA-S -403.1	3	2	3	2
MFA-S -403.2	3	3	3	2
MFA-S -403.3	3	3	3	3
MFA-S -403.4	3	3	3	2
Average	3	2.75	3	2.25

Examination: MFA (Fourth Semester)

Paper:- MFA-S-404 (Exhibition+ Viva-voice+Report)

Max Marks: 100 (50+25+25) **Credit : 4**

Instructions

- One Solo Exhibition of his/her own Art work done during 1st 2nd 3rd & 4th Semester will be Conducted at the end of 4th semester. Internal Examiner will evaluate their technical & aesthetics performance of each candidate at the time of exhibition.
- Viva-Voice will be conducted by Internal & External Examiner.
- A Seminar paper will be present in seminar on topic related to Painting /Applied Art/Sculpture/ Graphics. Candidate can choose his/her own journey of during study & new invention and experimental asp

Course Outcome

- MFA-S-404.1** This practice will encourage students to give presentation in front of an intellectual audience. Students will able to give presentation about their artworks and the other cultural ventures of our country.
- MFA-S-404.2**
- MFA-S-404.3** In is exhibit the art work & balance of Art Gallery , Art expression, Create a seminar about sculpture art, Preparing and write on art work, presentation & seminar.
- MFA-S-404.4** Improve communication skills through researching, writing, and formal presentation

CO-PO mapping matrix for the course MFA-S-404 (Exhibition +Viva –voce + Report)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA-S -404.1	2	2	1	1	-	3	1	3	3	-
MFA-S -404.2	2	2	1	1	-	3	1	3	3	-
MFA-S -404.3	3	2	1	1	-	3	1	2	3	-
MFA-S -404.4	2	2	1	1	-	2	1	2	3	-
Average	2.25	2	1	1	-	2.75	1	2.5	3	-

CO-PSO mapping matrix for the course MFA-S-404 (Exhibition +Viva -voce + Report)

PSO	PSO1	PSO2	PSO3	PSO4
-----	------	------	------	------

MFA-S -404.1	3	3	3	3
MFA-S -404.2	3	3	3	3
MFA-S -404.3	2	3	2	2
MFA-S -404.4	2	3	2	3
Average	2.5	3	2.5	2.75

Table 4 : CO-PO-PSO mapping matrix for all the course of MFA – Sculpture (S)

Course Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4
MFA-P-101	01	01	01	01	0	0	01	02	02	0	03	2.75	2.75	2.75
MFA-S-102	1.75	2	1.25	1	1.5	2.25	-	1.75	4	-	2.5	2.5	2.5	2.5
MFA-S-103	1	2	0.75	1.5	0.75	2	0.5	1.25	3	-	2.75	2.75	2.75	2.5
MFA-S-104	3	2.25	1	1.5	2	1.75	1	2	3	-	2.25	2.5	2.75	3
MFA-P-201	01	01	01	01	0	0	01	02	02	0	3	03	2.75	2.75
MFA-S-202	1.75	2	-	-	-	2.25	1.5	1	3	-	2.5	2.5	2.25	3
MFA-S-203	2	2	0.75	1.5	1.25	2.25	0.5	1.25	3	0.25	2.75	2.75	3	2.25
MFA-S-204	1	1	1	1	-	-	1	2	2	-	3	2.75	2.75	2.75
MFA-E-205	1.5	1.75	0.5	1.5	1	1.75	0.75	1	2	-	2.25	2.75	2	2.25
MFA-OE-206	1	2	0.75	1.5	0.75	2	0.5	1.25	3	-	2.5	2.5	2.75	2.25
MFA-S-301	3	2.25	1	1.5	0.5	1.75	1	1.5	3	-	2.5	2.5	2.25	3
MFA-S-302	1.5	2	0.75	1.5	0.25	2.75	0.5	1.25	3	0.25	2.75	2.75	3	2.5
MFA-S-303	3	2	2	1	2	3	1.5	1	3	1	2.5	2.5	2.25	3
MFA-E-304	2	2.25	0.5	1	1	2	1	-	2.25	-	2.25	2.75	2	2
MFA-OE-305	1	1.75	0.75	1.25	0.75	2	0.5	1.25	2.5	-	2.75	2.75	2.75	2.5
MFA-S-401	1.25	3	0.25	1	0.25	2.75	0.5	0.25	3	-	1.25	3	2.25	1
MFA-S-402	2.75	2.5	1	2.75	2	1.75	2	2	3	1	3	2.5	2.5	3
MFA-S-403	1.5	2.5	0.75	1.25	1.5	2.25	0.5	1.25	3	0.25	3	2.75	3	2.25
MFA-S-404	2.25	2	1	1	-	2.75	1	2.5	3	-	2.5	3	2.5	2.75

Kurukshetra University Kurukshetra
 ("A+" Grade, NAAC Accredited)
Department of Fine Arts
 CHOICE BASED CREDIT SYESTEM (CBCS – LOCF Pattern)
Scheme of Examinations M.F.A. Graphic (Print Making)
 (w.e.f. the academic session 2020-21)

1st Semester

Scheme of Examinations Master Of Fine Art Specialization Graphic (Print Making) (w. e. f. the academic session 2020 onwards)												
S No.	Course Code/ Paper No.	Course Nomenclature		Contact Hours per Week		Examination Marks				Total Marks	Credit	Duration of Exam (in Hours)
						Theory		Practical				
				T	P	Internal Asst.	Examination	Internal Asst.	Examination			
1	MFA-P-101	History of Modern Western Art	Theory	4	-	20	80	-	-	100	4	3
2	MFA-G-102	History of Print making and Technical Theory	Theory	4	-	20	80	-	-	100	4	3
3	MFA-G -103	Composition	Practical	-	24	-	-	100	-	100	4	-
4	MFA-G-104	New Media Art	Practical	-	24	-	-	100	-	100	4	-
				8	48	-	-	-	-	400	16	-

2nd Semester

Scheme of Examinations Master Of Fine Art Specialization Graphic (Print Making) (w. e. f. the academic session 2020-2021 onwards)												
Sr. No.	Course Code/ Paper No.	Course Nomenclature		Contact Hours per Week		Examination Marks				Total Marks	Credit	Duration of Exam (in Hours)
						Theory		Practical				
				T	P	Internal Asst.	Examination	Internal Asst.	Examination			
1	MFA-P-201	History of Modern Western Art	Theory	4	-	20	80	-	-	100	4	3
2	MFA-G-202	History of Print making and Technical Theory	Theory	4	-	20	80	-	-	100	4	3
3	MFA-G-203	Composition	Practical	-	24	-	-	100	200	300	12	24
4	MFA-G-204	New Media Art	Practical	-	24	-	-	100	-	100	4	-
5	MFA-E-205	Pictorial Composition-I/Graphic Design-I/ Clay Modelling-I (Elective)	Practical	-	2	-	-	50	-	50	2	6
6	MA-OE-206	Open Elective(Fundamental of Visual Arts-I)	Practical & Theory	-	2	-	-	10	40	50	2	6
				8	52	-	-	-	-	700	28	-

3rd Semester

Scheme of Examinations Master Of Fine Art Specialization- Graphic (Print Making) (w. e. f. the academic session 2021-2022 onwards)												
Sr. No.	Course Code/ Paper No.	Course Nomenclature		Contact Hours per Week		Examination Marks				Total Marks	Credit	Duration of Exam (in Hours)
						Theory		Practical				
				T	P	Internal Asst.	Examination	Internal Asst.	Examination			
1	MFA-- G301	History of Print Making	Theory	04	-	20	80	-	-	100	04	03
2	MFA - G-302	Composition	Practical	-	24	-	-	100	-	100	04	-
3	MFA -G- 303	New Media Art	Practical	-	24	-	-	100	-	100	04	-
4	MFA -E-304	Composition-II/ Graphic Design-II/ Clay Modelling-II (Ective)	Practical	-	02	-	-	50	-	50	02	6
5	MFA-OE-305	Open Elective (Fundamental of Visual Arts-II)	Practical & Theory	-	02	-	-	10	40	50	02	6
				04	52	-	-	-	-	400	16	-

4th Semester

Scheme of Examinations Master Of Fine Art Specialization- Graphic (Print Making) (w. e. f. the academic session 2021- 2022 onwards)												
Sr. No.	Course Code/ Paper No.	Course Nomenclature		Contact Hours per Week		Examination Marks				Total Marks	Credit	Duration of Exam (in Hours)
						Theory		Practical				
				T	P	Internal Asst.	Examination	Internal Asst	Examination			
1	MFA -G - 401	History of Print Making	Theory	04	-	20	80	-	-	100	04	03
2	MFA -G - 402	Dissertation	-	-	-	-	100	-	-	100	04	-
3	MFA -G- 403	Composition	Practical	-	24	-	-	100	200	300	12	24
4	MFA - G- 404	Exhibition +Viva + Report	Practical	-	24	-	-	100 (50+25+25)	-	100	04	-
				4	48					600	24	-

Grand Total of All Semesters = **2100** Grand Total of all credits = **84**

*Practical Examination will be conducted in Even Semester i.e. 2nd, 4th only.

* *The Final submission of dissertation (402) and Viva-voce will be conducted in 4th Semester.

*** Open Elective (to be opted from other department of the faculty only)

**** Paper no. 103, 104, 302, 303 will be evaluated by the internal examiner/ committee.

Department of Fine Arts
Kurukshetra University Kurukshetra
 ("A+" Grade, NAAC Accredited)
 CHOICE BASED CREDIT SYSTEM (CBCS – LOCF Pattern)
Detailed Syllabus of M.F.A. (MASTER OF FINE ARTS) Graphics (Print Making) Group G
 (w. e. f. the academic session 2020-21 onwards)

M.F.A. (First Semester)

PAPER - MFA-P-101 : HISTORY OF MODERN WESTERN ART (THEORY)

Course of Study: For Detail Syllabus and Instructions please See the syllabus of Painting Group –P (MFA-P-101)

M.F.A. (First Semester)

MFA-G-102 : (Theory) HISTORY OF PRINT MAKING AND TECHNICAL THEORY

(Theory) MFA-G-102 : History of Print Making and Technical Theory	
Cos#	Course Outcome
MFA-G-102.1	Knowledge about the History and the origin of Printmaking & its development.
MFA-G-102.2	Develop to understand the history and techniques of a variety of print processes used in making unique and limited edition fine art prints.
MFA-G-102.3	Expression is to be supported by mastery of means. Problem solving, critical thinking skills, aesthetic judgment, and self confidence which comes from accomplishment by this subject.
MFA-G-102.4	Knowledge about the Master Printmakers of the origin of representational Printmaking in Europe.

Max. Marks 80 + 20 Internal Assessment

Time: 3 Hours

Credit 4

Instructions:

- (i) No. of Questions to be set: 09 (02 Questions from each unit) and Question No. 01 is to be set from all over the Units i.e. short type Questions.
- (ii) No. of Questions to be attempted : 05 .Question No. 01 is compulsory
- (iii) All Questions will be of equal marks.

Course of Study

Unit – I

History of Western printmaking, Survey of the development of art of printmaking in Europe from early woodcuts and metal engravings during the beginning of the 15th century onwards to the present day including

Unit – II

All types of manifestations and inventions of different Printmaking medium like Engraving, Drypoint, Etching, Mezzotint, Sugar Lift Process, Colour Printing, Lithography and Mixed Media.

Unit – III

Masters of original printmaking, master engravers printmaking's for fulfilling religious and social needs as well as that of individual creative expressions.

Unit – IV

Significance of Durer, Italian Contribution of Chiaroscuro and woodcuts. Different printmaking techniques and possibilities of Etching, Aquatint, Wood Cut, Wood engraving, Metal Engraving,

Dry Point, Soft Ground, Mezzotint, Photo Etching, Viscosity, Collagraphy, Wood Intaglio, Serigraphy, Lithography and Digital Prints.

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

- (i) Two handwritten Assignments : 50%
(1st Assignment after one month & 2nd after two months)
 - (ii) One Class Test (One period duration) : 25%
 - (iii) Attendance : 25%
- Marks for attendance will be given as under:-
- (1) 91% onwards : 5 Marks
 - (2) 81% to 90% : 4 Marks
 - (3) 75% to 80% : 3 Marks
 - (4) 70% to 74% : 2 Marks
 - (5) 65% to 69% : 1 Marks

Table 2: CO – PO matrix for the course MFA-G-102 (History of Print Making and Technical Theory)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA-G-102.1	1	2	3	-	1	-	3	-	3	1
MFA-G-102.2	3	2	-	-	1	3	2	1	3	-
MFA-G-102.3	2	2	3	2	-	2	2	2	3	-
MFA-G-102.4	2	-	2	-	-	-	3	1	3	-
Average	2	2	2.67	2	1	2.5	2.5	1.34	3	1

Table 3: CO – PSO matrix for the course MFA-G-102 (History of Print Making and Technical Theory)

	PSO1	PSO2	PSO3	PSO4
MFA-G-102.1	3	3	2	2
MFA-G-102.2	3	3	2	2
MFA-G-102.3	2	3	2	3
MFA-G-102.4	3	2	2	2
Average	2.75	2.75	2	2.25

Department of Fine Arts
Kurukshetra University Kurukshetra
("A+" Grade, NAAC Accredited)
 CHOICE BASED CREDIT SYESTEM (CBCS – LOCF Pattern)
M.F.A. (MASTER OF FINE ARTS) Graphics (Print Making) Group G
 (w. e. f. the academic session 2020-21)

DETAILED SYLLABUS (Practical)
 Examination: M.F.A. (1st Semester)
 PAPER - MFA-G-103 - COMPOSITION

(Practical) MFA-G-103 (Composition)	
Cos#	Course Outcome
MFA-G-103.1	Develop creative ways to solve problems using a variety of strategies for making prints by utilizing monoprints, relief and basic intaglio processes.
MFA-G-103.2	Enhancing to Create personal hand-printed artwork, which demonstrate an introductory level of understanding printmaking ideas, and the processes, materials, and techniques associated with different method.
MFA-G-103.3	Establish self-critiquing skills to develop autonomous expression through printmaking.
MFA-G-103.4	Scientific and logical knowledge of reproduction of art works.

Max. Marks : 100 Internal Assessment **Credit- 04**

Medium : Relief/Intaglio/Lithography/Screen Print/New Print Media /Mixed Media

Instructions :

- (i) Board of internal Examiner (Chairman, Internal and nominee of chairman) will evaluate the Sessional work at the end of the semester.

Minimum Size of work: 18" x 12"

Sessional Work: Total- 08(2 works in Relief Method + 2 works in Intaglio Method + 2 works in Serigraphy Method + 2 Works in Lithography)

Course of Study**Objective:**

The Curriculum is planned to further enhance the skill of the Artist while encouraging personal growth based on research in various style of Print Making and the related technology. The purpose of the post graduate art Course in the printmaking is the deepening of the artistic sensibility, the acquisition of new knowledge concerning contemporary art, the deepening of the experience in the personal artistic language, the mastering of expression and the creation of technological innovations as response to or dialogue with the contemporary cultural environment. The objective of the study is that by clearly established criteria for the evaluation of the print, as well as the development of artistic personalities, the fundamental principles of creative printmaking originality be given their proper weight: A) The principle of the unity of idea, material, the procedure for its treatment and the pulling of the impression. B) The principle of full authorship in the production of the print. C) The principle of the artistic integrity of the print as work of art – The Principle of the excellence of all the components of the graphic work of art. The area are the expressive capacities of all the printmaking techniques that the course member has the condition for, that is , for which the Academy is appropriately equipped; this concerns all the techniques in which the fundamental premise is the handmade matrix or plate. These comprise: Relief Prints, Intaglio Prints, Planographic Prints, and Stencil Prints, and possible procedure for the integration of them into a unified work of art.

1. Printmaking emphasis on composition and individual technique working in all the following mediums.
 - (a) Relief Process
 - i. Selection of Materials, preparation of surface for various textures.
 - ii. Preparing design and transferring on selected materials, cutting of material and preparing the printing surface.
 - iii. Printing of prepared block. Determine registration for printing of editions.
 - iv. All the procedures for printmaking (preparation of matrix and printing technique) for: a) monochrome and polychrome linocut; b) monochrome and polychrome woodcut; c) wood engraving – facsimile and white engraving; d) Oriental or Japanese woodcut technique – printing with water-based inks; c) planning editions and the organization of the printing of editions.
 - (b) Intaglio Process

- i. Selection of materials preparations and application of dry and liquid grounds. Study of various chemicals and mordents.
 - i. Preparation of composition on plate with various experiments for textural and tonal values. Different techniques like Dry Point, Aquatint, Mazzotint, Etching, Engraving, Photo Etching etc.
 - ii. Printing techniques such as viscosity.
 - iii. All procedure for printmaking of: a) monochrome and polychrome etching (single phase and multiphase etching); b) monochrome and polychrome mezzotint (on a roughened plate, on an etching raster, an aquatint raster, on a sandpaper raster); c) monochrome and polychrome aquatint (single phase or multiphase etching); d) monochrome and polychrome reserve – sugar aquatint (open etching and tonal etching).
- (c) Lithography (Planography)
 - i. Preparation of surface, polished and fine grained experiments with line, tone and texture.
 - ii. Understanding the chemical properties of Litho surface and Printing
 - iii. All the lithograph techniques (according to Senefelder): a) chalk; b) Indian ink – brush and pen; c) wash; d) reserve and spraying; e) litho-mezzotint; f) polychrome lithograph (from 4 to 12 colours); g) offset lithography (Tamarind process).
- (d) Screen Printing
 - i. Preparations of Screen, Selection of various grades of Nylon, cloth and stretching of cloth.
 - ii. Preparation of design by paper stencil, direct method and Indirect Method.
 - iii. Printing & Registration for one and multicolour printing.
 - iv. All procedures for the hand-making of the stencil (*pochoir*) and all the procedures with photosensitive emulsion in the silkscreen technique (reproduction photography) – monochrome and polychrome silkscreens.
- (e) Mixed Media
 - i. Experiments with combined graphic techniques and mediums.

Table 2: CO – PO matrix for the course MFA-G-103 (Composition)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA-G-103.1	2	2	-	1	1	3	2	2	3	-
MFA-G-103.2	2	2	1	2	-	3	2	-	3	2
MFA-G-103.3	2	2	2	1	1	3	2	-	2	1
MFA-G-103.4	2	2	1	3	-	2	-	3	3	1
Average	2	2	1.34	1.75	1	2.75	2	2.5	2.75	1.34

Table 3: CO – PSO matrix for the course MFA-G-103 (Composition)

	PSO1	PSO2	PSO3	PSO4
MFA-G-103.1	3	3	3	2
MFA-G-103.2	2	3	3	1
MFA-G-103.3	1	3	3	1
MFA-G-103.4	1	3	3	2
Average	1.75	3	3	1.5

First Semester

PAPER - MFA-G-104 - NEW MEDIA ART

(Practical) MFA-G-104 (New Media Art)	
Cos#	Course Outcome
MFA-G-104.1	Develops the artistic skill to work interdisciplinary and collaborative discipline that focuses on our relationship with technology, visual culture, emotion, and performance in contemporary art.
MFA-G-104.2	Enhances the knowledge to find possibilities of creating artwork using emerging technologies within the context of a hands-on studio art environment.
MFA-G-104.3	This inculcates to execute projects challenge, tradition and embrace new forms of aesthetic thinking.
MFA-G-104.4	Inculcates the Moral values with emotional intelligence through the knowledge of art and aesthetics.

Max Marks: 100

Credit- 4

Size - Minimum size of the work will be not less than 2 Feet X 2 Feet.

Number of Assignment – 2

Instructions:

- The examiner will evaluate the work of examinee at the end of semester.
- Internal examiner will evaluate the Sessional work.
- Any material can be used to create art work which support his/her artistic concept.

Course of Study –

This practice is based with the traditions of avant-garde processes and experimental art making, and responds to the rapid pace of technological development. Student have to create Two Art work/Project work i.e. Installation Art, Film and Video Art, Digital Art, Interactive Art, Performance Art, Animation Art, Immersive Installations Art, Kinetic Art, Light & Sound Art, by using modern technology, Electronic devices, with their **core subject**.

This New media art consist experimental approach in the area of expressive capacities of all the printmaking techniques that the course member has the condition for, that is , for which the studio is appropriately equipped; this concerns all the techniques in which the fundamental premise is the handmade matrix or plate. These comprise: Relief Prints, Intaglio Prints, Planographic Prints, and Stencil Prints, and possible procedure for the integration of them into a unified work of art with the concept of new Media Art. Experiments with combined graphic techniques and mediums with using new creative thoughts and applications.

Students should also integrate the language of art and technology through an integrated and informed critical practice.

Note - Any material can be used to create art work which support his/her artistic concept.

Table 2: CO – PO matrix for the course MFA-G-104 (New Media Art)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA-G-104.1	1	2	1	2	3	2	1	2	3	-
MFA-G-104.2	1	-	2	1	-	2	2	1	3	1
MFA-G-104.3	1	2	2	3	1	3	2	-	3	-
MFA-G-104.4	-	3	2	-	-	3	2	2	3	1
Average	1	2.34	1.75	2	2	2.5	1.75	1.34	3	1

Table 3: CO – PSO matrix for the course MFA-G-104 (New Media Art)

	PSO1	PSO2	PSO3	PSO4
MFA-G-104.1	3	3	3	1
MFA-G-104.2	3	2	3	2
MFA-G-104.3	2	2	3	3
MFA-G-104.4	1	2	2	3
Average	2.25	2.25	2.75	2.25

Department of Fine Arts
Kurukshetra University Kurukshetra
 (“A+” Grade, NAAC Accredited)
 CHOICE BASED CREDIT SYESTEM (CBCS – LOCF Pattern)

Detailed Syllabus M.F.A. (MASTER OF FINE ARTS) Graphics (Print Making) Group G
 (w. e. f. the academic session 2020-21onwards)

Examination: M.F.A. (Second Semester)

PAPER - MFA-P-201: (THEORY) HISTORY OF MODERN WESTERN ART

Course of Study: For Detail Syllabus and Instructions please See the syllabus of Painting Group – P (MFA-P-201)

Examination: M.F.A. (Second Semester)

PAPER MFA-G-202: (THEORY) HISTORY OF PRINT MAKING AND TECHNICAL THEORY

(Theory) MFA-G-202 : (History of Print Making and Technical Theory)	
Cos#	Course Outcome
MFA-G-202.1	Imparting knowledge of Printmaking origin & techniques in Europe.
MFA-G-202.2	Knowledge about the 20 th Century Development of Printmaking in Europe & study of artist works.
MFA-G-202.3	Sharpen ability to critically analyze Printmaking techniques, Art practices and study of individualistic style.
MFA-G-202.4	Increase the knowledge of world printmaking with experimental approach.

Max. Marks: 100 (80+ 20 Internal Assessment)

Time : 3 Hours Credit – 4

Instructions:

- (i) No. of Questions to be set: 09 (02 Questions from each unit) and Question No. 01 is to be set from all over the Units i.e. short type Questions.
- (ii) No. of Questions to be attempted : 05 .Question No. 01 is compulsory
- (iii) All Questions will be of equal marks.

Course of Study

Unit – I

Master of etching, significance of Rembrandt Portraits, Engraving and Mezzotint, Painting effects, print making and book production in 18th century and later 19th century masters.

Unit – II

Print Making of 20th Century, Picasso’s Graphic work, Francisco Goya, Photo Transfer Techniques, Influence of Advertising, Print Making Activities of pop Artist Andy Warhol, Stanley William Hayter, Printmaking Studio Atelier-17, Workshop and editions.

Unit – III

Different printmaking techniques and possibilities of Etching, Aquatint, Wood Cut, Wood engraving, Metal Engraving, Dry Point, Soft Ground, Mezzotint, Photo Etching, Viscosity, Collagraphy, Wood Intaglio, Serigraphy, Lithography and Digital Prints.

Unit – IV

Experimentation and Variation in technique for different results. In Intaglio Method, Relief method, Planography Method, and in Stencil Method.

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

(i) Two handwritten Assignments : 50%
(1st Assignment after one month & 2nd after two months)

(ii) One Class Test (One period duration) : 25%

(iii) Attendance : 25%

Marks for attendance will be given as under:-

(1) 91% onwards	: 5 Marks	(4) 70% to 74%	: 2 Marks
(2) 81% to 90%	: 4 Marks	(5) 65% to 69%	: 1 Marks
(3) 75% to 80%	: 3 Marks		

Suggested Books Readings

1. Graphic Arts Encyclopedia – George A Stevenson
2. Photo mechanics and Printing – J.S. Mertle and Gordon L. Monsen.
3. Visual Imagination
4. Prints of Twentieth Century – Phanes
5. Dictionary of Print Making Terms – Rosemary Simmons.
6. How to Identify Prints – Bamber Gaspoigne.
7. The Complete Printmaker (Techniques/Traditions/Innovations)– John Ross/Clave Romano/Tim Ross.
8. Collecting Original Prints – Rosemary Simmons Hanre
9. Printmaking Today – Jules Heller.
10. Contemporary Art (Journal) – Lalit Kala Academy
11. Graphic Art in India since 1850 – Lalit Kala Academy.
12. Graphic Art of 18th Century : Jean Adhemer
13. A history of Etching and Engraving- Arthur Hind
14. An Introduction of History of Wood cut – A.M. Hind

Table 2: CO – PO matrix for the course MFA-G-202 :(History of Print Making and Technical Theory)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA-G-202.1	2	2	1	-	-	1	2	2	3	-
MFA-G-202.2	1	2	2	-	-	2	3	1	3	1
MFA-G-202.3	3	2	2	1	1	3	-	1	3	-
MFA-G-202.4	2	1	1	-	1	3	-	1	3	1
Average	2	1.75	1.5	1	1	2.25	2.5	1.25	3	1

Table 3: CO – PSO matrix for the course MFA-G-202 (History of Print Making and Technical Theory)

	PSO1	PSO2	PSO3	PSO4
MFA-G-202.1	3	2	2	3
MFA-G-202.2	3	3	1	2
MFA-G-202.3	2	3	3	1
MFA-G-202.4	3	3	2	3
Average	2.75	2.75	1.75	2.25

DETAILED SYLLABUS (Practical)**Examination: M.F.A. (2nd Semester)****PAPER – MFA-G-203 (COMPOSITION)**

(Practical) MFA-G-203 (Composition)	
Cos#	Course Outcome
MFA-G-203.1	Enhance the Knowledge of printmaking medium as a means of creative and individual expression.
MFA-G-203.2	Develop facility with the tools, materials, and techniques inherent to basic printmaking processes.
MFA-G-203.3	Understand and discuss the historical and contemporary role of printmaking media.
MFA-G-203.4	Inculcate the concept to create resolved, original prints using various methods.

Time Allowed : 24 Hours, Max. Marks : 300 (Examination : 200 & 100 Internal Assessment) Credit- 12

Medium : Relief/Intaglio/Lithography/Screen Print/New Print Media /Mixed Media

Instructions :

- I. The examiner will evaluate the work of examinee on the last day of the examination and if the examiner did not turn up on the last day, the art work will be kept in a sealed lock custody and as and when the examiner comes as his/her convenient date can evaluate the practical paper.
- II. Board of internal Examiner (Chairman, Internal and nominee of chairman) will evaluate the Sessional work.

Minimum Size of work: 18" x 12"

Sessional Work: Total Prints: 08 (2 works in Relief Method + 2 works in Intaglio Method + 2 works in Serigraphy Method + 2 Works in Lithography)

Table 2: CO – PO matrix for the course MFA-G-203 (Composition)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA-G-203.1	1	2	-	2	1	3	-	-	3	1
MFA-G-203.2	2	2	1	2	1	3	-	-	3	1

MFA-G-203.3	3	1	-	2	1	2	1	2	3	-
MFA-G-203.4	2	3	-	1	-	3	1	1	3	1
Average	2.25	2	1	1.75	1	2.75	1	1.5	3	1

Table 3: CO – PSO matrix for the course MFA-G-203 (Composition)

	PSO1	PSO2	PSO3	PSO4
MFA-G-203.1	2	3	3	1
MFA-G-203.2	2	2	3	2
MFA-G-203.3	3	3	2	2
MFA-G-203.4	2	2	3	2
Average	2.25	2.5	2.75	1.75

Examination: M.F.A. (2nd Semester)
PAPER - MFA-G-204 NEW MEDIA ART

(Practical) MFA-D-204 (New Media Art)	
Cos#	Course Outcome
MFA-G-204.1	Enhance Advance artistic skill to work with technology, visual culture, emotion, and performance in contemporary art.
MFA-G-204.2	Develop the knowledge to find possibilities of creating artwork using emerging technologies within the context of a hands-on studio art environment.
MFA-G-204.3	This inculcates to execute practical challenge, tradition and embrace new forms of aesthetic thinking.
MFA-G-204.4	Inculcates the Moral values with emotional intelligence through the knowledge of art and aesthetics.

Max Marks: 100

Credit- 4

Size : Minimum size of the work will be not less than 2 Feet X 2 Feet.

Number of Assignment – 2

Instructions:

- (i) The examiner will evaluate the work of examinee at the end of semester.
- (ii) Internal examiner will evaluate the Sessional work.
- (iii) Any material can be used to create art work which support his/her artistic concept.

Course of Study –

This practice is based with the traditions of avant-garde processes and experimental art making, and responds to the rapid pace of technological development. Student have to create Two Art work/Project work i.e. Installation Art, Film and Video Art, Digital Art, Interactive Art, Performance Art, Animation Art, Immersive Installations Art, Kinetic Art, Light & Sound Art, by using modern technology, Electronic devices, with their **core subject**.

This New media art consist experimental approach in the area of expressive capacities of all the printmaking techniques that the course member has the condition for, that is , for which the studio is appropriately equipped; this concerns all the techniques in which the fundamental premise is the handmade matrix or plate. These comprise: Relief Prints, Intaglio Prints, Planographic Prints, and Stencil Prints, and possible procedure for the integration of them into a

unified work of art with the concept of new Media Art. Experiments with combined graphic techniques and mediums with using new creative thoughts and applications

Students should also integrate the language of art and technology through an integrated and informed critical practice.

Note - Any material can be used to create art work which support his/her artistic concept.

Table 2: CO – PO matrix for the course MFA-D-204 (New Media Art)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA-G-204.1	1	1	-	-	2	2	2	2	3	1
MFA-G-204.2	2	2	1	1	-	2	2	2	3	1
MFA-G-202.3	1	2	1	2	1	3	-	-	3	-
MFA-G-202.4	2	3	1	2	-	2	3	1	3	1
Average	2	2	1	1.67	1.5	2.25	2.34	1.67	3	1

Table 3: CO – PSO matrix for the course MFA-D-204 (New Media Art)

	PSO1	PSO2	PSO3	PSO4
MFA-G-204.1	2	3	3	2
MFA-G-204.2	2	3	3	2
MFA-G-204.3	2	3	2	3
MFA-G-204.4	2	3	2	1
Average	2	3	2.5	2.25

MA & M.F.A. (FINE ARTS)
CHOICE BASED CREDIT SYESTEM (CBCS), Elective Paper

Applied Arts (A)- Semester: 2nd
(w.e.f. the academic session 2020-21)

Examination: MFA 2nd Sem. (Elective)

Paper: MFA-E-205 Graphic Design-I (Applied Arts)

Time: 6 Hrs.

Max. Marks: 50

Credit-2

MFA -205 Graphic Design-I (Applied Arts)	
Cos#	Course Outcome
MFA -205.1	To introduce the basics and its need in communication design..
MFA -205.2	To understand various aspect of graphic design and using it in designing..
MFA -205.3	Understanding the relevance of design principals in historic and contemporary art & design.
MFA -205.4	Enhances scientific temperament by application of Design.

Details of course work:

Practical (Medium: Computer)

1. Stationary Set (Visiting Card, Envelope, Letter Head) Total No. of Assignment-3
2. Logo Design/ Symbol/ Monogram/ Insignia: Total No. of assignment-3

15 Marks
15 Marks

3. Illustration (Total no. of assignment-1book with 8 plates), Medium: Computer/ Hand Work.

20 Marks

Table 2: CO – PO matrix for the course MFA -205 – Graphic Design-I (Applied Arts)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA -205.1	2	1	-	1	1	-	1	-	2	-
MFA -205.2	1	2	-	2	-	2	-	-	2	-
MFA -205.3	2	2	2	2	2	2	1	1	2	1
MFA -205.4	1	2	2	1	1	3	2	1	2	-
Average	1.5	1.75	2	1.5	1	1.75	1	0.5	2	0.25

Table 3: CO – PO matrix for the course MFA – 205- Graphic Design-I (Applied Arts)

	PSO1	PSO2	PSO3	PSO4
MFA -205.1	2	3	3	3
MFA -205.2	3	3	3	1
MFA -205.3	2	1	3	3
MFA -205.4	3	1	2	3
Average	2.5	2	2.75	2.5

Kurukshetra University, Kurukshetra
MA & M.F.A. (FINE ARTS)
CHOICE BASED CREDIT SYESTEM (CBCS), Elective Paper

Painting (A), Semester: 2nd
(w.e.f. the academic session 2020-21)

Examination: MFA 2nd Sem. (Elective)

Paper: MFA-E -205 Pictorial Composition-I(Painting)

Time: 6 Hrs.

Max. Marks: 50

Credit-2

MFA-205 Pictorial Composition I (Painting)	
Cos#	Course Outcome
MFA -205.1	Practicing and creating art with different painting medium and developing artistic skill.
MFA -205.2	Functional knowledge of tradition, conventions, and evolution of the discipline as related to issue of representation and illusion.
MFA -205.3	Ability to synthesize the use of drawing, two dimensional compositions and colour
MFA -205.4	Enhances the emotional intelligence.

Basic Studies in specialized mediums of Pictorial Composition-I
Syllabus of Elective

1. Study of Landscape

Medium –Pastel/ Poster/ water colour/ Oil Colour/ Acrylic Colour.

Size- ½ Size and ¼ Size

- Total Number of Assignment - 2 Marks : 20
2. Study of Indian Miniature and Folk art
Size – ¼ and ½ Imp.
Total Number of assignment - 2 Marks : 20
3. Copy of famous art work
Size (2”x2”) paper on canvas
Medium – oil colour, acrylic, poster colour
Total no. of assignment - 1 Marks : 10

Table 2: CO – PO matrix for the course MFA-205 – Pictorial Composition I (Painting)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA -205.1	2	1	-	1	1	-	-	-	2	-
MFA -205.2	3	2	-	2	-	2	-	-	2	-
MFA -205.3	2	2	2	2	1	2	1	-	-	-
MFA -205.4	1	2	2	1	1	3	2	1	2	-
Average	2	1.75	2	1.5	0.75	1.75	0.75	0.25	2	-

Table 3: CO – PO matrix for the course MFA-205 Pictorial Composition I (Painting)

	PSO1	PSO2	PSO3	PSO4
MFA -205.1	2	3	3	3
MFA -205.2	3	3	3	1
MFA -205.3	3	2	3	3
MFA -205.4	3	1	2	3
Average	2.75	2.25	2.75	2.5

M.F.A. (FINE ARTS)
CHOICE BASED CREDIT SYESTEM (CBCS), Elective Paper

Sculpture (S), Semester: 2nd
(w.e.f. the academic session 2020-2021)

Examination: MFA 2nd Sem. (Elective)

Paper: MFA-205 Clay Modeling-I (Sculpture)

Time: 6 Hrs.

Max. Marks: 50

Credit-2

Course Outcome-

Paper: MFA -205Clay Modeling-I (Sculpture)	
Cos#	Course Outcome
MFA --205.1	knowledge to manipulate, integrate and use material to build three dimensional sculpture.
MFA -205.2	Understand to research form, materials and techniques as need by the direction of their sculptural work.
MFA -205.3	Observation and understanding of Natural objects transforming in sculpture art
MFA -205.4	Enhance the belongingness towards mother earth.

Basic Studies in specialized mediums of Caly Modeling

Details of course study:

Practical

1. Introduction to sculpture-basic elements and their relationships-sculptural exercises
2. Knowledge about the clay(preparation of clay)
3. Study of medium like clay with animals, birds, human figure (parts of body) and other object.(round & relief)

Size:-12"x12" x18"

Medium: Clay

Total No. of Assignment – 05 (10 marks each)

Table 2: CO – PO matrix for the course MFA -205 Clay Modeling-I (Sculpture)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA -205.1	2	1	-	1	1	-	-	-	2	-
MFA -205.2	1	2	-	2	-	2	-	-	2	-
MFA -205.3	2	2	1	2	2	2	1	1	2	-
MFA -205.4	1	2	1	1	1	3	2	1	2	-
Average	1.5	1.75	0.5	1.5	1	1.75	0.75	1	2	-

Table 3: CO – PSO matrix for the course MFA-304 Clay Modeling-I (Sculpture)

	PSO1	PSO2	PSO3	PSO4
MFA -205.1	2	3	1	2
MFA -205.2	3	3	2	3
MFA-205.3	2	3	2	1
MFA-205.4	2	2	2	3
Average	2.25	2.75	1.75	2.25

Examination:- MFA 2nd Sem. (Open Elective)

Paper – MFA-OE - 206 (any one Subject opted within the Faculty of Indic Study)

Time: 06 Hours

Max. Marks:- Practical-50

Credit: 2

Syllabus of Elective - Mention in the end .

Kurukshetra University, Kurukshetra

M.F.A. (MASTER OF FINE ARTS) Graphic (Print Making)

(w. e. f. the academic session 2021-22 onwards)

Examination: M.F.A. (Third Semester)

PAPER - MFA-G-301 : HISTORY OF PRINT MAKING

(Theory) Paper- MFA-G-301 : (History of Print Making)	
Cos#	Course Outcome
MFA-G-301.1	Knowledge of Printmaking origin in Easter Continent.
MFA-G-301.2	Enhances critically analyze and interpret new print media in 20 th century.
MFA-G-301.3	Compare, associate and link early print process trough development or art & society.
MFA-G-301.4	Knowledge of Printmaking in India, study of artist works in initial stage.

Time Allowed : 3 Hours

Max. Marks : 80 + 20 Internal Assessment

Credit- 4

Instructions:

- (i) No. of Questions to be set: 09 (02 Questions from each unit) and Question No. 01 is to be set from all over the Units i.e. short type Questions.
- (ii) No. of Questions to be attempted : 05 .Question No. 01 is compulsory
- (iii) All Questions will be of equal marks.

Course of Study

Unit – I

History& development of Printmaking in Far Eastern Countries, U-Kieo-E Wood cut process and their Artist Hokusai, Hirosige, Moronobu, Utamaro, Sharaku.

Unit – II

History of Printmaking in India – Printmaking in India and Introduction of the development in the different areas of India in 19th and 20th Century.

Unit – III

Commercial printing and printmaking in 2nd half of the 19th century printmaking in Bengal in early 20th century. Colonial Influences, Arrival of Lithography

Unit–IV

Contribution to develop the Print Making in India in the early stage.Dannial Brothers , Mukal Chand Day, Tagore Brothers, Raja Ravi Verma, NandLal Bose, BinodBihari, Haren Das, Chittoparsad.

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

- (i) Two handwritten Assignments : 50%
(1st Assignment after one month & 2nd after two months)
 - (ii) One Class Test (One period duration) : 25%
 - (iii) Attendance : 25%
- Marks for attendance will be given as under:-
- (1) 91% onwards : 5 Marks
 - (2) 81% to 90% : 4 Marks
 - (3) 75% to 80% : 3 Marks
 - (4) 70% to 74% : 2 Marks
 - (5) 65% to 69% : 1 Marks

Table 2: CO – PO matrix for the course MFA-G-301 : (History of Print Making)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA-G-301.1	2	-	2	1	1	-	3	2	1	-
MFA-G-301.2	1	-	1	2	-	2	2	-	3	1
MFA-G-301.3	2	2	1	-	-	2	2	1	3	1
MFA-G-301.4	1	3	2	2	1	3	2	-	2	1
Average	2	2.5	1.5	1.67	1	2.34	2.25	1.5	2.25	1

Table 3: CO – PSO matrix for the course MFA-G-301 : (History of Print Making)

	PSO1	PSO2	PSO3	PSO4
MFA-G-301.1	3	2	3	1

MFA-G-301.2	2	3	3	2
MFA-G-301.3	3	3	2	3
MFA-G-301.4	2	3	3	3
Average	2.5	2.75	2.75	2.25

DETAILED SYLLABUS (Practical)
Examination: M.F.A. (Third Semester)

PAPER - MFA-G- 302 COMPOSITION

(Practical) Paper - MFA-G- 302 - (Composition)	
Cos#	Course Outcome
MFA-G-302.1	Enhance the advance Knowledge of printmaking medium as a means of creative and individual expression.
MFA-G-302.2	Develop facility with tools, materials, and techniques inherent to basic printmaking processes.
MFA-G-302.3	Understand and discuss the historical and contemporary role of printmaking media.
MFA-G-302.4	Inculcate the concept to create resolved, original prints using various methods.

Max. Marks : Sessional: 100

Credit - 04

Medium : Relief/Intaglio/Lithography/Screen Print/Mixed Media

Instructions :

- (i) Board of internal Examiner (Chairman, Internal and nominee of chairman) will evaluate the Sessional work at the end of the semester.

Minimum Size of work : 18” x 12”

Sessional Work - Print : 08

Course of Study For Sessional Work

Advanced Studies in any two specialized mediums:

1. Printmaking emphasis on composition and individual technique working in all the following mediums.
 - (a) Relief Process
 - i. Selection of Materials, preparation of surface for various textures.
 - ii. Preparing design and transferring on selected materials, cutting of material and preparing the printing surface.
 - iii. Printing of prepared block. Determine registration for printing of editions.
 - iv. All the procedures for printmaking (preparation of matrix and printing technique) for: a) monochrome and polychrome linocut; b) monochrome and polychrome woodcut; c) wood engraving – facsimile and white engraving; d) Oriental or Japanese woodcut technique – printing with water-based inks; e) planning editions and the organization of the printing of editions.

(b) Intaglio Process

- i. Selection of materials preparations and application of dry and liquid grounds. Study of various chemicals and mordents.
- ii. Preparation of composition on plate with various experiments for textural and tonal values. Different techniques like Dry Point, Aquatint, Mazzotint, Etching, Engraving, Photo Etching etc.
- iii. Printing techniques such as viscosity.
- iv. All procedure for printmaking of: a) monochrome and polychrome etching (single phase and multiphase etching); b) monochrome and polychrome mezzotint (on a roughened plate, on an etching raster, an aquatint raster, on a sandpaper raster); c) monochrome and polychrome aquatint (single phase or multiphase etching); d) monochrome and polychrome reserve – sugar aquatint (open etching and tonal etching).

(c) Lithography (Planography)

- i. Preparation of surface, polished and fine grained experiments with line, tone and texture.
- ii. Understanding the chemical properties of Litho surface Printing
- iii. All the lithograph techniques (according to Senefelder): a) chalk; b) Indian ink – brush and pen; c) wash; d) reserve and spraying; e) litho-mezzotint; f) polychrome lithograph (from 4 to 12 colours); g) offset lithography (Tamarind process).

(d) Screen Printing

- i. Preparations of Screen, Selection of various grades of Nylon, cloth and stretching of cloth.
- ii. Preparation of design by paper stencil, direct method and Indirect Method.
- iii. Printing & Registration for one and multi colour printing.
- iv. All procedures for the hand-making of the stencil (*pochoir*) and all the procedures with photosensitive emulsion in the silkscreen technique (reproduction photography) – monochrome and polychrome silk screens

(e) Mixed Media

- i. Experiments with combined graphic techniques and mediums.

Table 2: CO – PO matrix for the course MFA-G- 302 - (Composition)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA-G-302.1	2	2	-	1	1	3	2	2	3	-
MFA-G-302.2	2	2	1	2	-	3	2	-	3	2
MFA-G-302.3	2	2	2	1	1	3	2	-	2	1
MFA-G-302.4	2	2	1	3	-	2	-	3	3	1
Average	2	2	1.34	1.75	1	2.75	2	2.5	2.75	1.34

Table 3: CO – PSO matrix for the course MFA-G- 302 - (Composition)

	PSO1	PSO2	PSO3	PSO4
MFA-G-302.1	2	3	3	2
MFA-G-302.2	2	3	3	1
MFA-G-302.3	3	2	2	1
MFA-G-302.4	2	2	3	3
Average	2.25	2.5	2.75	1.75

Examination: MFA (Third Semester)

PAPER - MFA-G-303 NEW MEDIA ART

(Practical) Paper - MFA-G-303 - (New Media Art)	
Cos#	Course Outcome
MFA-G-303.1	Develops the artistic skill to work interdisciplinary and collaborative discipline that focuses on our relationship with technology, visual culture, emotion, and performance in contemporary art.
MFA-G-303.2	Enhances the knowledge to find possibilities of creating artwork using emerging technologies within the context of a hands-on studio art environment.
MFA-G-303.3	This inculcates to execute projects challenge, tradition and embrace new forms of aesthetic thinking.
MFA-G-303.4	Inculcates the Moral values with emotional intelligence through the knowledge of art and aesthetics.

Max. Marks : Sessional 100 Credit – 4

Size : Minimum size of the work will be not less than 2 Feet X 2 Feet.

Number of Assignment – 2

Instructions:

- (i) The examiner will evaluate the work of examinee at the end of semester.
- (ii) Internal examiner will evaluate the Sessional work.
- (iii) Any material can be used to create art work which support his/her artistic concept.

Course of Study –

This practice is based with the traditions of avant-garde processes and experimental art making, and responds to the rapid pace of technological development. Student have to create Two Art work/Project work i.e. Installation Art, Film and Video Art, Digital Art, Interactive Art, Performance Art, Animation Art, Immersive Installations Art, Kinetic Art, Light & Sound Art, by using modern technology, Electronic devices, with their **core subject**.

This New media art consist experimental approach in the area of expressive capacities of all the printmaking techniques that the course member has the condition for, that is , for which the studio is appropriately equipped; this concerns all the techniques in which the fundamental premise is the handmade matrix or plate. These comprise: Relief Prints, Intaglio Prints, Plano graphic Prints, and Stencil Prints, and possible procedure for the integration of them into a unified work of art with the concept of new Media Art. Experiments with combined graphic techniques and mediums with using new creative thoughts and applications

Students should also integrate the language of art and technology through an integrated and informed critical practice.

Note - Any material can be used to create art work which support his/her artistic concept.

Table 2: CO – PO matrix for the course MFA-G-303 - (New Media Art)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA-G-303.1	1	2	1	2	3	2	1	2	3	-
MFA-G-303.2	1	-	2	1	-	2	2	1	3	1

MFA-G-303.3	1	2	2	3	1	3	2	-	3	-
MFA-G-303.4	-	3	2	-	-	3	2	2	3	1
Average	1	2.34	1.75	2	2	2.5	1.75	1.67	3	1

Table 3: CO – PSO matrix for the course MFA-G-303 - (New Media Art)

	PSO1	PSO2	PSO3	PSO4
MFA-G-303.1	2	3	3	2
MFA-G-303.2	3	3	3	2
MFA-G-303.3	3	2	3	3
MFA-G-303.4	2	1	2	2
Average	2.5	2.25	2.75	2.25

Applied Arts (A)- Semester: 3rd (w.e.f. the academic session 2021-22)

Examination: MFA 3rd Sem. (Elective)

Paper: MFA-E-304 Graphic Design-II

Time: 6 Hrs.

Max. Marks: 50

Credit-2

Paper: MFA -304 Graphic Design-II (Applied Art)	
Cos#	Course Outcome
MFA -304.1	To understand and develop the basics skill for designing of outdoor media and indoor media..
MFA -304.2	To develop graphic design concepts based work with creative approaches and techniques..
MFA -304.3	To Understand type of graphic design work required for specified purpose.
MFA -304.4	Enhances scientific temperament by application of Design s.

Details of course work:

Practical (Medium: Computer)

- | | |
|---|----------|
| 1. Poster (Total no. of assignment-2) | 20 Marks |
| 2. Hoarding/ Banner. -(Total no. of assignment-1) | 10 Marks |
| Catalogue/ Folder & Invitation etc. (Total no. of assignment-2) | 20 Marks |

Table 2: CO – PO matrix for the course MFA-304 Graphic Design-II (Applied Art)

Cos#	PO1	PO2	PO3	PO4	PO	PO	PO	PO8	PO9	PO1
MFA -304.1	2	3	-	1	-	2	-	-	3	-
MFA -304.2	2	3	-	-	1	2	-	-	3	-
MFA -304.3	2	1	2	1	-	2	1	1	2	1
MFA -304.4	2	2	-	2	-	2	1	-	2	-
Average	1	2.25	2	1	1	2	0.5	0.25	2.5	0.25

Table 3: CO – PSO matrix for the course MFA-304 Graphic Design-II (Applied Art)

	PSO1	PSO2	PSO3	PSO4
MFA -304.1	2	3	1	2

MFA -304.2	2	3	2	2
MFA -304.3	2	3	2	3
MFA -304.4	2	2	2	3
Average	2	2.75	1.75	2.5

Painting (A), Semester: 3rd
(w.e.f. the academic session 2021-22)

Examination: MFA 3rd Sem. (Elective)

Paper: MFA-E-304 Composition-II

Time: 6 Hrs.

Max. Marks: 50

Credit-2

Paper: MFA -304 Composition-II (Painting)	
Cos#	Course Outcome
MFA -304.1	Enhances the creative process through studio exercise and assignments.
MFA -304.2	Understand to control visual and physical control of medium used in the application of colour, Texture & tones, concepts
MFA -304.3	knowledge to develop drawing and painting Skills for creative composition in art.
MFA -304.4	Inculcates Emotional attachment towards nature & society.

Basic Studies in specialized mediums of Composition-II
Syllabus of Elective

1. Study of portraiture and composition based on portrait, object, figure, interior and landscape

Medium – Poster colour, acrylic and oil

Size- 2'x2" (Paper and Canvas)

Total No. of assignment – 3

Marks: 30

2. Study of developing own style in Composition

Medium – Any medium

Only canvas

Total no. of assignment- 2

Marks: 20

Table 2: CO – PO matrix for the course MFA-304 Composition-II (Painting)

Cos#	PO1	PO2	PO3	PO4	PO	PO	PO	PO8	PO9	PO1
MFA -304.1	2	3	-	1	-	2	-	-	3	-
MFA -304.2	2	3	-	-	1	2	-	-	3	-
MFA -304.3	1	1	2	1	-	2	1	2	2	1
MFA -304.4	2	2	-	2	1	2	-	-	2	-
Average	1.75	2.25	0.5	1	0.5	2	1	0.5	2.5	0.25

Table 3: CO – PSO matrix for the course MFA-304 Composition-II (Painting)

	PSO1	PSO2	PSO3	PSO4
MFA -304.1	2	3	1	2
MFA -304.2	2	3	2	2
MFA -304.3	2	3	2	3

MFA -304.4	2	2	2	3
Average	2	2.75	1.75	2.5

Sculpture (S), Semester: 3rd

(w.e.f. the academic session 2021-22)

Examination: MFA 3rd Sem. (Elective)

Paper: MFA-E-304 Clay Modeling-II (Sculpture)

Time: 6 Hrs.

Max. Marks: 50

Credit-2

Course Outcome-

Paper: MFA -304 Clay Modeling-II (Sculpture)	
Cos#	Course Outcome
MFA -304.1	Develop Clay Modeling skills with different medium and handling the techniques
MFA -304.2	Understand to research form, materials and techniques as need by the direction of their sculptural work.
MFA -304.3	Inculcation of visual communication by using Clay Modeling
MFA -304.4	Imparting knowledge of using natural and metal materials for execution of mural works.

Basic Studies in specialized mediums of Clay Modeling-II

Details of course study:

Practical

1. Knowledge about technique and using clay modeling tools for portrait & composition (round & relief)
2. Knowledge about pottery in clay.
3. Fabrication finishing, colouring and polishing
4. Size 12"x12"x18
5. Medium : Clay
6. Total No. of Assignment – 05 (10 marks each)

7. Table 2: CO – PO matrix for the course MFA-304 Clay Modeling-II (Sculpture)

Cos#	PO1	PO2	PO3	PO4	PO	PO	PO	PO8	PO9	PO1
MFA -304.1	2	3	1	1	-	2	-	-	3	-
MFA -304.2	2	3	1	-	1	2	-	-	3	-
MFA -304.3	2	1	-	1	-	2	1	-	1	-
MFA -304.4	2	2	-	2	-	2	-	-	2	-
MFA -304.1	2	2.25	0.5	1	1	2	1	-	2.25	-

8.

9. Table 3: CO – PSO matrix for the course MFA-304 Clay Modeling-II (Sculpture)

	PSO1	PSO2	PSO3	PSO4
MFA -304.1	2	3	1	2

MFA -304.2	2	3	2	2
MFA -304.3	3	3	2	1
MFA -304.4	2	2	2	3
Average	2.25	2.75	1.75	2

Examination:- MFA 3rd Sem. (Open Elective)

Paper – MFA-OE - 306 (any one Subject opted within the Faculty of Indic Study)

Time: 06 Hours Max. Marks:- Practical-50 Credit: 2

Syllabus of Elective - Mention in the end .

Kurukshetra University, Kurukshetra
M.F.A. (MASTER OF FINE ARTS) Graphic (Print Making) Group G
(w. e. f. the academic session 2021-22)

Examination: M.F.A. (Fourth Semester)

PAPER - MFA-G-401 : HISTORY OF PRINT MAKING

(Practical) Paper - MFA-G-401 : (History of Print Making)	
Cos#	Course Outcome
MFA-G-401.1	Imparting study of analytical and critical significance of printmaking introduction in art Institutes.
MFA-G-401.2	Practical Working methods of Different Indian Master Printmakers, techniques to create Print works.
MFA-G-401.3	Enhancing Knowledge of Printmaking Groups and artist associated for Printmaking Growth in India.
MFA-G-401.4	Comprehend advancement in modern media and technology as it impacts in printmaking art.

Time Allowed : 3 Hours Max. Marks : 80 + 20 Internal Assessment Credit - 4

Instructions:

- (i) No. of Questions to be set: 09 (02 Questions from each unit) and Question No. 01 is to be set from all over the Units i.e. short type Questions.
- (ii) No. of Questions to be attempted : 05 .Question No. 01 is compulsory
- (iii) All Questions will be of equal marks.

Course of Study

Unit – I

Introduction of Printmaking in Art Institutions, Conventional Printmaking in Post Independence era growth in printmaking.

Unit – II

Recent printmaking activities, centers and individual printmakers and the aspects of their works like :Somnath Hore, Krishna Reddy, Jyoti Bhatt, Sanat Kar, K. G. Subramaniam, R. B.

Bhaskaran, Rini Dhumal, Anupam Sud, Laxma Goud, Jagmohan Chopra, Rm Pallaniappan, V. Nagdas, Shyam Sharma, Ajit Dubey, Pinaki Barua, Kavita Nayyar, Hanuman Kambli,

Unit – III

Regional printmaking Technique Development, Different printmakers Group, Printmakers Guild, Delhi Shilpi Chakra Artist and their works.

Unit – IV

Contemporary Indian printmaking, New printmaking trends and techniques, Printmaking Studios and working Artist.

Note: - Internal Assessment 20% in each theory paper based on the following criteria:

- | | | |
|---|---|-----|
| (i) Two handwritten Assignments | : | 50% |
| (1st Assignment after one month & 2nd after two months) | | |
| (ii) One Class Test (One period duration) | : | 25% |
| (iii) Attendance | : | 25% |
- Marks for attendance will be given as under:-
- | | | | | | |
|-----------------|---|---------|----------------|---|---------|
| (1) 91% onwards | : | 5 Marks | (4) 70% to 74% | : | 2 Marks |
| (2) 81% to 90% | : | 4 Marks | (5) 65% to 69% | : | 1 Marks |
| (3) 75% to 80% | : | 3 Marks | | | |

Suggested Book Readings

1. Graphic Art in India since 1850 - Lalit Kala Academy
2. Contemporary Art (Journal) – Lalit Kala Academy
3. Water Based Screen Printing – Steve Hoskins
4. Stone Lithography – Paul Croft
5. Digital Printmaking – George Whale and Naren Barfield.
6. The Complete Printmaker (Techniques/Traditions/Innovations) – John Ross/Clare Romano/Tim Ross
7. Block and Silk Screen Printing – G. Ahlberg and O. Jarneryd.
8. Early Graphic Art in Bengal (Journal) – Lalit Kala Academy, Pranabranjan Roy.
9. Three Graphic Artist (Journal) – Lalit Kala Academy, Geeta Kapoor.
10. Graphic Art and Craft – D. Kauffmann.
11. Silk Screen Techniques – Biegeleisen and Cohn
12. The Art of the Print – Fritz Eichenberg.
13. Print Making Today – Jules Heller
14. Graphic Art of 18th Century – Jean Adhemer.
15. A Half Century of American Print Making – A Fern
16. Great Prints of the world – Peterdi Gabor
17. Modern Japanese Prints – Oliver Statler.
18. The Art of Lithography – D.C. Berri
19. Offset Printing from stone and plates – Charles Harrap.
20. Japanese Woodblock printing – Umetaro Azechi.
21. Experiments in Wood Cut – Wodern Day.

22. An Introduction to a History of Wood cut – A.M. Hind
23. Wood Cut and Wood Engravings and How I make them – H.A. Mueller.
24. The Collograph Print – David Bernard
25. A History of Etching and Engraving – Arthur Hind
26. Silk Screen Printing for the Artist – Roger Marsh
27. Silk Screen Method of Reproduction – Bert Zahn
28. Japanese wood cutting and wood cut printing – Mr. T. Tokuno.
29. Dictionary of Print Making Terms – Rosemary Simmons
30. The complete print maker (Techniques/traditions/innovations) – John Ross/Clare Romano/Tim Ross
31. How to Identify Prints – Bamber Gaspar

Table 2: CO – PO matrix for the course MFA-G-401 : (History of Print Making)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA-G-401.1	2	-	2	1	1	-	3	2	1	-
MFA-G-401.2	1	-	1	2	-	2	2	-	3	1
MFA-G-401.3	2	2	1	-	-	2	2	1	3	1
MFA-G-401.4	1	3	2	2	1	3	2	-	2	1
Average	1.5	2.5	1.5	1.67	1	2.34	2.25	1.5	2.25	1

Table 3: CO – PSO matrix for the course MFA-G-401 : (History of Print Making)

	PSO1	PSO2	PSO3	PSO4
MFA-G-401.1	3	3	2	2
MFA-G-401.2	2	3	3	2
MFA-G-401.3	1	3	3	3
MFA-G-401.4	3	2	3	3
Average	2.25	2.75	2.75	2.5

DETAILED SYLLABUS

Examination: **M.F.A. (Fourth Semester)**

PAPER - MFA-G- 402: DISSERTATION

(Practical) Paper - MFA-G- 402: - (Dissertation)	
Cos#	Course Outcome
MFA-G-402.1	Develop the intellectual, verbal and writing skills necessary to articulate the relation of their work to contemporary contexts and historical developments in the visual arts.
MFA-G-402.2	Students should acquire a deep knowledge of Fine Art, as well as of the field's theoretical and historical foundations, with Modern Developments.
MFA-G-402.3	They will use innovative theoretical and methodological approaches to generate new approaches to the Art of representation understood within broader socio-cultural perspectives for Research.
MFA-G-402.4	Develop to find, analyze, evaluate, select and integrated information using various sources, also from field of knowledge beyond Art, and form critical judgments on the basis, as an exit point of planning his own studies.

Max. Marks: 100

Credit -4

Instructions

Synopsis presentation & approval of subject – August.
 Presentation & Seminar on progress of Dissertation - January.
 Final submission – 31st March. (Three Hard copies should be submitted positively before the commencement of the examination + Soft Copy on CD).
 The evaluation of Dissertation and Viva-voce will be conducted by External & Internal Examiner.

Course of Study

- (i) A critical and analytical aspect of Painting, Applied Arts , Sculpture, Graphics (Print Making) etc.
- (ii) A critical and analytical aspect of History of Art.
- (iii) Folk, Tribal Art and Popular form of Art.
- (iv) Concept of Aesthetics or Philosophy.
- (v) Contemporary Artists.
- (vi) New trends in Contemporary Art.
- (vii) Any other new relevant topic including experimentation.etc.

Table 2: CO – PO matrix for the course MFA-G- 402: - (Dissertation)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA-G-402.1	2	3	2	2	1	3	2	3	3	1
MFA-G-402.2	2	3	2	2	-	3	1	2	2	-
MFA-G-402.3	2	2	1	1	-	2	-	2	1	-
MFA-G-402.4	2	3	1	2	1	2	1	2	3	1
Average	2	2.75	1.5	1.75	1	2.5	1.34	2.25	2.25	1

Table 3: CO – PSO matrix for the course MFA-G- 402: - (Dissertation)

	PSO1	PSO2	PSO3	PSO4
MFA-G-402.1	3	3	3	3
MFA-G-402.2	3	3	3	3
MFA-G-402.3	3	3	2	2
MFA-G-402.4	2	3	2	3
Average	2.75	3	2.5	2.75

DETAILED SYLLABUS (Practical)

Examination: **M.F.A. (Fourth Semester)**

PAPER - MFA-G- 403 COMPOSITION Credit – 12

(Practical) Paper - MFA-G- 302 - (Composition)	
Cos#	Course Outcome
MFA-G-403.1	Enhance the advance Knowledge of printmaking medium as a means of creative and individual expression.
MFA-G-403.2	Develop facility with tools, materials, and techniques inherent to basic printmaking processes.
MFA-G-403.3	Understand and discuss the historical and contemporary role of printmaking media.
MFA-G-403.4	Inculcate the concept to create resolved, original prints using various methods.

Time Allowed :24 Hours Max. Marks : 300 (Examination : 200 & Sessional : 100)

Medium : Relief/Intaglio/Lithography/Screen Print/Mixed Media

Instructions :

- (ii) The examiner will evaluate the work of examinee on the last day of the examination and if the examiner did not turn up on the last day, the art work will be kept in a sealed lock custody and as and when the examiner comes as his/her convenient date can evaluate the practical paper.
- (iii) Board of internal Examiner (Chairman, Internal and nominee of chairman) will evaluate the Sessional work.
- (iv) Minimum Size of work : 18" x 12"
Sessional Work, Total Prints : 07

Table 2: CO – PO matrix for the course MFA-G- 302 - (Composition)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA-G-403.1	2	2	-	1	1	3	2	2	3	-
MFA-G-403.2	2	2	1	2	-	3	2	-	3	2
MFA-G-403.3	2	2	2	1	1	3	2	-	2	1
MFA-G-403.4	2	2	1	3	-	2	-	3	3	1
Average	2	2	1.34	1.75	1	2.75	2	2.5	2.75	1.34

Table 3: CO – PSO matrix for the course MFA-G- 302 - (Composition)

	PSO1	PSO2	PSO3	PSO4
MFA-G-403.1	3	3	3	1
MFA-G-403.2	2	3	3	1
MFA-G-403.3	3	2	3	2
MFA-G-403.4	3	3	3	2
Average	2.75	2.75	3	1.5

DETAILED SYLLABUS

Examination: MFA (Fourth Semester)

PAPER - MFA-G-404 (EXHIBITION + VIVA + REPORT)

(Practical) Paper - MFA-G-404 - (Exhibition + Viva + Report)	
Cos#	Course Outcome
MFA-G-404.1	Improve communication skills through researching, writing, and formal presentation.
MFA-G-404.2	Develop professional practices and pertaining to individual professionalism and development.
MFA-G-404.3	Investigate option for further study of career path, artistic development in chosen field.
MFA-G-404.4	Knowledge to customize a portfolio work for professional objective.

Max Marks: 100 (50+25+25)

Credit – 4

Instructions

(i) One Solo Exhibition of his/her own Art work done during 1st 2nd 3rd & 4th Semester will be conducted at the end of 4th semester. Internal Examiner will evaluate their technical & aesthetics performance of each candidate at the time of exhibition.

(ii) Viva will be conducted by Internal & External Examiner.

(iii) A Report will be present in open seminar about the Own Art journey during study & about the Exhibition done.

Table 2: CO – PO matrix for the course MFA-G-404 - (Exhibition + Viva + Report)

Cos#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MFA-G-404.1	3	3	2	1	-	2	1	2	3	-
MFA-G-404.2	2	2	-	1	1	3	2	2	3	-
MFA-G-404.3	2	3	1	1	-	2	1	1	3	1
MFA-G-404.4	1	3	1	2	1	3	1	2	3	1
Average	2	2.75	1.34	1.25	1	2.5	1.25	1.75	3	1

Table 3: CO – PSO matrix for the course MFA-G-404 - (Exhibition + Viva + Report)

	PSO1	PSO2	PSO3	PSO4
MFA-G-404.1	2	3	3	2
MFA-G-404.2	2	3	3	2
MFA-G-404.3	2	3	3	2
MFA-G-404.4	1	3	2	3
Average	1.75	3	2.75	2.25

Table 4 : CO-PO-PSO mapping matrix for all the course of MFA – Graphics (G)

Course Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO 0	PSO 1	PSO 2	PSO 3	PSO 4
MFA-P-101	01	01	01	01	0	0	01	02	02	0	03	2.75	2.75	2.75	
MFA-G-102	2	2	2.67	2	1	2.5	2.5	1.34	3	1	2.75	2.75	2	2.25	
MFA-G-103	2	2	1.34	1.75	1	2.75	2	2.5	2.75	1.34	1.75	3	3	1.5	
MFA-G-104	1	2.34	1.75	2	2	2.5	1.75	1.34	3	1	2.25	2.25	2.75	2.25	
MFA-P-201	01	01	01	01	0	0	01	02	02	0	3	03	2.75	2.75	
MFA-G-202	2	1.75	1.5	1	1	2.25	2.5	1.25	3	1	2.75	2.75	1.75	2.25	
MFA-G-203	2.25	2	1	1.75	1	2.75	1	1.5	3	1	2.25	2.5	2.75	1.75	
MFA-G-204	2	2	1	1.67	1.5	2.25	2.34	1.67	3	1	2	3	2.5	2.25	
MFA-E-205	1.5	1.75	2	1.5	1.25	1.75	1.5	1	2	2.5	2.25	2.75	2.5	2.5	
MFA-OE-206	1.25	1.75	1	2	0.25	-	1	1	3	-	2.5	2.5	2.75	2.25	
MFA-G-301	2	2.5	1.5	1.67	1	2.34	2.25	1.5	2.25	1	2.5	2.75	2.75	2.25	
MFA-G-302	2	2	1.34	1.75	1	2.75	2	2.5	2.75	1.34	2.25	2.5	2.75	1.75	
MFA-G-303	1	2.34	1.75	2	2	2.5	1.75	1.67	3	1	2.5	2.25	2.75	2.25	
MFA-E-304	1.75	2.25	2	1.34	1	2	1	-	2.5	1	2	2.75	1.75	2	
MFA-OE-305	1	1.75	0.75	1.25	0.75	2	0.5	1.25	2.5	-	2.75	2.75	2.75	2.5	
MFA-G-401	1.5	2.5	1.5	1.67	1	2.34	2.25	1.5	2.25	1	2.25	2.75	2.75	2.5	
MFA-G-402	2	2.75	1.5	1.75	1	2.5	1.34	2.25	2.25	1	2.75	3	2.5	2.75	
MFA-G-403	2	2	1.34	1.75	1	2.75	2	2.5	2.75	1.34	2.75	2.75	3	1.5	
MFA-G-404	2	2.75	1.34	1.25	1	2.5	1.25	1.75	3	1	1.75	3	2.75	2.25	

Kurukshetra University, Kurukshetra
Scheme of Examinations for B.Sc. (Medical)
under
Choice Based Credit System (CBCS)
w.e.f. 2020-21 (in phased manner)
Subject: Biotechnology

Se mes ter	COUR SE	Paper	Nomenclature of Paper	Credi ts	Workl oad (hrs/w eek)	Internal marks	Ext erna l Mar ks	Total	Durati on of exam (hrs)
1	CC- Biotec hnolog y-I	B-BTY-101	Basic of Biotechnology –I	3	3	15	60	75	3
		B-BTY -102	Basic of Biotechnology – II	3	3	15	60	75	3
		B-BTY -103	Practicals	2	4	10	40	50	3
2	CC- Biotec hnolog y-II	B-BTY -201	Enzymes	3	3	15	60	75	3
		B-BTY -202	Metabolism	3	3	15	60	75	3
		B-BTY -203	Practicals	2	4	10	40	50	3
3	CC- Biotec hnolog y -III	B-BTY -301	Microbiology-I	3	3	15	60	75	3
		B-BTY -302	Microbiology-II	3	3	15	60	75	3
		B-BTY -303	Practicals	2	4	10	40	50	3
4	CC- Biotec hnolog y -IV	B-BTY -401	Molecular Biology	3	3	15	60	75	3
		B-BTY -402	Recombinant DNA Technology	3	3	15	60	75	3
		B-BTY -403	Molecular Biology & Recombinant DNA Technology -Practicals	2	4	10	40	50	3
	SEC- Biotec hnolog y- 1	B-BTY –S1	Bioanalytical Tools	2	2	10	40	50	3
5	DSE- Biotec hnolog y -I	B-BTY -501	Animal Biotechnology-I	2	2	10	40	50	3
		B-BTY -502	Animal Biotechnology -II	2	2	10	40	50	3
		B-BTY -503	Animal Biotechnology- Practical	2	4	10	40	50	3
			OR						
		B-BTY -504	Medical Biotechnology-I	2	2	10	40	50	3
		B-BTY -505	Medical Biotechnology-II	2	2	10	40	50	3
		B-BTY -506	Medical Biotechnology- Practical	2	4	10	40	50	3
		B-BTY -507	MOOC* (From Swayam	*				*	

			Portal)						
6	DSE-Biotechnology -II	B-BTY -601	Plant Biotechnology-I	2	2	10	40	50	3
		B-BTY -602	Plant Biotechnology-II	2	2	10	40	50	3
		B-BTY -603	Plant Biotechnology-Practical	2	4	10	40	50	3
		OR							
		B-BTY -604	Immunology-I	2	2	10	40	50	3
		B-BTY -605	Immunology-II	2	2	10	40	50	3
		B-BTY -606	Immunology-Practical	2	4	10	40	50	3

Note- SEC can be offered in 4th, 5th or 6th semester depending upon the time table adjustments in the institute/college

Programme Outcomes (POs) for UG courses of Faculty of Life Sciences

1. To develop skills in graduate students to be able to acquire theoretical and practical knowledge in fundamentals of biology in respective disciplines of plants, animals, microbes and environment.
2. To inculcate ability to critically evaluate problems and apply lateral thinking and analytical skills for professional development.
3. To create awareness on ethical issues, good laboratory practices and biosafety.
4. To develop ability in youth for understanding basic scientific learning and effective communication skills.
5. To prepare youth for career in teaching, industry, government organizations and self reliant entrepreneurship.
6. To make students aware of natural resources and environment and its sustainable utilization.
7. To provide learning experience in students that instills deep interest in biological science for the benefit of society.

Programme specific Outcomes for UG courses in Biotechnology

After the successful completion of the programme the student will be able to

PSO1 : demonstrate the knowledge and understanding of biological sciences i.e. structure and function of biological molecules, biological mechanisms, such as the processes and control of bioenergetics and metabolism, as chemical reactions with engineering technologies to manipulate living organisms and biological systems to produce products that advance healthcare, medicine, agriculture, food, pharmaceuticals and environment control

PSO2 : critically think and correlate the biological knowledge of distribution, morphology and physiology of organisms (animals, plants and microorganisms) to techniques in aseptic procedures, isolation, identification, characterization and modifications to improve quality of life in person as well as community.

PSO3: demonstrate an understanding of the principles of bio- techniques, and exhibit basic professional skills pertaining to biotechnology, carry out laboratory-orientated numerical calculations and analyse biological data (e.g. in enzyme kinetics, molecular structure analysis, microbiological techniques, immunological inferences)

PSO4 : scientific writing and authentic reporting, effective presentation skills and ability to work in a group with cooperation

Semester I
CC-BIOTECHNOLOGY-1
Paper B-BTY-101
BASICS OF BIOTECHNOLOGY-I

Credits: 3
Total Marks: 75
External Marks: 60
Internal Assessment: 15
Examination Time: 3 h

Learning Outcomes: On successful completion of the course the students will be able to

- 101.1 Demonstrate the knowledge of the concept and applications of biotechnology in animals and plants
- 101.2 give an insight of scope and applications of biotechnology in agriculture, environment, food and chemical industries

Approaches to teaching

Lectures, Chalk and board teaching, power point Presentations, models, Group Discussion

Requirements

Regular attendance and active participation during the course; Books and reference material; assignments and presentations etc

Evaluation

The performance of the students will be evaluated against the expected learning course outcomes on the basis of class participation, regularity, house tests, quiz and assignments carrying 20 percent of the marks and the rest through Terminal Examination

Mode of paper setting

Seven questions will be set in all. Question No.1 comprising of objective/short answer type questions from the entire syllabus, will be compulsory. The remaining six questions will be set taking three questions from each section. The candidates will be required to attempt Q.No.1 & four others selecting two questions from each section. All questions carry equal marks.

SECTION-A

Definition and scope of Biotechnology; introduction of genetic engineering; plant and animal tissue culture; Animal Biotechnology; Plant Biotechnology; fermentation technology; immobilized enzymes; monoclonal antibodies and hybridoma technology; embryo transfer technology; preservation techniques; introduction to gene and genomes, Proteins and proteome, history of genetic manipulations; recombinant DNA technology, DNA fingerprinting and forensic analysis.

SECTION-B

Application of biotechnology in agriculture; animal and veterinary sciences, Environment biotechnology; pharmaceutical industry, food industry and chemical industry. Bioremediation and waste treatment biotechnology. Biotechnology research in India. Biotechnology in context of developing world. Brief account of safety guidelines and risk assessment in biotechnology. Ethics in Biotechnology, Intellectual property rights.

Suggested Reading

1. Elements of Biotechnology - PK Gupta
2. Gene Biotechnology - S.N. Jogdand
3. Biotechnology 5th Edition (Cambridge) - John E. Smith
4. Biotechnology for beginners - Reinhard Renneberg Academic Press

Semester I
CC-BIOTECHNOLOGY-I
Paper B-BTY-102
BASICS OF BIOTECHNOLOGY-II

Credits: 3
Total Marks: 75
External Marks: 60
Internal Assessment: 15
Examination Time: 3 h

Learning Outcomes: After the successful completion of the course the student will be able to

- 102.1 Classify, define, draw structures and explain various properties of carbohydrates and various types of lipids: correlate them to their functions.
- 102.2 Classify, draw structures of standard amino acids, explain chemical and physical properties of amino acids; Describe different classes of proteins and nucleic acids; explain different levels of their structural organization

Approaches to teaching

Lectures, Chalk and board teaching, power point Presentations, models, Group Discussion

Requirements

Regular attendance and active participation during the course; Books and reference material; assignments and presentations etc

Evaluation

The performance of the students will be evaluated against the expected learning course outcomes on the basis of class participation, regularity, house tests, quiz and assignments carrying 20 percent of the marks and the rest through Terminal Examination

Mode of paper setting

Seven questions will be set in all. Question No.1 comprising of objective/short answer type questions from the entire syllabus, will be compulsory. The remaining six questions will be set taking three questions from each section. The candidates will be required to attempt Q.No.1 & four others selecting two questions from each section. All questions carry equal marks.

SECTION-A

Carbohydrates: Structure, Function and properties of Monosaccharides, Disaccharides and Polysaccharides. Homo & Hetero Polysaccharides, Mucopolysaccharides, Bacterial cell wall polysaccharides, Glycoprotein's and their biological functions.

Lipids: Structure and functions –Classification, nomenclature and properties of fatty acids, essential fatty acids. Phospholipids, sphingolipids, glycolipids, cerebrosides, gangliosides, Prostaglandins, Cholesterol.

SECTION-B

Amino acids & Proteins: Structure & Function. Structure and properties of Amino acids, Types of proteins and their classification, Forces stabilizing protein structure and shape. Different Level of structural organization of proteins, Protein Purification. Denaturation and renaturation of proteins. Fibrous and globular proteins.

Nucleic acids: Structure and functions: Physical & chemical properties of Nucleic acids, Nucleosides & Nucleotides, purines & pyrimidines,. Biologically important nucleotides, Double helical model of DNA structure and forces responsible for A, B & Z – DNA, denaturation and renaturation of DNA.

Suggested Reading

1. Lehninger: Principles of Biochemistry, 3rd edition, by David L. Nelson and M.M. Cox (2000) Maxmillan/ Worth publishers.
2. Fundamentals of Biochemistry by Donald Voet and Judith G Voet (1999). John Wiley & Sons, NY
3. Biochemistry, 2nd edition, by R.H. Garrett and C.M. Grisham (1999). Saunders College Publishing, NY.
4. Outlines of Biochemistry by E.E.Conn, P.K.Stumpf, G. Bruening and Ray H.Doie (1987), John Wiley
5. Biochemistry, 2nd edition, by Laurence A. Moran, K.G. Scrimgeour, H. R. Horton, R.S. Ochs and J. David Rawn (1994), Neil Patterson Publishers Prentice H.
6. Introductory Biochemistry by S.K.Singla&O.P.Chauhan (1995) Kalyani Publishers, New Delhi.
7. Biochemistry by J.L. Jain, S. Chand & Co.

Semester I
CC-BIOTECHNOLOGY-I
Paper B-BTY-103
BASICS OF BIOTECHNOLOGY- PRACTICALS

Credits: 2
Max. Marks: 50
External Marks: 40
Internal Assessment: 10
Time allowed: 3 h (one session)

- 103.1 Prepare various types of solutions used in qualitative and quantitative biochemical estimations; verify and apply the basic principles of spectroscopy
103.2 Analyse the unknown samples qualitatively for the presence of various biomolecules

Approaches to teaching

Instructions, Chalk and board teaching, demonstrations, models, practical and practice

Requirements

Regular attendance and active participation during the course; reference material; laboratory equipments, glassware and chemicals

Evaluation

The performance of the students will be evaluated against expected learning course outcomes on the basis of class participation, regularity, performance in lab practicals, records and viva voce.

Practicals:

1. Study of instruments: Autoclave, Hot air oven, pH meter, Laminar airflow and centrifuge
2. Preparation of normal, molar, percent solutions, buffer solutions and determination of their pH.
3. Qualitative tests for Carbohydrates
4. Qualitative tests for lipids
5. Qualitative tests for amino acids and Proteins
6. Verification of Beer- Lambert's Law

Suggested Reading:

1. Elements of Biotechnology; Gupta PK, Rastogi Publications, Meerut.
2. Gene Biotechnology - S.N. Jogdand
3. Berg, J. M., Tymoczko, J. L. and Stryer, L. (2006). Biochemistry. VI Edition. W.H Freeman and Co.
4. Buchanan, B., Gruissem, W. and Jones, R. (2000) Biochemistry and Molecular Biology of Plants. American Society of Plant Biologists.
5. Nelson, D.L., Cox, M.M. (2004) Lehninger Principles of Biochemistry, 4th Edition, WH Freeman and Company, New York, USA

Semester-2
CC-BIOTECHNOLOGY-II
Paper B-BTY-201
ENZYMES

Credits: 3
Total Marks: 75
External Marks: 60
Internal Assessment: 15
Examination Time: 3 h

Learning Outcomes: After successful completion students will be able to

- 201.1 Define various characteristics of enzymes, classify them, elaborate the role of cofactors in enzyme catalysis and describe various approaches for purification of enzymes
- 201.2 Exhibit the knowledge of enzyme kinetics of unisubstrate reactions, various kinetics parameters (K_m , V_{max} etc.), different types of enzyme inhibitions; analyse the industrial importance of enzymes and the techniques to use them..

Approaches to teaching

Lectures, Chalk and board teaching, power point Presentations, models, Group Discussion

Requirements

Regular attendance and active participation during the course; Books and reference material; assignments and presentations etc

Evaluation

The performance of the students will be evaluated against the expected learning course outcomes on the basis of class participation, regularity, house tests, quiz and assignments carrying 20 percent of the marks and the rest through Terminal Examination

Mode of paper setting

Seven questions will be set in all. Question No.1 comprising of objective/short answer type questions from the entire syllabus, will be compulsory. The remaining six questions will be set taking three questions from each section. The candidates will be required to attempt Q.No.1 & four others selecting two questions from each section. All questions carry equal marks.

SECTION-A

Enzymes: Historical perspectives, general characteristics, nomenclature & classification, significance of numbering system, holoenzyme, apoenzyme, coenzymes, cofactors, activators, inhibitors, active site, metallo-enzymes, isoenzymes, monomeric enzymes, oligomeric enzymes, multifunctional enzyme and multi-enzyme complexes. Enzyme specificity. Measurement and expression of enzyme activity: Enzyme assay, enzyme units, enzyme turn over number and specific activity. Role of

cofactors in enzyme catalysis: NAD/NADP, FMN/FAD, coenzyme A, biocytin, Vitamin B12 Coenzyme, lipoamide, TPP, pyridoxal phosphate, tetrahydrofolate and metal ions with special emphasis on coenzyme functions

Enzyme Purification: Methods of isolation of enzymes, purification of enzymes - ammonium sulfate precipitation, molecular-sieving, ion-exchange chromatography, affinity chromatography, criteria of homogeneity and determination of molecular weight of enzyme.

SECTION-B

Enzyme Kinetics: Factors affecting enzyme activity- enzyme concentration, substrate concentration, pH and temperature. Derivation of Michaelis - Menten equation for uni-substrate reactions. K_m and its significance. Lineweaver-Burk plot. Importance of K_{cat}/K_m . Bi-substrate reactions- brief introduction of sequential and ping-pong mechanisms with examples. Reversible (competitive, non-competitive and uncompetitive inhibitions) and irreversible inhibition. Determination of K_m & V_{max} in the presence and absence of inhibitor. **Enzyme regulation:** Feed back inhibition, Allosteric enzymes. Covalently modulated enzymes. Zymogen activation. **Immobilized enzymes:** Advantages, methods of immobilization - Adsorption, ionic binding, covalent coupling, cross-linking, entrapment, microencapsulation etc. Applications of immobilized enzymes (A brief account). Industrial applications of enzymes (Production of glucose from starch, cellulose and dextran; use of lactase in dairy industry; production of glucose-fructose syrup from sucrose; use of protease in food, detergent and leather industry).

Suggested Reading

1. Enzymes: Biochemistry, Biotechnology and Clinical Chemistry by Trevor Palmer (2001) Horwood Publishing.
2. Fundamentals of Enzymology, 3rd edition, by Nicholas C. Price and Lewis Stevens (1999) Oxford U.
3. The Chemical Kinetics of Enzyme action by K.J. Laidler and P.S. Bunting, Oxford University Press London.
4. Structure and mechanism in Protein Science, 2nd edition, by Alan Fersht (1999). W.H. Freeman and Co., NY

Semester-2
CC-BIOTECHNOLOGY-II
Paper B-BTY-202
METABOLISM

Credits: 3
Total Marks: 75
External Marks: 60
Internal Assessment: 15
Examination Time: 3 h

Learning Outcomes: On successful completion of the course the student will be able to

- 202.1 describe the metabolic pathways *i.e.* glycolysis (catabolism), gluconeogenesis (anabolism), and TCA cycle, their regulations; the reactions and regulation of lipid catabolism by beta, oxidative pathways
- 202.2 analyse how amino acid catabolism leads to formation of diverse type molecules including ketone bodies, glucose, urea; discuss the catabolism and anabolism of nucleic acids

Approaches to teaching

Lectures, Chalk and board teaching, power point Presentations, models, Group Discussion

Requirements

Regular attendance and active participation during the course; Books and reference material; assignments and presentations etc

Evaluation

The performance of the students will be evaluated against the expected learning course outcomes on the basis of class participation, regularity, house tests, quiz and assignments carrying 20 percent of the marks and the rest through Terminal Examination

Mode of paper setting

Seven questions will be set in all. Question No.1 comprising of objective/short answer type questions from the entire syllabus, will be compulsory. The remaining six questions will be set taking three questions from each section. The candidates will be required to attempt Q.No.1 & four others selecting two questions from each section. All questions carry equal marks.

SECTION-A

Carbohydrate Metabolism – Aerobic & Anaerobic glycolysis, sequence of reactions in glycolysis, regulation in glycolysis, citric acid cycle, glycogenesis, glycogenolysis (sequence of reactions & regulation), Pentose-phosphate pathway (sequence of reactions & regulation), extraction of energy from food sources.

Lipid Metabolism – Structures and roles of Fatty acids & Glycerols, beta oxidation of saturated fatty acids, oxidation of unsaturated fatty acids, oxidation of odd chain fatty acids, energy yield, ketone bodies

SECTION-B

Amino acid Metabolism – Amino acid breakdown (amino acid deamination, Urea cycle, metabolic breakdown of individual amino acids – glucogenic & ketogenic amino acids), amino acids as biosynthetic precursors (haem biosynthesis & degradation, biosynthesis of epinephrine, dopamine, serotonin, GABA, histamine, glutathione); biosynthesis of essential & non-essential amino acids.

Nucleotide Metabolism – biosynthesis of purine & pyrimidine (de novo & salvage pathway); degradation of purine & pyrimidine.

Suggested Reading

1. Lehninger: Principles of Biochemistry, 3rd edition, by David L. Nelson and M.M. Cox (2000) Maxmillan/ Worth publishers.
2. Fundamentals of Biochemistry by Donald Voet and Judith G Voet (1999). John Wiley & Sons, NY
3. Biochemistry, 2nd edition, by R.H. Garrett and C.M. Grisham (1999). Saunders College Publishing, NY.
4. Outlines of Biochemistry by E.E.Conn, P.K.Stumpf, G. Bruening and Ray H.Doi (1987), John Wiley
5. Biochemistry, 2nd edition, by Laurence A. Moran, K.G. Scrimgeour, H. R. Horton, R.S. Ochs and J. David Rawn (1994), Neil Patterson Publishers Prentice H.
6. Introductory Biochemistry by S.K.Singla & O.P.Chauhan (1995) Kalyani Publishers, New Delhi.
7. Biochemistry by J.L. Jain, S. Chand & Co.

Semester – 2
CC-BIOTECHNOLOGY-II
Paper B-BTY-203
ENZYMES AND METABOLISM-PRACTICALS

Credits: 2
Max. Marks: 50
External Marks: 40
Internal Assessment: 10
Time allowed: 3 h (one session)

Learning Outcomes: On successful completion of the course the student will be able to

- 203.1 Exhibit skills in extraction and quantitatively estimating the enzyme activity, K_m , V_{max} and protein content of the samples
- 203.2 Isolate and characterize carbohydrates, lipids and proteins from the natural sources

Approaches to teaching

Instructions, Chalk and board teaching, demonstrations, models, practical and practice

Requirements

Regular attendance and active participation during the course; reference material; laboratory equipments, glassware and chemicals

Evaluation

The performance of the students will be evaluated against expected learning course outcomes on the basis of class participation, regularity, performance in lab practicals, records and viva voce.

Practicals;

1. Estimation of protein by biuret / Lowry method
2. Assay of acid phosphatase activity from germinating mungbean seeds and calculation of specific activity of acid phosphatase.
3. Effect of enzyme concentration on enzyme activity.
4. Effect of substrate concentration on acid phosphatase activity and determination of its K_m value.
5. Preparation of starch from potato and determination of achromatic point by salivary amylase
6. Isolation of total lipids by Folch method and determine acid value.
7. Isolation of casein from milk and determination of isoelectric pH.

Suggested Reading:

1. Introductory Practical Biochemistry by S.K.Sawhney & R. Singh (2000). Narosa Publishers
2. Practical Biochemistry by David Plummer (1990). Tata Mc-Graw Hill

3. Biochemical Methods by Sadasivam&Manickam (1996) New Age International (P) Ltd.
4. Modern Experimental Biochemistry, 3rd edition, by R. Boyer (2002) Addison-Wesley Longman.

Semester – 3
CC-BIOTECHNOLOGY-III
Paper B-BTY-301
MICROBIOLOGY-1

Credits: 3
Total Marks: 75
External Marks: 60
Internal Assessment: 15
Examination Time: 3 h

Learning Outcomes: On successful completion of the course the student will be able to

301.1 Illustrate the knowledge of history, scope, classification, various approaches of study and microbial diversity

3012.Give an account of microbial growth, reproduction, metabolism and methods to control them :Identify the microorganisms in water and food

Approaches to teaching

Lectures, Chalk and board teaching, power point Presentations, models, Group Discussion

Requirements

Regular attendance and active participation during the course; Books and reference material; assignments and presentations etc

Evaluation

The performance of the students will be evaluated against the expected learning course outcomes on the basis of class participation, regularity, house tests, quiz and assignments carrying 20 percent of the marks and the rest through Terminal Examination

Mode of paper setting

Seven questions will be set in all. Question No.1 comprising of objective/short answer type questions from the entire syllabus, will be compulsory. The remaining six questions will be set taking three questions from each section. The candidates will be required to attempt Q.No.1 & four others selecting two questions from each section. All questions carry equal marks.

SECTION-A

Fundamentals, History and Evolution of Microbiology. Classification of microorganisms: Microbial taxonomy, criteria used including molecular approaches, Microbial phylogeny and current classification of bacteria. Microbial Diversity: Distribution and characterization Prokaryotic and Eukaryotic cells, Morphology and cell structure of major groups of microorganisms eg. Bacteria, Algae, Fungi, Protozoa and Unique features of viruses.

Cultivation and Maintenance of microorganisms: Nutritional categories of microorganisms, methods of isolation, Purification and preservation.

SECTION-B

Microbial growth: Growth curve, Generation time, synchronous batch and continuous culture, measurement of growth and factors affecting growth of bacteria. Microbial Metabolism: Metabolic pathways, amphi-catabolic and biosynthetic pathways Bacterial Reproduction: Transformation, Transduction and Conjugation. Endospores and sporulation in bacteria.

Control of Microorganisms: By physical, chemical and chemotherapeutic Agents

Water Microbiology: Bacterial pollutants of water, coliforms and non coliforms. Sewage composition and its disposal.

Food Microbiology: Important microorganism in food Microbiology: Moulds, Yeasts, bacteria. Major food born infections and intoxications, Preservation of various types of foods. Fermented Foods.

SUGGESTED READING

1. Alexopoulos CJ, Mims CW, and Blackwell M. (1996). Introductory Mycology. 4 th edition. John and Sons, Inc.
2. Jay JM, Loessner MJ and Golden DA. (2005). Modern Food Microbiology. 7th edition, CBS Publishers and Distributors, Delhi, India.
3. Kumar HD. (1990). Introductory Phycology. 2nd edition. Affiliated East Western Press.
4. Madigan MT, Martinko JM and Parker J. (2009). Brock Biology of Microorganisms. 12th edition. Pearson/Benjamin Cummings.
5. Pelczar MJ, Chan ECS and Krieg NR. (1993). Microbiology. 5th edition. McGraw Hill Book Company.
6. Stanier RY, Ingraham JL, Wheelis ML, and Painter PR. (2005). General Microbiology. 5th edition. McMillan.
7. Tortora GJ, Funke BR, and Case CL. (2008). Microbiology: An Introduction. 9 th edition. Pearson Education.

Semester – 3
CC-BIOTECHNOLOGY-III
Paper B-BTY-302
MICROBIOLOGY-II

Credits: 3
Total Marks: 75
External Marks: 60
Internal Assessment: 15
Examination Time: 3 h

Learning Outcomes: On successful completion of the course the student will be able to

- 302.1 Illustrate the knowledge of normal microflora and infections in human body
- 302.2. Give an account of pathogenesis by various microorganisms

Approaches to teaching

Lectures, Chalk and board teaching, power point Presentations, models, Group Discussion

Requirements

Regular attendance and active participation during the course; Books and reference material; assignments and presentations etc

Evaluation

The performance of the students will be evaluated against the expected learning course outcomes on the basis of class participation, regularity, house tests, quiz and assignments carrying 20 percent of the marks and the rest through Terminal Examination

Mode of paper setting

Seven questions will be set in all. Question No.1 comprising of objective/short answer type questions from the entire syllabus, will be compulsory. The remaining six questions will be set taking three questions from each section. The candidates will be required to attempt Q.No.1 & four others selecting two questions from each section. All questions carry equal marks.

SECTION-A

Introduction: Normal microflora of human body, nosocomial infections, carriers, septic shock, septicemia, pathogenicity, virulence factors, toxins, biosafety levels.

Morphology, pathogenesis, symptoms, laboratory diagnosis, preventive measures and chemotherapy of gram positive bacteria: *S.aureus*, *S.pyogenes*, *B.anthraxis*, *C.perferinges*, *C.tetani*, *C.botulinum*, *C.diphtheriae*, *M.tuberculosis*, *M. leprae*. Morphology, pathogeneis, symptoms, laboratory diagnosis, preventive measures and chemotherapy caused by gram negative bacteria: *E.coli*, *N. gonorrhoea*, *N. meningitidis*, *P.aeruginosa*, *S. typhi*, *S. dysenteriae*, *Y. pestis*, *B. abortus*, *H. influenzae*, *V. cholerae*, *M. pneumoniae*, *T. pallidum*, *M. pneumoniae*, *Rickettsiaceae*, *Chlamydiae*.

SECTION-B

Diseases caused by viruses: Picornavirus, Orthomyxoviruses, Paramyxoviruses, Rhabdoviruses, Reoviruses, Pox virus, Herpes virus, Papova virus, Retro viruses (including HIV/AIDS) and Hepatitis viruses.

Fungal and Protozoan infections: Dermatophytoses (Trichophyton, Microsporun and Epidermophyton) Subcutaneous infection (Sporothrix, Cryptococcus), systemic infection (Histoplasma, Coccidoides) and opportunistic fungal infections (Candidiasis, Aspergillosis), Gastrointestinal infections (Amoebiasis, Giardiasis), Blood-borne infections (Leishmaniasis, Malaria)

Suggested Reading

1. Brooks GF, Carroll KC, Butel JS and Morse SA.(2007). Jawetz, Melnick and Adelberg's Medical Microbiology.24th edition.McGraw Hill Publication.
2. Goering R, Dockrell H, Zuckerman M and Wakelin D. (2007). Mims' Medical Microbiology.4th edition.Elsevier. .
3. Willey JM, Sherwood LM, and Woolverton CJ.(2008). Prescott, Harley and Klein's Microbiology.7th edition.McGraw Hill Higher Education.

Semester – 3
CC-BIOTECHNOLOGY-III
Paper B-BTY-303
MICROBIOLOGY-PRACTICALS

Credits: 2
Max. Marks: 50
External Marks: 40
Internal Assessment: 10
Time allowed: 3 h (one session)

Learning Outcomes: On successful completion of the course the student will be able to

303.1 Exhibit skills in preparation of media and staining

303.2 Isolate, identify and characterize bacteria from different sources

Approaches to teaching

Instructions, Chalk and board teaching, demonstrations, models, practical and practice

Requirements

Regular attendance and active participation during the course; reference material; laboratory equipments, glassware and chemicals

Evaluation

The performance of the students will be evaluated against expected learning course outcomes on the basis of class participation, regularity, performance in lab practicals, records and viva voce.

Practicals:

1. Isolation of bacteria & their biochemical characterization.
2. Staining methods: simple staining, Gram staining, spore staining, negative staining, hanging drop.
3. Preparation of media & sterilization methods, Methods of Isolation of bacteria from different sources.
4. Determination of bacterial cell size by micrometry.
5. Enumeration of microorganism - total & viable count.
6. Identification of pathogenic bacteria (any two) based on cultural, morphological and biochemical characteristics.
7. Growth curve of a bacterium.
8. To perform antibacterial testing by Kirby-Bauer method.
9. To prepare temporary mounts of *Aspergillus* and *Candida* by appropriate staining.
10. Staining methods: Gram's staining permanent slides showing Acid fast staining, Capsule staining and spore staining.

Suggested Reading

1. Brooks GF, Carroll KC, Butel JS and Morse SA.(2007). Jawetz, Melnick and Adelberg's Medical Microbiology.24th edition.McGraw Hill Publication.

2. Goering R, Dockrell H, Zuckerman M and Wakelin D. (2007). Mims' Medical Microbiology. 4th edition. Elsevier. .
3. Willey JM, Sherwood LM, and Woolverton CJ. (2008). Prescott, Harley and Klein's Microbiology. 7th edition. McGraw Hill Higher Education.
4. Pelczar MJ, Chan ECS and Krieg NR. (1993). Microbiology. 5th edition. McGraw Hill Book Company.
6. Stanier RY, Ingraham JL, Wheelis ML, and Painter PR. (2005). General Microbiology. 5th edition. McMillan.

Semester – 4
CC-BIOTECHNOLOGY-IV
Paper: B-BTY-401
MOLECULAR BIOLOGY

Credits: 3
Total Marks: 75
External Marks: 60
Internal Assessment: 15
Examination Time: 3 h

Learning Outcomes: After successful completion students will be able to

- 401.1 Elaborate the central dogma of life, the general principles of gene organization and describe the structure and functions of proteins involved in replication and repair mechanisms
- 401.2 Give an insight of the process of gene expression, mechanism of transcription, post-transcriptional processing of RNA in prokaryotes; Describe and correlate the concept of genetic code and mechanism of translation in prokaryotes

Approaches to teaching

Lectures, Chalk and board teaching, power point Presentations, models, Group Discussion

Requirements

Regular attendance and active participation during the course; Books and reference material; assignments and presentations etc

Evaluation

The performance of the students will be evaluated against the expected learning course outcomes on the basis of class participation, regularity, house tests, quiz and assignments carrying 20 percent of the marks and the rest through Terminal Examination

Mode of paper setting

Seven questions will be set in all. Question No.1 comprising of objective/short answer type questions from the entire syllabus, will be compulsory. The remaining six questions will be set taking three questions from each section. The candidates will be required to attempt Q.No.1 & four others selecting two questions from each section. All questions carry equal marks.

SECTION-A

Basic Concepts of Genetic Information: Structure of DNA, various forces responsible for stability of DNA, various forms of DNA, DNA topology, DNA supercoiling, Topoisomerases in prokaryotes and eukaryotes, DNA, organization in prokaryotes and eukaryotes, C-value paradox, denaturation: different ways for carrying out denaturation, renaturation: requirements, various classes of DNA: highly repetitive, moderately repetitive and unique sequence

DNA replication, mutations and DNA repair: Possible modes of DNA replication, Meselson-Stahl experiment, DNA polymerases and other enzymes involved in DNA replication, Okazaki fragments, Mechanism of replication in prokaryotes and eukaryotes, inhibitors of DNA replication, molecular basis of mutations, DNA repair mechanisms like direct, base-excision, nucleotide-excision, mismatch, SOS and recombinational repair.

SECTION-B

Transcription and post-transcriptional modifications: RNA polymerase/s in prokaryotes and eukaryotes, DNA footprinting technique, initiation, elongation and termination of transcription in prokaryotes and eukaryotes, inhibitors of transcription, RNA replicase, reverse transcriptase, post-transcriptional modifications: different types of introns and their splicing mechanisms, processing of mRNA, rRNA and tRNA precursors, overlapping genes and split genes. Protein synthesis, targeting and degradation:

Characteristics of the genetic code, biological significance of degeneracy, decoding the code, Wobble hypothesis, ribosomes structure and function in prokaryotes and eukaryotes, Aminoacyl-tRNA-synthetases various factors and steps involved in protein synthesis in prokaryotes and eukaryotes, post-translational processing, signal hypothesis and protein targeting to lysosomes, Plasma membrane, extracellular matrix and different compartment of mitochondria, protein degradation.

Suggested Reading:

1. Molecular Cell Biology, 5th edition H Lodish et al. (2004) W H Freeman and Company.
2. Genes X, B Lewin (2015) Pearson Education International.
3. Freifelder's Essentials of Molecular Biology, 4rd edition, D Freifelder. (2005) Narosa publishing house
4. Biochemistry, 2nd edition, Moran. Neil Patterson Publishing.
5. Fundamentals of Biochemistry, 2nd edition, D Voet& G J Voet. John-Wiley & sons.
6. Biochemistry, 5th edition, JM Berg et al. W H Freeman & Co. N York.
7. Lehninger's Principles of Biochemistry, 4nd edition, D L Nelson and M M Cox. (2005) W H Freeman & Co. N York.
8. The Biochemistry of Nucleic acid, 11th edition, R L Adams et al, Chapman and Hall.
9. Molecular Biology of the Gene, 5th Edition, Watson et al (2004) Pearson Education International.

Semester – 4
CC-BIOTECHNOLOGY-IV
Paper: B-BTY-402
RECOMBINANT DNA TECHNOLOGY

Credits: 3
Total Marks: 75
External Marks: 60
Internal Assessment: 15
Examination Time: 3 h

Learning Outcomes: On successful completion of the course the student will be able to

402.1 give insight of the principles and applications of the molecular tools used in recombinant DNA technology

402.2 elaborate the process and applications of genetic engineering in animals

Approaches to teaching

Lectures, Chalk and board teaching, power point Presentations, models, Group Discussion

Requirements

Regular attendance and active participation during the course; Books and reference material; assignments and presentations etc

Evaluation

The performance of the students will be evaluated against the expected learning course outcomes on the basis of class participation, regularity, house tests, quiz and assignments carrying 20 percent of the marks and the rest through Terminal Examination

Mode of paper setting

Seven questions will be set in all. Question No.1 comprising of objective/short answer type questions from the entire syllabus, will be compulsory. The remaining six questions will be set taking three questions from each section. The candidates will be required to attempt Q.No.1 & four others selecting two questions from each section. All questions carry equal marks.

SECTION-A

Molecular tools and applications -restriction enzymes, ligases, polymerases, alkaline phosphatase. Gene Recombination and Gene transfer: Transformation, Episomes, Plasmids and other cloning vectors (Bacteriophage-derived vectors, artificial chromosomes), Microinjection, Electroporation, Ultrasonication

Principle and applications of Polymerase chain reaction (PCR), primer-design, and RT- (Reverse transcription) PCR

SECTION-B

Restriction and modification system, restriction mapping. Southern and Northern hybridization. Preparation and comparison of Genomic and cDNA library, screening of recombinants, reverse transcription,. Genome mapping, DNA fingerprinting

Applications of Genetic Engineering: Genetic engineering in animals: Production and applications of transgenic mice, role of ES cells in gene targeting in mice, Therapeutic products produced by genetic engineering-blood proteins, human hormones, immune modulators and vaccines (one example each)

Suggested Reading

1. Brown TA. (2010). Gene Cloning and DNA Analysis.6th edition.Blackwell Publishing, Oxford, U.K.
2. Clark DP and Pasternik NJ. (2009). Biotechnology: Applying the Genetic Revolution. Elsevier Academic Press, USA
3. Glick, B.R., Pasternak, J.J. (2003). Molecular Biotechnology- Principles and Applications of recombinant DNA. ASM Press, Washington
4. Primrose SB and Twyman RM. (2006).
5. Principles of Gene Manipulation and Genomics, 7th edition. Blackwell Publishing, Oxford, U.K.

Semester – 4
CC-BIOTECHNOLOGY-IV
Paper: B-BTY-403
MOLECULAR BIOLOGY AND RECOMBINANT DNA TECHNOLOGY-
PRACTICALS

Credits: 2
Max. Marks: 50
External Marks: 40
Internal Assessment: 10
Time allowed: 3 h (one session)

Learning Outcomes: On successful completion of the course the student will be able to

403.1 isolate DNA from plants and bacteria, plasmid DNA.

403.2 demonstrate the making and transforming competent cells

Approaches to teaching

Instructions, Chalk and board teaching, demonstrations, models, practical and practice

Requirements

Regular attendance and active participation during the course; reference material; laboratory equipments, glassware and chemicals

Evaluation

The performance of the students will be evaluated against expected learning course outcomes on the basis of class participation, regularity, performance in lab practicals, records and viva voce.

Practicals:

1. Isolation of chromosomal DNA from plant cells
2. Isolation of chromosomal DNA from *E.coli*
3. Qualitative and quantitative analysis of DNA using spectrophotometer
4. Plasmid DNA isolation
5. Restriction digestion of DNA
6. Making competent cells
7. Transformation of competent cells.
8. Demonstration of PCR

Suggested Reading

1. Brown TA. (2010). Gene Cloning and DNA Analysis. 6th edition. Blackwell Publishing, Oxford, U.K.
2. Clark DP and Pasternik NJ. (2009). Biotechnology: Applying the Genetic Revolution. Elsevier Academic Press, USA

3. Glick, B.R., Pasternak, J.J. (2003). Molecular Biotechnology- Principles and Applications of recombinant DNA. ASM Press, Washington
4. Primrose SB and Twyman RM. (2006). Principles of Gene Manipulation and Genomics, 7th edition. Blackwell Publishing, Oxford, U.K.
5. Sambrook J and Russell D. (2001). Molecular Cloning-A Laboratory Manual. 3rd edition. Cold Spring Harbor Laboratory Press

SEC-BIOTECHNOLOGY-I
Paper: B-BTY-S1
BIOANALYTICAL TOOLS

Credits: 2
Max. Marks: 50
External Marks: 40
Internal Assessment: 10
Time allowed: 3 h

Learning Outcomes: Students who successfully complete this course will be able to

- S1.1 Demonstrate the knowledge of the general principles, components and applications of pH meter and centrifuges; principles and applications of chromatographic techniques in isolation, quantification and characterization of biomolecules
- S1.2 Demonstrate the knowledge of the general principles, components and applications of spectrophotometer; principles and applications of electrophoresis and radioisotopes in biochemical studies.

Approaches to teaching

Lectures, Chalk and board teaching, power point Presentations, models, Group Discussion

Requirements

Regular attendance and active participation during the course; Books and reference material; assignments and presentations etc

Evaluation

The performance of the students will be evaluated against the expected learning course outcomes on the basis of class participation, regularity, house tests, quiz and assignments carrying 20 percent of the marks and the rest through Terminal Examination

Mode of paper setting

Seven questions will be set in all. Question No.1 comprising of objective/short answer type questions from the entire syllabus, will be compulsory. The remaining six questions will be set taking three questions from each section. The candidates will be required to attempt Q.No.1 & four others selecting two questions from each section. All questions carry equal marks.

SECTION-A

Measurement of pH: Principles and composition of reference electrodes, glass electrode and combined electrode.

Hydrodynamic Methods: Sedimentation: sedimentation velocity including factors affecting it, preparative and analytical centrifugation techniques, ultracentrifugation, determination of molecular weight by hydrodynamic methods (derivations excluded and numericals included).

Chromatographic techniques- General principles and applications of adsorption, ion-exchange, molecular-sieve, thin layer, hydrophobic, affinity & paper chromatography.

SECTION-B

Electrophoresis- Basic principles of electrophoresis; Native & SDS-PAGE; Agarose gel electrophoresis.

Radioisotopic Techniques: Types of radiations, radioactive decay, units of radioactivity, detection and measurement of radioactivity (methods based on gas ionization and liquid scintillation counting) and Quenching. Biological hazards of radiations and safety measures in handling radioisotopes. Biological applications of radioisotopes.

Spectroscopic Techniques: Beer-Lambert law, light absorption and its transmittance, extinction coefficient, a brief account of instrumentation and applications of visible and UV spectroscopic techniques (structure elucidation excluded).

Suggested reading:

1. Physical Biochemistry, 2nd edition, by D Friefelder (1983). W.H. Freeman & Co., U.S.A.
2. Biophysical Chemistry: Principles and Techniques, 2nd edition, by A. Upadhyay, K. Upadhyay and N.Nath. (1998). Himalaya Publishing House, Delhi.
3. Principles & Techniques of Practical Biochemistry, 5th edition, by Keith Wilson and John Walker (2000). Cambridge University Press.
4. Introductory Practical Biochemistry by S.K. Sawhney and Randhir Singh (2000). Narosa Publishing House, New Delhi.

Semester – 5
DSE-BIOTECHNOLOGY-I
Paper: B-BTY-501
ANIMAL BIOTECHNOLOGY-I

Credits: 2
Max. Marks: 50
External Marks: 40
Internal Assessment: 10
Time allowed: 3 h

Learning Outcomes: On successful completion of the course the student will be able to

501.1 exhibit the knowledge of the basic concepts of animal biotechnology; animal cell and tissue culture technology, principles and applications

501.2 illustrate the applications of stem cell technology and Cellular reprogramming in animal science

Approaches to teaching

Lectures, Chalk and board teaching, power point Presentations, models, Group Discussion

Requirements

Regular attendance and active participation during the course; Books and reference material; assignments and presentations etc

Evaluation

The performance of the students will be evaluated against the expected learning course outcomes on the basis of class participation, regularity, house tests, quiz and assignments carrying 20 percent of the marks and the rest through Terminal Examination

Mode of paper setting

Seven questions will be set in all. Question No.1 comprising of objective/short answer type questions from the entire syllabus, will be compulsory. The remaining six questions will be set taking three questions from each section. The candidates will be required to attempt Q.No.1 & four others selecting two questions from each section. All questions carry equal marks.

SECTION-A

Animal Cell & Tissue Culture: Introduction, Principles & practice. History and Development of animal cell culture.Scope and Applications.

Culture Media: Media components, Serum containing and serum free media. Natural media- Plasma clot, biological fluids, tissue extracts. Growth factors required for proliferation of animal cells. Chemically defined media, balanced salt solutions.Physical requirements for growing animal cells in culture.Washing, drying, sterilization practices, various instruments and their uses in animal cell culture practices.

Cell Culture techniques: Primary Cell Culture: Initiation of cell culture-substrates (glass, plastic, metals) their preparation and sterilization. Isolation of tissue explants, disaggregation- enzyme disaggregation and mechanical disaggregation of the tissue. development of primary culture and cell lines. Subculture. Contamination.. Suspension culture, Growth curve of animal cells in culture. Secondary cell culture – transformed cell and continuous cell lines. Finite and infinite cell lines. Cell lines: Insect and animal cells. Commonly used cell lines- their organization and characteristics. Cell repositories and their function. Karyotyping, biochemical and genetic characterization of cell lines.

SECTION-B

Stem cells; main types of stem cells, embryonic stem cells, perinatal stem cells, amniotic and placental stem cells, mesenchymal stem cells, leydig stem cells, trophoblast stem cells, epiblast stem cells, mammary stem cells, induced pluripotent stem cells, potential use of stem cells – cell based therapies stem cells and in vitro derivation of gametes, stem cells in human health, porcine stem cells in human and biomedical sciences, clinical trials update.

Stem cells in livestock: brief introduction to stem cells, types of stem cells, embryonic stem cell research in livestock species, stem cells in in vitro development of gametes, status of stem cell research in livestock. Somatic cell nuclear transfer: progress in SCNT, methodology of animal cloning, , embryo development block and reprogramming in cloning, ES cells can be used for gene targeting in mice etc

Cellular reprogramming and induced pluripotency: molecular basis of cellular reprogramming, gene expression in pluripotent cells, strategies for induction of genome reprogramming, reprogramming and induced pluripotency in animal sciences.

Suggested Readings:

1. Animal Cell Culture Methods In: Methods in Cell Biology, Vol. 57, Ed. Jenni P Mather and David Barnes, Academic Press.
2. Animal Cell Culture Techniques. Ed. Martin Clynes, springer.
3. Text Book of Animal Biotechnology- (2020) published by The Energy and Resources Institute Press, New Delhi.
4. Advances in Animal Biotechnology (2020) published by Springer Nature Switzerland AG.
5. Animal Cell Culture - Practical Approach, Ed. John R.W. Masters, OXFORD.
6. Culturing of animal cells by Ian Freshney, 6th edition

Semester – 5
DSE-BIOTECHNOLOGY-I
Paper B-BTY-502
ANIMAL BIOTECHNOLOGY-II

Credits: 2
Max. Marks: 50
External Marks: 40
Internal Assessment: 10
Time allowed: 3 h

Learning Outcomes: On successful completion of the course the student will be able to:-

- 502.1 Describe the Techniques of transfection and applications in production of vaccines and gene therapy
- 502.2 Elaborate the techniques and applications of invitro fertilization and transgenic animals

Approaches to teaching

Lectures, Chalk and board teaching, power point Presentations, models, Group Discussion

Requirements

Regular attendance and active participation during the course; Books and reference material; assignments and presentations etc

Evaluation

The performance of the students will be evaluated against the expected learning course outcomes on the basis of class participation, regularity, house tests, quiz and assignments carrying 20 percent of the marks and the rest through Terminal Examination

Mode of paper setting

Seven questions will be set in all. Question No.1 comprising of objective/short answer type questions from the entire syllabus, will be compulsory. The remaining six questions will be set taking three questions from each section. The candidates will be required to attempt Q.No.1 & four others selecting two questions from each section. All questions carry equal marks.

SECTION-A

Animal Biotechnology: global perspective and new horizons

Transfection: Transfection of animal cells: transfection methods. Methods for cell fusion, Selectable markers, HAT selection and Antibiotic resistance.

Cloning and expression of foreign genes in animal cells: Expression vectors. Over production and preparation of the final product i.e. expressed proteins.

Production of vaccines in animal cells:

Hybridoma Technology: Production of monoclonal antibodies and their applications.

Therapeutic products through genetic engineering – blood proteins, insulin, growth hormone etc.

Gene Therapy: introduction, types of gene therapy, vectors in gene therapy, major achievements, problems and prospects.

SECTION-B

In vitro fertilization:- collection of ovaries and recovery of oocytes, selection of oocytes for in vitro maturation, Oocyte-cumulus cell interactions, IVM, assessment of cumulus expansion, factors affecting IVM of oocytes, semen processing, in vitro fertilization, embryo development, Cryopreservation of oocytes and sperm; need of cryopreservation, principle of cryopreservation, steps involved in cryopreservation, methods, cryopreservation as strategy to establish somatic cell banking, Artificial insemination, Animal clones. Embryo transfer technology

Transgenic animals: Introduction, biopharming through animal transgenesis, Transgenic Animals: transgenic mice, sheep etc., methods of producing transgenic animals, choices of species and tissue to produce recombinant biomolecules, limitations of large mammals transgenesis.

Suggested Readings:

1. Animal Cell Culture Methods In: Methods in Cell Biology, Vol. 57, Ed. Jenni P Mather and David Barnes, Academic Press.
2. Animal Cell Culture Techniques. Ed. Martin Clynes, Springer.
3. Text Book of Animal Biotechnology- (2020) published by The Energy and Resources Institute Press, New Delhi.
4. Advances in Animal Biotechnology (2020) published by Springer Nature Switzerland AG.
5. Animal Cell Culture - Practical Approach, Ed. John R.W. Masters, OXFORD.
6. Culturing of animal cells by Ian Freshney, 6th edition

Semester – 5
DSE-BIOTECHNOLOGY-I
Paper B-BTY-503
ANIMAL BIOTECHNOLOGY-PRACTICALS

Credits: 2
Max. Marks: 50
External Marks: 40
Internal Assessment: 10
Time allowed: 3 h (one session)

Learning Outcomes: On successful completion of the course the student will be able to:-

- 503.1 prepare different media, culture and cryopreserve the animal cells
- 503.2 Isolate and quantify DNA from animal cells/ tissue

Approaches to teaching

Instructions, Chalk and board teaching, demonstrations, models, practical and practice

Requirements

Regular attendance and active participation during the course; reference material; laboratory equipments, glassware and chemicals

Evaluation

The performance of the students will be evaluated against expected learning course outcomes on the basis of class participation, regularity, performance in lab practicals, records and viva voce.

Practicals

1. Preparation of media for animal cells
2. In vitro maturation of oocytes
3. Preparation of cryopreservation media
4. Freezing/cryopreservation of animal cells and post thaw damages in animal cells after cryopreservation
5. Isolation and cryopreservation of lymphocytes
6. Isolation and quantification of DNA from animal cell/ tissue

Suggested Readings:

1. Animal Cell Culture - Practical Approach, Ed. John R.W. Masters, OXFORD.
2. Animal Cell Culture Methods In: Methods in Cell Biology, Vol. 57, Ed. Jenni P Mather and David Barnes, Academic Press.
3. Text Book of Animal Biotechnology- (2020) published by The Energy and Resources Institute Press, New Delhi.
4. Advances in Animal Biotechnology (2020) published by Springer Nature Switzerland AG.
5. Animal Cell Culture Techniques. Ed. Martin Clynes, springer.

Semester – 5

**DSE-BIOTECHNOLOGY-I
Paper B-BTY-504
MEDICAL BIOTECHNOLOGY-1**

**Credits: 2
Max. Marks: 50
External Marks: 40
Internal Assessment: 10
Time allowed: 3 h**

Learning Outcomes: On successful completion of the course the student will be able to

504.1 Correlate abnormalities in chromosomal structure, number, stability to the related diseases

504.2 give insight of techniques helpful diagnosis and prognosis of diseases.

Approaches to teaching

Lectures, Chalk and board teaching, power point Presentations, models, Group Discussion

Requirements

Regular attendance and active participation during the course; Books and reference material; assignments and presentations etc

Evaluation

The performance of the students will be evaluated against the expected learning course outcomes on the basis of class participation, regularity, house tests, quiz and assignments carrying 20 percent of the marks and the rest through Terminal Examination

Mode of paper setting

Seven questions will be set in all. Question No.1 comprising of objective/short answer type questions from the entire syllabus, will be compulsory. The remaining six questions will be set taking three questions from each section. The candidates will be required to attempt Q.No.1 & four others selecting two questions from each section. All questions carry equal marks.

SECTION-A

Chromosomal disorders – Numerical disorders e.g. trisomies&monosomies, Structural disorders e.g. deletions, duplications, translocations & inversions, Chromosomal instability syndromes. Gene controlled diseases – Autosomal and X-linked disorders, Mitochondrial disorders and Multifactorial conditions. Identification of disease genes, Functional cloning –Eg. haemophilia gene. Positional cloning - eg. DMD and CGD genes. Candidate gene approach – Eg. Marfan's syndrome, Alzheimer's disease.

Molecular basis of human diseases - Pathogenic mutations. Gain of function mutations: Oncogenes, Huntingtons Disease, Pittsburg variant of alpha 1 antitrypsin. Loss of function - Tumour Suppressor Genes, PAX- 3 gene; Gene Dosage Effect - PMP22 , Collagen gene; Genomic Imprinting -Mechanisms, Praderwilli / Angelman syndrome, WAGR syndrome, Beckwith Weidemann Syndrome. Immuno Pathology, Hepatitis, HIV, Autoimmune Disorders-SLE, RA

SECTION-B

Prenatal diagnosis - Invasive techniques - Amniocentesis, Fetoscopy, Chorionic Villi Sampling (CVS), Non-invasive techniques - Ultrasonography, X-ray, TIFA, maternal serum and fetal cells in maternal blood;

Diagnosis using protein and enzyme markers, monoclonal antibodies. DNA/RNA based diagnosis Hepatitis, CML – bcr/abl, HIV - CD 4 receptor; Microarray technology- genomic and c DNA arrays, application to diseases.

Suggested Reading

1. Medical Biotechnology by Glick, Bernard and Patten.
2. Pharmaceutical and Medical Biotechnology by Gennady Zaikov
3. Medical Biotechnology by JuditPongracz and Marry Keen

Semester – 5

**DSE-BIOTECHNOLOGY-I
Paper B-BTY-505
MEDICAL BIOTECHNOLOGY-II**

**Credits: 2
Max. Marks: 50
External Marks: 40
Internal Assessment: 10
Time allowed: 3 h**

Learning Outcomes: On successful completion of the course the student will be able to

- 505.1 Correlate various deficiency diseases and mechanisms involved in their treatment.
- 505.2 discuss the application of vaccines as a tool to prevent these diseases

Approaches to teaching

Lectures, Chalk and board teaching, power point Presentations, models, Group Discussion

Requirements

Regular attendance and active participation during the course; Books and reference material; assignments and presentations etc

Evaluation

The performance of the students will be evaluated against the expected learning course outcomes on the basis of class participation, regularity, house tests, quiz and assignments carrying 20 percent of the marks and the rest through Terminal Examination

Mode of paper setting

Seven questions will be set in all. Question No.1 comprising of objective/short answer type questions from the entire syllabus, will be compulsory. The remaining six questions will be set taking three questions from each section. The candidates will be required to attempt Q.No.1 & four others selecting two questions from each section. All questions carry equal marks.

SECTION-A

Clinical management and Metabolic manipulation - PKU, Familial Hypercholesterolemia, Rickets, ADA, Congenital hypothyroidism; Gene therapy Ex-vivo, In-vivo, In-situ gene therapy Strategies of gene therapy: gene augmentation – ADA deficiency, CFTR Prodrug therapy/ suicide gene – glioma, evoking immune

response – melanoma TFO, Antisense therapy, Ribozymes, Protein Aptamers, Intrabodies

Vectors used in gene therapy- Biological vectors – retrovirus, adenoviruses, Herpes
Synthetic vectors– liposomes, receptor mediated gene transfer; Gene therapy trials –
Familial Hypercholesterolemia, Cystic Fibrosis, Solidtumours. Cell and tissue
engineering: Encapsulation technology and therapeutics - Diabetes, Hypothyroidism,
Haemophilia, Bioartificial organs, Artificial Cells- ForHaemophilia,
Phenylkeptonuria, Diabetes

SECTION-B

Nanomedicine - Nanoparticles, Nanodevices-medical microrobotics,
nanoroboticsMicrobiovers, Nanomedicine and Nanosurgery – for cancers,
neurological disorders.

Functional cloning – anti-haemophilic factor; Positional cloning- Dystrophin; Gene
products in medicine - Humulin, Erythropoietin, Growth Hormone/Somatostatin, tPA,
Interferon; DNA based vaccines ,subunit vaccines – Herpes Simplex Virus;
Attenuated Vaccines– Cholera; Vector vaccines – Cholera and Salmonella

Semester – 5
DSE-BIOTECHNOLOGY-1
Paper: B-BTY-506
MEDICAL BIOTECHNOLOGY-PRACTICALS

Credits: 2
Max. Marks: 50
External Marks: 40
Internal Assessment: 10
Time allowed: 3 h (one session)

Learning Outcomes: On successful completion of the course the student will be able to

506.1 Perform various tests to identify infectious diseases.

506.2 Isolate DNA from blood sample and demonstrate qualitative analysis of DNA damage

Approaches to teaching

Instructions, Chalk and board teaching, demonstrations, models, practical and practice

Requirements

Regular attendance and active participation during the course; reference material; laboratory equipments, glassware and chemicals

Evaluation

The performance of the students will be evaluated against expected learning course outcomes on the basis of class participation, regularity, performance in lab practicals, records and viva voce.

List of Practical

1. To perform DOT-ELISA.
2. To isolate DNA from blood and quality determination by agarose gel electrophoresis.
3. To study in vitro DNA damage and analysis by agarose gel electrophoresis
4. Determination of growth inhibition Zone
5. To isolate Serum and plasma from blood.
6. To perform WIDAL test, AMES test and VDRL test

Suggested Reading

1. Medical Biotechnology by Glick, Bernard and Patten.
2. Pharmaceutical and Medical Biotechnology by Gennady Zaikov
3. Medical Biotechnology by JuditPongracz and Marry Keen

Semester-6
DSE-BIOTECHNOLOGY-II
Paper: B-BTY-601
PLANT BIOTECHNOLOGY-I

Credits: 2
Max. Marks: 50
External Marks: 40
Internal Assessment: 10
Time allowed: 3 h

Learning Outcomes: On successful completion of the course the student will be able to

601.1 Elaborate the basic concept of plant tissue culture, different aseptic conditions, culture media and their supplements

601.2 Describe different types of plant culture (tissue, organ and protoplast) and various techniques such as micropropagation, totipotency, somaclonal variation, their applications and limitations.

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Approaches to teaching

Lectures, Chalk and board teaching, power point Presentations, models, Group Discussion

Requirements

Regular attendance and active participation during the course; Books and reference material; assignments and presentations etc

Evaluation

The performance of the students will be evaluated against the expected learning course outcomes on the basis of class participation, regularity, house tests, quiz and assignments carrying 20 percent of the marks and the rest through Terminal Examination

Mode of paper setting

Seven questions will be set in all. Question No.1 comprising of objective/short answer type questions from the entire syllabus, will be compulsory. The remaining six questions will be set taking three questions from each section. The candidates will be required to attempt Q.No.1 & four others selecting two questions from each section. All questions carry equal marks.

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SECTION-A

Plant Tissue Culture: Introduction/Concept, History, Scope and Applications along with major achievements.

Plant Tissue Culture Laboratory: Layout and organization, different work areas, infrastructure/equipments and instruments and other requirements.

Aseptic Techniques: General sanitation/cleanliness of PTC laboratory and precautions regarding maintenance of aseptic conditions, Washing, drying and sterilization of glassware, sterilization of media, surface sterilization, aseptic work station.

Culture Media: Nutritional requirements for plant tissue culture, role of different media components, plant growth regulators, different culture media viz. MS, B₅Nitsch and White's medium, Preparation of culture media.

SECTION-B

In-vitro methods in plant tissue culture: Explants, their cellular characteristics, dedifferentiation and redifferentiation, cellular totipotency, organogenesis and somatic embryogenesis. Micropropagation/clonal propagation of elite species (different routes of multiplication-axillary bud proliferation, somatic embryogenesis, organogenesis), Synthetic seeds (a brief account)

Callus and suspension culture techniques: Introduction, principle, methodology, applications and limitations. Somaclonal variation.

Organ culture: Anther & Pollen culture, ovary, ovule, embryo and endosperm culture – concept, technique, applications and limitations. Embryo rescue.

Protoplast culture: Protoplast isolation, viability test, protoplast culture. Somatic hybridization – protoplast fusion techniques (chemical and electro-fusion), selection of hybrids, production of symmetric and asymmetric hybrids and cybrids. Practical applications of somatic hybridization and cybridization.

Suggested Reading

1. Bhojwani, S.S. and Razdan 2004 Plant Tissue Culture and Practice.
2. Brown, T. A. Gene cloning and DNA analysis: An Introduction. Blackwell Publication.
3. Gardner, E.J. Simmonns, M.J. Snustad, D.P. 2008 8th edition Principles of Genetics. Wiley India.
4. Raven, P.H., Johnson, G.B., Losos, J.B. and Singer, S.R. 2005 Biology. Tata MC GrawHill.
5. Reinert, J. and Bajaj, Y.P.S. 1997 Applied and Fundamental Aspects of Plant Cell, Tissue and Organ Culture. Narosa Publishing House.
6. Russell, P.J. 2009 Genetics – A Molecular Approach. 3rd edition. Benjamin Co.
7. Sambrook & Russel. Molecular Cloning: A laboratory manual. (3rd edition)
8. Slater, A., Scott, N.W. & Fowler, M.R. 2008 Plant Biotechnology: The Genetic Manipulation of Plants, Oxford University Press.

Semester – 6
DSE- BIOTECHNOLOGY-II
Paper: B-BTY-602
PLANT BIOTECHNOLOGY-II

Credits: 2
Max. Marks: 50
External Marks: 40
Internal Assessment: 10
Time allowed: 3 h

Learning Outcomes: On successful completion of the course the student will be able to

602.1 exhibit the knowledge of organization plant genome, different genetic transformation techniques with their merits and limitations. All types of characterization of transformants with different markers

602.2 apply the principles and techniques of genetic engineering in improving quality of plants/ food

Approaches to teaching

Lectures, Chalk and board teaching, power point Presentations, models, Group Discussion

Requirements

Regular attendance and active participation during the course; Books and reference material; assignments and presentations etc

Evaluation

The performance of the students will be evaluated against the expected learning course outcomes on the basis of class participation, regularity, house tests, quiz and assignments carrying 20 percent of the marks and the rest through Terminal Examination

Mode of paper setting

Seven questions will be set in all. Question No.1 comprising of objective/short answer type questions from the entire syllabus, will be compulsory. The remaining six questions will be set taking three questions from each section. The candidates will be required to attempt Q.No.1 & four others selecting two questions from each section. All questions carry equal marks.

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SECTION-A

Organization of plant genome- Nuclear, Chloroplast and Mitochondrial genome.
Chloroplast Transformation- vector designing, methods and advantages.

Plant Nuclear Transformation- Agrobacterium mediated transformation, Ti and Ri plasmids.

Mechanism of transformation: Role of virulence genes, mechanism of T-DNA transfer, vectors based on Ti and Ri plasmids, cointegrate and binary vectors,

techniques and factors effecting Agrobacterium mediated transformation of plants. Gene targeting in plants. Use of plant viruses as vectors (brief account only).

Direct gene transfer methods- particle bombardment, PEG-mediated, electroporation, microinjection and Calcium phosphate mediated etc.

SECTION-B

Genetic Engineering – crop improvement, herbicide resistance, insect resistance, virus resistance, plants as bioreactors. transgenic plants, ecological impact of transgenic plants. Genetic modification in Food industry – background, history, controversies over risks, application, future applications. Genetically modified foods – organic foods, types of organic foods, identifying organic foods, organic food & preservative.

Transgenic Plants: Introduction and applications. Developing insect resistance, bacterial and fungal disease resistance, virus resistance and abiotic stress tolerance in plants. Improving food quality – nutritional enhancement of plants (carbohydrates, seed storage proteins and vitamins).

Production of secondary metabolites in vitro: introduction, technique and utilities. Biotransformation (a brief account only). Plant germ plasm conservation and cryopreservation.

Plants as Bioreactors: antibodies, polymers, industrial enzymes. Edible vaccines.

Suggested Reading

1. Bhojwani, S.S. and Razdan 2004 Plant Tissue Culture and Practice.
2. Brown, T. A. Gene cloning and DNA analysis: An Introduction. Blackwell Publication.
3. Gardner, E.J. Simmonns, M.J. Snustad, D.P. 2008 8th edition Principles of Genetics. Wiley India.
4. Raven, P.H., Johnson, GB., Losos, J.B. and Singer, S.R. 2005 Biology. Tata MC Graw Hill.
5. Reinert, J. and Bajaj, Y.P.S. 1997 Applied and Fundamental Aspects of Plant Cell, Tissue and Organ Culture. Narosa Publishing House.
6. Russell, P.J. 2009 Genetics – A Molecular Approach. 3rd edition. Benjamin Co.
7. Sambrook & Russel. Molecular Cloning: A laboratory manual. (3rd edition)
8. Slater, A., Scott, N.W. & Fowler, M.R. 2008 Plant Biotechnology: The Genetic Manipulation of Plants, Oxford University Press

Semester-6
DSE-BIOTECHNOLOGY-II
Paper: B-BTY-603
PLANT BIOTECHNOLOGY-PRACTICALS

Credits: 2
Max. Marks: 50
External Marks: 40
Internal Assessment: 10
Time allowed: 3 h (one session)

Learning Outcomes: On successful completion of the course the student will be able to

603.1 culture plant tissues by various techniques

603.2 prepare the extract and analyse for antibiotic activity.

Approaches to teaching

Instructions, Chalk and board teaching, demonstrations, models, practical and practice

Requirements

Regular attendance and active participation during the course; reference material; laboratory equipments, glassware and chemicals

Evaluation

The performance of the students will be evaluated against expected learning course outcomes on the basis of class participation, regularity, performance in lab practicals, records and viva voce.

List of practical

1. Haploid culture: Andogenesis and Gynogenesis.
2. Protoplast isolation using enzymatic method.
3. Analysis of various plant extracts for their antibiotic activity.
4. Performance of node culture.
5. Suspension culture with different explants.
6. Embryo culture.
7. Transferring the grown plants to hardening medium.

Suggested reading

1. Brown C. W and Thorpe T. A Cell culture and Somatic Cell Genetics of plants, Academic Press Orlando
2. Chu, C Plant Tissue Culture, Peking Science Press, Peking
3. Gamborg O. L and Phillips. G.G. Plant Cell, Tissue culture and Organ culture Fundamental Methods. Narosa Publishing House, New Delhi

Semester-6
DSE-BIOTECHNOLOGY-II
Paper: B-BTY-604
IMMUNOLOGY-I

Credits: 2
Max. Marks: 50
External Marks: 40
Internal Assessment: 10
Time allowed: 3 h

Learning outcomes:

After successful completion of course, students will be able to

- 604.1 Exhibit the knowledge of basic components, organs, cells of immune system, components of immunity and will understand the coordination between humoral, cell-mediated and innate immune responses in combating pathogens
- 604.2 Illustrate the attributes of antigens, immunogens, factors affecting immunogenicity; the structure and functions of different types of immunoglobulins

Approaches to teaching

Lectures, Chalk and board teaching, power point Presentations, models, Group Discussion

Requirements

Regular attendance and active participation during the course; Books and reference material; assignments and presentations etc

Evaluation

The performance of the students will be evaluated against the expected learning course outcomes on the basis of class participation, regularity, house tests, quiz and assignments carrying 20 percent of the marks and the rest through Terminal Examination

Mode of paper setting

Seven questions will be set in all. Question No.1 comprising of objective/short answer type questions from the entire syllabus, will be compulsory. The remaining six questions will be set taking three questions from each section. The candidates will be required to attempt Q.No.1 & four others selecting two questions from each section. All questions carry equal marks.

SECTION –A

Introduction to immune system: Historical Perspective, Cells and organs of the immune system; primary and secondary lymphoid organs; bone marrow, thymus, spleen, lymphnodes and tissues (MALT)

Components of immunity: Innate immunity- Anatomic, physiological, phagocytic and inflammatory barriers; Adaptive immunity- A brief account of the functions of Humoral and cell-mediated immune responses. Primary and secondary immune responses, connection between innate and adaptive immunity, cell adhesion molecules, chemokines, leukocyte extravasation, localized and systemic response

Antigens: Antigens and haptenes, Immunogenicity versus antigenicity, factors influencing immunogenicity; Adjuvants; Epitopes (properties of B-Cell and T-cell epitopes)

SECTION –B

Immunoglobulins: Structure, distribution of classes and subclasses of immunoglobulins, physicochemical properties of different classes of immunoglobulins, antigenic determinants on immunoglobulins and Ig superfamily

Monoclonal Antibodies: Introduction, formation and selection of hybrid cells, their production and applications.

Biology of B lymphocytes: Antigen independent phase of B cell maturation and selection, humoral response- Thymus dependent and Thymus independent response, anatomical distribution of B-cell population

Suggested Readings:

1. I.M. Riott, J. Brostoff, D. Male “Immunology” 3rd edn. W.H. Freeman and Pub. Company, USA.
2. Kuby “Immunology” 3rd edn., Mosby Year Book Co., England □ Introduction to Immunology – NandiniShetty (2003)
3. Immunology – Janis Kuby – W. H. Freeman and Co. 7th edition (2019)
4. Janeway’s Immunobiology 2012 8th ed., Murphy, K., Mowat, A., and Weaver, C.T., Garland Science (London & New York), ISBN:978-0-8153-4243-4

Semester-6
DSE-BIOTECHNOLOGY-II
Paper: B-BTY-605
IMMUNOLOGY-II

Credits: 2
Max. Marks: 50
External Marks: 40
Internal Assessment: 10
Time allowed: 3 h

Learning outcomes: After successful completion of course, students will be able to

- 605.1 Understand the basis and applications of antigen antibody interactions disease diagnosis and exhibit the knowledge of different modes of complement activation, types of MHCs and their role in antigen presentation and processing
- 605.2 Illustrate structures and functions of various components of cell mediated immune response; the principles of tolerance, autoimmunity and different types of hypersensitivity

Approaches to teaching

Lectures, Chalk and board teaching, power point Presentations, models, Group Discussion

Requirements

Regular attendance and active participation during the course; Books and reference material; assignments and presentations etc

Evaluation

The performance of the students will be evaluated against the expected learning course outcomes on the basis of class participation, regularity, house tests, quiz and assignments carrying 20 percent of the marks and the rest through Terminal Examination

Mode of paper setting

Seven questions will be set in all. Question No.1 comprising of objective/short answer type questions from the entire syllabus, will be compulsory. The remaining six questions will be set taking three questions from each section. The candidates will be required to attempt Q.No.1 & four others selecting two questions from each section. All questions carry equal marks.

SECTION-A

Antigen-antibody interactions: Antibody affinity, antibody avidity, Agglutination & Precipitation reactions; Immunodiffusion; Radio immunoassay & ELISA.

Complement system: Components of complement system, Complement activation by classical, alternate and MB lactic pathways, Biological consequences of complement activation and regulation.

Major Histocompatibility Complex (MHC): General organization and inheritance of MHC, Structure, distribution and role of class I & II MHC molecules;.

Antigen Processing & Presentation: A brief account of antigen processing and presentation pathways.

SECTION-B

Biology of the T lymphocyte: Structure and role of T cell receptor, and co-receptor, T cell development, generation of receptor diversity, selection and differentiation.

Cell mediated cytotoxic responses: General properties of effector T cells, cytotoxic T cells (Tc), natural killer cells; NKT cells and antibody dependent cellular cytotoxicity (ADCC).

Tolerance, autoimmunity and hypersensitivity: Central tolerance, peripheral tolerance, autoimmunity, autoimmune diseases, possible mechanisms of induction of autoimmunity, Hypersensitivity reactions: Gell and Coombs classification, IgE mediated (Type I) hypersensitivity, antibody mediated cytotoxic (Type II) hypersensitivity, immune complex mediated (type III) hypersensitivity and delayed type (Type IV) hypersensitivity.

Transplantation immunology and vaccines : Immunological basis of graft rejection, clinical manifestations, Vaccines - active and passive immunization

Suggested Reading:

1. A Short Course in Immunology by Benjamini
2. Kuby Immunology, 4rd ed. by R.A. Goldsby et al, W.H. Freeman & Co.
3. Immunology, 4th ed. by Roitt et al., Mosby Publications
4. Immunology – Janis Kuby – W. H. Freeman and Co. 7th edition (2019)
5. Janeway's Immunobiology by Kenneth Murphy and Casey Weaver

Semester-6
DSE-BIOTECHNOLOGY-II
Paper: B-BTY-606
IMMUNOLOGY-PRACTICALS

Credits: 2
Max. Marks: 50
External Marks: 40
Internal Assessment: 10
Time allowed: 3 h (one session)

Learning outcomes: After successful completion of course, students will be able to

- 606.1 Exhibit skills to isolate lymphocytes from blood/spleen and to perform various immunoassays such as Ouchterlony double immunodiffusion (DID), Western Blotting, ELISA for diagnosis of various diseases.
- 606.2 perform techniques to purify immunoglobulins and the blood typing.

Approaches to teaching

Instructions, Chalk and board teaching, demonstrations, models, practical and practice

Requirements

Regular attendance and active participation during the course; reference material; laboratory equipments, glassware and chemicals

Evaluation

The performance of the students will be evaluated against expected learning course outcomes on the basis of class participation, regularity, performance in lab practicals, records and viva voce.

Practicals:

1. Isolation of lymphocytes from blood / spleen.
2. Ouchterlony double immunodiffusion (DID)
3. Partial purification of immunoglobulins
4. Demonstration of Western Blotting
5. Assays based on agglutination reactions - Blood typing
6. Enzyme linked immunosorbent assay (ELISA)

Suggested Reading

1. Abbas AK, Lichtman AH, Pillai S. (2007). Cellular and Molecular Immunology. 6th edition
Saunders Publication, Philadelphia.
2. Delves P, Martin S, Burton D, Roitt IM. (2006). Roitt's Essential Immunology. 11th edition
Wiley- Blackwell Scientific Publication, Oxford.
3. Goldsby RA, Kindt TJ, Osborne BA. (2007). Kuby's Immunology. 6th edition W.H. Freeman and Company, New York.

4. Murphy K, Travers P, Walport M. (2008). Janeway's Immunobiology. 7th edition
Garland
Science Publishers, New York.
5. Peakman M, and Vergani D. (2009). Basic and Clinical Immunology. 2nd edition
Churchill
Livingstone Publishers, Edinburgh.
6. Richard C and Geoffrey S. (2009). Immunology. 6th edition. Wiley Blackwell
Publication.

Programme Outcomes for UG courses of Faculty of Life Sciences

1. To develop skills in graduate students to be able to acquire theoretical and practical knowledge in fundamentals of biology in respective disciplines of plants, animals, microbes and environment.
2. To inculcate ability to critically evaluate problems and apply lateral thinking and analytical skills for professional development.
3. To create awareness on ethical issues and adoption of good laboratory practices and biosafety.
4. To develop ability in youth for understanding basic scientific learning and effective communication skills.
5. To prepare youth for career in teaching, industry, government organizations and self-reliant entrepreneurship.
6. To make students aware of natural resources and environment and its sustainable utilization.
7. To provide learning experience in students that instills deep interest in biological science for the benefit of society.

Programme specific Outcomes for UG courses in Biotechnology

After the successful completion of the programme the student will be able to

PSO1 : demonstrate the knowledge and understanding of biological sciences i.e. structure and function of biological molecules, biological mechanisms, such as the processes and control of bioenergetics and metabolism, as chemical reactions with engineering technologies to manipulate living organisms and biological systems to produce products that advance healthcare, medicine, agriculture, food, pharmaceuticals and environment control

PSO2 critically think and correlate the biological knowledge of distribution, morphology and physiology of organisms (animals, plants and microorganisms) to techniques in aseptic procedures, isolation, identification, characterization and modifications to improve quality of life in person as well as community.

PSO3 demonstrate an understanding of the principles of bio- techniques, and exhibit basic professional skills pertaining to biotechnology, carry out laboratory-orientated numerical calculations and analyse biological data (e.g. in enzyme kinetics, molecular structure analysis, microbiological techniques, immunological inferences)

PSO4 scientific writing and authentic reporting, effective presentation skills and ability to work in a group with cooperation

CORE COURSE- BIOTECHNOLOGY-1 (BASICS OF BIOTECHNOLOGY)	
CO#	After the successful completion of the course the student will be able to
101.1	Demonstrate the knowledge of the concept and applications of biotechnology in animals and plants
101.2	Give an insight of scope and applications of biotechnology in agriculture, environment, food and chemical industries
102.1	Classify, define, draw structures and explain various properties of carbohydrates and various types of lipids: correlate them to their functions.
102.2	Classify, draw structures of standard amino acids, explain chemical and physical properties of amino acids; Describe different classes of proteins and nucleic acids; explain different levels of their structural organization
103.1	Prepare various types of solutions used in qualitative and quantitative biochemical estimations; verify and apply the basic principles of spectroscopy
103.2	Analyse the unknown samples qualitatively for the presence of various biomolecules

CORE COURSE- BASICS OF BIOTECHNOLOGY											
CO#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
101.1	3	3	3	3	3	3	3	3	3	2	3
101.2	3	3	3	3	3	3	3	3	3	2	3
102.1	3	3	2	3	3	3	3	3	3	2	3
102.2	3	3	2	3	3	3	3	3	3	2	3
103.1	3	3	3	3	3	2	2		3	3	3
103.2	3	3	3	3	3	3	2	3	3	3	3
Average	3	3	2.66	3	3	2.82	2.66	2.5	3	2.33	3

CORE COURSE- BIOTECHNOLOGY-2 (ENZYMES& METABOLISM)	
CO#	After the successful completion of the course the student will be able to
201.1	Define various characteristics of enzymes, classify them, elaborate the role of cofactors in enzyme catalysis and describe various approaches for purification of enzymes
201.2	Exhibit the knowledge of enzyme kinetics of unisubstrate reactions, various kinetics parameters (K_m , V_{max} etc.), different types of enzyme inhibitions; analyse the industrial importance of enzymes and the techniques to use them
202.1	describe the metabolic pathways <i>i.e.</i> glycolysis (catabolism), gluconeogenesis (anabolism), and TCA cycle, their regulations; the reactions and regulation of lipid catabolism by beta, oxidative pathways.
202.2	analyse how amino acid catabolism leads to formation of diverse type molecules including ketone bodies, glucose, urea: discuss the catabolism and anabolism of nucleic acids
203.1	Exhibit skills in extraction and quantitatively estimating the enzyme activity, K_m , V_{max} and protein content of the samples
203.2	Isolate and characterize carbohydrates, lipids and proteins from the natural sources

CORE COURSE- ENZYMES& METABOLISM											
CO#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
201.1	3	3	3	3	3	3	3	3	3	3	3
201.2	3	3	3	3	3	3	3	3	3	3	3
202.1	3	3	3	3	3	3	3	3	3	2	3
202.2	3	3	3	3	3	3	3	3	3	2	3
203.1	3	3	3	3	3	2	2	3	3	3	3
203.2	3	3	3	3	3	3	2	3	3	3	3
Average	3	3	3	3	3	2.82	2.66	3	3	2.66	3

CORE COURSE- BIOTECHNOLOGY-3 (MICROBIOLOGY)	
CO#	After the successful completion of the course the student will be able to
301.1	Illustrate the knowledge of history, scope, classification, various approaches of study and microbial diversity
301.2	Give an account of microbial growth, reproduction, metabolism and methods to control them :Identify the microorganisms in water and food
302.1	Illustrate the knowledge of normal microflora and infections in human body.
302.2	Give an account of pathogenesis by various microorganisms
303.1	Exhibit skills in preparation of media and staining
303.2	Isolate, identify and characterize bacteria from different sources

CORE COURSE- MICROBIOLOGY											
CO#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
301.1	3	3	3	3	3	3	3	3	3	3	3
301.2	3	3	3	3	3	3	3	3	3	3	3
302.1	3	3	3	3	3	3	3	3	3	2	3
302.2	3	3	3	3	3	3	3	3	3	2	3
303.1	3	3	3	3	3	2	2	3	3	3	3
303.2	3	3	3	3	3	3	3	3	3	3	3
Average	3	3	3	3	3	2.82	2.82	3	3	2.66	3

CORE COURSE- BIOTECHNOLOGY-4 (MOLECULAR BIOLOGY AND RECOMBINANT DNA TECHNOLOGY)	
CO#	After the successful completion of the course the student will be able to
401.1	Elaborate the central dogma of life, the general principles of gene organization and describe the structure and functions of proteins involved in replication and repair mechanisms
401.2	Give an insight of the process of gene expression, mechanism of transcription, post-transcriptional processing of RNA in prokaryotes; Describe and correlate the concept of genetic code and mechanism of translation in prokaryotes
402.1	give insight of the principles and applications of the molecular tools used in recombinant DNA technology
402.2	elaborate the process and applications of genetic engineering in animals
403.1	isolate DNA from plants and bacteria, plasmid DNA.
403.2	demonstrate the making and transforming competent cells

CORE COURSE- MOLECULAR BIOLOGY AND RECOMBINANT DNA TECHNOLOGY											
CO#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
401.1	3	3	2	3	3	3	2	3	2	3	3
401.2	3	3	2	3	3	3	2	3	2	3	3
402.1	3	3	3	3	3	3	3	3	3	3	3
402.2	3	3	3	3	3	3	3	3	3	3	3
403.1	3	3	3	3	3	2	2	3	3	3	3
403.2	3	3	3	3	3	3	3	3	3	3	3
Average	3	3	2.66	3	3	2.82	2.5	3	2.66	3	3

DISCIPLINE SPECIFIC COURSE- ANIMAL BIOTECHNOLOGY	
CO#	After the successful completion of the course the student will be able to
501.1	exhibit the knowledge of the basic concepts of animal biotechnology; animal cell and tissue culture technology, principles and applications
501.2	Illustrate the applications of stem cell technology and Cellular reprogramming in animal science
502.1	Describe the Techniques of transfection and applications in production of vaccines and gene therapy
502.2	Elaborate the techniques and applications of invitro fertilization and transgenic animals
503.1	prepare different media, culture and cryopreserve the animal cells
503.2	Isolate and quantify DNA from animal cells/ tissue

DISCIPLINE SPECIFIC COURSE- ANIMAL BIOTECHNOLOGY											
CO#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
501.1	3	3	3	3	3	3	3	3	3	3	3
501.2	3	3	3	3	3	3	3	3	3	3	3
502.1	3	3	3	3	3	3	3	3	3	3	3
502.2	3	3	3	3	3	3	3	3	3	3	3
503.1	3	3	3	3	3	2	3	3	3	3	3
503.2	3	3	3	3	3	2	2	3	3	3	3
Average	3	3	3	3	3	2.83	2.83	3	3	3	3

DISCIPLINE SPECIFIC COURSE- MEDICAL BIOTECHNOLOGY	
CO#	After the successful completion of the course the student will be able to
504.1	Correlate abnormalities in chromosomal structure, number, stability to the related diseases
504.2	Give insight of techniques helpful diagnosis and prognosis of diseases.
505.1	Correlate various deficiency diseases and mechanisms involved in their treatment.
505.2	discuss the application of vaccines as a tool to prevent these diseases
506.1	Perform various tests to identify infectious diseases.
506.2	Isolate DNA from blood sample and demonstrate qualitative analysis of DNA damage

DISCIPLINE SPECIFIC COURSE- MEDICAL BIOTECHNOLOGY											
CO#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
504.1	3	3	3	3	3	2	3	3	2	2	3
504.2	3	3	3	3	3	2	3	3	3	3	3
505.1	3	3	3	3	3	2	3	3	3	2	3
505.2	3	3	3	3	3	3	3	3	3	3	3
506.1	3	3	3	3	3	3	3	3	3	3	3
506.2	3	3	3	3	3	2	3	3	3	3	3
Average	3	3	3	3	3	2.33	3	3	2.83	2.66	3

DISCIPLINE SPECIFIC COURSE- PLANT BIOTECHNOLOGY	
CO#	After the successful completion of the course the student will be able to
601.1	Elaborate the basic concept of plant tissue culture, different aseptic conditions, culture media and their supplements.
601.2	Describe different types of plant culture (tissue, organ and protoplast) and various techniques such as micropropagation, totipotency, somaclonal variation, their applications and limitations.
602.1	exhibit the knowledge of organization plant genome, different genetic transformation techniques with their merits and limitations. All types of characterization of transformants with different markers
602.2	apply the principles and techniques of genetic engineering in improving quality of plants/ food
603.1	culture plant tissues by various techniques
603.2	prepare the extract and analyse for antibiotic activity

DISCIPLINE SPECIFIC COURSE- PLANT BIOTECHNOLOGY											
CO#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
601.1	3	3	3	3	3	2	3	3	3	3	3
601.2	3	3	3	3	3	2	3	3	3	3	3
602.1	3	3	3	3	3	2	3	3	3	3	3
602.2	3	3	3	3	3	3	3	3	3	3	3
603.1	3	3	3	3	3	3	3	3	3	3	3
603.2	3	3	3	3	3	2	3	3	3	3	3
Average	3	3	3	3	3	2.33	3	3	3	3	3

DISCIPLINE SPECIFIC COURSE- IMMUNOLOGY	
CO#	After the successful completion of the course the student will be able to
604.1	Exhibit the knowledge of basic components, organs, cells of immune system, components of immunity and will understand the coordination between humoral, cell-mediated and innate immune responses in combating pathogens
604.2	Illustrate the attributes of antigens, immunogens, factors affecting immunogenicity; the structure and functions of different types of immunoglobulins
605.1	Understand the basis and applications of antigen antibody interactions disease diagnosis and exhibit the knowledge of different modes of complement activation, types of MHCs and their role in antigen presentation and processing
605.2	Illustrate structures and functions of various components of cell mediated immune response; the principles of tolerance, autoimmunity and different types of hypersensitivity
606.1	Exhibit skills to isolate lymphocytes from blood/spleen and to perform various immunoassays such as Ouchterlony double immunodiffusion (DID), Western Blotting , ELISA for diagnosis of various diseases. .
606..2	Perform techniques to purify immunoglobulins and the blood typing

DISCIPLINE SPECIFIC COURSE- IMMUNOLOGY											
CO#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
604.1	3	3	2	3	3	2	3	3	2	3	3
604.2	3	3	2	3	3	2	3	3	2	3	3
605.1	3	3	2	3	3	2	3	3	2	3	3
605.2	3	3	2	3	3	2	3	3	2	3	3
606.1	3	3	3	3	3	2	3	3	3	3	3
606..2	3	3	3	3	3	2	3	3	3	3	3
Average	3	3	3	3	3	2	3	3	2.33	3	3

Annexure-

Department of Library & Information Science
Kurukshetra University Kurukshetra
(Established by the State Legislature Act XII of 1956)

Scheme of Examination
for
BACHELOR OF LIBRARY & INFORMATION SCIENCE
(Under Choice Based Credit System Scheme)
w.e.f. the Session 2020-21 in Phased Manner

Semester-I

Paper Code	Nomenclature of Papers	Total no. of Credit				Teaching Work Load per week in Hours	IA Theory	Max. Marks Theory	IA Practical	Max. Marks Practical	Total Marks	Duration of Theory Exam	Duration of Practical Exam
		L	T	P	Total								
BLIS-101	Library and Information Society	3	1	0	4	4	20	80	--	--	100	3 Hours	--
BLIS-102	Library Classification (Theory and Practice)	2	0	2	4	6	10	40	10	40	100	2½ Hours	2 Hours
BLIS-103	Information Sources (Theory and Practice)	2	1	1	4	5	10	50	10	30	100	2½ Hours	2 Hours
BLIS-104	Information Systems and Networks	2	0	0	2	2	10	40	--	--	50	2½ Hours	--
	ELECTIVE PAPERS												
BLIS-105	Information Literacy	3	1	0	4	4	20	80	--	--	100	3 Hours	--
BLIS-106	Community Information Services (CIS)	3	1	0	4	4	20	80	--	--	100	3 Hours	--

Semester-II

Paper Code	Nomenclature of Papers	Total No. of Credit				Teaching Work Load per week in Hours	IA Theory	Max. Marks Theory	IA Practical	Max. Marks Practical	Total Marks	Duration of Theory Exam	Duration of Practical Exam
		L	T	P	Total								
BLIS-107	Management of Libraries and Information Centers	3	1	0	4	4	20	80	--	--	100	3 Hours	--
BLIS-108	Users and Information Services (Theory and Practice)	2	1	1	4	5	10	50	10	30	100	2½ Hours	2 Hours
BLIS-109	ICT Applications in LIS (Theory and Practice)	2	1	1	4	5	10	50	10	30	100	3 Hours	2 Hours
BLIS-110	Library Cataloguing (Theory and Practice)	2	0	2	4	6	10	40	10	40	50	2 Hours	2 Hours
BLIS-111	Library Tour	0	2	0	2	2	--	--	--	--	100	--	--
BLIS-112	School Library System	3	1	0	4	4	20	80	--	--	100	3 Hours	3 Hours
BLIS-113	E-Resource Management	3	1	0	4	4	20	80	--	--	100	3 Hours	3 Hours

Note: Assignments, case studies, seminars, discussions and round tables, all shall be covered under Tutorials.

OPEN ELECTIVE PAPERS (Inter-Disciplinary Paper for the students of other Departments)

LIS-OE-1	Introduction to Library and its Services	2	0	0	2	2	10	40	--	--	50	2 Hours	--
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Conversion of Marks obtained in each paper / semester to Letter Grade and Grade Points shall be as following:

Letter Grade	Grade Point	Marks
O (Outstanding)	10	85-100
A+ (Excellent)	9	75-84
A (Very Good)	8	65-74
B+ (Good)	7	55-64
B (Above Average)	6	50-54
C (Average)	5	41-49
P (Pass)	4	40
F (Fail)	0	Less than 40
Ab	0	Absent

SEMESTER – I

PAPER- BLIS-101: LIBRARY AND INFORMATION SOCIETY

Objectives

- To introduce students to the field of Library and Information Science
- To introduce students to the concepts of Information Society; and
- To provide an overview of the entire programme.

Learning Outcomes

After studying this paper, student shall be able to:

- Understand the field of Library and Information Science.
- Understand the normative principles of Library & Information Science.
- Familiarize with Professional Associations, PR, Extension activities and Resource Sharing.
- Familiarise with Library Legislations in India.

Total: 100 Marks

Credit: 04

**Internal Assessment: 20 Marks (Presentation/Test - 10 + Attendance/Assignment - 5 +
Class test/Assignment - 5)**

Theory: 80 Marks

Time: 3 Hours

Note: The paper is divided into **4** Units. The examinees will be required to attempt *Five* questions in all, including Question 1, which is compulsory and selecting *One* question from each Unit (I – IV). Question 1 will consist of **8** short Answer (2 marks each) questions (having no internal choice) spread over the whole syllabi. The Examiner will set *Two* questions from each Unit.

Unit-I: Concept of Library in Society

- Social and Historical Foundations of Information Library.
- Development of Libraries with special reference to India.
- Different Types of Libraries - their distinguishing features and functions.

Unit-II: Normative Principles of Library and Information Science

- Five Laws of Library Science and their Implications on Library and Information Activities.

Unit-III: Professional Associations, Public Relations, Extension Activities and Resource Sharing

- Professional Associations and their role with particular reference to ILA and UNESCO.
- Definition: Facets and programmes of Public Relations and Extension Services.
- Resource Sharing.

Unit-IV: Laws relating to Libraries and Information Centres

- Library Legislation in India: Need and essential features.
- Librarianship as a Profession.

Recommended Books

1. GARDENER (Frank M). Public Library Legislation: A Comparative Study.1971. Paris, UNESCO.
2. HARRISON (Colin) and BEENHAM (Rosemary). The Basic of Librarianship.1987. London. Clive-Bengley.
3. INDIA MINISTRY OF EDUCATION, Report of the Advisory Committee for Libraries.1959.Delhi, Manager of Publications.
4. JEFFERSON (G). Libraries and Society.1969. London, James Clarks and Co.
5. KHANNA (J K). Fundamentals of Library Organisation.
6. KHANNA (J K). Library and Society.1987.Kurukshetra; Research Publication.
7. SAINI (O P). Pustakālaya aura Samāja. (Hindi medium)

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PAPER- BLIS-102: LIBRARY CLASSIFICATION (Theory and Practice)

Objectives

- To introduce the structure and attributes of Universe of Knowledge.
- To familiarize with the process of Library Classification.
- To familiarize with various provisions of major Classification Schemes.

Learning Outcomes

After studying this paper, student shall be able to:

- Understand the nature and attributes of Universe of Knowledge.
- Elaborate meaning and types of Subjects.
- Understand the process of Classification.
- Discuss Characteristics, Merits and Demerits of Species of Library Classification Schemes.
- Understand salient features of major Classification Schemes.

Part – I: Theory

Total: 50 Marks

Credit: 02

Internal Assessment: 10 Marks (Attendance/Assignment - 5 (includes attendance of Classification Practical classes also) + Assignment/Class test/Assignment - 5)

Theory: 40 Marks

Time: 2½ Hours

Note: The paper is divided into **3** Units. The examinees will be required to attempt **Four** questions in all, including Question 1, which is compulsory and selecting **One** question from each Unit (I – III). Question 1 will consist of **5** short Answer (2 marks each) questions (having no internal choice) spread over the whole syllabi. The Examiner will set **Two** questions from each Unit.

Unit-I: Universe of Knowledge

- Knowledge Organisation: Basic concept.
- Subjects: Basic, Compound and Complex.
- Planes of Work.

Unit-II: Library Classification

- Library Classification: Definition, Need and Purpose.
- Species of Classification Schemes.
- Notation: Need, Types and Quality.
- Call Number: Class Number, Book Number and Collection Number.

Unit-III: Classification Schemes & Current Trends

- Overview of Colon Classification.
- Main features of latest editions of DDC and UDC.
- Current Trends: Web Dewey, OCLC Classify and Folksonomy.

Part – II: Practice

Total: 50 Marks

Credit: 02

Internal Assessment: 10 Marks (Assignment - 5 + Test - 5)

Time: 2 Hours

Practical Examination: 40 Marks

Colon Classification (6th Rev. ed.)

Marks: 10

Note: There will be *Seven* Titles and the examinees will be required to classify any *Five* titles only.

Unit-I: Classification of Documents

- Simple Subject.
- Fundamental Categories.
- Facet Analysis and Facet Sequence.
- Devices.
- Common Isolates.
- Phase Relations.

Unit-II: Dewey Decimal Classification (23rd ed.)

Marks: 30

Note: There will be *Fifteen* Titles and the examinees will be required to classify any *Ten* titles only.

Unit-III: Classification of Documents

- Simple Subject (Summaries).
- Introduction to Schedules.
- Use of Tables.
- Relative Index.

Recommended Books

1. DHYANI (Pushpa). Theory of Library Classification. 2000. VishwaPrakashan, Delhi.
2. KRISHAN KUMAR. Theory of Library Classification. 1985. Vikas, Delhi.
3. RANGANATHAN (S R) Prolegomena to library classification. 3rded. 1967. SardaRanganathan Endowment, Bombay.
4. TRIPATHI (S M) and SHOKEEN (N S). Fundamentals of Library Classification (Hindi Medium). 1988. Y.K., Agra.

* * * * *

PAPER- BLIS-103: INFORMATION SOURCES (Theory and Practice)

Objectives

- To acquaint with various types of Information Sources.
- To familiarize with different types of Reference Books.
- To develop evaluative and practical skills in evaluating Information Sources.

Learning Outcomes

After studying this paper, student shall be able to:

- Understand different types of Reference Books.
- Develop practical skill in dealing with evaluating Information Sources.

Part-I: Theory

Total: 60 Marks

Credit: 03

Internal Assessment: 10 Marks (Attendance/Assignment – 5 (includes attendance of Practical Classes also) + Class test/Assignment – 5)

Theory: 50 Marks

Time: 2½ Hours

Note: The paper is divided into **3** Units. The examinees will be required to attempt **Four** questions in all, including Question 1, which is compulsory and selecting **One** question from each Unit (I – III). Question 1 will consist of **7** short Answer (2 marks each) questions (having no internal choice) spread over the whole syllabi. The Examiner will set **Two** questions from each Unit.

Unit-I: Reference and Information Sources

- Documentary Sources of Information: Print, Non-print and Electronic Resources.
- Categories: Primary, Secondary and Tertiary Sources.
- Human and Institutional: Nature, Types, Characteristics and Utility.
- Internet as a Source of Information.

Unit-II: Types and Evaluation of Reference Sources

- Different types of Reference Books and Criteria for their Evaluation of Encyclopaedias, Dictionaries, Geographical Sources, Biographical Sources, Reference Sources for Current Events and Ready Reference Sources.

Unit-III: Bibliographical Sources

- Bibliographical Sources: Functions and Types and Branches.
Uses and Criteria for Evaluation of National Bibliography, Trade Bibliography, Subject Bibliography, Indexing and Abstracting Sources.

Part-II: Practice

Total: 40 Marks

Internal Assessment (Assignment: 10 Marks)

Practical Examination: 30 Marks

Credit: 01

Time: 2 Hours

The Distribution of Marks and Scheme of Examination will be as follows:

1. The examinees will be required to evaluate **One** Information Source as given by the examiner. **Marks: 10**
2. This part will consist of **10** Information Queries. The examinees must give only **one** Standard Source of Information (which according to the examinee is the most appropriate) along with Complete Bibliographical Details. **Marks: 20**

Evaluation of Information Sources available on Online (The List of Online Information Sources will be given by the concerned Teacher during Online Classes).

Recommended Books

1. BUNCH (Allan). Basics of information work, 1995. Clive Bingley. London.
2. CHANDLER (G) How to find out: A guide to sources of information for all, Ed. 4. 1971. Pergamon, Oxford.
3. KATZ (William A). Introduction to reference work, Ed. 7 2V, 1996. McGraw Hill, New York.
4. KRISHAN KUMAR, Reference Service.1969.Vikas, New Delhi.
5. TRIPATHI (S M). Modern bibliographical control, Bibliography and documentation. 1992. Y.K., Agra.
6. USHA PAWAN and GUPTA (Pawan Kumar) Sandarbh Sewa: Saidhantik avom Kriyatmak. 1994. RBSA, Jaipur. (Hindi Medium).

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PAPER – BLIS-104: INFORMATION SYSTEMS AND NETWORKS

OBJECTIVES

- To understand the Concept and Scope of Information Systems.
- To acquaint with the Services and Products of Information Systems.
- To understand the concept and scope of Information Networks.
- To know the Techniques and Products of Library and Information Networks.

Learning Outcomes

After studying this paper, the students shall be able to:

- Understand the Concept and Scope of Information Systems.
- Acquaint with the Services and Products of Information Systems.
- Understand the Concept and Scope of Information Networks.
- Know the Techniques and Products of Library and Information Networks.

Total: 50 Marks

Credit: 02

**Internal Assessment: 10 Marks (Presentation/Test - 10 + Attendance/Assignment - 5+
Class Test/Assignment - 5)**

Theory: 40 Marks

Time: 2½ Hours

Note: The paper is divided into **2** Units. The examinees will be required to attempt *three* questions in all, including Question 1, which is compulsory and selecting *One* question from each Unit (I – II). Question 1 will consist of **5** short Answer (2 marks each) questions (having no internal choice) spread over the whole syllabi. The Examiner will set *Two* questions from each Unit.

Unit-I: Information Systems

- Definitions, Types and Overview of Information Systems.
- Services and Products of Information Systems: AGRIS, INIS, ENVIS, BTIS and MEDLARS.

Unit-II: Library and Information Networks

- Definitions, types and over view of Information Networks.
- Description of Library and Information Networks: INFLIBNET, DELNET, CALIBNET, NICNET, MALIBNET.

Recommended Books

1. Aswal, R. S., ed. (2003). Information Network in India. New Delhi: Ess Ess Publication.
2. Kaul, H. K. (1999). Library Resource Sharing Networks. New Delhi : Virgo Publications.
3. Khanna, J.K. (1996). Handbook of Information Systems and Services. New Delhi: Beacon Books.
4. Khanna, J.K. (2000). Documentation and Information Services, Systems and Techniques. Agra: Y.K. Publishers.

5. Lithikar, Shalini R. (2012). Information Systems and Networks in India. New Delhi: Today and Tomorrow's Printers and Publishers.
6. Neelameghan, A. and Prasad, K. N. (1998). Information Systems, Networks and Services in India: Developments and Trends. 2 vols. New Delhi: Indian Bibliographic Center.
7. Rowley, J. E. (1996). The Basics of Information Systems. London : Facet Publishing.
8. Sewa Singh. (1999). "Library and Information networks in India." In Vistas in Library, Information Systems and Networks. Eds. M. V. Venugopal and others. Agra: Y. K. Publisher.

WEBSITES

- AGRIS: www.fao.org/agris
- BTIS: www.btisnet.nic.in
- CALIBNET: www.calibnet.org
- DELNET: www.delnet.nic.in
- ENVIS: www.envis.org
- INFLIBNET: www.inflibnet.ac.in
- INIS: www.iaea.org/inis
- MALIBNET: www.angelfire.com/in/malibnet
- MEDLARS: www.nlm.nih.gov
- NICNET: www.home.nic.in

ELECTIVE PAPERS

PAPER – BLIS-105: INFORMATION LITERACY

Objectives

- To understand the Concept and Scope of Information Literacy.
- To acquaint with the Theoretical Framework of Information Literacy.
- To enable to Plan and Implementation of Information Literacy Programmes in different types of libraries.
- To know the suitable Techniques and Products for Information Literacy (content) delivery

Learning Outcomes

After studying this paper, students shall be able to:

- Understand the concept of Information literacy, its importance for lifelong learning.
- Know the different terms related to Information Literacy.
- Know the different theoretical models, standards, and framework proposed at international level. They will also know the significant information literacy initiatives in India.
- Know the information literacy programmes in different types of Libraries.
- Prepare the significant products and use techniques of imparting information literacy instructions.

Total: 100 Marks

Credit: 04

Internal Assessment: 20 Marks (Presentation/Test - 10 + Attendance - 5+ Class test/Assignment - 5)

Theory: 80 Marks

Time: 3 Hours

Note: The paper is divided into **4** Units. The examinees will be required to attempt *Five* questions in all, including Question 1, which is compulsory and selecting *One* question from each Unit (I – IV). Question 1 will consist of **8** short Answer (2 marks each) questions (having no internal choice) spread over the whole syllabi. The Examiner will set *Two* questions from each Unit.

Unit-I: Concept, Types and Importance of Information Literacy

- Information Literacy: Concept, Definition, Need and Importance
- Types of Information Literacy –Technology Literacy, Media Literacy, Computer Literacy & Digital Literacy
- Information Literacy and Lifelong Learning

Unit-II: Theoretical Framework and Initiatives of Information Literacy

- Models, Standards, Framework & Guidelines of Information Literacy: SCONUL, ACRL, UNESCO, IFLA
- Information Literacy: Initiatives and Forums in India

Unit-III: Information Literacy Courses and Implementation

- Information Literacy and LIS Education
- Role of libraries in Information Literacy: School, College and University Libraries, Public Libraries, Special Libraries

Unit-IV: Information Literacy Instruction Methods

- Library Induction
- Lecture, Demonstration, Practicals, Assignments
- Information Literacy Products: Library Brochure, Web based Access Instructions

Recommended Books

1. ANDRETTA (S). Ways of experiencing information literacy: Making the case for a relational approach. 2012. Oxford, Chandos.
2. GODWIN(P) and PARKER(J). Information literacy meets library 2.0.2009. Santa Barbara, Facet.
3. MACKEY(TP) and JACOBSON(TE). (2011). Teaching information literacy online. 2011. London, Neal- Schuman.
4. ASSOCIATION OF COLLEGE AND RESEARCH LIBRARIES (ACRL). Information Literacy Competency Standards for Higher Education. 2000. Chicago, American Library Association.<http://www.ala.org/ala/acrl/acrlstandards/informationliteracycompetency.htm>
5. BAWDEN (David). Information and Digital Literacy: a review of concepts. *Journal of Documentation* 57, 2; 2001; 218-259.
6. BRUCE (Christine). The Seven Faces of Information Literacy. 1997. Adelaide, Auslib Press.
7. COUNCIL OF AUSTRALIAN UNIVERSITY LIBRARIANS. Information Literacy Standards. 2001. Canberra, Council of Australian University Librarians.
8. PRESIDENTIAL COMMITTEE ON INFORMATION LITERACY, AMERICAN LIBRARY ASSOCIATION. Final Report. 1989. Chicago: American Library Association.<http://www.ala.org/ala/acrl/acrlpubs/whitepapers/presidential.htm>
9. SOCIETY OF COLLEGE, NATIONAL AND UNIVERSITY LIBRARIES (SCONUL). Information skills in higher education: a SCONUL Position Paper. 1999. London, SCONUL. http://www.sconul.ac.uk/activities/inf_lit/papers/Seven_pillars.html
10. TORRAS (MC) and SAETRE (T P). (2009). Information Literacy Education. 2009. Oxford, Chandos Publishing.
11. CARDIFF UNIVERSITY LIBRARY SERVICES. 2016. Handbook for Information Literacy Teaching. <http://sites.cardiff.ac.uk/ilrb/handbook/>

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PAPER – BLIS-106: COMMUNITY INFORMATION SERVICES (CIS)

Objectives

- To provide basic concepts related to community information system and services.
- To introduce resources, standards and software related to CIS.
- To explore the applications of software and standards in developing digital community information system and services.

Learning Outcomes

After studying this paper, student shall be able to:

- Understand the basic concept of Community Information System and Services.
- Familiarize with the Resources, Standards and Software related to CIS.
- Understand the need of community group.

Total: 100 Marks

Credit: 04

Internal Assessment: 20 Marks (Presentation/ Test- 10 + Attendance/ Assignment– 5+ Class test/Assignment – 5)

Theory: 80 Marks

Time: 3 Hours

Note: The paper is divided into **4** Units. The examinees will be required to attempt *Five* questions in all, including Question 1, which is compulsory and selecting *One* question from each Unit (I – IV). Question 1 will consist of **8** short Answer (2 marks each) questions (having no internal choice) spread over the whole syllabi. The Examiner will set *Two* questions from each Unit.

Unit-I: Community Information Services (CIS)

- Community Information Services – Definition, Need, Features and Objectives
- Libraries as Community Information Centres and their role in Social Development

Unit-II: User Groups and their information needs

- Information and Information Services:
- Rural Community
- Urban Community
- Women Empowerment
- Weaker Sections of Society

Unit-III: Community Information Resources

- Community Information Sources: Documentary Sources; Institutional Sources; Human sources and Electronic Resources
- Social Media as a means of Information Communication.

Unit-IV: Government Initiatives for Social Development

- Role of NGOs in the Community Information

- E-Governance: Meaning, Scope and Purposes
- E-Governance Initiatives in India
- Right to information: Concept and RTI Act, 2005 (Introduction only)

Recommended Books

1. AINLEY (P). Basics of community information: an action handbook for librarians. 1980. London, Association of Assistant Librarians.
2. CHILDERS (Thomas) and POST (Jyoce A). The Information Poor in America.1975. Metuchen N.J , Scarecrow Press.
3. MUKHOPADHYAY (P). Digital community information system: a framework for India. 2011. Germany, LAP Lambert Academic Publishing.
4. SARADA (K). Rural Library Services in India.1986. New Delhi, ESS ESS Publications.
5. VASHISHTH (CP). Ed. Libraries as Rural Community Resource Centers. 2004. New Delhi, B.R.
6. WARNER (E S), MURRAY (A D) and PALMOR (V E). Information Needs of Urban Residents. 1973. Baltimore, MD, Regional Planning Council.

SEMESTER – II

PAPER – BLIS-107: MANAGEMENT OF LIBRARIES AND INFORMATION CENTRES

Objectives

- To introduce Environmental Factors of Libraries and Information Centres.
- To understand Organizational Structure.
- To study Functions and Routines of Different Sections.

Learning Outcomes

After studying this paper, student shall be able to:

- Understand the Management aspects of Library & Information Centers.
- Familiarize with the different Sections of the Library & Information Centers.
- Understand Library Finance and Budgeting.

Total: 100 Marks

Credit: 04

Internal Assessment: 20 Marks (Presentation/Assignment – 10 + Attendance/Assignment-5 + Class test/Assignment- 5)

Theory: 80 Marks

Time: 3 Hours

Note: The paper is divided into 4 Units. The examinees will be required to attempt *Five* questions in all, including Question 1, which is compulsory and selecting *One* question from each Unit (I – IV). Question 1 will consist of 8 short Answer (2 marks each) questions (having no internal choice) spread over the whole syllabi. The Examiner will set *Two* questions from each Unit.

Unit-I: Library Environment

- Organisation, Management and Administration: A Conceptual Framework.
- Library Committee: Types, Functions and Powers.

Unit-II: Library Finance and Budgeting

- Sources of Finance.
- Methods of Estimating Library Finance.
- Budget Preparation for different types of Libraries.
- Annual Report & Library Statistics.

Unit-III: Sections of the Library

- Book Selection and Procurement: Principles, Policy, Committee, Tools and Procedure.
- Technical Processing Section.
- Periodicals Section.
- Circulation Section.
- Reference Section

Unit-IV: Maintenance and Space Management

- Maintenance Section: Stacking, Shelving, Shelf Rectification, Stock Verification, Binding etc.
- Space Management.

Recommended Books

1. Application of Management Techniques to Library and Information Systems, 12th IASLIC Conference, Roorkee, 1979.
2. MITTAL (R L). Library Administration: Theory and Practice. 5th ed. 1983. New Delhi, Metropolitan.
3. MOOKERJEE (Subodh Kumar) and SENGUPTA (Beneyendra). Library Organization and Library Administration. 1972. Calcutta, World Press.
4. PANWAR (B S) and VYAS (S D). Library Management. 1986. Delhi; R.R. Publishing Corporation.
5. RANGANATHAN (S R) Library Manual for Authorities, Librarians and Honorary Library Workers. 2nd ed. 1967. Bombay, Asia.
6. SINGH (M). Library and Information Management: Theory and Practice. 1983. Delhi, IBT.
7. SINGH (R S P). Fundamentals of Library Administration and Management. 1990. Delhi, Prabha.
8. STEUART (Robert) and EASTILICK (John T). Libraries Management. 2nd ed.1991. Colorado, Libraries Unlimited.
9. TRIPATHI (S M). Granthalyaprabandh (Hindi medium).

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PAPER – BLIS-108: USERS AND INFORMATION SERVICES (THEORY AND PRACTICE)

Objectives:

- To familiarize with various categories of Users and their Information Needs.
- To get acquainted about different types of Information Services and develop practical skills in offering of selected Information Services.

Learning Outcomes

After studying this paper, students shall be able to:

- Familiarizing with different categories of Users and their Information Needs.
- Know the various types of Information Services and instill Practical Skills in offering of Information Services in libraries.

Total: 60 Marks

Credit: 03

Internal Assessment: 10 Marks (Attendance/Assignment – 5 (includes attendance of Practical Classes also) + Class test/Assignment – 5)

Theory: 50 Marks

Time: 2½ Hours

Note: The paper is divided into **3** Units. The examinees will be required to attempt **Four** questions in all, including Question 1, which is compulsory and selecting **One** question from each Unit (I-III). Question 1 will consist of **7** short Answer (2 marks each) questions (having no internal choice) spread over the whole syllabi. The Examiner will set **Two** questions from each Unit.

UNIT – I: Information Users and their Information Needs

- Conceptual Definitions of Data, Information, Knowledge and Wisdom.
- Information: Types and Characteristics.
- Categories of Information Users and their Characteristics.
- Information Need and Seeking Behavior: Concept and Models.
- User Studies: Need, Objectives, Plan and Methods.
- User Education: Concept, Need and Methods.

UNIT – II: Information Services-I

- Information Services: An overview.
- Reference Service: Definition, Need, Types and Functions.
- Reference Process: Reference Question; Reference Interview.
- Referral Service
- Document Delivery Service
- Translation Services.

UNIT – III: Information Services-II

- Current Awareness type of Service (CAS).
- Selective Dissemination of Information (SDI).
- Press Clipping Service.
- Indexing & Abstracting Service,
- Web-based or Internet-based Service.

Part-II: Practice

Total: 40 Marks

Internal Assessment (Assignment: 10 Marks)

Practical Examination: 30 Marks

Credit: 01

Time: 2 Hours

Syllabus:

Preparation of Current Contents List, Newspaper Clippings, Arrangement of Bibliographic Information (MLA Ed.7th) using MS-Word/ Manual.

Note: There will be **Two** questions (10 entries each) from the following for each examinee:

1. Preparation of Current Contents List. (Broad Subject Heading Arrangement) on a specified subject.
2. Arrange Bibliographic Information (MLA Ed.7th) using MS-Word/ Manual.
3. Preparation of Newspaper Clippings using MS-Word/Manual on a specified subject.

Recommended Books

1. ATHERTON (Pauline). Handbook for information systems and services. 1977. UNESCO, Paris.
2. BOPP (Richard E) and SMITH (Linda C), *Ed.* Reference and information services: An Introduction. Rev. ed. 1995. Libraries Un., USA.
3. CHOWDHURY (GG). Information users and usability in the digital age. 2011. Neal-Schuman Publishers, Inc., New York.
4. GUHA (B) Documentation and information. Rev. ed. 2. 1983. World Press, Calcutta. K.G. Saur, Michigan.
5. KATZ (William A). Introduction to reference work. E 7. 2 V. 1996. Mc Graw Hill, New York.
6. KAWATRA (PS). Fundamentals of Documentation. 983. Sterling Pub., New Delhi.
7. KRISHAN KUMAR. Reference Service.Rev.ed.3.1987.Vikas, New Delhi.
8. LALOO (Bikka Tariang).Information Needs, Information Seeking Behavior and Users.2002.Ess Ess, New Delhi.
9. PRASAD (HN).Information needs and users.Rev.ed.2. 1991. BR Publications, New Delhi.
10. RANGANATHAN(S R). Reference Service. (1991).Sarada Ranganathan Endowment, Bangalore.
11. ROWLEY (J E). The Basics of Information Systems.1996. Facet Publishing, London.
12. SINGH, S. Handbook on International Sources on Reference and Information.2001. CREST Publishing, New Delhi
13. TRIPATHI (S.M.). New Dimensions on Reference and Information Services.(Hindi Medium) 1998. Y.K., Agra.
14. USHA PAWAN and GUPTA (Pawan Kumar). Sandarbh Sewa: Saidhantikavom

Kriyatmak 1994. RBSA, Jaipur. (Hindi Medium).

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PAPER – BLIS-109: ICT APPLICATIONS IN LIS (THEORY AND PRACTICE)

Objectives

- To acquaint the students with the basic concepts of Computers and Networking.
- To understand various aspects of Computers Technologies.
- To develop skills in using computers and MS Office Software.

Learning Outcomes

After studying this paper, student shall be able to:

- Understand the Overview of Information Communication Technology.
- Familiarized with the Computers and Networking.
- Learn practical use of MS Word, Power Point and Web Searching.

Part – I: Theory

Total: 60 Marks

Credit: 03

**Internal Assessment: 10 Marks (Presentation/ Test – 5 + Attendance/Assignment – 5
Includes attendance of Practical Classes also))**

Theory: 50 Marks

Time: 3 Hours

Note: The paper is divided into **3** Units. The examinees will be required to attempt **Four** questions in all, including Question 1, which is compulsory and selecting **One** question from each Unit (I – III). Question 1 will consist of **7** short Answer (2 marks each) questions (having no internal choice) spread over the whole syllabi. The Examiner will set **Two** questions from each Unit.

Unit-I: Computer Hardware

- The Evolution of Computers.
- Characteristics of Computers.
- Classification of Computers: Super Computer, Mainframe Computer, Mini Computer and Micro Computer. Digital vs. Analog Computers.
- **Computer Architecture:** Input Devices, Output Devices, Central Processing Unit. Memory (Auxiliary).

Unit-II: Software Concept

- System and Application Software.
- Operating Systems: Single and Multiuser.
- Basics Features of MS Windows and Linux.
- Application Software: Concept and Types.

Unit-III: Communication Technology (Networking)

- **Communication:** An Overview
- **Networks:** Concept and Components

- **Network Media:** Wire and Wireless.
- **Network Types:** PAN, LAN, MAN and WAN.
- **Topologies:** Bus, Star, Ring, Token Ring, Tree and Mesh.

Part-II: Practice

Total: 40 Marks

Credit: 01

Internal Assessment: 10 Marks (Assignment – 5 + Class test/Assignment – 5)

Practical Examination: 30 Marks

Time: 2 Hours

Note: There will be Three Questions and the examinees will be required to attempt *Two* questions.

MS Office

- **MS WORD:** Standard Toolbars, Creating a Document, Editing a Document, Formatting a Document, Maintaining Mailing List.
- **MS POWER POINT:** Creating Presentation Slides, Formatting/ Adding Graphics. Animation and Slide Transition, Slide Show. Customizing and Printing.

Online Searching

- Basic Web Searching
- E-mail

Recommended Books

1. Bharathiar University. Introduction to Information Technology.
http://buc.edu.in/sde_book/bcom_ca.pdf
2. BHARIHOKE (Deepak). Fundamentals of Information Technology. 4th Ed. Excel Books. New Delhi, 2012.
3. BOTT, Ed. Introducing Windows 10 for IT Professionals. Microsoft Press. Washington, 2015.
4. GILL (Nasib Singh). Handbook of Computer Fundamentals. Jain Book Agency. Delhi, 2016.
5. GOOKIN (Dan). Word 2016 For Dummies. Wiley & Sons, Inc., 2013.
6. Introducing Windows 10. Microsoft Press, Preview eBook.
http://download.microsoft.com/download/D/2/B/D2B18586-8C4F-4F40-828D-99D96489152A/Microsoft_Press_eBook_Introducing_Windows_10_Preview_PDF.pdf
7. LAMBERT (Joan) and FRYE (Curtis). Microsoft Office 2016 Step by Step. Microsoft Press. Washington. 2015. <https://ptgmedia.pearsoncmg.com/images/9780735699236/samplepages/9780735699236.pdf>
8. LAMBERT (Joan) and LAMBERT (Steve). Windows 10 Step by Step. Microsoft Press, Washington, 2015. <https://ptgmedia.pearsoncmg.com/images/9780735697959/samplepages/9780735697959.pdf>
9. LEON (Alexis) and LEON (Mathews). Fundamentals of Information Technology. 2nd Ed. Vikas Publishing House Pvt. Ltd. New Delhi. 2009.
10. LEON-GARCIA (Alberto) and WIDJAJA (Indra). Communication Networks: Fundamental concepts and key architectures. 2nd Ed. McGraw-Hill, 2006.

11. LOWE (Doug). PowerPoint 2013 For Dummies. Wiley & Sons, Inc., 2013.
12. LOWE (Doug). PowerPoint 2016 For Dummies. Wiley & Sons, Inc., 2015.
13. McFedries (Paul). Teach Yourself Visually Windows 10. Wiley, 2015.
14. Nagpal (D P). Computer Fundamentals. S. Chand. New Delhi. 2008.
15. NORTON (Peter). Introduction to Computers. Tata McGraw-Hill. New York. 6th Edition. 2008. <https://onlinestudy4u.files.wordpress.com/2012/10/introduction-to-computers-by-peter-norton-6th-ed.pdf>
16. ROWLEY (Jennifer). Computers for libraries. 3rd ed. Library Association. London. 1993.
17. SALARIA (R S), Computer Fundamentals. Jain Book Agency. Delhi, 2015.
18. SINHA (P K) and Sinha (P). Foundations of computing. BPB Publications. 2008. <http://www.edutechlearners.com/computer-fundamentals-p-k-sinha-free-pdf/>
19. TANENBAUM (Andrew S) and WETHERALL (David J.). Computer networks. 5th Ed. Prentice Hall of India Pvt. Ltd. 2011. <https://inspirit.net.in/books/networking/Computer%20Networks%20-%20A%20Tanenbaum.pdf>
<https://montcs.bloomu.edu/Readings/Computer%20Networks%20-%20A%20Tanenbaum%20-%205th%20edition.pdf>
20. Umesh Kumar Singh. Fundamentals of Computer and Information Technology. Jain Book Agency. Delhi, 2013.
21. WANG (Wallace). Office 2013 For Dummies. Wiley & Sons, Inc., 2013.
22. WEVERKA (Peter). Microsoft Office Home and Student Edition 2013 All-in-One for Dummies. John Wiley & Sons, Inc., 2013.
23. WEVERKA (Peter). Windows 10 For Seniors For Dummies. Wiley & Sons, Inc., 2015.

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PAPER – BLIS-110: Library Cataloguing (Theory and Practice)

Part – I: Theory

Objectives

- To familiarise with the process of Cataloguing.
- To familiarise with various provisions of AACR - II and CCC.
- To familiarise with the process of preparation of Entries according to AACR- II and CCC.

Learning Outcomes

After studying this paper, student shall be able to:

- Understand the process of Cataloguing.
- Familiarise with various provisions of AACR - II and CCC.
- Familiarise with the process of preparation of Entries according to AACR – II and CCC.

Total: 50 Marks

Credit: 02

Internal Assessment: 10 Marks (Attendance/Assignment – 5 (includes attendance of Cataloguing Practical Classes also) + Class Test/Assignment – 5)

Theory: 40 Marks

Time: 2 Hours

Note: The paper is divided into **3** Units. The examinees will be required to attempt **Four** questions in all, including Question 1, which is compulsory and selecting **One** question from each Unit (I – III). Question 1 will consist of **5** short Answer (2 marks each) questions (having no internal choice) spread over the whole syllabi. The Examiner will set **Two** questions from each Unit.

Unit-I: Bibliographic Description-I

- Catalogue – Definition, Need and Purpose, Types of Library Catalogue.
- Physical Forms: Conventional and Non-conventional

Unit-II: Bibliographic Description-II

- Kinds of Entries and their functioning according to CCC and AACR-II.

Unit-III: Subject Cataloguing

- Definition, Need, Purpose and problems of Subject Cataloguing, Methods of Subject Cataloguing. Chain Procedure and Sears List of Subject Headings. Latest trends in Library Cataloguing

Part – II: Practice: AACR-II

Objectives

- To familiarise with the process of cataloguing according to AACR-II.
- To develop practical skills in preparation of Catalogue Entries according to AACR-II

Learning Outcomes

After studying this paper, student shall be able to:

- Understand the process of cataloguing according to AACR-II.
- Prepare Entries according to AACR – II.

Total: 50 Marks

Credit: 02

Internal Assessment: 10 Marks (Preparation of Cataloguing Copy)

Time: 2 Hours

Practical Examination: 40 Marks

Note: There will be *Five* Titles and the examinees will be required to attempt any *Three* Titles. All titles carry equal marks.

Unit-I: Conventional Documents

- Sections and Skeleton Card of Main and Added entries.
- Basic features, Personal Author(s), Shared Authorship, Collaborator (s).
- Cataloguing of Pseudonym Work.
- Cataloguing of Multivolume documents.
- Cataloguing of Periodical Publications (Simple Periodical Publications)

Books Recommended

1. ALA and others. Anglo American Cataloguing Rules. Revised ed. 2. 1998.
2. SEARS (ME). Sears List of Subject Headings. Latest edition.

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Paper-BLIS-111 Library Tour

Credit: 02

(i) Library Tours/Virtual Tours of any three Libraries.

(10 Marks each)

(ii) Tour Reports

(20 Marks)

Note: (a) It will be mandatory for all the students to attend Library Tours/Virtual Tours as per the schedule (will be announced during online classes).

(b) Students will be required to maintain a diary of their library tours and shall prepare the report under the guidance of the teacher supervisors. The tour reports will be evaluated by the Committee consisting of all the regular teachers of the Department.

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ELECTIVE PAPERS
PAPER – BLIS-112: SCHOOL LIBRARY SYSTEM

Objectives

- To provide an overview of School Library System.
- To familiarize with the role of school library in Elementary and Secondary Education.
- To familiarize with the sources and services provided by school library.

Learning Outcomes

After studying this paper, student shall be able to:

- Understand the nature and functions of School Library.
- Understand the role of School Library in Elementary and Secondary Education.
- Able to Select, Acquire, Organize and Manage Collection of School Libraries.
- Provide various types of Information Sources and Services in School Library.
- Promote Reading Habits among Children.

Total: 100 Marks

Credit: 04

**Internal Assessment: 20 Marks (Presentation/Assignment-10+Attendance/Assignment-5+
Class test/Assignment - 5)**

Theory: 80 Marks

Time: 3 Hours

Note: The paper is divided into **4** Units. The examinees will be required to attempt *Five* questions in all, including Question 1, which is compulsory and selecting *One* question from each Unit (I – IV). Question 1 will consist of **8** short Answer (2 marks each) questions (having no internal choice) spread over the whole syllabi. The Examiner will set *Two* questions from each Unit.

Unit-I: School Library System: Basic Concept

- Definition, Scope & Objectives.
- Components: Mobile Library, Cluster Library, Classroom Library, Centralized School library, School Community Library

Unit-II: Information Sources and Collection Development

- Information sources for children: Illustrated books, Reference books, Newspapers and magazines, Audio-video collection, Digital resources.
- Collection Development: Selection, Acquisition & Maintenance.

Unit-III: Users and Information Services

- Information Services in School Libraries: User Orientation, Reference Service, Circulation Service, Library hours, Internet-based Services.
- Promotion of Reading Habits Among Children.

Unit-IV: Initiatives for School Libraries

- Guidelines of Educational Boards and National Bodies for School Libraries.
- Role of School Librarian.

Recommended Books

1. AL-MISFE (AM). A combined public/school library system for the educational district of Riyadh. 1989. Saudi Arabia: A model for planning.
2. AMUCHEAZI (ON). The need for community oriented school library services for the effective implementation of the universal Basic Education Programme. *Nigeria School Library Journal*. 4, 182; 2001; 39-44.
3. BROPHY (P). The academic library. 2005. London, Facet Pub.
4. BUDD (J). The changing academic library: Operations, cultures, environments. 2005. Chicago, Association of College and Research Libraries.
5. CANAVOR (N) and KROLL (C). NASSAU School Library System & American Association of School Librarians. 2000. The school library: Where learning meets the future. New York, Nassau School Library System.
6. CHRISTIAN (A R). (2013). Academic library management: Universities, colleges and institutions. 2013. Jaipur, Vista Publishers.
7. COHEN (LB). Library 2.0 initiatives in academic libraries. 2007. Chicago, Association of College and Research Libraries.
8. DANIEL (CI). 2001. The school libraries and the librarians: making a difference in the knowledge age. Being a compendium of papers presented at the 39th National conference and AGM of the NLA held at Owerri, 2001; 109-104.
9. DIKE (VW). The role of the school library in reading promotion. Nigerian School Librarianship: Yesterday, Today and Tomorrow. 1998. D.F Elaturoti. Ed. Ibadan, Nigerian School Library Association.
10. DUTCHESS COUNTY BOCES SCHOOL LIBRARY SYSTEM (N.Y.). School library system notes. 1986. Red Hook, N.Y: The System.
11. ELATUROT (DF). Learning resources and development for Nigerian school libraries. In: Elaturoti, D.F. (Ed). Nigerian school Librarianship: Yesterday, Today and Tomorrow. 1998. Ibadan, Nigerian school library Association.
12. ELGUINDI. Electronic resource management. Practical perspectives in a new technical services model. 2013. Stanton Harcourt, Chandos Publishing Ltd.
13. FAYOSE (PO). School Library Resource centres for Educational Excellence. 1995. Ibadan, AENL publishers.
14. FREEMAN (P). Pathfinder: An operational guide for the school librarian. 1975. New York, Haper& Row Publishers.
15. IFLA/UNESCO. The school libraries and learning for all: IFLA/UNESCO school library manifesto. 2000. IFLANET.
16. IFLA/UNESCO. IFLA/UNESCO school library manifesto: the school library in teaching and learning for all. 2002. Retrieved from <http://www.ifla.org>. 22/06/08
17. Islam, M.A. School libraries in Bangladesh: A state-of-the-art report. *School libraries Worldwide*. 4, 2; 1998; 37-38.
18. LIBRARY AND INFORMATION TECHNOLOGY ASSOCIATION (U.S.). Open source software for libraries: An open source for libraries collaboration. 2002. Chicago: LITA.
19. MORRIS (FO). Schools Library Services 1990-2000. *School Librarian*. 49, 1; 2004; 12-13.
20. PATRICK(R J). *Guidelines for library cooperation: Development of academic library consortia*. 1972. Santa Monica, Calif, System Development Corp.
21. PECK (P). Crash course in children's services. 2006. Westport, Conn: Libraries Unlimited.
22. RADFORD (M L) and SNELSON (P). Academic library research: Perspectives and current trends. 2008. Chicago, Association of College and Research Libraries.
23. THANUSKODI (S). Challenges of academic library management in developing countries. 2013. Hershey PA, Information Science Reference.

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PAPER – BLIS-113: E-RESOURCE MANAGEMENT

Objectives

- To know the Meaning, Definition and Types of Electronic Resources.
- To study Electronic Resources and their life cycles.
- To get awareness about Collection development of e-resources.
- To study the activities involved in Developing Collection and Providing access to electronic resources.

Learning Outcomes

After studying this paper, student shall be able to:

- Have better knowledge to manage electronic resources in libraries.
- Empowered about the Collection Development of e-resources.
- Access to Electronic Resources.

Total: 100 Marks

Credit: 04

Internal Assessment: 20 Marks (Presentation/ Test- 10 + Attendance- 5+ Class test/Assignment- 5)

Theory: 80 Marks

Time: 3 Hours

Note: The paper is divided into **4** Units. The examinees will be required to attempt *Five* questions in all, including Question 1, which is compulsory and selecting *One* question from each Unit (I – IV). Question 1 will consist of **8** short Answer (2 marks each) questions (having no internal choice) spread over the whole syllabi. The Examiner will set *Two* questions from each Unit.

Unit-I: Electronic Resources

- Concept, Need, Characteristics, Benefits and Drawbacks.
- E-Resource Life Cycle.
- Types of e-resources

Unit-II: Collection Development

- Collection Building Process: Formulating policy, Budgeting, Evaluation of e-resources.
- Subscription Models: Licenses and Negotiation.
- Consortia: Concept, Need , Purpose & Limitations; E- shodhsindhu.
- Preservation and Perpetual Access.

Unit-III: Access Management

- Access management of e-resources, Channels.
- Authentication and Authorization.
- Organization & description of resources. Metadata: Basis Concept.
- User training and awareness.

Unit-IV: Usage Statistics and ERMS

- Usage Statistics of E-resources.
- Standards and Guidelines (COUNTER,SUSHI).

- ERMS: Concept, Need & Features.
- Salient features of some ERMS (Exlibris VERDE)

Recommended Books

1. BRYNJOLFSSON (ERIC) and KAHIN (BRIAN), Ed. Understanding the digital economy: data, tools and research. 2002. Massachusetts: MIT Press.
2. COLE (JIM) and others. E-serials Collection Management: Transition, Trends and Technicalities. 2003. London, CRC Press.
3. CONGER (JOAN E). Collaborative electronic resource management: From acquisitions to Assessment. 2004. Westport, Libraries Unlimited.
4. CURTIS (DONNELYN). E-journals: How to do it Manual for Building, Managing and Supporting Electronic. Journal Collection. 2005. London, Facet Publishing.
5. FECKO (MARY BETH). Electronic Resources: Access and Issues. 1997. London: Bowker-Saur.
6. HANSON (ARDIS) and LEVIN (BL). Building a Virtual Library. 2002. Hershey, P.A.: Information Science Publishing.
7. JONES(WAYNE), ed. E-Journal Access and Management. 2009. New York, Routledge.
8. KASDORF (WILLIUM E), *Ed.* The Columbia Guide to Digital Publishing. 2003. New York, Columbia University Press.
9. KATZ (LINDA S). Collection Development Policies: New Dimension for Changing Collections. 2003. London, Routledge Kegan Paul.
10. KATZ (LINDA S). Managing Digital Resources in Libraries. 2005. London: Routledge Kegan Paul.
11. KEMP (REBECCA). E-resource Evaluation and Usage Statistics: Selector's Choices. 2008. Saarbrücken, VDM Verlag.
12. KUMBAR (TS) and KARISIDDAPPA (CR). Electronic Journals. *In: Information Technology Application in Libraries: a text book for beginners*. Edited by M.Mahapatra and D.B.Ramesh. 2004. Bhubaneswar, Reproprint.
13. LEE (STUART D.) and BOYLE (FRANCES). Building an Electronic Resource Collection: A Practical Guide (2nd ed). 2004. London, Facet Publishing.
14. LEE (SUL H). Electronic Resources and Collection Development. 2003. London, Routledge Kegan Paul.
15. MAHAPATRA (M) and RAMESH (DB). Electronics Publishing and media. *In: Information Technology Application in Libraries: a text book for beginners*. Edited by M. Mahapatra and D.B. Ramesh. 2004. Bhubaneswar, Reproprint.
16. MITCHELL (ANNE M) and SURRAT (BRAIN E). Cataloguing and Organizing Digital Resources: A How to do it. Manual for Librarians. 2005. London, Facet Publishing.
17. YU (HOLLY) and BREIVOLD (SCOTT). Electronic Resource Management in Libraries: Research and Practice. 2008. Information Science Reference.

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OPEN ELECTIVE PAPER

(Inter-Disciplinary Paper for the students of other Departments)

LIS-OE-1: INTRODUCTION TO LIBRARY AND ITS SERVICES

Objectives

- To highlight the importance of Libraries in Higher Education.
- To Introduce the students with different types of Libraries and their roles.
- To Introduce the students with various Sections of Libraries.
- To introduce the students with Library Collection.
- To introduce the students with Library Services

Learning Outcomes

After studying this paper, student shall be able to:

- Appreciate the Role of libraries.
- Understand the Functioning of different types of Libraries.
- Use different types of Information Sources for different Needs.
- Know and use different Library Services.

Total: 50 Marks

Credit: 02

Internal Assessment: 10 Marks (Presentation/ Test/Assignment- 10) Time: 2 Hours

Theory: 40 Marks

Unit-I: Introduction to Library

- Library and its Types: Public, Academic, and Special.
- Role of University Library in Higher Education.
- Digital Library.

Unit-II: Different Sections of Library

- Different Sections of a University Library and their Functions: Acquisition, Technical, Maintenance, Reference, Periodicals.
- Library catalogue and Classification Schemes: Brief introduction to CC and DDC.

Unit-III: Library and Information Sources

- Information Sources and their categories. Introduction to Periodicals, Books, Research Reports, Encyclopedias, Dictionaries, Yearbooks, Directories, Bibliographies, Indexing and Abstracting Sources.
- Search Strategy: Manual

Unit-IV: Library and information services

- Library and Information Services: Reference Service- face to face and Digital, OPAC and Database Search, Library Portal, Information Literacy Instruction, etc.
- Introduction to Network based Services.

Recommended Books (Updated List of recommended books/documents will be provided by the concerned Teacher)

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Department of Library & Information Science
Kurukshetra University Kurukshetra
(Established by the State Legislature Act XII of 1956)

Scheme of Examination
for
MASTER OF LIBRARY & INFORMATION SCIENCE
(Under Choice Based Credit System Scheme)
w.e.f. the Session 2020-21 in phased manner

Paper Code	Nomenclature of Papers	Total no. of Credit				Teaching Work Load per week in Hours	IA Theory	Max. Marks Theory	IA Practical	Max. Marks Practical	Total Marks	Duration of Theory Exam	Duration of Practical Exam
		L	T	P	Total								
MLIS-101	Information Analysis, Consolidation and Repackaging (Theory and Practice)	2	1	1	4	5	10	50	10	30	100	2½ Hours	2 Hours
MLIS-102	Information Systems Management	3	1	0	4	4	20	80	--	--	100	3 Hours	--
MLIS-103	Advanced ICT Applications in LIS (Theory & Practice) – I	2	0	2	4	6	10	40	10	40	100	2½ Hours	2 hours
MLIS-104	Online Literature Survey	0	1	1	2	3	--	--	--	--	50	--	--
MLIS-105	Library Classification Practice: UDC	1	0	1	2	3	--	--	10	40	50	--	2 Hours
	ELECTIVE PAPERS												
MLIS-106	University & College Library System	3	1	0	4	4	20	80	--	--	100	3 Hours	--
MLIS-107	Public Library System	3	1	0	4	4	20	80	--	--	100	3 Hours	--
MLIS-108	Research & Technical Library System	3	1	0	4	4	20	80	--	--	100	3 Hours	--
	Open Elective Paper (Inter-Disciplinary Paper for the students of other Departments)												
LIS-OE-2	Introduction to Literature in Arts and Languages	2	0	0	2	2	10	40	--	--	50	2 Hours	--

Semester-II

Paper Code	Nomenclature of Papers	Total no. of Credit				Teaching Work Load per week in Hours	IA Theory	Max. Marks Theory	IA Practical	Max. Marks Practical	Total Marks	Duration of Theory Exam	Duration of Practical Exam
		L	T	P	Total								
MLIS-109	Research Methods and Statistical Techniques	3	1	0	4	4	20	80	--	--	100	3 Hours	--
MLIS-110	Advanced ICT Applications in LIS (Theory & Practice) – II	2	0	2	4	6	10	40	10	40	100	2½ Hours	2 Hours
MLIS-111	Information Retrieval (Theory and Practice)	2	1	1	4	5	10	50	10	30	100	2½ Hours	2 Hours
MLIS-112	Project Report	0	1	3	4	7	--	--	--	--	100	--	--
	ELECTIVE PAPERS												
MLIS-113	Social Science Information System	3	1	0	4	4	20	80	--	--	100	3 Hours	--
MLIS-114	Business Information System	2	1	1	4	5	10	50	10	30	100	2½ Hours	2 Hours
MLIS-115	Health Science Information System	2	1	1	4	5	10	50	10	30	100	2½ Hours	2 Hours

Note: Assignments, case studies, seminars, discussions and round tables, all shall be covered under tutorials.

Conversion of Marks obtained in each paper / semester to Letter Grade and Grade Points shall be as following:

Letter Grade	Grade Point	Marks
O (Outstanding)	10	85-100
A+ (Excellent)	9	75-84
A (Very Good)	8	65-74
B+ (Good)	7	55-64
B (Above Average)	6	50-54
C (Average)	5	41-49

P (Pass)	4	40
F (Fail)	0	Less than 40
Ab	0	Absent

MASTER OF LIBRARY & INFORMATION SCIENCE
(Under Choice Based Credit System Scheme)

Paper: MLIS-101: Information Analysis, Consolidation and Repackaging (Theory and Practice)

Objectives:

- To orient students on how to critically analyze, evaluate and repackaging of information and to get awareness about presentation of information.
- To train the students with practical skills in preparing information consolidation products.
- To familiarize with Information Analysis and Consolidation Centre and the Marketing of Information Products and Services.

Learning Outcomes

After studying this paper, student shall be able to:

- Understand overall learning about Information Analysis, Consolidation and Repackaging (IACR).
- Develop practical skill in preparation of Information Consolidation Products and services.
- Familiarize with Information Analysis and Consolidation Centre (IAC) and Marketing of Information Products & Services.

Part – I: Theory

Total: 60 Marks

Credit: 03

Internal Assessment: 10 Marks (Attendance/Assignment – 5 (Includes attendance of practical classes also) + Class Test/ Assignment – 5).

Theory: 50 Marks

Time: 2½ Hours

Note: The paper is divided into 3 Units. The examinees will be required to attempt *Four* questions in all, including Question 1, which is compulsory and selecting *One* question from each Unit (I – III). Question 1 will consist of 7 short Answer (2 marks each) questions (having no internal choice) spread over the whole syllabi. The Examiner will set *Two* questions from each Unit.

UNIT – I: Information Analysis, Consolidation and Repackaging (IACR).

- Information Analysis, Consolidation and Repackaging: Need, Purpose and Advantages.
- IACR Processes: Pre-requisites and Steps.
- Packaging and Repackaging of Information.
- Modes of Presentation: Textual and Non-Textual Presentation.
- Technical Writing: Characteristics, pre-requisites and guiding principles.

UNIT – II: Processing Methods of IACR Products and Services.

- IACR Products: Types and Steps for preparation.
- Role of various specialists in design and development of IACR Products.
- Methodology for the preparation of: State-of-the-art Reports, Trend Reports, House Journals, Newsletters, Technical Digest, Types and Guidelines in preparing Abstract and Directory.

UNIT – III: Organization and Management of Information Analysis and Consolidation Centers (IAC).

- Information Analysis and Consolidation Center (IAC): Need, Characteristics and Functions.
- Organization and management of IAC Centre.
- Marketing: Definitions, scope, importance and process.
- Marketing of Information Products and Services.

Part – II: Practice

Section-A

Total: 40 Marks

Credit: 01

Internal Assessment: 10 Marks (Presentation/ Class Test – 5 + Class test/Assignment – 5 Marks)

Syllabus:

Preparation of Indicative and Informative Abstract, Directory and Book Review.

Section-B

Practical Examination: 30 Marks

Time: 2 Hours

Note: There will be **two** questions from the following for each examinee:

1. The examinees will be required to prepare Abstracts of Research Articles given by the Examiner.
2. The examinees will be required to prepare Directory of Educational Institutions (10 Entries).
3. The examinees will be required to prepare a Book Review on Specified Subject.

Recommended Books

1. Atherton, Pauline. (1977). Handbook for Information Systems and Services. Paris: UNESCO.
2. Basu, B. N. (2007). Technical writing. New Delhi: Prentice Hall of India.
3. Chatterjee, Amitabha (2013). Elements of Information Analysis, Consolidation and Repackaging (IACR). Kolkata: Prova Prakashani.
4. Chopra, H.S. (1996). Information Marketing. Jaipur: Rawat Publications.
5. Cooper, B. M. (1986). Writing Technical Reports. New York: Penguin.
6. Kotler, P. and Armstrong, G. Principles of Marketing, Ed.10, New Jersey.
7. Kumar, P.S.G. (2003). Information Analysis, Repackaging consolidation & Information retrieval

(Paper X and XI of UGC Model Curriculum). Delhi: B.R. Pub.

8. Rowley, J.E (1982). Abstracting and Indexing. London: Clive Bingley.
9. Rowley, J E (1996). The Basics of Information Systems. London: Facet Publishing.
10. Saracevic, T. and Wood, J. S. (1981). Consolidation of Information: A Handbook of Evaluation, Restructuring and Repackaging of Scientific and Technical Information. Paris: Unesco.
11. Seetharama, S. (1997). Information Consolidation and Repackaging: Framework, Methodology, Planning. New Delhi: Ess Ess Pub.
12. Seetharama, S. Modes of Presentation of Information in Information Consolidation Products. *Library Science with a Slant to Document*, 22; 1985; Paper E.
13. Sewa Singh. (2014). Information Analysis, Consolidation and Repackaging. New Delhi: Atlantic.

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PAPER – MLIS-102: INFORMATION SYSTEMS MANAGEMENT

Objectives

- To develop an understanding of modern Principles of Management.
- To familiarise with the process of Planning and Various Types of Plans.
- To develop an understanding of various Organisational Positions and Techniques of Managing Human Resources.

Learning Outcomes

After studying this paper, student shall be able to:

- Understand the principles and procedures of management applicable to LIS.
- Assess the Human Resource Requirements and related issues in libraries.

Total: 100 Marks

Time: 3 Hours

Internal assessment=20 Marks (Presentation/Test–10 + Class Test/Assignment–5 + Attendance/Assignment – 5)

Theory: 80 Marks

Credit: 04

Note: The paper is divided into 4 Units. The examinees will be required to attempt *Five* questions in all, including Question 1, which is compulsory and selecting *One* question from each Unit (I – IV). Question 1 will consist of 8 short Answer (2 marks each) questions (having no internal choice) spread over the whole syllabi. The Examiner will set *Two* questions from each Unit.

Unit-I: Management Perspectives

- Concept, Definition and Scope.
- Principles of Scientific Management.
- Management Schools of Thought: Classical School, Human Behaviour and Human Relation

Unit-II: Human Resource Management-I

- Meaning, Functions and Objectives of HRM.
- Job Description, Job Analysis and Job Evaluation.
- Recruitment and Selection Procedure.
- Training and Development.

Unit-III: Human Resource Management-II

- Motivation: Meaning, Definition and Types.
- Motivational Theories: Maslow's Need Hierarchy. Herzberg's Two Factor Theory. McGregor's Theory X and Y.
- Performance Appraisal: Objectives, Problems in Rating, Methods of Performance Appraisal.

Unit-IV: Library Planning and Total Quality Management (TQM)

- Library Planning: Types of Plans, Factors and Techniques of Library Planning.
- MBO: Definition Process and Advantages.
- TQM: Definition, Principles and Benefits.
- Quality Standards: ISO 9000 Series.

Recommended Books

1. EVANS (G E). Management techniques for libraries. Ed.2. 1983. Academic Press, New York.
2. STEUART (Robert) and EASTLICK (John T). Library management Ed. 2. 1991. Libraries Unlimited, Colorado.
3. BROPHY (Peter) and COULLING (Kate). Quality management for information and library managers. 1996. Aslib Gover, Hampshire.
4. JONES (Noragh) and JORDAN (Peter). Case studies in library management. 1988. Clive Bingley, London.

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PAPER– MLIS-103: ADVANCED ICT APPLICATIONS IN LIS (THEORY AND PRACTICE)–I

OBJECTIVES:

- To familiarise students with major Applications of ICT in Libraries and Information Centers and issues affecting their implementation.
- To familiarise with the Internet and Databases concepts.
- To enable student to use various MS Excel Application;
- To enable student to understand the elements of Web Designing.

Learning Outcomes

After studying this paper, student shall be able to:

- Understand the various concepts and application areas of automation and Internet applicable to LIS.
- Use MS Excel effectively and design Web Sites.

Part I: Theory

Total: 100 Marks

Credit: 02

Internal Assessment: 10 Marks (Presentation/ Class Test – 5 + Attendance/Assignment – 5 (Includes attendance of Practical Classes also))

Theory: 40 Marks

Time: 2½ Hours

Note: The paper is divided into 3 Units. The examinees will be required to attempt *Four* questions in all, including Question 1, which is compulsory and selecting *One* question from each Unit (I – III). Question 1 will consist of 5 short Answer (2 marks each) questions (having no internal choice) spread over the whole syllabi. The Examiner will set *Two* questions from each Unit.

Unit-I: Library Automation

- **Library Automation:** Concept, Need and Purpose.
- **Use of computers for In-house Operations:** Acquisition, Cataloguing, Circulation, Serials Control, OPAC and Information Storage and Retrieval.
- **Retrospective Conversion:** Concept, Issues, Solutions and Techniques.

Unit-II: INTERNET Basic Feature and Tools

- Genesis and Utility.
- **Web Browsers:** Chrome, Firefox, Edge.
- **World Wide Web (WWW):** Origin and Development.
- World Wide Web and E-Resources
 - Subject Directories
 - Online Journals
 - Online Books
 - Electronic Theses and Dissertation
 - Open Access Resources
- Search Engines.
- Invisible Web: Brief Concept and Tools

Unit-III: Database Types and other Concepts

- Bibliographic, Full Text and Multimedia Databases.
- Federated Search and Multimedia Database Search.
- Blog and Social Media: Concept and Application in libraries.

Part II: Practice

Total: 50 Marks

Credit: 2

Internal Assessment: 10 Marks (Presentation/ Class Test – 5 + Class Test/Assignment – 5 Marks)

Practical Examination: 40 Marks

Time: 2 Hours

MS OFFICE

- **MS EXCEL:** Toolbars, Formatting Formulas, Database Management, Charts and Additional Functions.

Web Designing with WordPress or Dream Weaver

- **Web Design:** Methods and Steps.
- Introduction to WordPress/ Dream Weaver.
- Designing and Creation of Web Sites.

Recommended Books

1. Adobe. Dreamweaver tutorials. <https://www.adobe.com/in/search.html?q=dreamweaver%20tutorials&sort=relevancy&start=1>
2. ALEXANDER (Michael) and KUSLEIKA (Richard). Excel 2016 Formulas. Wiley Publishing, Inc. NJ, 2016. <http://file.allitebooks.com/20160903/Excel%202016%20Formulas.pdf>
WALKENBACH (John), ALEXANDER (Michael) and KUSLEIKA (Richard). Excel 2019 Bible. Wiley Publishing, Inc. NJ, 2019. <http://file.allitebooks.com/20181005/Excel%202019%20Bible.pdf>
3. ASSIST (Sista). WordPress Basics: A step by step guide for beginners. <http://file.allitebooks.com/20151115/WordPress%20Basics.pdf>
4. CROWDER (David). Building a Web Site for Dummies. 3rd Ed. Wiley Publishing, Inc., Wiley Publishing, Inc. 2007. <http://file.allitebooks.com/20150627/Building%20a%20Web%20Site%20For%20Dummies.pdf>
5. BROWN (Christopher) & Bell (Suzanne). Librarian's guide to online searching: cultivating database skills for research and instruction. 5th ed. 2018. Libraries Unlimited, London.
6. CLAYTON (Marlene). Managing library automation. 2nd ed. 2018. Routledge, London.
7. HARVEY (Greg). Excel 2019 For Dummies. Wiley Publishing, Inc. NJ, 2018.
8. JENKINS (Sue), DAVIS (Michele E.) and PHILLIPS (Jon A). Dreamweaver 8 All-in-One Desk Reference for Dummies. Wiley Publishing, Inc. NJ, 2006. <https://the-eye.eu/public/Books/For%20Dummies/Dreamweaver%208%20All-in-One%20Desk%20Reference%20for%20Dummies%20%28ISBN%20-%2000471781428%29.pdf>
9. LANCASTER (F W) and SANDORE (Beth). Technology and management in library and information services. 1997. Library Association, London.
10. LYNCH (P. J.) and HORTON (S.). Web style guide: basic design principles for creating web sites. Ed.3. London: Yale University Press, 2009.
11. MARKEY (Karen). Online searching: A guide to finding quality information efficiently and effectively. 2nd ed. 2019. Rowman& Littlefield Publishers, Maryland.
12. MARMEL (Elaine). Office 2016 Simplified. Hoboken. 2015. John Wiley & Sons, New Jersey.
13. PLUMLEY (George). WordPress 24-Hour Trainer, 3rd Ed. John Wiley & Sons, Inc. NJ, 2016. <https://www.allitebooks.in/wordpress-24-hour-trainer-3rd-edition/>

14. SABIN-WILSON (Lisa). WordPress All-in-One for Dummies, 3rd Ed. John Wiley & Sons, Inc. NJ, 2017. <http://file.allitebooks.com/20181013/WordPress%20All-in-One%20For%20Dummies,%203rd%20Edition.pdf>
15. SABIN-WILSON (Lisa). WordPress for Dummies, 8th Ed. John Wiley & Sons, Inc. NJ, 2017. <http://file.allitebooks.com/20170927/WordPress%20For%20Dummies,%208th%20Edition.pdf>
16. SABIN-WILSON (Lisa). WordPress Web Design for Dummies, 3rd Ed. John Wiley & Sons, Inc. NJ, 2016. <http://file.allitebooks.com/20180213/WordPress%20Web%20Design%20For%20Dummies,%203rd%20Edition.pdf>
17. WARNER (Janine). Dreamweaver 8 For Dummies. Wiley Publishing, Inc. NJ, 2006. <https://the-eye.eu/public/Books/For%20Dummies/Dreamweaver%208%20for%20Dummies%20%28ISBN%20-200764596497%29.pdf>
18. WILSON (Kevin). Fundamentals of Excel 2016, 2nd Ed. Elluminet Press. 2018.
SLAGER (David). Essential Excel 2016: A Step-by-Step Guide. 2016. <http://file.allitebooks.com/20161205/Essential%20Excel%202016.pdf>

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PAPER– MLIS-104: LITERATURE SURVEY

Credit: 2

Max. Marks: 50

For literature survey, every student shall be assigned to a teacher in the Department.

Every student shall conduct online literature survey on an assigned topic of contemporary relevance. The teacher supervisor shall evaluate the survey report and submit in the Department.

PAPER – MLIS-105: LIBRARY CLASSIFICATION PRACTICE: UNIVERSAL DECIMAL CLASSIFICATION

OBJECTIVES:

- To acquaint with various provisions of Universal Decimal Classification scheme.
- To develop the ability to classify simple, compound and complex subjects using UDC.

Learning Outcomes

After studying this paper, student shall be able to:

- The students will be able to classify simple, compound and complex subjects using UDC.

Total: 50 Marks

Credit: 02

Internal assessment: 10 Marks (Attendance/Assignment – 05 Marks + Class Test/Assignment – 05 Marks)

Practical Examination: 40 Marks

Time: 2 Hours

Note: The question paper will be divided into Two Sections: Section – A and B. Distribution of Marks and scheme of examination will be as follows:

Section - A

- *Six* Titles will be given in this Section and the examinees will be required to attempt all the Titles.
- Each Title will carry 4 Marks.

Section - B

- *Three* Titles will be given in this Section and the examinees will be required to attempt *Two* Title.
- Each Title will carry 8 Marks.

Syllabus: Classification of Complex Titles of Monographs and Articles by Universal Decimal Classification.

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ELECTIVE PAPERS

PAPER – MLIS-106: UNIVERSITY & COLLEGE LIBRARY SYSTEM

OBJECTIVES:

- To familiarise with the development of University & College Library System.
- To develop an understanding of collection & services of University & College libraries.
- To familiarize with different aspects of management practices followed in University & College libraries.

Learning Outcomes

After studying this paper, student shall be able to:

- Understand the growth and development of University & College libraries.
- Assess the role of UGC for University & College libraries.
- Assess the role of academic libraries in higher education and distance education.
- Know the different types of collection and procedure of its management.
- Know different information Services provided in University & College Libraries.

Total: 100 Marks

Credit: 04

Internal assessment: 20 Marks (Presentation/Assignment/Class Test–10+Class Test/Assignment–5+ Attendance/Assignment – 5)

Theory: 80 Marks

Time: 3 Hours

Note: The paper is divided into 4 Units. The examinees will be required to attempt *Five* questions in all, including Question 1, which is compulsory and selecting *One* question from each Unit (I – IV). Question 1 will consist of 8 short Answer (2 marks each) questions (having no internal choice) spread over the whole syllabi. The Examiner will set *Two* questions from each Unit.

Unit-I: Academic Libraries and their Development

- Recommendations of NKC.
- Role of UGC and distance education.

Unit-II: Collection Development and Management

- Periodicals, Conference Literature, Grey Literature and Government Publications.
- Electronic Resources.

Unit-III: Library Organization and Administration

- Organization structure
- Competency Development of library staff.
- Staff Manual.
- Determination of Finance & Budget.

Unit-IV: Information Services

- CAS, SDI, Abstracting and Indexing Services.
- Library Bulletin, Newspaper Clipping Services.
- Resource Sharing.

Recommended Books

1. BAKER (David), Ed. Resource management in academic libraries.1997. Library Associations, London.
2. BROPHY (Peter). The academic library. 2000. Library Association, London.
3. BUDD (J M). The academic library: the context, its purpose and its operation. 1988. Libraries Unlimited, London.
4. CHAPMAN (Liz). Managing acquisitions in library and information services 2001. Library Association, London.
5. DOWLER (L) Ed. Gateways to knowledge: the role of academic libraries in teaching, learning and research.1998. The MIT Press, London.
6. JORDON (Peter). The academic library and its users.1998. Gower Publishing Limited, London.
7. LINE (Maurice B), Ed. Academic library management. 1990. Library Association, London.
8. RANGANATHAN (S R). School and college libraries. 1942. Madras Library Association, Madras.
9. WEBB (Sylvia P). Personal development in information work. Ed 2. 1991. Aslib, London.
10. WHITE (Carl M). Survey of university of Delhi. 1965. Planning Unit, University of Delhi, Delhi.

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PAPER-MLIS-107: PUBLIC LIBRARY SYSTEM

OBJECTIVES:

- To familiarise with the development of Public Library System.
- To develop an understanding of collection & services of Public Library.
- To familiarize with different aspects of management practices followed in Public Libraries.

Learning Outcomes

After studying this paper, student shall be able to:

- Understand the importance and development of public libraries.
- Know the different type of collection and procedure of its management.
- Know the different management practices used in public libraries.
- Know different Services provided in public Libraries.

Total: 100 Marks

Credit: 04

Internal assessment: 20 Marks (Presentation/ Assignment/Class Test – 10 + Class Test/Assignment – 5 + Attendance/Assignment – 5)

Theory: 80 Marks

Time: 3 Hours

Note: The paper is divided into 4 Units. The examinees will be required to attempt *Five* questions in all, including Question 1, which is compulsory and selecting *One* question from each Unit (I – IV). Question 1 will consist of 8 short Answer (2 marks each) questions (having no internal choice) spread over the whole syllabi. The Examiner will set *Two* questions from each Unit.

Unit-I: Public Libraries and their Development

- History and Development of Libraries with Special Reference to India.
- Role of Public Libraries in Society; Public Libraries as Community Information Centres.
- Agencies and their Role in Promotion and Development of Public Libraries in India.

Unit-II: Collection Development and Management

- Periodicals, Conference Literature, Grey Literature and Government Publications.
- Non-Book Materials.
- Electronic Sources and Online Databases.

Unit-III: Library Organization and Administration

- Organizational Structure. Human Resources- Nature, Size, Selection, Recruitment, Qualification and Training, Responsibilities and Duties, Competency Development.
- Staff Manual, Library Surveys, Statistics and Standards, etc.
- Determination of Finance, Sources of Finance, Types of Budget.

Unit-IV: Information Services

- Public Libraries Extension Services, Abstracting and Indexing Services.
- Library Bulletin, Newspaper Clipping Services.
- Computerized Services.
- Resource Sharing and Networking.

Recommended Books

1. BARUA (B P). National policy on library and information systems and services for India: perspectives and projections. 1992. Popular, Bombay.
2. BATT (Chris). Information technology in public libraries. 1998. London Library Association Publishing, London.
3. BHATT (R K). Unesco: development of libraries and documentation centres in developing countries. 2004. K K Publications, New Delhi.
4. HIGGINS (S E). Youth services and public libraries. 2007. Chandos Publishing, Oxford.
5. IFLA. IFLA guidelines for public libraries (revised). 2000. The Hague, IFLA.
6. INDIA. Advising committee for libraries. Ed. 2. 1958. Manager of Publications, Delhi.
7. JAGANAYAK (S S). Role of libraries in socio-economic, cultural, and educational development. 1997. Classical Publication, New Delhi.
8. PATEL (Jashu) and KRISHAN KUMAR. Libraries and librarianship in India. 2001. Greenwood Press, Westport, Connecticut.
9. THOMAS (V K). Public libraries in India: development and finance. 1997. Vikas. Publication, New Delhi.
10. WOODRUM (Pat), Ed. Managing public libraries in 21st century. 1989. The Hawork Press, New York.

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PAPER-MLIS-108: RESEARCH & TECHNICAL LIBRARY SYSTEM

OBJECTIVES:

- To familiarize with the development of Research & Technical Library System.
- To develop an understanding of collection & services of Research & Technical Library.
- To familiarize with different aspects of management practices followed in Research & Technical libraries.

Learning Outcomes

After studying this paper, student shall be able to:

- Understand the importance and development of Research & Technical libraries.
- Know the different type of collection and procedure of its management.
- Know the different management practices used in Research & Technical Libraries.
- Know different Services provided in Research & Technical Libraries.

Total: 100 Marks

Credit: 04

Internal assessment: 20 Marks (Presentation/Assignment/Class Test – 10 + Class test/Assignment – 5 + Attendance/Assignment – 5)

Theory: 80 Marks

Time: 3 Hours

Note: The paper is divided into 4 Units. The examinees will be required to attempt *Five* questions in all, including Question 1, which is compulsory and selecting *One* question from each Unit (I – IV). Question 1 will consist of 8 short Answer (2 marks each) questions (having no internal choice) spread over the whole syllabi. The Examiner will set *Two* questions from each Unit.

Unit-I: Research and Technical Libraries and their Development

- History and Development of Libraries with Special Reference to India.
- Role of Special Libraries and its Relationship with Parent Organization.
- Types and Functions of Special Libraries.
- Agencies and their Role in the Promotion and Development of Research and Technical Libraries.

Unit-II: Collection Development and Management

- Periodicals, Conference Literature, Grey Literature, Patents, Standards, Specifications and Government Publications.
- Non-Book Materials.
- Electronic Resources and Online Databases.

Unit-III: Library Organization and Administration

- Organizational Structure. Human Resources- Nature, Size, Selection, Recruitment, Qualification and Training, Responsibilities and Duties, Competency Development.
- Staff Manual, Library Surveys, Statistics and Standards, etc.
- Determination of Finance, Sources of Finance. Types of Budget.

Unit-IV: Planning and Organization of Various Information Services

- CAS, SDI, Abstracting and Indexing Services.
- Library Bulletin, Newspaper Clipping Services.
- Computerized Services.
- Resource Sharing and Networks: RLIN, OCLC, etc.

Recommended Books

1. AUGER (C P). Information sources in grey literature. Ed. 3. 1994. Bowker, London.
2. CHAPMAN (Liz). Managing acquisitions in library and information services. 2001. Library Associations, London.
3. GROGAN (N). Science and technology: an introduction to the literature. Ed. 4. 1982. Clive Bingley, London.
4. HERNON (Peter) and WHITMAN (John R). Delivering satisfaction and service quality: a customer-based approach for libraries. 2001. American Library Association, Chicago.
5. LAWES (Ann), Ed. Management skills for the information manager. 1993. Gower Publishing, London.
6. RAITT (David), Ed. Libraries for the new millennium. 1997. Library Association, London.
7. SAHA (J). Special libraries and information services in India and the USA. 1969. Scarecrow, New York.
8. SCAMMELL (A W), Ed. Handbook of special librarianship and information work. Rev. Ed. 7. 1997. Aslib, London.
9. SINGH (S P). Special libraries in the electronic environment. 2005. Bookwell, New Delhi.
10. STRAUSS (L J). Scientific and technical libraries: their organization and administration. Ed. 2. 1972. Beckey and Hayes, New York.

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PAPER – MLIS-109: RESEARCH METHODS AND STATISTICAL TECHNIQUES

Objectives:

- To introduce students to the concept of the Research.
- To provide an insight into the Research Methods in Library and Information Science.
- To provide an overall understanding of Statistical Techniques in Research Operations.

Learning Outcomes

After studying this paper, student shall be able to:

- Understand the various concepts related to research.
- Know the different methods & techniques of conducting research.
- Know the different statistical techniques of data analysis & presentation.

Total: 100 Marks

Credit: 04

Internal assessment: 20 Marks (Presentation/Assignment/Class Test – 10 + Class test/Assignment – 5 + Attendance/Assignment – 5)

Theory: 80 Marks

Time: 3 Hours

Note: The paper is divided into 4 Units. The examinees will be required to attempt *Five* questions in all, including Question 1, which is compulsory and selecting *One* question from each Unit (I – IV). Question 1 will consist of 8 short Answer (2 marks each) questions (having no internal choice) spread over the whole syllabi. The Examiner will set *Two* questions from each Unit.

Unit-I: Research

- Meaning, Need and Process of Research.
- Types of Research – Fundamental and Applied.
- Hypothesis: Definitions, Functions and Types
- Designing Research Proposal.
- Literature Search – Print, Non-Print and Electronic Sources.
- Research Reporting: Types, Structure and Contents.
- Ethical aspects of research.

Unit-II: Research Methods

- Spiral of Scientific Method. (S. R. Ranganathan).
- Historical Method.
- Experimental Method.
- Descriptive Method.
- Survey Method and Case Study Method.
- Bibliometrics: Concept and Definition, Bibliometrics Laws: Bradford, Zipf. Lotka, Bibliographic Coupling and Citation Analysis, Webometrics, Impact factors

Unit-III: Research Techniques and Tools

- Questionnaire
- Interview
- Observation
- Sampling Techniques

Unit-IV: Descriptive Analysis and Interpretation

- Descriptive Statistics – Measures of Central Tendency – Mean, Mode, Median.
- Chi – Square test.
- Introduction to SPSS statistical software.
- Tabulation.
- Graphical presentation of data: Bar, Pie, Line graphs, Histograms
- Sociometry.

Recommended Books

1. CHARLES (H) and others. Research Methods in librarianship: Techniques and Interpretations. 1980.
2. KRISHAN KUMAR. Research Methods in Library and Information Science, New Delhi, Vikas Publishing House. 1992.
3. POWELL (Ronald R). Basic Research Methods for Librarians. 1985.
4. RAVI CHANDRA RAO (I K). Quantitative methods in Library and Information Science. New Delhi. Wiley Eastern Limited, 1983.
5. SARAVANAVEL (P). Research and Report Writing. 1993.

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PAPER – MLIS-110: ADVANCED ICT APPLICATIONS IN LIS (THEORY AND PRACTICE) – II

Objectives

- To familiarise students with major Applications of ICT in Libraries and Information Centers and issues affecting their implementation.
- To enable students to understand the features and use of Library Application Software.
- To familiarise with the Digital Libraries and Digitisation and emerging technologies.
- To enable students to implement KOHA software and create Digital libraries.

Learning Outcomes

After studying this paper, student shall be able to:

- Understand the advanced concepts of digital library and current technologies.
- Use and implement KOHA software for Library application.
- Create digital libraries using an open source digital library software.

Part I: Theory

Total: 50 Marks

Credit: 02

Internal Assessment: 10 Marks (Presentation/Class Test – 5 + Attendance/Assignment – 5 (Includes attendance of practical classes also))

Theory: 40 Marks

Time: 2½ Hours

Note: The paper is divided into 3 Units. The examinees will be required to attempt *Four* questions in all, including Question 1, which is compulsory and selecting *One* question from each Unit (I – III). Question 1 will consist of 5 short Answer (2 marks each) questions (having no internal choice) spread over the whole syllabi. The Examiner will set *Two* questions from each Unit.

Unit-I: Library Application Software Packages

- Basics of Library Automation Software.
- Selection Criteria for Library Automation Software.
- Salient features of SOUL, LIBSYS, Open Source Software: KOHA.

Unit-II: Digital Libraries

- **Digital Libraries:** Genesis, Definition, Objectives and Scope
- **Digitisation:** Concept, Need, Problems and Significance
- Process of Digitization.
- Files and Formats of Documents, Images, Video, Audio, etc.

Unit-III: Emerging/ latest Technologies

- Audio Conferencing and Video Conferencing: Their Set Up and essentials (Google Meet, Webex etc.)
- Virtual Reality
- **Artificial Intelligence (AI):** Concept and Use in Libraries.
- **Expert Systems:** Concept and Use in Libraries.
- **Robotics:** Its application in Libraries and Information Centers.

Part II: Practice

Total: 50 Marks

Credit: 02

Internal Assessment: 10 Marks (Presentation/ Class Test – 5 + Class Test/Assignment – 5 Marks)

Practical Examination: 40 Marks

Time: 2 Hours

The candidates will be required to record the steps of database creation on the assigned area and steps in Digital Library creation.

Library Automation Software

Unit-I: Open Source Library Application Software: KOHA

- Overview of KOHA.
- Installation and Configuration of KOHA.
- Acquisition and Cataloguing.
- Members Management and Circulation.
- Reports and Backups.

Unit-II: Digital Library Software

- Installation, Configuration and working in Greenstone or DSpace.

Recommended Books

1. BAKER, D., &EVANS, W (2009). Digital Library Economics and Academic Perspective. Oxford: Chandos Pub.
2. BROWN, A. (2013). Practical digital preservation: A how-to guide for organizations of anysize. London: Facet Pub.
3. CALHOUN, K. (2014). Exploring digital libraries: Foundations, practice, prospects. Available at <http://www.facetpublishing.co.uk/downloads/file/calhoun-ch1.pdf/>
4. CANDELA (L), et al. The digital library manifesto. Available at https://www.coar-repositories.org/files/booklet/21x21_manifesto_web.pdf/
5. DEEGAN, M., & Tanner, S. (2006). Digital preservation. London: Facet.
6. Digital Libraries and Multimedia. Boston: Kluwer, Academic Publishers. 2000.
7. Digital Libraries and use. Cambridge: MIT Press, 2003.
8. Digital Libraries from technology to culture. New Delhi: Kanishka Publications. 2006.
9. Digital Libraries: Policy, planning and practice. Hants: Ashgate. 2004.
10. DOBREVA, M., O'DWYER, A., &FELICIATI, P. (2012). User studies for digital library development. London: Facet.
11. DSpace Manual, Release 1.6.2. http://www.dspace.org/1_6_2Documentation/DSpace-Manual.pdf/
12. [DSpace Release 1.6.2 Notes.](#)
13. GOPAL KRISHNAN. Digital Libraries in electronic information era. Delhi: Authors press. 2001.
14. GORMAN, G. E., &Shep, S. J (2006). Preservation Management for Libraries, Archives and Museums. London: Facet Pub.
15. Greenstein, D. (n.d.). Digital Libraries and Their Challenges. Graduate School of Library and Information Science. University of Illinois at Urbana-Champaign. Available at https://www.ideals.illinois.edu/bitstream/handle/2142/8339/librarytrendsv49i2f_opt.pdf?sequence=1
16. Greenstone Home page. <http://www.greenstone.org/greenstone3-home>
17. Greenstone Manual. <http://www.greenstone.org/manuals/gsd12/>

18. <http://koha.org/>
19. [https://wiki.duraspace.org/display/DSPACE/DSpace+Release +1.6.2+Notes](https://wiki.duraspace.org/display/DSPACE/DSpace+Release+1.6.2+Notes)
20. HUGHES (Loma M). Digitizing collection: strategic issues for the information manager. 2004.
21. HUGHES. L. M (2012). Evaluating and Measuring the value, use and impact of Digital Collections. London: Facet Pub. IFLA/UNESCO Manifesto for Digital Libraries. Available at <http://www.ifla.org/files/assets/digital-libraries/documents/ifla-unesco-digital-libraries-manifesto.pdf/>
22. JEEVAN (V K J). Digital Libraries. 2003.
23. KOHA Documentation. <http://www.kohadocs.org/>
24. KOHA on Windows. <http://cid-6ac4b4f2fe0a3144.office.live.com/self.aspx/Public/Koha%20on%20Windows.pdf>
25. KOHA on Windows. http://www.koha.rwjr.com/Koha_on_Windows.html/
26. MISHRA (Vinod Kumar). Basics of library automation, Koha library management software and data migration: Challenges with case studies. 2016. EssEss Publications, New Delhi.
27. WITTEN (Ian H), BODDIE (Stefan) and THOMPSON(John): Greenstone digital library user's guide (2006). New Zealand Digital Library Project, New Zealand.

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PAPER – MLIS-111: INFORMATION RETRIEVAL (THEORY & PRACTICE)

OBJECTIVES

- To introduce the Concept and Principles of Indexing;
- To acquaint with the Role and Types of Indexing Languages; and
- To familiarize with the Advanced Information Processing and Retrieval Techniques.

Learning Outcomes

After studying this paper, student shall be able to:

- Understand the concepts of Subject Cataloguing and Indexing.
- Understand the concept of Information Retrieval Systems.
- Understand different indexing languages and tools of vocabulary control.
- Prepare Thesaurus and assign/derive Subject Headings.
- Acquaint with automatic indexing.
- Perform evaluation of IR systems.

Part – I: Theory

Total: 60 Marks

Credit: 03

Internal assessment: 10 Marks (Attendance/Assignment – 5 (Includes attendance of practical Classes also) + Class Test/Assignment – 5)

Theory: 50 Marks

Time: 2½ Hours

Note: The paper is divided into 3 Units. The examinees will be required to attempt *Four* questions in all, including Question 1, which is compulsory and selecting *One* question from each Unit (I – III). Question 1 will consist of 7 short Answer (2 marks each) questions (having no internal choice) spread over the whole syllabi. The Examiner will set *Two* questions from each Unit.

Unit-I: Cataloguing and Subject Indexing: Principles and Practices

- Principles of Subject Cataloguing.
- Library of Congress Subject Headings (LCSH),
- Sears List of Subject Headings (SLSH)
- Pre coordinate indexing: Chain indexing, PRECIS, POPSI
- Post Co-ordinate indexing: UNITERM.

Unit-II: Indexing Languages and Vocabulary Control

- Indexing Languages: Types and Characteristics.
- Vocabulary Control: Concept, Meaning and Tools.
- IR thesauri: Structure and Construction.
- Concept of Keyword indexing and Automatic Indexing.

Unit-III: Information Retrieval

- Search strategies: Manual/ Machine, Feedback and Refining.
- Evaluation of IR Systems.
- IR Models.

Part – II: Practice

Total: 40 Marks

Internal Assessment: 10 marks (Assignments)

Time: 2 Hours

Practical Examination: 30 Marks

Credit: 01

The Distribution of Marks and scheme of examination will be as follows:

Section – A

- Thesaurus Construction on an assigned topic:

Marks: 10

Section – B

- Viva-voce:

Marks: 10

Section – C

- There will be *Three* titles from Chain Procedure & Three titles from PRECIS. The examinees will be required to attempt any *Five* titles.

Marks: 10

Recommended Books

1. FOSKETT (A C). Subject approach to information. Ed.5. 1996. Bingley, London.
2. CHOUDHURY (G G). Introduction to modern information retrieval. 1999. Library Association, London.
3. AUSTIN (Derek). PRECIS: A manual of concept analysis. 1984. British Library, London.
4. RAJAN (T N). Indexing systems: Concepts methods and techniques. 1981. IASLIC, Calcutta.
5. GILCHRIST (Alan). Thesaurus construction and design.

PAPER-MLIS-112: PROJECT REPORT

Total: 100 Marks

Credit: 04

OBJECTIVE

The objective of the “project report” is to pursue a contemporary problem in the field of LIS to explore its facets thoroughly and come out with solutions or ways in a scientific way. This will prove useful to the student in applying knowledge and experience acquired during the academic session to real and emerging problems in the field.

Method of Instruction

The students will evaluate resources and services available on the websites of one National and one International Higher Education Institute Libraries.

Each student will be required to submit a project report on an approved topic. The report is to be submitted both in hard and soft format. Each student will work under one guide from the Department for successful completion of the project. The areas and topics will be finalized and approved by the Departmental Staff Council. Each report will be evaluated by a committee consisting of all the regular faculty members of the Department and marks/grades for evaluation will be on presentation, methodology and inputs put in the work. The viva voce will also be conducted by the same committee. The project will be of 100 marks out of which 80 marks will be awarded to project report evaluation and 20 marks will be for viva-voce by the said committee. There will be no internal assessment. The project report is to be submitted before the commencement of the 2nd semester examinations.

ELECTIVES PAPERS

PAPER-MLIS-113: SOCIAL SCIENCE INFORMATION SYSTEM

OBJECTIVES:

- To acquaint with the major disciplines of Social Sciences.
- To develop an understanding of Social Science Information System and its Components.
- To develop evaluative skills for Specialised Information Sources and Systems.

Learning Outcomes

After studying this paper, student shall be able to:

- Understand the development, main concepts and significant contributors of four disciplines of Social Sciences.
- Know component of Social Science information system and various electronic information sources.
- Understand the role of national and international institutions related to social science information and research.
- Know the overview of information systems and networks at national and international level. They will also be able to understand the functioning, services and products of selected information systems and networks.

Total: 100 Marks

Credit: 04

Internal assessment: 20 Marks (Presentation/Assignment/Class Test – 10 + Class Test/Assignment – 5 + Attendance/Assignment – 5)

Theory: 80 Marks

Time: 3 Hours

Note: The paper is divided into 4 Units. The examinees will be required to attempt *Five* questions in all, including Question 1, which is compulsory and selecting *One* question from each Unit (I – IV). Question 1 will consist of 10 short Answer (2 marks each) questions (having no internal choice) spread over the whole syllabi. The Examiner will set *Two* questions from each Unit.

Unit-I: Structure and Development of Social Sciences

- Growth and Development of Social Sciences.
- Definition, Scope, Landmarks and Research Trends in the disciplines of:

- Political Science	- History
- Economics	- Sociology

Study of the contribution of significant authors in the field.

Unit-II: Documentary Sources

- Social Science Information System: Components.
- Information Behavior of Social Scientists: General Trends
- Web based Information Sources: E-journals, Databases- Bibliographic and Full-text Subject Gateways, Institutional Repositories, Digital Libraries.

- International Encyclopaedia of Social and Behavioural Sciences, International Bibliography of the Social Sciences, PsycINFO, Indian Citation Index, ProQuest, Web of Science, Scopus

Unit-III: Institutional Sources

- Study of the activities of: ICSSR, ICWA, National Council for Applied Economic Research, TISS, ICHR, United Nations- ECOSOC, UNESCO
- Planning of Social Science Research Libraries.

Unit-IV: Information Systems and Networks

- Study of existing Information Systems and Networks in Social Sciences at National and International level: DEVSIS, NASSDOC, DESIDOC, SENDOC, DEVINSA, APINESS.

Recommended Books

1. WEBB (William H), *Ed.* Sources of information in social sciences.
2. HERRON (Nancy), *Ed.* Social Sciences: A Cross disciplinary guide to selected sources. 1996. Libraries Unlimited.
3. HUNT (Elgin F) and COLANDER (David L). Social sciences: An Introduction to the study of society. Ed. 9. 1995. Allyn.
4. LI (Tze Chung). Social science reference sources: A Practical guide. Rev and enlarged ed 2. 1990. Greenwood.
5. VYAS (S D). Social science information in India: Efforts toward bibliographic control. 1992. Concept, New Delhi.

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PAPER-MLIS-114: BUSINESS INFORMATION SYSTEM (THEORY & PRACTICE)

OBJECTIVES:

- To familiarise with the Concept, Scope, Landmarks and Research Trends in the disciplines related to Business.
- To develop an understanding of Business Information System and its Components.
- To develop evaluative skills for Specialised Information Sources and Systems.

Learning Outcomes

After studying this paper, student shall be able to:

- Understand the development of important disciplines related to business.
- Information sources of different formats and media.
- Know different systems and networks in business.

Part – I: Theory

Total: 60 Marks

Credit: 03

Internal assessment: 10 Marks (Attendance/Assignment – 5 (Includes attendance of practical classes also) + Class Test/Assignment – 5)

Theory: 50 Marks

Time: 2½ Hours

Note: The paper is divided into 3 Units. The examinees will be required to attempt *Four* questions in all, including Question 1, which is compulsory and selecting *One* question from each Unit (I – III). Question 1 will consist of 7 short Answer (2 marks each) questions (having no internal choice) spread over the whole syllabi. The Examiner will set *Two* questions from each Unit.

Unit-I: Business Information

- Nature and Characteristics: Its Role, Generation and Utilisation.
- Systems View of Business Information
- Components of Business Information Systems: Resources, Centres, Consultants, Suppliers, Financial Organisations, Industrial Promoters, etc.
- Users of Business Information: Categories, Role, Functions and needs.

Unit-II: Business Information Sources, Products and Services

- *Sources of Information:* Documentary: Types with particular reference to Directories, Digests, Market Research Reports, Trade Literature, Technical Notes, Company Profiles, Patent, Design & Trade marks, Standards, Databases.
- *Institutional:* National & International: Studies related to the activities of:
 - NIDCS, IIFT, ITPO, CII, FICCI, etc.
 - UNIDO, UNCTAD, etc.
- *Information Services and Networks:*
 - CAS, SDI, Technical Enquiry Service, other Computerised Services.
 - Overview of Business Information Networks.

Unit-III: Organising Business Information for end user support

- Database System: Business Measurement System; Business Planning System.
- Text Management System: Text Retrieval Systems; Office Systems.
- Management Support Systems: Decision Support Systems; Information Centres.

Part – II: Practice

Total: 40 Marks

Internal Assessment: 10 marks (Assignments)

Credit: 01

Time: 2 Hours

Practical Examination: 30 Marks

- | | |
|--|-----------|
| - Evaluation of <i>One</i> Documentary Information Source. | Marks: 15 |
| - Evaluation of <i>One</i> Institutional Source. | Marks: 10 |
| - Viva-voce: | Marks: 5 |

Syllabus: Evaluation of Information Sources.

Recommended Books

1. AHITUV (N I V). Principles of Information System for Management. USA Business & Educational Technologies, 1994.
2. ATHERTON (Pauline). Handbook for information systems and services, 1977.
3. CAMPBELL (M J), ed. Manual of business library practice, 1975.
4. CURTIS (GRAHAM). Business information systems: Analysis, design & practice, 1989.
5. DOSSETT (PATTI), ed. Handbook of special librarianship & information services, 6th ed.1992.
6. GARLAND (John L). How to develop Business information systems for End User. 1986.
7. NEELAMEGHAM (A). Comp: DRTC reference course on information services for business and industry, 1974.
8. WASSERMAN, et al: Encyclopaedia of business information sources, 1983.

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PAPER-MLIS-115: HEALTH SCIENCE INFORMATION SYSTEM (THEORY & PRACTICE)

OBJECTIVES:

- To familiarise with the Concept, Scope, Landmarks and Research Trends in the disciplines of Health Sciences.
- To develop an understanding of Health Science Information System and its Components.
- To develop evaluative skills for Specialised Information Sources and Systems.\

Learning Outcomes

After studying this paper, student shall be able to:

- Understand the development of important disciplines of Health Sciences.
- Know information sources of different formats and media.
- Know different systems and networks in Health Sciences.

Part – I: Theory

Total: 60 Marks

Credit: 03

Internal assessment: 10 Marks (Attendance/Assignment – 5 (Includes attendance of practical classes also) + Class Test/Assignment – 5)

Theory: 50 Marks

Time: 2½ Hours

Note: The paper is divided into 3 Units. The examinees will be required to attempt *Four* questions in all, including Question 1, which is compulsory and selecting *One* question from each Unit (I – III). Question 1 will consist of 7 short Answer (2 marks each) questions (having no internal choice) spread over the whole syllabi. The Examiner will set *Two* questions from each Unit.

Unit-I: Health Science Information

- Growth and developments of Health Science.
- Types of Health Science Libraries/Information Centres
- Users of Health Science information

Unit-II: Health Science Information and Global Issues

- *Sources of Information:* Documentary: Printed and Non-print.
- *Institutional:* National & International: Studies related to the activities of:
- The role and functions of National Medical Library.
- The role and function of other National and International Organisations delivering Health Science Information: WHO, ICMR, Department of Biotechnology, Council of Ayurveda and Siddha, Council of Homeopathy, Unani System, National Institute of Health and Family Welfare, CDRI, CFTRI, NIN, NII, NIC, etc.
- *Information Services:* Current Awareness Services: SDI Services, Indexing and Abstracting Services, Literature Search.

Unit-III: Information Systems and Networks

- HELLIS, MEDLARS, BIOSIS
- Trends in Health Science Information System
- Application of Hypertext, Hypermedia, Multimedia, Expert system and Artificial Intelligence.

Part – II: Practice

Section – A

Total: 40 Marks

Credit: 01

Internal Assessment: 10 Marks (Assignment)

Section – B

Practical Examination: 30 Marks

Time: 2 Hours

- | | |
|--|-----------|
| - Evaluation of <i>One</i> Documentary Information Source. | Marks: 15 |
| - Evaluation of <i>One</i> Institutional Source. | Marks: 10 |
| - Viva-voce. | Marks: 5 |

Syllabus: Evaluation of Information Sources.

Recommended Books

1. DIXIT (R P). Information management in Indian medical libraries, 1995, pp 1-423.
2. R P KUMAR, SRIVASTAVA (Divya) and GUPTA (S P), eds. Education for librarianship in information age, MLAI sp. Pub. 1995, pp.1-287.
3. GUPTA(S P) et al. Information technology and health science libraries, MLAI sp. Pub. 1993, pp.1-279.
4. CARMEL (Michael), ed.: Health care librarianship and Information work 22nd ed, 1995.
5. PICKEN (Fiona Mackay) and KAHN (Ann M C). Medical librarianship in the eighties and beyond: A world perspective, 1986.
6. JOURNAL OF American Society for Information Science: Perspectives on medical informatics: information technology in health care, 1995, 46 (10), 723 – 800.
7. VARALAXSHMI (R S R). Information services in medical college libraries. 1993.

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OBJECTIVES

- To Introduce the students with various sources of information in arts and languages
- To Introduce the students with significant institutions associated with arts and languages
- To introduce the students with important print and electronic reference sources in arts and languages

Learning Outcomes

After studying this paper, student shall be able to:

- Select the appropriate and quality information sources.
- Use important printed as well as networked information sources.
- Know the activities of important institutions in arts and languages.

Total: 50 Marks

Credit: 02

Internal Assessment: 10 marks (Assignments)

Time: 2 Hours

Theory: 40 Marks

Unit-I: Information Sources

- Information sources and their kinds
- Reference books: Concept, kinds
- Criteria for evaluation of reference books

Unit-II: Secondary information sources

- Encyclopedia of Indian Literature
- India: Who's Who
- Samantar Kosh: Hindi Thesaurus
- English-Hindi Dictionary (Kamil Bulke)
- Universities Handbook
- Guide to Indian Periodical Literature

Unit-III: Institutional and online Resources

- Sahitya Academy
- Indira Gandhi National Centre for the Arts
- English and Foreign Languages University, Hyderabad
- Commission for Scientific and Technical Terminology
- Other online resources in Hindi, Punjabi and English

Unit-IV: Networked information sources

- INFLIBNET
- DELNET
- DOAJ
- Open DOAR

Recommended Books

List will be provided by the concerned Teacher.

Kurukshetra University, Kurukshetra

(Established by the State Legislature Act XII of 1956)

('A+' Grade, NAAC Accredited)

॥ योगस्थः कुरु कर्माणि ॥
समबुद्धि व योग युक्त होकर कर्म करो

(Perform Actions while Steadfasting in the State of Yoga)



DEPARTMENT OF ELECTRONIC SCIENCE

CBCS CURRICULUM (2020-21)

Program Name: M.Sc. (Electronic Science)

(For the Batches Admitted from 2020-2021)

OUTCOME BASED EDUCATION SYSTEM

CBCS CURRICULUM (2020 -21)
Program Name: M.Sc. (Electronic Science)
(For the Batches Admitted from 2020-2021)

VISION

Be globally acknowledged as a distinguished centre of academic excellence.

MISSION

To prepare a class of proficient scholars and professionals with ingrained human values and commitment to expand the frontiers of knowledge for the advancement of society.

DEPARTMENT VISION AND MISSION

VISION

- To become center of quality education, research with innovation in the field of electronic science and be recognized at National and International level for serving society.

MISSION

- **M1:** To provide quality education to aspiring young minds for improving their scientific knowledge and technical skills in the area of Electronic Science.
- **M2:** To produce socially committed trained professionals who can contribute effectively to the advancement of their organization and society through their scientific knowledge.
- **M3:** To foster innovation in Electronic Science and allied areas by collaborating with industry and other R&D organizations.

Mapping of University Vision and Mission to Department Vision and Mission

Acclaimed as modal Centre of Learning and Research by

University Vision and Mission	Department Vision and Mission
High quality knowledge delivery through state of art infrastructure and ethical values to the students	Yes
Students excellence will make them professionals and innovators emerging as global leaders	Yes
Research and development will help in furtherance of Faculty knowledge	Yes

Programme Educational Objectives (PEOs):

The Department of Electronic Science have formulated the Programme Educational Objectives (PEO's) that are broad statements to achieve the mission of the Department. The PEOs have been defined after consultation with all stakeholders. The PEO's of the M.Sc. (Electronic Science) Program are as follows:

- **PEO1:** To develop ability to analyze, design, develop, optimize and implement complex electronic systems using state of the art approaches and provide practical solutions to electronics related problems.
- **PEO2:** To develop ability to work independently as well as collaboratively and demonstrate leadership, managerial skills and ethical & social responsibility.
- **PEO3:** To promote the life-long learning by pursuing higher education and participation in research and development activities to meet all challenges to transform them as responsible citizens of the nation

Program Specific Outcomes (PSO's):

- **PSO1:** Ability to use the techniques, skills, and cutting-edge tools for technical practice in the field of Electronics.
- **PSO2:** Ability to design and implement complex electronic systems in the various technological advanced areas.
- **PSO3:** Ability to design and perform electronics experiments, as well as to analyze and interpret data

PEOs to Mission statement mapping

PEO's	MISSION OF THE DEPARTMENT		
	M1	M2	M3
PEO1	3	1	3
PEO2	1	3	2
PEO3	3	2	3

Program Outcomes (PO) with Graduate Attributes

Programme Outcomes are attributes of the graduates from the programme that are indicative of the graduates' ability and competence to work as an engineering professional upon graduation. Program Outcomes are statements that describe what students are expected to know or do by the time of graduation, they must relate to knowledge and skills that the students acquire from the programme. The achievement of all outcomes indicates that the student is well prepared to achieve the program educational objectives down the road. The M.Sc. (Electronic Science) program has following eleven PO's. The course syllabi and the overall curriculum are designed to achieve these outcomes:

S. No	Graduate Attributes	Program Outcomes (POs)
1	Knowledge	PO1: Capability of demonstrating comprehensive disciplinary knowledge gained during course of study.
2	Research Aptitude	PO2: Capability to ask relevant/appropriate questions for identifying, formulating and analyzing the research problems and to draw conclusion from the analysis.
3	Communication	PO3: Ability to communicate effectively on general and scientific topics with the scientific community and with society at large
4	Problem Solving	PO4: Capability of applying knowledge to solve scientific and other problems
5	Individual and Team Work	PO5: Capable to learn and work effectively as an individual, and as a member or leader in diverse teams, in multidisciplinary settings.
6	Investigation of Problems	PO6: Ability of critical thinking, analytical reasoning and research based knowledge including design of experiments, analysis and interpretation of data to provide conclusions
7	Modern Tool Design	PO7: ability to use and learn techniques, skills and modern tools for scientific practices
8	Science and Society	PO8: Ability to apply reasoning to assess the different issues related to society and the consequent responsibilities relevant to professional scientific practices
9	Life-Long Learning	PO9: Aptitude to apply knowledge and skills that are necessary for participating in learning activities throughout life.
10	Ethics	PO10: Capability to identify and apply ethical issues related to one's work, avoid unethical behavior such as fabrication of data, committing plagiarism and unbiased truthful actions in all aspects of work.
11	Project Management	PO11: Ability to demonstrate knowledge and understanding of the scientific principles and apply these to manage projects.

Mapping of PEO's with PO's

S. No.	Program Educational Objectives	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
1	Ability to analyze, design, develop, optimize and implement complex electronic systems using state of the art approaches derived from engineering sciences and practical solutions to electronics related problems.	√	√		√		√	√					√	√	√
2	Ability to work independently as well as collaboratively and to demonstrate leadership, managerial skills and ethical and social responsibility.			√		√			√		√	√			
3	Ability to engage in the life-long learning by pursuing higher education and participation in research and development activities to meet all challenges to transform them as responsible citizens of the nation			√	√		√	√	√	√		√	√	√	√

Kurukshetra University, Kurukshetra
Scheme of Examination & Syllabus of M.Sc. Electronic Science (CBCS)
(I to IV Semesters) w.e.f. Session 2020-2021 (in phased manner)

Part-I Course Subjects

Course No.	Name		Marks			Exam Time	Credit	Workload/ contact hrs. per week
			Sessional*	Exam	Total			
Semester I								
EL 11	Mathematical & Computational Techniques in Electronics		25	75	100	3 hrs.	4	4
EL 12	Physics of Solid State Devices		25	75	100	3 hrs.	4	4
EL 13	IC Fabrication Technology		25	75	100	3 hrs.	4	4
EL 14	EM Theory and Electronic Communication		25	75	100	3 hrs.	4	4
EL 15	Electronic Instrumentation & Control System		25	75	100	3 hrs.	4	4
EL 16	Analog Circuit Design Lab		25	75	100	4 hrs.	8	16
EL 17	Digital Circuit Design & Programming Lab		25	75	100	4 hrs.	8	16
Total							36	52
Semester-II								
EL 21	Digital Circuits and System Design		25	75	100	3 hrs.	4	4
EL 22	Device Models & Circuit Simulation		25	75	100	3 hrs.	4	4
EL 23	Verilog- Hardware Description Language		25	75	100	3 hrs.	4	4
EL 24	System Design Using Embedded Processors		25	75	100	3 hrs.	4	4
EL 25	Option		25	75				
(i)	Foundations of MEMS		25	75	100	3 hrs.	4	4
(ii)	Nano Electronics – Materials & Devices		25	75	100	3 hrs.	4	4
(iii)	Materials for VLSI		25	75	100	3 hrs.	4	4
EL 26	Electronic Circuits Simulation & Microcontroller Lab		25	75	100	4 hrs.	8	16
EL 27	IC Processing & Characterization lab		25	75	100	4 hrs.	8	16
Total							36	52
Semester-III								
EL 31	MOS Solid State Circuits		25	75	100	3 hrs.	4	4
EL 32	Semiconductor Material & Device Characterization		25	75	100	3 hrs.	4	4
EL 33	Microwave & Optoelectronic Devices		25	75	100	3 hrs.	4	4
EL 34	Option		25	75				
(i)	Custom Microelectronics & ASICs		25	75	100	3 hrs.	4	4
(ii)	RF Microelectronics		25	75	100	3 hrs.	4	4
(iii)	Digital Signal Processing		25	75	100	3 hrs.	4	4
EL 35	Option		25	75				
(i)	Digital Communication		25	75	100	3 hrs.	4	4

(ii)	Optical Fiber Communication		25	75	100	3 hrs.	4	4
(iii)	Wireless & Mobile Communication		25	75	100	3 hrs.	4	4
EL 36	Communication Lab		25	75	100	4 hrs.	8	16
EL 37	CAD Tools & Embedded Systems Lab		25	75	100	4 hrs.	8	16
Total							36	52
Semester IV								
EL 41	Project report & Viva Voce **		0	0	300		20	-
EL 42	Current Topic Seminar in Electronics		0	0	100	1 hr.	4	-
Total							24	-

Total credits = 132

Note:

*(i) In theory papers, the internal assessment will be based on two class tests, one assignment and the attendance in the class. Where two teachers are teaching the subject, average of the tests and assignments will be considered.

** (ii) The Project is to be carried out for six months during Jan-June in an Industry or Institute of repute or in the Department labs. The students are required to submit a dissertation. Evaluation will be done by examiners appointed by the PG Board of studies and will be based on the dissertation and Viva Voce.

Part-II

The students of Department of Electronic Science will take two open choices (2 credit each) offered by other Departments of Science Faculty and have to earn 4 credit in addition to credit earned in Part-I.

Part-III

Open choice offered by the Department of Electronic Science for the students of other Departments of Science Faculty as under:

Open Elective

Course No.	Name		Marks			Exam Time	Credits	Workload/ contact hrs. per week
			Sess	Exam	Tot			
OE 203	Fundamental of Nanomaterials		15	35	50	3 hrs.	2	2
OE 303	MEMS: An Interdisciplinary Approach		15	35	50	3 hrs.	2	2

The open choice will be offered in II/III sem.

Detailed Syllabus

Course Code: EL11	Course Name: Mathematical & Computational Techniques in Electronics		L	T	P	C
			4	0	0	4
Year and Semester	1st Year I Semester	Contact hours per week: (4 hrs.) Exam: (3 hrs.)				
Pre-requisite of course	NIL	Evaluation				
		Sessional: 25		Examination: 75		

Course Objectives:

1.	To understand the role of mathematics & computational methods in Electronics
2.	To acquire the knowledge of various applied mathematical techniques/methods to develop simulation analysis tools for digital and analog electronic circuits
3.	To understand the use of various analysis i.e. AC, DC & transient techniques for solving linear and non linear electronic & electrical circuits
4.	To acquire knowledge of various simulation & modeling software tools for electronic circuits

Course Outcomes: On completion of the course, student would be able to:

CO1	Ability to understand the role of applied mathematical techniques for their use in designing, simulation & modeling of for digital and analog electronic circuits
CO2	Ability to design software tools for simulation & modeling of electronic circuits
CO3	Understand different techniques for simulation & modeling of electronic circuits
CO4	Develop skill to design software tools to be used in electronics

Mapping of Course Outcomes to Program Outcomes:

CO's	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
CO1	3	3	2	3	3	3	3	--	--	--	3	3	3	
CO2	3	3	2	3	3	3	3	--	--	--	3	3	3	
CO3	3	3	2	3	3	3	3	--	--	--	3	3	3	
CO4	3	3	2	3	3	3	3	--	--	--	3	3	3	

CONTENTS		Hrs.	COs
Unit I Role of simulation in IC design, DC Analysis of linear networks, Node analysis, Loop analysis, Hybrid formulation techniques, 2b Method, Tableau Method, Modified node analysis, Transient analysis of linear and non-linear circuits, Possible formulation techniques, Numerical solution of ordinary differential equations, Associated circuit models for inductors and capacitors, Use of associated circuit models		10	CO1, CO2, CO3 and CO4
Unit II DC analysis of Non-Linear circuits, DC analysis of Non-linear equation in one unknown, Newton-Raphson techniques for many variables, linearized equivalent for Newton-Raphson technique, General Consideration in solving Non-linear Circuits,		10	CO1, CO2, CO3 and

Network graphs: basic concepts, formation of incidence matrix and its properties, Cut set matrix, State variable analysis: Introduction, State Space model, State-Space model applicable for electrical circuits.		CO4
Unit III Laplace transforms: Definition, Fundamental rules, Operational methods in applied mathematics; Integral transform, Application of the operational calculus to the solution of partial differential equations, Evaluation of integrals, Laplace transforms of periodic functions, Applications of the Laplace transform to the solution of linear integral equations, Systems of linear differential equations with constant coefficient, solving electrical circuits using Laplace transform.	10	CO1, CO2, CO3 and CO4
Unit IV Digital signal analysis, Continuous and discrete-time signal, sampling theorem, Fourier series, Examples of Fourier expansions of functions, Fourier transform and its properties, applications of Fourier transform in circuit analysis, Discrete Fourier transform and its properties, DFT and Fourier transform, Relation to the Fourier transform: Aliasing, DFT and Fourier series, Fast Fourier transform, Redundancy in the DFT, Z-transform: definition, Z-transforms of some common sequences, Properties of the Z-transforms.	10	CO1, CO2, CO3 and CO4

References:

1. Applied Mathematics for Engineers and Physicists by Louis A. Pipes and Lawrence R. Harvill.
2. Digital Signal Analysis by Samuel D. Stearns and Don R. Hush.
3. Computer Simulation of Electronic Circuits by R. Raghuram.
4. Scientific and Engineering Applications with PC's by Raymond Annino & Richard Drives.
5. Schaum's Outline of Laplace Transforms by Murray R Spiegel (Author)
6. Schaum's Outline of Signals and Systems by Hwei Hsu (Author)
7. Circuit Theory by Abhijit Chakrabarthy, Dhanpat Rai & Sons.
8. Basic Engineering Circuit Analysis by J. David Irwin, 3rd Ed., Macmillan Publishing Company, New York.

Note for Examiner(s): Instructions: There shall be nine questions in total. Question number 1 will be compulsory and will consist of short conceptual type answers covering all the Units. There shall be eight more questions, two from each unit. Students are required to attempt four questions, selecting one from each unit in addition to the compulsory question. All questions will carry equal marks.

Assessment Pattern:

Outcomes	Internal Evaluation (25 Marks)			Semester End Examination (75 Marks)
	Test1	Test2	Assignment/Attendance	SEE
Marks	10	10	5.0	75
CO1	5	-	-	20
CO2	5	2.5	-	20
CO3		5		25
CO4		2.5		10

Course Code: EL12	Course Name: Physics of Solid State Devices	L	T	P	C
		4	0	0	4
Year and Semester	1st Year I Semester	Contact hours per week: (4 hrs.) Exam: (3 hrs.)			
Pre-requisite of course	NIL	Evaluation			
		Sessional: 25		Examination: 75	

Course Objectives:

1	To learn the behaviour of semiconductor devices
2	To understand the characteristics of semiconductor devices
3	To estimate the parameters of devices from its characteristics
4	To introduce the secondary effects which limits the performance of devices
5	To introduce the concept of device models and device simulation

Course Outcomes: On completion of the course, student would be able to:

CO1	Describe the behavior of semiconductor materials and devices
CO2	Reproduce the characteristics of PN junctions/BJT/MOSFET devices
CO3	Calculate the device/material parameters using the device characteristics
CO4	Describe various effects which affects the performance of MOSFET devices
CO5	Understand concept of device models and simulation

Mapping of Course Outcomes to Program Outcomes:

CO's	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
CO1	3	3		1		2	1			--	--		1	
CO2	2	3		1		3	3			--	--	3	2	
CO3	2	3		3		3	3			--	--	3	3	
CO4	3	3		3		3	1			--	--	3	3	
CO5	3	3		3		3	3					3	3	

CONTENTS	Hrs.	COs
Unit-1 Energy bands in solids, Metals, Semiconductors & insulators, Direct and indirect band gap semiconductors, charge carriers in SCs electrons & holes, effective mass, intrinsic & extrinsic material, carrier conc. Fermi level, electron & hole conc. at equilibrium, temperature dependence of carrier conc. Conductivity & mobility, drift & resistance, Hall effect	10	CO1

Unit-2 Diffusion of carriers, built in fields, Equilibrium conditions, the contact potential, forward and reverse biased junctions, steady state conditions, reverse break down, transient & AC condition. Time variation of stored charge, reverse recovery metal-Semiconductor junction. Fundamentals of BJT operation, amplification with BJT's, Minority carrier distribution & terminal currents, coupled diode model, charge control analysis, switching, specification for switching transistors, HF & hetro-junction BJTs.	10	CO2, CO3
Unit-3 Equilibrium in Electronic System, Idealized Metal-semiconductor junction, Current-voltage characteristics, Non rectifying contacts, Surface effects, MOS structure, Capacitance of MOS system, MOS Electronics, Oxide of Interface charges, Basic MOSFET behaviour, Improved Models for short channel MOSFETs.	10	CO2, CO3
Unit-4 Scaling of MOSFETs, Gate coupling, velocity overshoot, high field effects, substrate current, Hot carrier effects, Gate current, Device degradation, Structure that reduce the drain field. Numerical simulation, Basic concept of simulation, Grids, Device simulation, simulation challenges	10	CO4, CO5

References

1. Device Electronics for Integrated Circuits (3rd Edition) Muller & Kammins- John Wiley
2. Physics and Technology of Semiconductor Devices by A.S. Grove.
3. Physics of Semiconductor Devices by S.M.Sze.
4. Solid State Electronic Devices (6th edition) Ben G Streetman & S.K.Banerjee, (PHI, New Delhi, 2009)

Note for Examiner(s): Instructions: There shall be nine questions in total. Question number 1 will be compulsory and will consist of short conceptual type answers covering all the Units. There shall be eight more questions, two from each unit. Students are required to attempt four questions, selecting one from each unit in addition to the compulsory question. All questions will carry equal marks.

Assessment Pattern:

Outcomes	Internal Evaluation (25 Marks)			Semester End Examination (75 Marks)
	Test1	Test2	Assignment/Attendance	SEE
Marks	10	10	5.0	75
CO1	10	-	-	10
CO2		5	-	10
CO3		5		15
CO4			-	20
CO5				20

Course Code: EL13	Course Name: IC Fabrication Technology		L	T	P	C
			4	0	0	4
Year and Semester	1st Year I Semester	Contact hours per week: (4 hrs.) Exam: (3 hrs.)				
Pre-requisite of course	NIL	Evaluation				
		Sessional: 25		Examination: 75		

Course Objectives:

1	To understand the basic concepts of microelectronic processing techniques for physical implementation of VLSI circuits in IC Technology
2	To understand the kinetics of oxide growth on silicon and controlling of dopant distribution profile in semiconductors.
3	To acquire the knowledge of various fabrication steps like lithography, etching and packaging for the fabrication of VLSI chips in microelectronic industries
4	To acquire knowledge of various VLSI Process Technologies e.g. BJT, CMOS, BiCMOS etc. for IC fabrication
5	To Understand the latest developments and future needs of IC fabrication industry.

Course Outcomes: On completion of the course, student would be able to:

CO1	Describe various microelectronics fabrications technique/tools and instrumentation used for deposition of thin films.
CO2	Describe the kinetics of oxide layer growth on silicon surface and controlling the profile of dopants distribution in semiconductors.
CO3	Differentiate between various semiconductor processing techniques used for patterning (lithography and etching) of thin films and bulk structures.
CO4	Explain the process sequence for BJT, CMOS and BiCMOS Processes and their packaging.
CO5	Forecast the next generation technologies through Technological Roadmaps for implementing ICs meeting the requirement of the future.

Mapping of Course Outcomes to Program Outcomes:

CO's	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
CO1	3	1		3		2	3					3	3	
CO2	3	3		3		3	3					3	3	
CO3	3	3		3		3	3					3	3	
CO4	3	3		3		3	2					3	3	
CO5		3		3		3		2						

CONTENTS	Hrs.	COs
Unit-1 Microelectronics processing: Introduction, Clean Room, Pure Water System, Vacuum Science and Technology, Practical vacuum systems, Operating principle: Rotary Pump, Cryo Pump and Turbo Molecular Pump, Vacuum Gauges: Pirani and Penning Gauge, Sources for vacuum deposition, Sputtering (DC, RF and RF Magnetron), Chemical Vapor Deposition, reactors for chemical vapor deposition, CVD Applications, PECVD, Metallization, Epitaxy: Introduction, Vapor phase epitaxy, Liquid phase epitaxy and Molecular beam epitaxy, Hetroepitaxy.	10	CO1

Unit-2 Thermal Oxidation of Silicon, Oxide Formation, Kinetics of Oxide Growth, Oxidation Systems, Properties of Thermal Oxides of Silicon, Impurity Redistribution during Oxidation, Uses of Silicon Oxide, Basic diffusion process, Diffusion Equation, Diffusion Profiles, Evaluation of Diffused Layers, Diffusion in Silicon, Emitter-Push Effect, Lateral Diffusion, Distribution and Range of Implanted Ions, Ion Distribution, Ion Stopping, Ion Channeling, Disorder and Annealing, Multiple Implantation and Masking, Pre-deposition and Threshold Control.	10	CO2
Unit-3 Photolithography, Negative and Positive Photoresist, Resist Application, Exposure and Development, Photolithographic Process Control. E-Beam Lithography, X-Ray Beam Lithography and Ion Beam Lithography. Wet Chemical Etching, Chemical Etchants for SiO ₂ , Si ₃ N ₄ , Polycrystalline Silicon and other microelectronic materials, Plasma Etching, Plasma Etchants, Photoresist Removal, Lift off process, Etch Process Control,	10	CO3
Unit-4 Fundamental considerations for I.C processing, PMOS and NMOS IC Technology, CMOS I.C technology, MOS Memory technology- Static and Dynamic, Bipolar IC Technology, BiCMOS Technology, Packaging design considerations, Special package considerations, Yield loss in VLSI, Reliability requirements for VLSI.	10	CO4 CO5

References:

1. Microchip Fabrication: A Practical Guide to Semiconductor Processing by Peter Van Zant (2nd Edition) (McGraw Hill Publishing Company).
2. Vacuum Technology by A. Roth
3. Microelectronic Processing: An Introduction to the Manufacture of Integrated Circuits by W. Scot Ruska (McGraw Hill International Edition).
4. VLSI Technology By S.M.Sze (2nd Edition)
5. Semiconductor Devices: Physics and Technology by S.M. Sze.
6. VLSI Fabrication Principles: Silicon and Gallium Arsenide by Sorab K. Ghandhi (John Wiley & Sons).

Note for Examiner(s): Instructions: There shall be nine questions in total. Question number 1 will be compulsory and will consist of short conceptual type answers covering all the Units. There shall be eight more questions, two from each unit. Students are required to attempt four questions, selecting one from each unit in addition to the compulsory question. All questions will carry equal marks.

Assessment Pattern:

Outcomes	Internal Evaluation (25 Marks)			Semester End Examination (75 Marks)
	Test1	Test2	Assignment/Attendance	SEE
Marks	10	10	5.0	75
CO1	5	-	-	15
CO2	5	-	-	15
CO3		5		15
CO4		5	-	15
CO5				15

Course Code: EL14	Course Name: EM Theory and Electronic Communication	L	T	P	C
		4	0	0	4
Year and Semester	1st Year I Semester	Contact hours per week: (4 hrs.) Exam: (3 hrs.)			
Pre-requisite of course	NIL	Evaluation			
		Sessional:25		Examination: 75	

Course Objectives:

1. To understand the basic theory of EM waves
2. To acquire knowledge of different Radio wave propagations
3. To understand different parameters of transmission lines and basics of Antenna
4. To understand the different pulse and digital modulation techniques
5. To Acquire knowledge of modern telephone networks and satellite communication

Course Outcomes: On completion of the course, student will have:

CO1	Ability to explain wave equation and boundary conditions
CO2	Ability to understand ground wave, ionospheric and tropospheric propagation
CO3	Ability to analyze Smith chart for impedance matching
CO4	Ability to evaluate S parameters
CO5	Ability to explain various pulse and digital modulation techniques
CO6	Ability to explain the definition pertaining to modern telephone network
CO7	Ability to explain the definition pertaining satellite communication

Mapping of Course Outcomes to Program Outcomes:

CO's	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
CO1	3	1	3	3		2	2			--	--	3	3	3
CO2	3	1	3	3		3	2			--	--	3	3	3
CO3	3	1	2	3		3	2			--	--	3	3	3
CO4	3	1	2	1		3	1					2	2	1
CO5	3	1	2	3		3	2					3	3	3
CO6	3	1	2	3		3	2					3	3	3
CO7	3	1	3			3	2					3	3	3

CONTENTS	Hrs.	COs
Unit I Wave Equation and Boundary conditions, Plane monochromatic wave in non-conducting media, conducting media, Reflection and refraction at the boundary of two non-conducting media-oblique incidence, Reflection from a conducting plane-total internal reflection, Propagation between parallel conducting plates, Radio Wave propagation: Propagation in Free space, Tropospheric Propagation, Ionospheric propagation, Surface wave propagation, Propagation losses	10	CO1, CO2

Unit II Transmission lines, Characteristic impedance, standing waves, quarter and half wavelength lines, Impedance matching, Use of Smith Chart, Impedance matching using Smith Chart, Losses in Transmission lines, Wave-guides: Rectangular, losses in Wave-guides, S Parameters, Basics of Antennas: Antenna parameters, Dipole antennas, Radiation pattern, Antenna gain.	10	CO3, CO4
Unit III Pulse Communication, Pulse Amplitude modulation (PAM), Pulse Width Modulation, Pulse Position Modulation (PPM), Pulse Code Modulation and application. Digital Communication, Characteristics of Data Transmission Circuit, Data Transmission speeds, Noise, Cross talks, Echo suppressors, Distortion, Equalizers, Bit transmission, Signaling rate, Digital Communication techniques, FSK, PSK, BPSK, QPSK, DPSK. Error Detection and Correction codes.	11	CO5
Unit IV Modern Telephone networks, mobile telephone network, intelligent network and services (in brief) Satellite Communication: Introduction, Orbits, Station keeping, Satellite Attitude, Transmission Path, Path Loss, Noise considerations, the Satellite Systems, Saturation flux density, Effective Isotropic radiated Power, Multiple Access Methods.	9	CO6, CO7

References:

1. Foundations of Electromagnetic Theory JR Reitz and FZ by Reitz and Milford (Addison Wesley).
2. Electromagnetics by B.B. Laud (Wiley Eastern).
3. Mathew N. O. Sadiku, 'Principles of Electromagnetics', 6th Edition, Oxford University Press Inc. Asian edition, 2015
4. Theory and Applications of Microwaves by Brownwell and Beam (McGraw Hill).
5. Electronic Communication by George Kennedy.
6. Basic Electronic Communication by Roody & Coolen.
7. Satellite Communication by Robert M. Gagliardi.
8. Electronic Communication System by W.Tomasi
9. Networks and Telecommunication Design & Operation by Martin. P. Clark

Note for Examiner(s): There shall be nine questions in total. Question number 1 will be compulsory and will consist of short conceptual type answers covering all the Units. There shall be eight more questions, two from each unit. Students are required to attempt four questions, selecting one from each unit in addition to the compulsory question. All questions will carry equal marks.

Assessment Pattern:

Outcomes	Internal Evaluation (25 Marks)			Semester End Examination (75 Marks)
	Test1	Test2	Assignment/Attendance	SEE
Marks	10	10	5.0	75
CO1	2.5			10
CO2	2.5			8.75
CO3	2.5			10
CO4	2.5			8.75
CO5		5		18.75
CO6		2.5		10
CO7		2.5		8.75

Course Code: EL15	Course Name: Electronic Instrumentation and Control System	L	T	P	C
		4	0	0	4
Year and Semester	1st Year I Semester	Contact hours per week: (4 hrs.) Exam: (3 hrs.)			
Pre-requisite of course	NIL	Evaluation			
		Sessional: 25	Examination: 75		

Course Objectives:

1.	Understand the role of instrumentation in Electronics
2.	Acquire knowledge of transducers and actuators used in Electronic Technology and that use electronics
3.	To understand the need of control systems quantitatively and qualitatively
4.	To design controller for a specific response and specific applications

Course Outcomes: On completion of the course, student will have:

CO1	Ability to understand the characteristics of sensors and transducers and analyze their performance
CO2	Ability to understand and compare different methods for measuring a physical quantity and role of different instrumentation required for measuring the same
CO3	Ability to identify different control systems, analyze using SFG and design them for specified purpose
CO4	Ability to use different techniques to perform stability analysis of the designed control system and capability to do the state space analysis

Mapping of Course Outcomes to Program Outcomes:

CO's	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PS01	PS02	PS03
CO1	3	1	1	3	1	1	1	-	-	--	--	3	1	-
CO2	3	1	1	3	1	1	1	-	-	--	--	3	2	-
CO3	3	1	1	3	1	1	1	-	-	--	--	3	2	-
CO4	3	1	1	3	1	1	1	-	-	-	-	1	2	-

CONTENTS	Hrs.	COs
Unit I Basic concepts of measurement: Introduction, system configuration basic characteristics of measuring devices, Transducer Classification :Introduction, Electrical transducer, classification, basic requirements, Performance characteristics of an instrumentation system: generalized system, zero order, first order, second order system, Measurement of displacement: principle of transduction, Variable resistance device, LVDT, Variable capacitance transducer, Hall effect devices, Measurement of pressure: Thin film pressure transducer, piezoelectric pressure transducer vibrating element pressure transducer	10	CO1 CO2
Unit II Measurement of position, velocity, force, torque (basics only) Measurement of flow: Head type flow meters based on differential pressure measurements, Anemometers	10	CO2

Temperature measurements: resistance type temp. sensors, thermistors, thermocouples, solid state sensors, optical pyrometers Measurement of humidity, thickness, pH (basics only) Instrumentation amplifier, Q meter, Digital storage oscilloscope, Lock-in Amplifier,		
Unit III Bioelectrical signals and their measurement, Electrodes for ECG Control System: Introduction: Basic components of a control system, Example of control system applications, Open loop and closed loop control system, Feedback and its effects, Types of feedback control systems, Transfer functions, block diagram, and Signal Flow graphs. Time response of feedback control systems: Steady state error analysis, Introduction and design of P, I PI, PD and PID Controllers .	10	CO2 CO3 CO4
Unit IV Stability of linear control systems: introduction, Methods of determining stability, Routh –Hurwitz stability, Nyquist Stability Criterion, Root loci technique for analysis of LTI control system, Bode plots and Nyquist plots Introduction to State variable analysis: Concepts of state, state variable and state models for electrical systems, Solution of state equations.	10	CO3 CO4

References:

1. Modern Electronic Instrumentation and Measurement Technique by Alfred D. Helfrick and William D. Cooper, Eastern Economy Edition
2. Instrumentation Devices and Systems by C.S. Rangan, G.R. Sarma and V.S.V Mani, Tata McGraw Hill.
3. Principles of Measurement and Instrumentation by Alan S. Morris, Prentice Hall.
4. Automatic Control Systems by Benjamin C. Kuo, Prentice Hall India.
5. Modern Control Engineering by K. Ogata, PHI.
6. Bio-Medical Instrumentation by R.S Khandpur.

Note for Examiner(s): There shall be nine questions in total. Question number 1 will be compulsory and will consist of short conceptual type answers covering all the Units. There shall be eight more questions, two from each unit. Students are required to attempt four questions, selecting one from each unit in addition to the compulsory question. All questions will carry equal marks.

Assessment Pattern:

Outcomes	Internal Evaluation (25 Marks)			Semester End Examination (75 Marks)
	Test1	Test2	Assignment/Attendance	SEE
Marks	10	10	5.0	75
CO1	5	-	-	15
CO2	5		-	20
CO3		5		20
CO4		5		20

Course Code: EL16	Course Name: Analog Circuits Design Lab		L	T	P	C
			0	0	16	8
Year and Semester	1st Year I Semester	Contact hours per week: (4 hrs.) Exam: (4 hrs.)				
Pre-requisite of course	NIL	Evaluation				
		Sessional: 25		Examination: 75		

Course Objectives:

1	To learn the use of various electronic equipment used for analysis of basic analog circuits and systems
2	To learn wafer handling and thin film deposition processes
2	To understand the procedures for designing of basic analog electronic circuits.
3	To learn the functioning of wave shaping circuits using operational amplifiers.
4	To Analyze and interpret experimental data
5	To know how to present the results of experiments

Course Outcomes: On completion of the course, student would be able to:

CO1	Operate various equipment used in the design and analysis of basic analog circuits.
CO2	Perform basic silicon wafer processing and deposition of thin films.
CO3	Design analog electronics circuits based on semiconductor devices (Diode/BJT/MOSFET).
CO4	Implement application oriented circuits using Op-amp and 555 timer ICs.
CO5	Analyze & Interpret the data obtained in the experiments.
CO6	Present the experimental results and conclusions in the form of written report in clear and concise manner.

Mapping of Course Outcomes to Program Outcomes:

CO's	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
CO1	3	2		3	2	3	3		2	1	1	2	3	3
CO2	3	3		3	2	3	3		2	1	1	2	3	3
CO3	3	3		3	2	3	3		2	1	1	2	3	3
CO4	3	3		3	2	3	2		2	1	1	2	3	3
CO5		3		3	2	3		2	2	1	1			
CO6			3		2					1				

Experiments list to be decided by department as per COs

Course Code: EL17	Course Name: Digital Circuit Design & Programming lab	L	T	P	C
		0	0	16	8
Year and Semester	1st Year I Semester	Contact hours per week: (4 hrs.) Exam: (4 hrs.)			
Pre-requisite of course	NIL	Evaluation			
		Sessional: 25		Examination: 75	

Course Objectives:

1	To learn about digital CMOS ICs
2	To learn the designing of combinational and sequential circuits
3	To learn about code writing using computer languages
4	To be familiar with computational tools like MATLAB etc.
5	To know how to analyze, interpret and present the results of experiments.

Course Outcomes: On completion of the course, student would be able to:

CO1	Select CMOS digital ICs for a given application and specifications.
CO2	Design combinational and sequential circuits.
CO3	Write a program/code using high level computer language for solving scientific problems
CO4	Operate advanced simulation/computational tools like MATLAB etc.
CO5	Analyze & Interpret the data obtained in the experiments.
CO6	Present the experimental results and conclusions in the form of written report in clear and concise manner.

Mapping of Course Outcomes to Program Outcomes:

CO's	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
CO1	1	2		3	2	3	3		2	1	1	2	3	3
CO2	1	2		3	2	3	3		2	1	1	2	3	3
CO3	1	2		3	2	3	3		2	1	1	2	3	3
CO4	1	2		3	2	3	2		2	1	1	2	3	3
CO5		2		3	2	3		2	2	1	1			
CO6			3		2					1				

Experiments list to be decided by department as per COs

Course Code: EL21	Course Name: Digital Circuits and System Design	L	T	P	C
		4	0	0	4
Year and Semester	1st Year II Semester	Contact hours per week: (4 hrs.) Exam: (3 hrs.)			
Pre-requisite of course	NIL	Evaluation			
		Sessional:25		Examination: 75	

Course Objectives:

1. To Understand the theory and practical aspect of CMOS Circuits
2. To Acquire knowledge of Programmable Logic Devices
3. To understand the analysis and designing of Clocked Synchronous State- machine
4. To understand the Synchronous Design Methodology
5. To Obtain basic Knowledge of VHDL and FPGA.

Course Outcomes: On completion of the course, student will have:

CO1	Ability to design CMOS Circuit
CO2	Ability to understand and compare different CMOS logic families
CO3	Ability to understand types of CMOS PLDs
CO4	Ability to implement basic circuits in VHDL
CO5	Ability to analyzing State Machines
CO6	Ability to designing State Machines
CO7	Ability to define Impediments to Synchronous Design Methodology
CO8	Ability to perform experiments related to FPGA

Mapping of Course Outcomes to Program Outcomes:

<i>CO's</i>	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	PS01	PS02	PS03
CO1	3	1	3	3	2	2	3			--	--	3	2	3
CO2	3	1	3	3	2	2	3			--	--	3	2	3
CO3	3	1	3	3	2	2	3			--	--	3	2	3
CO4	3	1	2	3	2	2	3					2	2	3
CO5	3	1	3	3	2	2	3					3	2	3
CO6	3	1	3	3	2	2	3					3	2	3
CO7	3	1	3	3	2	2	3					3	2	2
CO8	3	1	3	3	2	2	3					3	2	2

CONTENTS		Hrs.	COs
Unit I Introduction to CMOS Circuits, Logic families, CMOS logic, Electrical behaviour of CMOS circuits, CMOS steady state electrical behaviour, CMOS dynamic electrical behaviour, CMOS Input and Output structures, CMOS logic families, CMOS/TTL interfacing, Timing Hazards, Quine-McCluskey Method of finding Minimal SOP and POS Expressions.		10	CO1, CO2
Unit II Combinational Logic Design Practice: Documentation standards, circuit timing, Combinational PLDs: Programmable logic array (PLA), Implementation of combinational logic using PLA, Programmable array logic (PAL), Generic Array logic (GAL), Description of some basic PLDs, Complex Programmable Logic Devices (CPLDs), Combinational PLD applications. Implementation of following in VHDL decoders, encoders, three state devices, multiplexers, exclusive-OR gates and parity circuits, comparators, adders, combinational multipliers.		10	CO3, CO4
Unit III Bistable elements, Latches and Flip-Flops, Clocked Synchronous State-machine Analysis, Clocked Synchronous State- machine Design, Designing State Machines using State Diagrams, State-machine Synthesis using Transition Lists.		11	CO5, CO6
Unit IV Sequential PLDs, Registers: Shift Registers and counters, Iterative versus Sequential Circuits, Synchronous Design Methodology, Impediments to Synchronous Design, Synchronizer Failure and Meta stability, Field Programmable Gate Arrays		9	CO7, CO8

Reference:

1. Digital Design: Principles & Practices-John F. Wakerly (4th edition, Prentice Hall).
2. Programmable Logic: PLDs and FPGAs- R.C. Seals, G.F. Whapshott (McGraw-Hill, Publication)

Note for Examiner(s): There shall be nine questions in total. Question number 1 will be compulsory and will consist of short conceptual type answers covering all the Units. There shall be eight more questions, two from each unit. Students are required to attempt four questions, selecting one from each unit in addition to the compulsory question. All questions will carry equal marks.

Assessment Pattern:

Outcomes	Internal Evaluation (25 Marks)			Semester End Examination (75 Marks)
	Test1	Test2	Assignment/Attendance	SEE
Marks	10	10	5.0	75
CO1	2.5			10
CO2	2.5			8.75
CO3	2.5			10
CO4	2.5			8.75
CO5		2.5		10
CO6		2.5		8.75
CO7		2.5		8.75
CO8		2.5		10

Course Code: EL22	Course Name: Device Models & Circuit Simulation	L	T	P	C
		4	0	0	4
Year and Semester	1st Year II Semester	Contact hours per week: (4 hrs.) Exam: (3 hrs.)			
Pre-requisite of course	NIL	Evaluation			
		Sessional: 25		Examination: 75	

Course Objectives:

1. To learn the mathematical models of semiconductor devices.
2. To understand the concept of device and circuit simulation using device models.
3. To understand the working of IC building blocks like current mirrors and active resistors.
4. To develop skills for analysing the single stage and differential amplifier circuits.
5. To understand working of operational amplifier configurations..

Course Outcomes: On completion of the course, student would be able to:

CO1	Describe the behavior of semiconductor devices using mathematical models.
CO2	Reproduce the characteristics of semiconductor devices using their models for circuit simulation.
CO3	Design various analog circuits/systems like switches, current mirrors and active resistors and amplifier circuits using MOSFET devices.
CO4	Analyze the performance of MOSFET based analog building blocks in integrated circuits.
CO5	Differentiate the various operational amplifier configurations in term of performance in ICs.

Mapping of Course Outcomes to Program Outcomes:

CO's	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	PS01	PS02	PS03
CO1	3	3	2	2		2	2			--	--	2	2	
CO2	3	3	2	2		2	3			--	--	3	2	
CO3	2	3	2	3		3	3			--	--	3	3	
CO4	2	3	2	3		3	3			--	--	3	3	
CO5	3	3	2	2		3	3			--	--	3	2	

CONTENTS	Hrs.	COs
Unit I Device Modeling, DC models, small signal models, use of device models in circuit analysis, diode models, dc diode model, small signal diode model, HF diode model, BJT models, dc BJT models, small signal BJT model, HF BJT model, MOS models, dc MOSFET model, small signal MOSFET model, HF MOSFET model, short channel Devices, sub-threshold operation, Modeling noise sources in MOSFET's.	10	CO1, CO2

Unit II Circuit simulation, Circuit simulation using SPICE, Diode model, Large signal diode current, HF diode Model, BJT model, HF BJT model, MOSFET Model, Level 1 large signal model, HF MOSFET model, IC Building blocks: switches (BJT & MOS), Active Resistors (BJT & MOS), Current sources and sinks-BJT and MOS as Current Source/Sinks, Widlar Current source, Wilson current source, Current sources as active load. CE/CS amplifier with depletion load, CE/CS amplifier with complementary load.	10	CO3, CO4
Unit III Inverting Amplifiers, General concepts of inverting amplifiers, MOS inverting amplifiers, CMOS Cascode amplifiers: current and voltage driven cascode amplifier, Differential amplifiers-CMOS differential amplifiers, Frequency and noise response of CMOS differential Amplifiers. CMOS output amplifiers with and without feedback.	11	CO3 CO4
Unit IV Operational Amplifiers - Characterization, CMOS two stage OP Amp, OP Amp macro-model, Simulation and measurement of OP Amps, comparators, characterization of comparators, High gain comparators, Propagation delay of two-stage comparators, Comparators using positive feedback, Autozeroing.	9	CO4 CO5

References:

1. VLSI Design Techniques for Analogue and Digital Circuits by R.L. Geiger, P.E. Allen and N.R. Strader.
2. Analysis and Design of Analogue I.C's (2nd edition) by P.R. Gray, R.G. Meyer.
3. The SPICE book by Andrei Vladimirescu.
4. Computer Simulation of Electronic Circuits by Raghuram.

Additional References:

1. Semiconductor Device Modeling with SPICE by P. Antogneth & G. Massobrio.

Note for Examiner(s): There shall be nine questions in total. Question number 1 will be compulsory and will consist of short conceptual type answers covering all the Units. There shall be eight more questions, two from each unit. Students are required to attempt four questions, selecting one from each unit in addition to the compulsory question. All questions will carry equal marks.

1. Instructions for questions papers

Assessment Pattern:

Outcomes	Internal Evaluation (25 Marks)			Semester End Examination (75 Marks)
	Test1	Test2	Assignment/Attendance	SEE
Marks	10	10	5.0	75
CO1	5	-	-	10
CO2	2.5	-	-	15
CO3	2.5	5	-	20
CO4		5	-	20
CO5			5	10

Course Code: EL23	Course Name: Verilog Hardware Description Language	L	T	P	C
		4	0	0	4
Year and Semester	1st Year II Semester	Contact hours per week: (4 hrs.) Exam: (3 hrs.)			
Pre-requisite of course	NIL	Evaluation			
		Sessional: 25	Examination: 75		

Course Objectives:

1. Understand the evolution and role of CAD in design of Digital Circuits and basics of Verilog HDL.
2. To be able to differentiate digital design forms of Gate, Dataflow Switch and Behavirol levels.
3. To be able to design Verilog models using Gate, Dataflow Switch and Behavirol levels.
4. Be able to design a digital circuit using Generate block, tasks and functions.
5. Be able to design a digital circuit according to given delay specifications.
6. To understand the concepts of verification and UDPs.

Course Outcomes: On completion of the course, student will have ability:

CO1	To understand the concept of digital circuit design and basics of Verilog HDL
CO2	To design Verilog models for digital circuits using Gate level, Dataflow and Switch level modeling.
CO3	To design Verilog models for digital circuits using Behavirol level modeling.
CO4	To design Verilog code using Generate blocks, tasks and functions. .
CO5	To incorporate delays in different forms in Verilog models
CO6	To understand the concepts and role of verification and UDPs in Verilog models.

Mapping of Course Outcomes to Program Outcomes:

CO's	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
CO1	3	2		3		2	2					1	1	
CO2	3	3	2	3	3	3	3		3		3	3	3	
CO3	3	3	2	3	3	3	3		3		3	3	3	
CO4	3	2		3		3	2					2	2	
CO5	3	2		3		2	2					2	2	
CO6	3	1		3		2	2					2	2	

CONTENTS	Hrs.	COs
Unit I Benefits of CAD, Integrated circuit design techniques, Hierarchical design, Design abstraction, Computer aided design, Concepts of CPLD, FPGA. Introduction to HDLs, Verilog and its capabilities, Hierarchical Modeling Concepts: Design Methodologies, Modules, Instances, Components of Simulation and Test Bench. Basic Concepts: Lexical Conventions, Data Types, System Tasks and Compiler Directives. Modules and Ports.	9	CO1
Unit II Gate-Level Modeling: Gate Types, Gate Delays. Dataflow Modeling, Continuous Assignments, Delays, Expressions, Operators, and Operands, Operator Types, Switch-Level Modeling: Switch-Modeling Elements.	11	CO2

Unit III Behavioral Modeling: Structured Procedures, Procedural Assignments, Timing Controls, Conditional Statements, Multiway Branching, Loops, Sequential and Parallel Blocks, Generate Blocks. Tasks and Functions.	11	CO3 CO4
Unit IV Timing and Delays, Types of Delay Models, Path Delay Modeling, Timing Checks, Delay Back-Annotation, User-Defined Primitives (brief), Programming Language Interface (brief), Logic Synthesis with Verilog, Synthesis Design Flow, Verification of Gate-Level Netlist. Verification Techniques (brief) : Traditional Verification Flow, Assertion Checking, Formal Verification	9	CO5 CO6

References:

1. Custom VLSI Microelectronics by Stanley L.Hurst (Prentice Hall 1992)
2. Verilog HDL - Samir Palnitkar (Pearson)
3. A Verilog HDL Primer - J. Bhaskar (Pearson)
4. Modern VLSI Design- A Systems Approach- Wayne Wolf-PTR Prentice Hall-1994

Note for Examiner(s): There shall be nine questions in total. Question number 1 will be compulsory and will consist of short conceptual type answers covering all the Units. There shall be eight more questions, two from each unit. Students are required to attempt four questions, selecting one from each unit in addition to the compulsory question. All questions will carry equal marks.

Assessment Pattern:

Outcomes	Internal Evaluation (25 Marks)			Semester End Examination (75 Marks)
	Test1	Test2	Assignment/Attendance	SEE
Marks	10	10	5.0	75
CO1	2.5	-		5
CO2	2.5			15
CO3	5			15
CO4		5		15
CO5		2.5		15
CO6		2.5		10

Course Code: EL24	Course Name: System Design Using Embedded Processors	L	T	P	C
		4	0	0	4
Year and Semester	1st Year II Semester	Contact hours per week: (4 hrs.) Exam: (3 hrs.)			
Pre-requisite of course	NIL	Evaluation			
		Sessional: 25		Examination: 75	

Course Objectives:

1	To impart knowledge about the basic concepts, structure and functions of embedded systems
2	To impart knowledge about the applications of embedded systems
3	To familiarize the students with 8051 architecture and programming
4	Impart knowledge about the real world interfacing and Real Time operating systems

Course Outcomes: On completion of the course, student will develop

CO1	Ability to design a system, component, or process to meet desired needs within realistic constraints
CO2	Ability to analyze given problem and write programs using 8051 assembly language
CO3	Ability to design interfacing circuits using standard peripherals
CO4	Ability to understand the concepts of interfacing in real world applications
CO5	Ability to understand design and management of RTOS

Mapping of Course Outcomes to Program Outcomes:

CO's	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
CO1	3	1	1	2	1	1	1	--	--	--	--	3	1	--
CO2	3	1	1	3	1	1	1	--	--	--	--	3	1	--
CO3	3	1	1	2	1	1	1	--	--	--	--	3	1	--
CO4	3	1	1	2	1	1	1	--	--	--	--	3	1	--
CO5	3	1	1	2	1	1	1	--	--	--	--	3	1	--

CONTENTS	Hrs	COs
Unit I Introduction to Embedded Systems: Definition, Processor embedded into a system, embedded hardware units and devices into a system, embedded software in a system, examples of Embedded systems, Embedded SOC and Use of VLSI Circuit Design Technology, Complex Systems Design and Processes, Design Process in Embedded System, Formalization of System Design, Design Process and Design Examples, Classification of Embedded Systems, Skills Required for an Embedded System Design	10	CO1
Unit II Difference between Microprocessor and Microcontroller. <i>8051 Microcontroller:</i> Architecture: CPU Block diagram, Memory Organization, Program memory, Data Memory, Interrupts, Peripherals: Timers, Serial Port, I/O Port Programming: Addressing Modes, Instruction Set, Programming. <i>Microcontroller based System Design:</i> Introduction, A microcontroller	10	CO2 CO3

specification, microcontroller design, testing the design, timing subroutines and lookup tables. Interfacing of LCD and A/D to 8051.		
Unit III Real World Interfacing, Introduction to Advanced Architectures: 80x86, ARM7, SHARC, DSP Processor and Memory Organization, Instruction Level Parallelism, Performance Metrics, Memory Types, Memory Maps and addresses, Processor and Memory Selection, Device and Communication Buses for Device Network: I/O type examples, serial Communication Devices, Parallel Device Ports, Wireless Devices, Timer and Counting Devices, watchdog Timer, Real Time Clock, Networked Embedded Systems, Internet Enabled Systems.	10	CO4
Unit IV Real Time Operating Systems OS Services, Process Management, Timer Functions, Event Functions, Memory Management, Device File and IO Subsystem Management, Interrupt Routines in RTOS Environment and Handling Interrupt Source Cells, Real-Time operating Systems, Basic Design using an RTOS, RTOS task Scheduling Models, Interrupt latency and Response of the Tasks as performance Metrics, OS Security Issues, Case study of Digital camera Hardware and Software Architecture.	10	CO5

References:

1. Embedded Systems: Architecture, Programming and Design ,2nd Edition, Raj Kamal, Tata-McGraw Hill, 2011.
2. The 8051 Microcontroller and Embedded Systems Using Assembly and C Second Edition, Muhammad Ali Mazidi, Janice Gillispie Mazidi, Rolin D. McKinlay, Pearson.
3. Advanced Microprocessors and Peripherals, 3rd Edition, Ray and Bhurchandi, Tata McGraw Hill, 2006.
4. The 8051 Micro controller 3rd Edition, Keneth Ayala, Cengage Publishers.

Note for Examiner(s): There shall be nine questions in total. Question number 1 will be compulsory and will consist of short conceptual type answers covering all the Units. There shall be eight more questions, two from each unit. Students are required to attempt four questions, selecting one from each unit in addition to the compulsory question. All questions will carry equal marks.

Assessment Pattern:

Outcomes	Internal Evaluation (25 Marks)			Semester End Examination (75 Marks)
	Test1	Test2	Assignment/Attendance	SEE
Marks	10	10	5.0	75
CO1	5	-		20
CO2	5			15
CO3		2.5		10
CO4		2.5		15
CO5		5		15

Course Code: EL25(i)	Course Name: Foundations of MEMS		L	T	P	C
			4	0	0	4
Year and Semester	1st Year II Semester	Contact hours per week: (4 hrs.) Exam: (3 hrs.)				
Pre-requisite of course	NIL	Evaluation				
		Sessional: 25		Examination: 75		

Course Objectives:

1.	Lay foundation for understanding of the state-of-art MEMS technology and explain the influence of scaling and militarization in MEMS
2.	Give exposure to various materials and micromachining techniques used for fabrication of MEMS devices
3.	Introduce different sensing and actuation mechanisms used in MEMS
4.	Introduction of analytical methods for designing some typical MEMS applications

Course Outcomes: On completion of the course, student would be able to:

CO1	Understand the multidisciplinary nature, components, need, principle of operation and applications of MEMS
CO2	Understand various sensing and actuation mechanism used in MEMS devices and compare their merits and demerits.
CO3	Understand the choice of material and fabrication processes for MEMS
CO4	Design their device and simulate their design using MEMS design tools

Mapping of Course Outcomes to Program Outcomes:

CO's	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
CO1	3	3	2	2	1	2	2	--	--	--	--	3	3	-
CO2	3	3	2	3	1	2	2	--	--	--	--	3	3	2
CO3	3	3	2	3	1	2	2	--	--	--	--	3	3	2
CO4	3	3	2	3	1	2	2	--	--	--	--	3	3	2

CONTENTS		Hrs.	COs
Unit I MEMS & Microsystem- Definition, Intrinsic Characteristic of MEMS: Miniaturization, Microelectronics, Integration, Parallel Fabrication with Precision. Sensors and Actuator: Energy Domains and Transducers, Sensor Consideration, Actuator Considerations, Scaling in MEMS		10	CO1 and CO2
Unit II Microfabrication and Material for MEMS: Si as substrate material, mechanical properties of Silicon, Silicon Compounds (SiO ₂ , Si ₃ N ₄ , SiC, polySi, Silicon), Piezoresistors, Piezoelectric crystals, Polymers, Packaging Materials. Micromachining Processes: Overview of microelectronic fabrication processes used in MEMS, Bulk Micromachining, Anisotropic wet etching, DRIE, Etch stop techniques, Surface Micromachining – General description, Case studies using MEMS Design Tools, Special Microfabrication Techniques (Introduction only): LIGA process, Low Temperature Cofired Ceramic (LTCC), HexSil Process, Bonding.		10	CO1, CO3, CO4

Unit III Electrostatic Sensing and Actuation: Introduction, Parallel Plate Capacitor, Actuators based on thermal expansion, Applications- Interital Sensors, flowsensors, Piezoresistive sensors- origin and expressing of piezoresistivity, single crystal Silicon, Polycrystalline Silicon, Stress analysis of Mechanical Elements, Applications: tactile sensor, pressure sensor, few case studies using MEMS Design tools	10	CO1 CO2 CO4
Unit IV Piezoelectric Sensing and Actuation-Introduction: Mathematics Description of Piezoelectric Effects, Cantilever Piezoelectric Actuator Model, Application: Acoustic sensor Microfluidics- Motivation, Essential Biology concepts, Basic fluid Mechanic Concepts, Design and fabrication of Selected components channels, valves Case studies of selected MEMS Products: Blood pressure sensor, Microphone, acceleration sensor, gyros, few case studies using MEMS Design Tools	10	CO1 CO2 CO3 CO4

References

1. Foundations of MEMS, Liu, Pearson India
2. Microfabrication by Marc Madaon, CRC Press
3. MEMS & Microsystems Design and Manufacture by Tai-Ran H Su, Tata Mcgraw
4. Microsystem Design by S.D. Senturia, Ruiwer Academic Publisher

Note for Examiner(s): Instructions: There shall be nine questions in total. Question number 1 will be compulsory and will consist of short conceptual type answers covering all the Units. There shall be eight more questions, two from each unit. Students are required to attempt four questions, selecting one from each unit in addition to the compulsory question. All questions will carry equal marks.

Assessment Pattern:

Outcomes	Internal Evaluation (25 Marks)			Semester End Examination (75 Marks)
	Test1	Test2	Assignment/Attendance	SEE
Marks	10	10	5.0	75
CO1	5	-	-	20
CO2	5	2.5	-	25
CO3		5		20
CO4		2.5		10

Course Code: EL25(ii)	Course Name: Nano Electronics– Materials & Devices	L	T	P	C
		4	0	0	4
Year and Semester	1st Year II Semester	Contact hours per week: (4 hrs.) Exam: (3 hrs.)			
Pre-requisite of course	NIL	Evaluation			
		Sessional: 25		Examination: 75	

Course Objectives:

1.	To know about technological issues involved in nano scale devices
2.	To learn about concept and applications of charge confinement in low dimensional structures
3.	To understand the synthesis process for nano-electronic structures
4.	To understand the techniques for characterization of nanoelectronic structures

Course Outcomes: On completion of the course, student would be able to:

CO1	Understand various issues related to nanoscale electronic devices.
CO2	Compare various techniques for creating low dimensional semiconductor nanostructures
CO3	Synthesize nanostructures/devices for electronics applications.
CO4	Explain the techniques used for characterization of nano electronic structures

Mapping of Course Outcomes to Program Outcomes:

CO's	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
CO1	3	3	2	2		2	2			--	--	2	2	
CO2	3	3	2	2		2	3			--	--	3	2	
CO3	2	3	2	3		3	3			--	--	3	3	
CO4	2	3	2	3		3	3			--	--	3	3	

CONTENTS	Hrs.	COs
Unit I Overview of progress of microelectronics worldwide. International technology roadmap characteristics. CMOS scaling. Nanoscale MOSFET, FinFET, vertical MOSFETS's limits of CMOS technology. Materials & processes for advanced sub 65nm CMOS technology. From microelectronics towards nanoelectronics. Novel approaches towards future devices. Introduction to nanotechnology and nanomaterials. Applications in different fields. Bottom up and top down approaches.	10	CO1
Unit II Top Down Approaches: Semiconductor Low dimensional systems- Two dimensional confinement of carriers, Quantum wells, One dimensional Quantum systems; quantum wires, Zero dimensional quantum structures: Quantum Dots. Quantum devices: Resonant tunneling diode & transistor. Coulomb Blockade, Single Electron Transistor, Introduction to Spintronics, Material requirements for spintronics, Spin devices: Spin Transistor, Spin values etc. Quantum computation.	10	CO1, CO2
Unit III Bottom up Approaches: Molecular Electronics involving single molecules as electronic devices, chemical approaches to nanostructure materials. Band structures and transport in the molecular	10	CO3

system. Molecular switches and logic gates. Molecular interconnects. Carbon nanotubes, structures and synthesis, growth mechanism and properties, devices applications. Nanowires: synthesis and characterization.		
Unit IV Nanofabrication: Thin film techniques, MBE, CVD, PECVD, Sol gel, Plasma arching electrodeposition, ball milling, atomic layer deposition, self-assembly, template manufacturing, spray pyrolysis. Nanomanipulation and nano lithography: E-beam and nano imprint lithography, advanced nanolithography, High resolution nanolithography, Dip-Pen lithography, AFM Lithography.	10	CO4

References

1. “Nanoelectronics and Information Technology”, (Advanced Electronic and Novel Devices), Waser Ranier, Wiley- VCH (2003)
2. “The Physics of Low-dimensional Semiconductors”. John H. Davies, Cambridge University Press, 1998.
3. “Introduction to Nano Technology”, John Wiley & Sons, 2003.
4. “Introduction to Molecular Electronics”, M.C. Petty, M.R.Bryce, and D.Bloor, Edward Arnold (1995).
5. “Quantum Hetrostructures”, V.Mitin, V. Kochelap, and M.Stroscio, Cambridge University Press.

Note for Examiner(s): Instructions: There shall be nine questions in total. Question number 1 will be compulsory and will consist of short conceptual type answers covering all the Units. There shall be eight more questions, two from each unit. Students are required to attempt four questions, selecting one from each unit in addition to the compulsory question. All questions will carry equal marks.

Assessment Pattern:

Outcomes	Internal Evaluation (25 Marks)			Semester End Examination (75 Marks)
	Test1	Test2	Assignment/Attendance	SEE
Marks	10	10	5.0	75
CO1	5	-	-	20
CO2	5	2.5	-	20
CO3		5		25
CO4		2.5		10

Course Code: EL25(iii)	Course Name: Materials for VLSI		L	T	P	C
			4	0	0	4
Year and Semester	1st Year II Semester	Contact hours per week: (4 hrs.) Exam: (3 hrs.)				
Pre-requisite of course	NIL	Evaluation				
		Sessional: 25		Examination: 75		

Course Objectives:

1.	Basic knowledge of materials used in the fabrication of VLSI chips
2.	Exposure to properties of various materials used in the fabrication technology
3.	Basic concept of silicon wafer; processing & applications in VLSI chips
4.	Introduction of the role of various materials processing techniques used in IC fabrication

Course Outcomes: On completion of the course, student would be able to:

CO1	Understand the role of various materials used in VLSI fabrication technology
CO2	Understand various mechanism of the process technology for physical implementation of different materials in IC Fabrication
CO3	Analyze the choice of material and fabrication processes for IC Fabrication
CO4	Skill to conduct research on new materials for VLSI and able to work in IC fabrication laboratory

Mapping of Course Outcomes to Program Outcomes:

CO's	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
CO1	3	3	2	2	1	2	2	--	--	--	--	3	3	-
CO2	3	3	2	3	1	2	2	--	--	--	--	3	3	2
CO3	3	3	2	3	1	2	2	--	--	--	--	3	3	2
CO4	3	3	2	3	1	2	2	--	--	--	--	3	3	2

CONTENTS		Hrs.	COs
Unit I Silicon Crystal growth and wafer preparations, starting materials, Metallurgical grade silicon, Polycrystalline Silicon, Single Crystal growth, Introduction, Float-Zone method, Czochralski method, Impurities, impurity inhomogeneity, Wafer shaping process cleaning mechanical properties of the wafer.		10	CO1, CO2, CO3
Unit II Silicon wafer criteria for VLSI/ULSI technology, High technology silicon wafer concept, VLSI/ULSI wafer characteristics, structural and chemical and mechanical characteristics, Deposited films. Polysilicon, Deposition variables, structure, Doping polysilicon, oxidation of polysilicon, properties of Polysilicon, Silicon dioxide, deposition methods, Deposition variable, Step coverage, p-glass flow, properties of silicon dioxide.		10	CO1, CO3, CO4
Unit III Silicon nitride, nitride properties of silicon nitride, plasma-assisted deposition, deposition variable, properties of plasma assisted deposited filing, other material, materials for contacts and interconnects, Metallization, Applications, gates and interconnections, Ohmic contacts, Metallization choices, Metals or allays, properties, stability and semiconductor and insulating, patterning, Self-aligned silicides.		10	CO1 CO2 CO4

Unit IV Metallization problem, deposition, processing, metallurgical and chemical interactions, electro-migration, New role of metallization, multilevel structures, epitaxial metals, diffusion barriers and redundant metal links, Assembly and packaging of VLSI devices package types, packaging design considerations, thermal design considerations, electrical considerations, mechanical design considerations, VLSI assembly technologies, wafer preparation, die-banding, wire bonding, package fabrication technologies ceramic package, glass-sealed refractory package, plastic molding technology molding process, special package considerations.	10	CO1 CO2 CO3 CO4
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References:

1. Semiconductor Silicon Crystal Technology, Fumio Shimura, academic Press, Inc.
2. VLSI Technology, SM Sze, McGraw Hill International Ed.

Note for Examiner(s): Instructions: There shall be nine questions in total. Question number 1 will be compulsory and will consist of short conceptual type answers covering all the Units. There shall be eight more questions, two from each unit. Students are required to attempt four questions, selecting one from each unit in addition to the compulsory question. All questions will carry equal marks.

Assessment Pattern:

Outcomes	Internal Evaluation (25 Marks)			Semester End Examination (75 Marks)
	Test1	Test2	Assignment/Attendance	SEE
Marks	10	10	5.0	75
CO1	5	-	-	20
CO2	5	2.5	-	20
CO3		5		25
CO4		2.5		10

Course Code: EL26	Course Name: Electronic Circuits Simulation & Microcontroller Lab	L	T	P	C
		0	0	16	8
Year and Semester	1st Year II Semester	Contact hours per week: (4 hrs.) Exam: (4 hrs.)			
Pre-requisite of course	NIL	Evaluation			
		Sessional: 25		Examination: 75	

Course Objectives:

1	To learn about simulation tools used in the designing of electronic circuits and systems
2	To perform simulations of various analog circuits involving semiconductor devices
3	To use a standard IDE for editing, compiling, debugging and simulation of microcontroller programs
4	To learn about the basics of interfacing of various peripheral devices to the microcontroller systems
5	To learn use of cutting edge simulations tools in the specialized areas.
6	To Analyze and interpret experimental data
7	To know how to present the results of experiments

Course Outcomes: On completion of the course, student would be able to:

CO1	Familiarize with Simulation Tools, Test Benches used in electronic design
CO2	Perform the simulation of analog electronic circuits involving BJT/MOSFET Devices
CO3	Be proficient in use of IDE's for designing, testing of microcontroller based system
CO4	Interface various I/O devices and design and evaluate systems that will provide solutions to real-world problem
CO5	Operate Cutting edge simulation tools in the specialized areas like MEMS/Nanoelectronics/VLSI etc.
CO6	Analyze & Interpret the data obtained in the experiments.
CO7	Present the experimental results and conclusions in the form of written report in clear and concise manner.

Mapping of Course Outcomes to Program Outcomes:

CO's	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
CO1	1	2		3	2	3	3		2	1	1	3	3	3
CO2	1	2		3	2	3	3		2	1	1	2	3	3
CO3	1	2		3	2	3	3		2	1	1	3	3	3
CO4	1	2		3	2	3	2		2	1	1	2	3	3
CO5		2		3	2	3		2	2	1	1			
CO6			3		2					1				

Experiments list to be decided by department as per COs

Course Code: EL27	Course Name: IC Processing & Characterization lab	L	T	P	C
		0	0	16	8
Year and Semester	1st Year II Semester	Contact hours per week: (4 hrs.) Exam: (4 hrs.)			
Pre-requisite of course	NIL	Evaluation			
		Sessional: 25		Examination: 75	

Course Objectives:

1	To learn about various semiconductor materials characterization techniques
2	To learn about the semiconductor device parameters like junction capacitance etc.
3	To know about optoelectronic device characterization.
4	To learn about equipment used for thin film deposition techniques for device fabrication
5	To Analyze and interpret experimental data
6	To know how to present the results of experiments

Course Outcomes: On completion of the course, student would be able to:

CO1	Evaluate the semiconductor materials with the help of important parameters like band gap, conductivity value and its type
CO2	Extract semiconductor devices parameters.
CO3	Characterize optoelectronic devices like solar cell, LED and photodetectors etc.
CO4	Operate physical vapor deposition equipment for deposition of thin films for semiconductor device fabrication
CO5	Analyze & Interpret the data obtained in the experiments.
CO6	Present the experimental results and conclusions in the form of written report in clear and concise manner.

Mapping of Course Outcomes to Program Outcomes:

CO's	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
CO1	1	2		3	2	3	3		2	1	1	3	3	3
CO2	1	2		3	2	3	3		2	1	1	2	3	3
CO3	1	2		3	2	3	3		2	1	1	3	3	3
CO4	1	2		3	2	3	2		2	1	1	2	3	3
CO5		2		3	2	3		2	2	1	1			
CO6			3		2					1				

Experiments list to be decided by department as per COs

Kurukshetra University, Kurukshetra

(Established by the State Legislature Act XII of 1956)

('A+' Grade, NAAC Accredited)

॥ योगस्थः कुरु कर्माणि ॥
समबुद्धि व योग युक्त होकर कर्म करो

(Perform Actions while Stead fasting in the State of Yoga)



DEPARTMENT OF ELECTRONIC SCINENCE

CBCS CURRICULUM (2020 -21)

Program Name: M. Tech.-Microelectronics and VLSI Design
(For the Batches Admitted From 2020-2021)

OUTCOME BASED EDUCATION SYSTEM

CBCS CURRICULUM (2020-21)

**Program Name: M. Tech.-Microelectronics and VLSI Design
(For the Batches Admitted From 2020-21)**

VISION

Be globally acknowledged as a distinguished centre of academic excellence.

MISSION

To prepare a class of proficient scholars and professionals with ingrained human values and commitment to expand the frontiers of knowledge for the advancement of society.

DEPARTMENT VISION AND MISSION

VISION

- To become a model department as a Centre of quality education, research with innovation and recognition at National and International level for serving society.

MISSION

- M1: To provide quality education to aspiring young minds for improving their scientific knowledge and technical skills in the area of Electronic Science.
- M2: To produce socially committed trained professionals who can contribute effectively to the advancement of their organization and society through their scientific knowledge.
- M3: To foster innovation in Electronic Science and allied areas by collaborating with industry and other R& D organizations.

Mapping of University Vision and Mission to Department Vision and Mission

Acclaimed as centre of academic excellence and collaborative research by

University Vision and Mission	Department Vision and Mission
High quality knowledge delivery through state of art infrastructure and ethical values to the students	Yes
Students excellence will make them professionals and innovators emerging as global leaders	Yes
Research and development will help in furtherance of Faculty knowledge	Yes

Programme Educational Objectives (PEOs):

The Department of Electronic Science in consultation with various stakeholders have formulated the Programme Educational Objectives (PEO's). These PEO's of the M. Tech.

Microelectronics and VLSI Design programme are as follows:

- **PEO1:** To train the students to make them capable of exploiting and enhancing theoretical and practical knowledge in domains of Microelectronics and VLSI Design.
- **PEO2:** Students are trained to develop practical and efficient solutions to the challenges of designing and generating GDS files for digital, analog and mixed signal integrated circuits using appropriate EDA tools, computational techniques, and algorithms.
- **PEO3:** To perceive lifelong learning as a means of enhancing knowledge base and skills necessary to become a successful professional or entrepreneur in the domain and contribute towards the growth of community as well as society.

Program Specific Outcomes (PSO's):

PSO1: Ability to use the techniques, skills, and modern VLSI Design tools necessary for Electronic System Designs.

PSO2: Ability to apply the knowledge of electronics to design and implement complex VLSI systems.

PSO3: Ability to design and conduct experiments based on Microelectronics & VLSI, as well as to analyze and interpret data.

PEOs to Mission statement mapping

PEO's	MISSION OF THE DEPARTMENT		
	M1	M2	M3
PEO1	3	3	1
PEO2	2	3	2
PEO3	1	2	3

Program Outcomes (PO) with Graduate Attributes

The Graduate Attributes are identified by National Board of Accreditation. The Programme Outcomes are attributes of the graduates from the programme that indicates the graduates' ability and competence to work and the skills as well that the students acquire from the programme. Program Outcomes are statements that describe what students are expected to know or do by the time of graduation, they must relate to knowledge and skills that the students acquire from the programme. The achievement of all outcomes indicates that the student is well prepared to achieve the program educational objectives down the road. The course syllabi and the overall curriculum are designed to achieve the following outcomes during M.Tech in Microelectronics and VLSI Design:

S. No	Graduate Attributes	Program Outcomes (POs)
1	Knowledge	PO1: Capability of demonstrating comprehensive disciplinary knowledge gained during course of study

2	Research Aptitude	PO2: Capability to ask relevant/appropriate questions for identifying, formulating and analyzing the research problems and to draw conclusion from the analysis.
3	Communication	PO3: Ability to communicate effectively on general and scientific topics with the scientific community and with society at large
4	Problem Solving	PO4: Capability of applying knowledge to solve scientific and other problems
5	Individual and Team Work	PO5: Capable to learn and work effectively as an individual, and as a member or leader in diverse teams, in multidisciplinary settings.
6	Investigation of Problems	PO6: Ability of critical thinking, analytical reasoning and research based knowledge including design of experiments, analysis and interpretation of data to provide conclusions
7	Modern Tool Design	PO7: ability to use and learn techniques, skills and modern tools for scientific practices
8	Science and Society	PO8: Ability to apply reasoning to assess the different issues related to society and the consequent responsibilities relevant to professional scientific practices
9	Life-Long Learning	PO9: Aptitude to apply knowledge and skills that are necessary for participating in learning activities throughout life.
10	Ethics	PO10: Capability to identify and apply ethical issues related to one's work; avoid unethical behavior such as fabrication of data, committing plagiarism and unbiased truthful actions in all aspects of work.
11	Project Management	PO11: Ability to demonstrate knowledge and understanding of the scientific principles and apply these to manage projects.

Mapping of PEO's with PO's

S. No.	Program Educational Objectives	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
1	To train the students to make them capable of exploiting and enhancing theoretical and practical knowledge in domains of Microelectronics and VLSI Design.	√	√	√	√		√	√		√		√	√	√	√
2	Students are trained to develop practical and efficient solutions to the challenges of designing and generating GDS files for digital, analog and mixed signal integrated circuits using appropriate EDA tools, computational techniques, and algorithms.	√	√			√	√			√	√		√	√	√
3	To perceive lifelong learning as a means of enhancing knowledge base and skills necessary to become a successful professional or entrepreneur in the domain and contribute towards the growth of community as well as society.			√	√		√	√	√	√	√	√	√	√	

Kurukshetra University, Kurukshetra
Scheme of Examination & Syllabus of M.Tech. (Microelectronics & VLSI Design) (CBCS)
(I to IV Semesters) w.e.f. Session 2020-2021 (in phased manner)

Course	Name of the Subject	Workload Hours per week	Hours/Week Credit		Internal Assessment Marks	Exam/ Practical Marks	Total Credits	Duration of Exam
			L	P				
I Semester								
MMVD 101	Process Technology for ULSI –I	4	4	0	40	60	4	3 Hrs.
MMVD 102	MOSFET Physics and Sub-Micron Device Modeling	4	4	0	40	60	4	3 Hrs.
MMVD 103	VLSI Design	4	4	0	40	60	4	3 Hrs.
MMVD 104	Digital Signal Processing	4	4	0	40	60	4	3 Hrs.
MMVD 105	Lab Work – I	16	0	8	40	60	8	4 Hrs.
					200	300		
			Total		500		24	
II Semester								
MMVD 201	Process Technology for ULSI –II	4	4	0	40	60	4	3 Hrs.
MMVD 202	Embedded System Design using 8051	4	4	0	40	60	4	3 Hrs.
MMVD 203	Analog CMOS Integrated Circuits	4	4	0	40	60	4	3 Hrs.
MMVD 204	Verilog - Hardware Description Language	4	4	0	40	60	4	3 Hrs.
MMVD 205	Lab Work – II	16	0	8	40	60	8	4 Hrs.
					200	300		
			Total		500		24	
III Semester								
MMVD 301	Program Elective-I*	4	4	0	40	60	4	3 Hrs.
MMVD 302	Program Electives-I*	4	4	0	40	60	4	3 Hrs.
MMVD 303	Program Electives-I*	4	4	0	40	60	4	3 Hrs.
MMVD 304	Minor Project**	16	0	8	0	100	8	4 Hrs.
					120	280		
			Total		400		20	
IV Semester								
MMVD 401	Project Dissertation - Evaluation & Viva Voce **		0	0	0	300	20	
			Total				20	

*For each of the following three courses student can opt any one subject from Program Elective I or Program Elective II.

Course	Program Elective – I	Program Elective – II
MMVD 301	Micro Electro Mechanical Systems (MEMS)	RF Microelectronics
MMVD 302	Embedded System Design using ARM	Digital System Testing and Fault Simulation
MMVD 303	Nano Science & Technology	Digital Signal Processing in VLSI

* Note: Minor project will be a kind of open ended problem based project. Topic/Title will be chosen by the students in the relevance of the studied courses during M.Tech.(MMVD). The evaluation for Minor Project will be based on the presentation /Viva-Voce given by student to examiners appointed by the PG Board of studies.

** Note: The Project is to be carried out for six month during Jan-June in an Industry or Institute of repute or in the Department labs. The students are required to submit a dissertation. Evaluation will be done by examiners appointed by the PG Board of studies and will be based on the dissertation and Viva-Voce. These will be acceptance with grades (grade 'A', grade 'B' and Grade 'C') or rejection of project thesis. In theory papers, the internal assessment will be based on two class tests, one assignment and attendance in the class as per the classification given in academic ordinance for M.Tech. Courses. Where two teachers are teaching the subject, average of the tests and assignments will be considered.

CBCS CURRICULUM (2020 -21)
Program Name: M. Tech (Microelectronics and VLSI Design)

Course Code: MMVD 101	Course Name: Process Technology for ULSI – I	L	T	P	C
		4	0	0	4
Year and Semester	1st Year 1st Semester	Contact hours per week: (4 Hrs.) Exam: (3 Hrs.)			
Pre-requisite of course	NIL	Evaluation			
		Internal Assessment: 40		Theory Examination: 60	

Course Objectives:

1. To learn the concepts of clean room environment for Fabrication of integrated circuits.
2. To understand the theory and concept of cleaning process for silicon and other wafers for IC fabrication
3. To develop skills for simulating the various fabrication processes.
4. To understand the process integration flow for different IC fabrication technologies.

Course Outcomes:

CO1	Describe the requirements of cleanrooms for IC fabrication
CO2	Implement the Silicon wafer cleaning process for device fabrication.
CO3	Design and simulate the fabrication processes required for IC fabrication.
CO4	Explain process integration flow for different IC fabrication technologies.

Mapping of Course Outcomes to Program Outcomes:

CO's	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
CO1	3	3	2	2	2	3	3	2	3	--	--	2	2	2
CO2	3	3	2	3	2	3	3	2	2	--	--	3	2	3
CO3	3	3	2	3	3	3	3	3	2	--	2	3	3	3
CO4	3	3	3	2	3	3	3	3	3	--	2	3	3	3

CONTENTS	Hrs.	COs
Unit I Clean Room Technology, Clean Room Classifications, Design concepts, Clean Room Installations and Operations, Automation related facility systems, future trends.	8	CO1
Unit II Wafer Cleaning Technology - Basic Concepts, Wet cleaning, Dry cleaning, Epitaxy, Fundamental Aspects, Conventional silicon epitaxy, low temperature, Epitaxy of silicon, selective epitaxial growth of Si, Characterization of epitaxial films.	10	CO2 CO3

Unit III Process simulation, Introduction, Ion-implantation, Monte Carlo method, Diffusion and Oxidation, two-dimensional LOCOS simulation example, Epitaxy, Epitaxial doping model, Lithography, Optical projection lithography, Electron-beam lithography, Etching and deposition, future trends.	11	CO3
Unit IV VLSI Process Integration, Fundamental considerations for IC Processing, building individual layer, integrating the process steps, miniaturizing VLSI circuits, NMOS IC technology, fabrication process sequence, special consideration for NMOS ICs, CMOS IC technology, Fabrication Process sequence, special considerations for CMOS ICs, MOS memory IC technology, dynamic memory, static memory, bipolar IC technology, fabrication process sequence, special considerations for bipolar ICs, Self-aligned bipolar structures, Integrated injection logic, IC fabrication, process monitoring future trends.	11	CO4

Reference:

1. VLSI Technology by S.M.Sze.
2. ULSI Technology by C.Y. Chang and S.M. Sze (McGraw Hill International)

Note for Examiner(s):

There are eight questions in all organized in four sections and each section is having two questions from each of the four units. The candidate shall have to attempt five questions in all, selecting at least one question from each unit.

Assessment Pattern:

Outcomes	Internal Evaluation (40 Marks)				Semester End Examination (60 Marks)
	Test1	Test2	Test 3	Assignment(5)+Attendance(5)	SEE
Marks	15	15	15	10	60
CO1	15	--	--	--	15
CO2	--	15	--	--	15
CO3	--	--	10	--	15
CO4	--	--	5	5	15

Course Code: MMVD 102	Course Name: MOSFET Physics and Sub-Micron Device Modeling	L 4	T 0	P 0	C 4
Year and Semester	1st Year 1st Semester	Contact hours per week: (4 Hrs.) Exam: (3 Hrs.)			
Pre-requisite of course	NIL	Evaluation			
		Internal Assessment: 40		Theory Examination: 60	

Course Objectives:

1. To learn the concepts of semiconductor electronic properties based on energy band structure
2. To analyse the significance of electron and hole concentrations and Fermi level in semiconductors.
3. To develop skills for constructing energy band diagrams for semiconductor structures and devices.
4. To learn I-V and C-V characteristics of MOS.
5. To learn second order effects in MOSFET
6. To learn about the Nonconventional MOSFET devices
7. To learn the EDA tools to understand the second order effects.

Course Outcomes:

CO1	Understand the physics of semiconductor devices.
CO2	Analyze the different parameters responsible for the performance of a semiconductor device.
CO3	Differentiate the conduction mechanism of semiconductor devices based upon their energy band diagram.
CO4	Extract the parameters from the I-V and C-V characteristic curves of MOS device.
CO5	Understand the second order effects in MOSFET
CO6	Differentiate the working of different Non-conventional MOS devices
CO7	Simulate the second order effects in MOSFET devices.

Mapping of Course Outcomes to Program Outcomes:

CO's	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
CO1	3	3	3	2	2	3	3	2	2	--	--	2	2	2
CO2	3	3	2	3	2	3	3	2	3	--	--	3	2	3
CO3	3	3	2	2	3	3	3	3	2	--	--	3	3	3
CO4	3	3	3	3	3	3	3	2	3			3	3	3
CO5	3	3	2	3		3	3	3	3	--	--	3	2	3
CO6	3	3	3		3		3	3	3	--	--	3	2	3
CO7	3	3	3	2	3	3	3	3	3	--	--	2	3	3

CONTENTS	Hrs.	COs
Unit I Metal Semiconductor contacts – idealized Metal, Semiconductor junction, current voltage characteristics of schottky barrier, ohmic contacts, surface effects, MOS electronics, capacitance of the MOS system, non-ideal MOS system. Basic MOSFET behavior, Channel length modulation, Body bias effect, Threshold voltage adjustment, Sub threshold conduction.	10	CO1 CO2
Unit II Limitation of long channel analysis, short channel effects, mobility degradation, velocity saturation, drain current in short channel MOSFETS, MOSFET scaling and short channel model, CMOS devices, MOSFET scaling goals, gate coupling, velocity overshoot, high field effects in scaled MOSFETs, substrate current, hot carrier effects, effects of substrate current on drain current, gate current in scaled MOSFETS.	10	CO2 CO3 CO4
Unit III Moore law, Technology nodes and ITRS, Physical & Technological Challenges to scaling, Nonconventional MOSFET – (FDSOI, SOI, Multi-gate MOSFETs).	10	CO6
Unit IV Numerical Simulation, basic concepts of simulations, grids, device simulation and challenges. Importance of Semiconductor Device Simulators - Key Elements of Physical Device Simulation, Historical Development of the Physical Device Modeling. Introduction to the Silvaco ATLAS Simulation Tool, Examples of Silvaco ATLAS Simulations – MOSFETs and SOI.	10	CO5 CO7

Reference:

1. Device Electronics for Integrated circuits by Muller and Kammins.
2. Computational Electronics by Dragica Vasileska and Stephen M. Goodnick.
3. Silicon Nanoelectronics – Shundri Oda & David Ferry, CRC Press

Note for Examiner(s):

There are eight questions in all organized in four sections and each section is having two questions from each of the four units. The candidate shall have to attempt five questions in all, selecting at least one question from each unit.

Assessment Pattern:

Outcomes	Internal Evaluation (40 Marks)				Semester End Examination (60 Marks)
	Test1	Test2	Test 3	Assignment(5)+Attendance(5)	SEE
Marks	15	15	15	10	60
CO1	10	--	--	--	5
CO2	5	5	--	--	10
CO3	--	5	--	--	5
CO4	--	5	--	5	10
CO5			5		10
CO6			5		10
CO7			5		10

Course Code: MMVD 103	Course Name: VLSI Design		L	T	P	C
			4	0	0	4
Year and Semester	1st Year 1st Semester	Contact hours per week: (4 Hrs.) Exam: (3 Hrs.)				
Pre-requisite of course	NIL	Evaluation				
		Internal Assessment: 40		Theory Examination: 60		

Course Objectives:

1. To Understand design methodologies and techniques applicable to VLSI technology.
2. Ability to design logic circuit layouts for both static CMOS and dynamic clocked CMOS circuits
3. Advance the knowledge and understanding of current developments in VLSI technology

Course Outcomes:

CO1	Design CMOS inverters with specified noise margin and propagation delay.
CO2	Design and optimize the combinational logic and sequential logic as well.
CO3	Implement efficient techniques at circuit level for improving power and speed of combinational and sequential circuits.
CO4	Design and optimize Sub-systems.

Mapping of Course Outcomes to Program Outcomes:

CO's	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
CO1	3	1	1	3	2	2	3		2	--	--	3	3	2
CO2	3	2	1	3	2	2	3		2	--	--	3	3	2
CO3	3	3	1	3	2	2	3		2	--	--	3	3	2
CO4	3	3	1	3	2	2	2		2	--	--	3	3	2

CONTENTS	Hrs.	COs
Unit I Transistors and layouts - Transistors, Wires and Vias, Design Rules, Layout Design and Stick Diagrams - example, Logic Gate – Pseudo NMOS, DCVS, Domino. Delay through Resistive Interconnect. CMOS Inverter: Basic Circuit and DC Operation – DC Characteristics.	11	CO1
Unit II Inverter Switching Characteristics- Static behavior– Switching threshold, Noise Margin, CMOS Inverter Dynamic Behavior- capacitances, propagation delay - High-to-Low time, Low to High time, Sources of Power Consumption, Power Consumption Static and dynamic. Logic Gate - Switch Logic.	10	CO3

Unit III Combinational Logic Design- Standard cell based layout, CMOS Logic Circuits – CMOS NOR, NAND, Combinational network delays – Fan out, path delay, transistor sizing, cross talk minimization, power optimization. CMOS Transmission Gate (Pass gates). Sequential Logic design – Setup and hold time, SR latch circuit, clocked latch and flip flop circuits.	10	CO2
Unit IV Sub system design, Design Principles, Adders, ALUs, High Density Memory, ROM, Static RAM case study of 4-M bit SRAM. FPGAs, PLAs. Floor Planning, Methods of Floor Planning, Chip Connections.	9	CO4

References:

1. Modern VLSI Design Systems on Silicon by Wayne Wolf (Pearson Education Asia)
2. CMOS Digital Integrated circuits- Analysis and design by Sung- Mo Kang and Yusuf Leblebici - MGH
3. Digital Integrated Circuits-(A design perspective) Jan M. Rabaey-P.M.I
4. Basic VLSI design-(Systems and Units (2nd edition) Pucknell & Eshraghian (PHI)
5. CMOS/BiCMOS VLSI by Yeo (Pearson).

Note for Examiner(s):

There are eight questions in all organized in four sections and each section is having two questions from each of the four units. The candidate shall have to attempt five questions in all, selecting at least one question from each unit.

Assessment Pattern:

Outcomes	Internal Evaluation (40 Marks)				Semester End Examination (60 Marks)
	Test1	Test2	Test 3	Assignment(5)+Attendance(5)	SEE
Marks	15	15	15	10	60
CO1	10	--	--	--	15
CO2	5	10	--	--	15
CO3	--	5	10	--	15
CO4	--	--	5	5	15

Course Code: MMVD 104	Course Name: Digital Signal Processing	L	T	P	C
		4	0	0	4
Year and Semester	1st Year 1st Semester	Contact hours per week: (4 Hrs.) Exam: (3 Hrs.)			
Pre-requisite of course	NIL	Evaluation			
		Internal Assessment: 40		Theory Examination: 60	

Course Objectives:

1. To learn the basic of Characterization and Classification of signals.
2. To understand the concept of typical signals, Typical signal Processing applications, Digital Signal Processing requirements.
3. To understand the Discrete time signals and systems and Time domain characterization of LTI Discrete- time systems
4. To develop skills for to compute the z-transform of a sequence, identify its region of convergence, and compute the inverse z-transform.
5. To understand the concept and fundamentals of digital filter design

Course Outcomes: On completion of the course, student would be able to:

CO1	Understand the basic of Characterization and Classification of signals.
CO2	Understand Significance of DSP through practical life examples.
CO3	Compute the linear convolution of two sequences using DFT.
CO4	Compute the z-transform of a sequence, identify its region of convergence, and compute the inverse z-transform by partial fractions.
CO5	Understand the fundamentals of digital filter design.

Mapping of Course Outcomes to Program Outcomes:

CO's	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
CO1	3	3	3	2	2	3	3	2	2	--	--	2	2	2
CO2	3	3	2	3	2	3	3	2	2	--	--	3	2	2
CO3	3	3	3	2	3	3	2	2	2	--	--	3	3	2
CO4	3	3	2	2	2	3	3	2	2	--	--	2	2	2
CO5	3	3	3	2	2	3	3	2	2	--	--	2	2	2

CONTENTS	Hrs.	COs
Unit I Characterization and Classification of signals, typical signal processing operation. Examples of typical signals, Typical signal Processing Applications, Need of Digital Signal Processing.	10	CO1 CO2

Unit II Time Domain Representation of Signals and System- Discrete time signals, Operation on sequences, Discrete time systems, Time domain characterization of LTI Discrete- time systems, State-space Representation of LTI Discrete Time Systems.	10	CO3
Unit III The Discrete-Time Fourier Transform, Discrete Fourier Transform, Discrete Fourier Transform Properties, The z-transform, The inverse z-transform, Properties of z transform, Transform Domain Representations of LTI Systems- The frequency Response, transfer function.	10	CO4
Unit IV Digital Filter Structure- Block diagram Representation, signal-flow-graph representation, equivalent structures, Basic FIR Digital Filter Structures, Basic IIR Filter structures. Digital Filter Design- Low Pass IIR Digital Filter Design Examples	10	CO4 CO5

References:

1. Digital Signal Processing by Sanjit K.Mitra (TMH)
2. Digital Signal Processing by S. Salivahanan, A. Vallavaraj, Tata McGraw-Hill.
3. Digital Signal Processing by John G. Prokakis and Dimitris K Manolakis (Pearson)
4. Introduction to Digital Signal Processing by Johnson (PHI)
5. Digital Signal Processing: Theory, Analysis and Digital Filter Design by Nair (PHI)

Note for Examiner(s):

There are eight questions in all organized in four sections and each section is having two questions from each of the four units. The candidate shall have to attempt five questions in all, selecting at least one question from each unit.

Assessment Pattern:

Outcomes	Internal Evaluation (40 Marks)				Semester End Examination (60 Marks)
	Test1	Test2	Test 3	Assignment(5)+Attendance(5)	SEE
Marks	15	15	15	10	60
CO1	10	--	--	--	10
CO2	5	--	--	--	5
CO3	--	15	--	--	15
CO4	--	--	10	5	15
CO5			5		15

Course Code: MMVD 105	Course Name: Lab Work I		L	T	P	C
			0	0	16	8
Year and Semester	1st Year 1st Semester	Contact hours per week: (16 Hrs.) Exam: (4 Hrs.)				
Pre-requisite of course	NIL	Evaluation				
		Internal Assessment: 40		Theory Examination: 60		

Course Objective:

1. To do hands-on on the cleaning of silicon wafers and physical vapor deposition of various metals on substrates.
2. To simulate the processes involved in fabrication of MOSFET.
3. To design and TCAD simulation of MOSFET at circuit level.
4. To learn basics of LINUX and C programming.
5. To develop the skills for MATLAB coding and simulation of various digital signal processes.
6. To do basic analog circuit simulation using P-SPICE.

Course Outcomes:

CO1	Understand the fundamental concepts of Linux.
CO2	Apply the basic programming skills of C Language in problem solving.
CO3	Simulate various fabrication processes involved in MOSFET.
CO4	Design and simulate MOSFET at circuit level using TCAD tool.
CO5	Apply basic programming skills of MATLAB for solving DSP problems.
CO6	Analog circuit simulation using P-SPICE.

Mapping of Course Outcomes to Program Outcomes:

CO's	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	PS01	PS02	PS03
CO1	3	3	2	2	2	3	2	2	2	3	1	3	3	3
CO2	3	3	2	3	2	3	2	2	2	3	1	3	3	3
CO3	3	3	2	3	2	2	3	2	3	2	1	3	3	3
CO4	3	3	2	2	3	2	3	2	3	2	1	3	3	3
CO5	3	3	2	2	3	3	3	2	2	2	1	3	3	3
CO6	3	3	2	2	2	3	3	2	2	2	1	3	3	3

Course Contents:

Perform all of the following experiments:

1. Cleaning and testing of silicon wafer and Metallization for contacts and interconnects.
2. Design & Process Simulation of MOSFET using Athena.
3. Design and simulation of MOSFET inverters using VTCAD.
4. Familiarizations with basic Linux commands using Linux prompt, C Programming.
5. Digital signal processing experiments
 - (I). Represent basic signals (unit step, unit impulse, ramp, sine, cosine and exponential) using MATLAB
 - (II) Write a program for discrete convolution
 - (III) Write a program for sampling theorem
 - (IV) To design the digital low pass IIR filters
6. Circuit simulation using P-SPICE

Course Code: MMVD 201	Course Name: Process Technology for ULSI-II	L	T	P	C
		4	0	0	4
Year and Semester	1st Year 2nd Semester	Contact hours per week: (4 Hrs.) Exam: (3 Hrs.)			
Pre-requisite of course	NIL	Evaluation			
		Internal Assessment: 40		Theory Examination: 60	

Course Objective:

1. To learn the concepts of Rapid thermal processes.
2. To understand different technologies for thin film deposition.
3. To understand various lithographic techniques.
4. To learn the concept of etching and understand different material etching techniques.
5. To learn metallization techniques for interconnections.
6. To understand various MOS technologies like BICMOS and MOS memory technology.
7. To learn process integration and IC packaging.

Course Outcomes: On completion of the course, student would be able to:

CO1	Describe the difference between the furnace processes and the rapid thermal processes.
CO2	Describe the advantages and disadvantages between various thin film techniques.
CO3	Find out the significance of lithographic techniques like optical lithography, e-beam lithography, x-ray lithography and ion- beam lithography.
CO4	Understand the significance of different etching techniques for device fabrication.
CO5	Analyse the role of metallization to optimize the RC delay during interconnections on the chip.
CO6	Understand different MOS technologies.
CO7	Describe the role of assembly and packaging in IC fabrication.

Mapping of Course Outcomes to Program Outcomes:

CO's	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
CO1	3	2	2	2	3	3	3	3	2	--	3	2	2	2
CO2	3	3	2	2	2	3	3	2	3	--	3	3	2	3
CO3	3	3	2	3	2	3	3	3	2	--	--	3	3	3
CO4	3	3	3	3	3	3	3	2	2	--	--	2	3	3
CO5	3	2	3	3	2	3	2	3	2	--	--	3	2	3
CO6	3	2	3	2	3	3	3	3	2	--	--	3	3	3
CO7	3	3	2	3	3	3	3	3	3	--	--	2	3	2

CONTENTS	Hrs.	COs
Unit I Conventional Rapid thermal processes, Requirement for thermal processes, Rapid thermal processes, Future trends. Dielectric and Poly silicon film deposition processes, Atmospheric pressure CVD and low pressure CVD based silicon oxide, LPCVD Silicon Nitrides, LPCVD Poly Si Films, Plasma assisted depositions.	10	CO1 CO2
Unit II Other deposition methods, Applications of deposited poly Silicon, Silicon oxide and Silicon nitride films. Lithography, Optical, Electron, X-Ray, Ion lithographies.	10	CO2 CO3
Unit III Etching, Low pressure gas discharge, etch mechanism, selectivity and profile control, Reactive plasma etching techniques and equipment, Plasma based processes, diagnostics and point control and damage, wet chemical etching. Metallization, Metal deposition techniques, Silicide Process.	10	CO4 CO5
Unit IV CVD Tungsten Plug, Other plug processes, Multi level metallization, Metallization Reliability. Process Integration, Bi CMOS technology, MOS Memory technology, Process Integration Considerations. Assembly and packaging: introduction.	10	CO6 CO7

Reference:

1. ULSI Technology by C.Y. Chang and S. M. Sze (McGraw Hill International)

Note for Examiner(s):

There are eight questions in all organized in four sections and each section is having two questions from each of the four units. The candidate shall have to attempt five questions in all, selecting at least one question from each unit.

Assessment Pattern:

Outcomes	Internal Evaluation (40 Marks)				Semester End Examination (60 Marks)
	Test1	Test2	Test 3	Assignment(5)+Attendance(5)	SEE
Marks	15	15	15	10	60
CO1	10	--	--	--	5
CO2	5	5	--	--	10
CO3	--	10	--	--	10
CO4	--	--	--	5	5
CO5	--	--	--	--	10
CO6	--	--	5	--	10
CO7	--	--	10	--	10

Course Code: MMVD 202	Course Name: Embedded System Design using 8051		L	T	P	C
			4	0	0	4
Year and Semester	1st Year 2nd Semester	Contact hours per week: (4 Hrs.) Exam: (3 Hrs.)				
Pre-requisite of course	NIL	Evaluation				
		Internal Assessment: 40		Theory Examination: 60		

Course Objective:

1. To familiarize with need and application of embedded system.
2. To understand the architecture, operation and programming of 8051.
3. To understand the design, parameters and constraints of embedded system.

Course Outcomes: On completion of the course, student would be able to:

CO1	Understand the basic of Embedded Design, RISC and CISC Operation.
CO2	Apply the basic programming skills of 8051 in problem solving.
CO3	Understand RTOS – basics and its relevance in embedded system.

Mapping of Course Outcomes to Program Outcomes:

CO's	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
CO1	3	3	2	2	3	3	3	1	2	--	2	2	2	2
CO2	3	3	2	2	3	3	3	2	2	--	2	3	2	3
CO3	3	3	2	2	3	3	3	1	2	--	2	3	3	3

CONTENTS	Hrs.	COs
Unit I Embedded systems – introduction, role of processor and other hardware units, real-life examples, embedded systems on chip, Introduction to CISC and RISC architecture. Structural units of processor, processes selection for embedded system, memory devices for embedded systems and allocation of memory, DMA, interfacing memory, processor and I/O devices.	10	CO1
Unit II Devices for embedded systems: I/O devices, timer and counting devices, Microprocessor and Micro controllers: differences, 8-bit micro controllers - comparison. Types of microcontrollers. The 8051 architecture: microcontroller hardware, I/O pins, ports and circuit, external memory, counter & timer, serial data input/output, interrupts.	10	CO1 CO2
Unit III Programming of 8051 – instruction syntax, addressing modes, external data moves, code memory read-only data moves, push and pop opcodes, data exchange, logical operations, arithmetic operation, jump and call instructions. Case studies: pulse generator/ PWM, Digital Lock, Stepper motor control.	10	CO2

Unit IV Real word interfacing with 8051: external memory, 8255, ADC, DAC. RTOS – basics and relevance in embedded system, typical applications hardware – software co-design in an embedded system: project management, design and co-design issues in system development process, design cycle, emulator and in-circuit emulator (ICE), use of software tools for development of an embedded system, issues in embedded system design.	10	CO3
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References:

1. Raj Kamal, Embedded Systems, Architecture, Programming and Design, TMH, 2003
2. The 8051 microcontroller – by Ayala (Penram)
3. Programming and Customizing the 8051 Microcontroller by Predko, Myke,, TMH, 2003
4. The 8051 MicroController& Embedded systems by MA. Mazidi & JG. Mazidi(Pearson)
5. Designing Embedded H/W By John Catsoulis (O'Reilly)

Note for Examiner(s):

There are eight questions in all organized in four sections and each section is having two questions from each of the four units. The candidate shall have to attempt five questions in all, selecting at least one question from each unit.

Assessment Pattern:

Outcomes	Internal Evaluation (40 Marks)				Semester End Examination (60 Marks)
	Test1	Test2	Test 3	Assignment(5)+Attendance(5)	SEE
Marks	15	15	15	10	60
CO1	15	5	--	--	15
CO2	--	10	--	--	25
CO3	--	--	15	5	20

Course Code: MMVD 203	Course Name: Analog CMOS Integrated Circuits		L	T	P	C
			4	0	0	4
Year and Semester	1st Year 2nd Semester	Contact hours per week: (4 Hrs.) Exam: (3 Hrs.)				
Pre-requisite of course	NIL	Evaluation				
		Internal Assessment: 40		Theory Examination: 60		

Course Objective:

1. To understand the operation of CMOS devices, familiar with the small- and large-signal models of CMOS transistors.
2. Analyze the basic current mirrors, understanding the voltage references, analyze and design basic operational amplifiers.
3. To understand the concept of gain, power, and bandwidth, design basic circuits using EDA tools.
4. To understand the Switched capacitor circuits and data converters.

Course Outcomes:

CO1	Understand the significance of different biasing styles and apply them aptly for different circuits.
CO2	Design basic building blocks like sources, sinks, mirrors.
CO3	To Comprehend the stability issues of the systems.
CO4	Design OpAmp fully compensated against process, supply and temperature variations.
CO5	Design Analog integrated system including parasitic effects.
CO6	Analyze Switched Capacitor Circuits and data converters.

Mapping of Course Outcomes to Program Outcomes:

CO's	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
CO1	3	3		2		3	2	3	1			3	3	3
CO2	3	3		2		3	2	3	1			3	3	3
CO3	3	2		3		3	2	2	1			3	3	3
CO4	3	2		3		3	2	2	1			3	3	3
CO5	3	3		2		3	2	2	1			3	3	3
CO6	3	3		2		3	2	2	1			3	3	3

CONTENTS	Hrs.	COs
Unit I Introduction to analog design, Why analog, why CMOS ,Levels of abstraction, Robust analog design, MOS models, long channel vs short channel, Analog layout, short channel considerations, Matching, Resistor layout, Noise considerations, Latchup.	10	CO1 CO3

Unit II Single stage amplifier, Basic concepts, Common source stage, Source follower, common gate stage. Band gap reference: General considerations, Supply independent biasing, temperature-independent references, negative-TC voltage, positive TC voltage, PTAT generation Folded cascode, Differential amplifiers, Single ended and differential operation, common mode response Differential pair with MOS loads, Gilbert Cell.	10	CO1 CO2
Unit III Current mirror, Cascode Current mirrors, Active Current mirror, Operational Amplifiers, One stage and two stage Op Amps, Gain boosting, Comparison, Common-mode Feedback, Input Range limitations, stability and frequency compensations, Comparator using OPAMPs (brief).	10	CO4 CO5
Unit IV Switched capacitor circuits, Basic operation and analysis, switched Capacitor Gain Circuits; Data Converter fundamentals, Ideal D/A converter, Quantization noise, signed codes, performance limitations.	10	CO6

References:

1. Analog integrated circuit Design, David A. Johns & Ken Martin - John- Wiley & Sons, Inc. New York.
2. Design of Analog CMOS integrated circuits Behzad Razavi McGraw-Hill International edition.
3. CMOS: Circuit Design, layout, and simulation, R. Jacob, Baker and David E. Boyce, Prentice Hall of India.
4. Applications and Design with analog integrated circuits, 2 nd Edition - J. Michael Jacob, Prentice Hall of India.
5. Design and applications of analog Integrated Circuits, Prentice Hall of India,

Note for Examiner(s):

There are eight questions in all organized in four sections and each section is having two questions from each of the four units. The candidate shall have to attempt five questions in all, selecting at least one question from each unit.

Outcomes	Internal Evaluation (40 Marks)				Semester End Examination (60 Marks)
	Test1	Test2	Test 3	Assignment(5)+Attendance(5)	SEE
Marks	15	15	15	10	60
CO1	5	--	--	--	5
CO2	10		--	--	10
CO3	--	5	--	--	10
CO4	--	10	--	--	15
CO5	--		5	5	10
CO6	--	--	10	--	10

Course Code: MMVD 204	Course Name: Verilog - Hardware Description Language		L	T	P	C
			4	0	0	4
Year and Semester	1st Year 2nd Semester	Contact hours per week: (4 Hrs.) Exam: (3 Hrs.)				
Pre-requisite of course	NIL	Evaluation				
		Internal Assessment: 40		Theory Examination: 60		

Course Objective:

1. To Design state machines to control complex systems.
2. Define and describe digital design flows for system design and recognize the trade-offs involved in different approaches.
3. To write synthesizable Verilog code and a Verilog test bench to test Verilog modules.
4. To Analyze code coverage of a Verilog test bench and debug Verilog modules.
5. Target a Verilog design to an FPGA board

Course Outcomes:

CO1	Understand the fundamentals of Verilog HDL and its need in Digital design.
CO2	To design and write synthesizable Verilog HDL codes, and also its test bench.
CO3	Design the state machines for specific problems and implement it on FPGA board.
CO4	Design combinational and sequential circuits using Verilog HDL.

Mapping of Course Outcomes to Program Outcomes:

CO's	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
CO1	3		2	2		3	3		2			3	3	2
CO2	3		2	2		3	3		2			3	3	2
CO3	3		2	2		3	3		2			3	3	2
CO4	3		2	2		3	3		2			3	3	2

CONTENTS	Hrs.	COs
Unit I Verilog: Overview of Digital Design with Verilog HDL, Hierarchical Modeling, Basics of Verilog - Data Types, System Tasks and Compiler Directives, Modules and Ports, Gate Level Modeling- Gate Types, Gate Delays.	10	CO1 CO2
Unit II Behavioral Modeling - Structured Procedures, Procedural Assignments, Timing Controls, Conditional Statements, Multiway Branching, Loops, Sequential and Parallel Blocks, Tasks and Functions – Exercises. FSM based HDL design-Moore & Mealy machines.	10	CO2 CO3 CO4

Unit III Useful modeling techniques- Procedural continuous assignments, overriding parameters, conditional compilation and execution, time scales, useful system tasks, Advance Verilog Topics- Timing and delays – types of delay models, path delay modeling, Timing checks, delay back-annotation, Switch level modeling – switch modeling elements, examples.	10	CO2 CO3 CO3
Unit IV Logic Synthesis with Verilog HDL- What is logic synthesis, impact of logic synthesis, Verilog hdl synthesis, synthesis design flow, RTL to gates (Example, Verification of gate level net list, modeling tips for logic synthesis, examples of sequential circuit synthesis.	10	CO2

References:

1. Verilog HDL - Samir Palnitkar (Pearson)
2. Verilog HDL Synthesis, A Practical Primer – J Bhasker
3. Digital Design: With an Introduction to Verilog HDL - M. Morris Mano
4. Design Through Verilog HDL - B.Bala Tripura Sundari T.R. Padmanabhan
5. FSM based HDL Design –Peter Minns, Ian Elliott(Wiley)

Note for Examiner(s):

There are eight questions in all organized in four sections and each section is having two questions from each of the four units. The candidate shall have to attempt five questions in all, selecting at least one question from each unit.

Outcomes	Internal Evaluation (40 Marks)				Semester End Examination (60 Marks)
	Test1	Test2	Test 3	Assignment(5)+Attendance(5)	SEE
Marks	15	15	15	10	60
CO1	10	--	--	--	10
CO2	5	10	5	--	20
CO3	--	5	10	--	15
CO4	--	--	--	5	15

Course Code: MMVD 205	Course Name: Lab Work II		L	T	P	C
			0	0	16	8
Year and Semester	1st Year 2nd Semester	Contact hours per week: (16 Hrs.) Exam: (4 Hrs.)				
Pre-requisite of course	NIL	Evaluation				
		Internal Assessment: 40		Theory Examination: 60		

Course Objective:

1. To simulate the various processes involved in fabrication of MOS capacitor and its characteristics.
2. To do hands-on on the fabrication of MOS capacitor and its characterization.
3. To simulate different digital circuits using HDLs.
4. To simulate advanced level analog circuits using Cadence and PSpice.
5. To develop the skills of assembly language programming of 8051.
6. To do interfacing of 8051 with external circuits.

Course Outcomes:

CO1	Design synchronous and asynchronous digital circuits using Verilog HDL.
CO2	Design analog circuits using Tanner tools.
CO3	Design basic building blocks like sources, sinks, mirrors and Op-amp as well using Cadence tool.
CO4	Simulate various fabrication processes involved in MOS capacitor.
CO5	Apply the basic programming skills of Assembly Language in problem solving.

Mapping of Course Outcomes to Program Outcomes:

CO's	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
CO1	3	3	2	2	2	3	2	2	2	3	1	3	3	3
CO2	3	3	2	3	2	3	2	2	2	3	1	3	3	3
CO3	3	3	2	3	2	2	3	2	3	2	1	3	3	3
CO4	3	3	2	2	3	2	3	2	3	2	1	3	3	3
CO5	3	3	2	2	3	3	3	2	2	2	1	3	3	3

List of experiment

1. Design and simulation of MOS capacitor using Process Simulation tool.
2. Fabrication and Characterization of MOS capacitor (I-V, C-V)
3. Write, simulate and demonstrate Verilog model code for various Digital circuits.

4. Advanced Analog Circuit simulation using Cadence and P-SPICE.
5. Data flow and arithmetic logical operations programs in assembly language.
6. “Interfacing of 8051 with external world” programs using assembly or embedded C

Course Code: MMVD 301 (Program Elective - I)	Course Name: Micro Electro Mechanical Systems (MEMS)	L	T	P	C
		4	0	0	4
Year and Semester	2nd Year 3rd Semester	Contact hours per week: (4 Hrs.) Exam: (3 Hrs.)			
Pre-requisite of course	NIL	Evaluation			
		Internal Assessment: 40		Theory Examination: 60	

Course Objective: -

1. To understand the need of MEMS Technology
2. To understand the basics, process, material and applications of MEMS.
3. Familiarization and understanding of design concepts and mechanics of selected devices.

Course Outcomes:

CO1	Understand characteristics, need and application of MEMS.
CO2	Understand Micromachining techniques for MEMS device fabrication.
CO3	Students will be able to Design and simulate MEMS devices using CAD tools.

Mapping of Course Outcomes to Program Outcomes:

CO's	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
CO1	3	2	2	2	2	2	3	2	2	--	--	2	2	2
CO2	3	3	3	2	3	3	2	2	3	--	--	3	2	3
CO3	3	3	2	3	2	3	3	3	2	--	--	3	3	3

CONTENTS	Hrs.	COs
Unit I Overview of MEMS and Microsystems: Introduction Microsystem vs. MEMS, Microsystems and Microelectronics, the Multidisciplinary Nature of Microsystem design and manufacture, Application of MEMS in various industries. MEMS and Miniaturization: Scaling laws in miniaturization: Introduction to Scaling, Scaling in: Geometry, Rigid Body dynamics, Electrostatic forces, Electromagnetic forces, Electricity, Fluid Mechanics, Heat Transfer. Materials for MEMS and Microsystems – Si as substrate material, mechanical properties of Silicon, Silicon Compounds (SiO ₂ , Si ₃ N ₄ , SiC, polySi, Silicon), Piezoresistors, GaAs, Piezoelectric crystals, Polymers, Packaging Materials.	10	CO1
Unit II Micromachining Processes: Overview of microelectronic fabrication processes used in MEMS, Bulk Micromachining – Isotropic & Anisotropic Etching, Comparison of Wet vs Dry etching, Surface Micromachining – General description, Processing in general, Mechanical Problems associated with Surface Micromachining, Introduction to LIGA process, and Introduction to Bonding. Assembly of 3D MEMS - foundry process	10	CO2

Unit III Microsystems & MEMS Design: Design Considerations: Design constraints, Selection of Materials, Selection of Manufacturing processes, Selection of Signal Transduction, Electromechanical system, packaging. Process design, Mechanical Design – Thermo mechanical loading, Thermo mechanical Stress Analysis, Dynamic Analysis, Interfacial fracture Analysis, Mechanical Design using Finite Element Method.	10	CO3
Unit IV Design case using CAD. Principles of Measuring Mechanical Quantities: Transduction from Deformation of Semiconductor Strain gauges: Piezo resistive effect in Single Crystal Silicon, Piezo resistive effect in Poly silicon Thin films, Transduction from deformation of Resistance. Capacitive Transduction: Electro mechanics, Diaphragm pressure sensors. Structure and Operation of Accelerometers, Resonant Sensors, Thermal Sensing and actuation.	10	CO3

References:

1. Microsystem Design By Stephen D. Senturia, Kluwer Academic Publishers (2003)
2. Micro Technology and MEMS By M. Elwenspoek and R. Wiegerink, Springer (2000)
3. Micro Fabrication by Marc Madaon, CRC Press
4. MEMS & Microsystems Design and Manufacture by Tai-Ran H Su, Tata Mc graw.

Note for Examiner(s):

There are eight questions in all organized in four sections and each section is having two questions from each of the four units. The candidate shall have to attempt five questions in all, selecting at least one question from each unit.

Assessment Pattern:

Outcomes	Internal Evaluation (40 Marks)				Semester End Examination (60 Marks)
	Test1	Test2	Test 3	Assignment(5)+Attendance(5)	SEE
Marks	15	15	15	10	60
CO1	15	--	--	--	25
CO2	--	15	--	--	20
CO3	--	--	15	5	15

Course Code: MMVD 301 (Program Elective II)	Course Name: RF Microelectronics	L	T	P	C
		4	0	0	4
Year and Semester	2nd Year 3rd Semester	Contact hours per week: (4 Hrs.) Exam: (3 Hrs.)			
Pre-requisite of course	NIL	Evaluation			
		Internal Assessment: 40		Theory Examination: 60	

Course Objective:

1. To understand RF technology, wireless technology and their application in IC design technology.
2. To perform RF network analysis.
3. To design noise optimization in RF circuits.
4. To design different RF microelectronics chips for various application.

Course Outcomes:

CO1	Understand the fundamentals of RF technology, wireless technology and their application in IC design technology
CO2	Apply the knowledge of RF Circuit and system in IC Design.
CO3	Analyze and design noise optimization in RF Circuits.
CO4	Design application based RF microelectronics Chip.

Mapping of Course Outcomes to Program Outcomes:

CO's	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
CO1	3	2		3		1	3					2	2	2
CO2	3	2		3		2	2					2	3	3
CO3	3	2		2		3	2					3	3	3
CO4	3	2		2		3	2					3	2	2

CONTENTS	Hrs.	COs
Unit I Importance of RF and wireless technology, IC design technology for RF circuits RF Behavior of passive components, operation for passive components at RF Active RF Components, RF Diodes, RF BJTs, RF FET, HEMT Active RF component modeling, Transistor models.	10	CO1
Unit II Circuit representation of two port RF / Microwave Networks, Low and high frequency parameters, Formulation and properties of s parameters, Shifting reference plans, Transmission matrix, Generalized scattering parameters, Passive Circuit design, Review of Smith chart Matching and Biasing networks, Impedance matching using discrete components, micro strip line matching networks, amplifier classes of operation, RF Transistor amplifier designs, Low Noise amplifiers, Stability consideration, Constant gain noise figure circles.	10	CO1 CO2

Unit III Noise considerations in active networks, Noise definition, noise sources. RF / Microwave oscillator design, Oscillator versus amplifier design, Oscillation conditions, Design of transistor oscillators, Generator Tuning networks RF / Microwave Frequency conversion II: Mixer design, Mixer types, Conversion loss for SSB mixers, SSB mixer versus DSB mixers. One diode mixers, two diode mixers, Four diode mixers, eight diode mixers.	10	CO3
Unit IV Frequency synthesizers, PLL, RF synthesizer architectures, Transceiver architectures, Receiver architectures, Transmitter architectures, RF / Microwave IC design, Microwave ICs, MIC Materials, Types of MICs, Hybrid vs monolithic MICs, Case studies, Relating to design of different circuits employed in RF Microelectronics.	10	CO4

References

1. Behzad Razavi, "RF Microelectronics" Prentice Hall PTR , 1998
2. R.Ludwig, P.Bretchko, RF Circuit Design, Pearson Education Asia, 2000.
3. Matthew M. Radmanesh, Radio Frequency and Microwave Electronics Illustrated, Pearson Education (Asia) Ltd., 2001

Note for Examiner(s):

There are eight questions in all organized in four sections and each section is having two questions from each of the four units. The candidate shall have to attempt five questions in all, selecting at least one question from each unit.

Assessment Pattern:

Outcomes	Internal Evaluation (40 Marks)				Semester End Examination (60 Marks)
	Test1	Test2	Test 3	Assignment(5)+Attendance(5)	SEE
Marks	15	15	15	10	60
CO1	10	--	--	--	15
CO2	5	10	--	--	15
CO3	--	5	10	--	15
CO4	--	--	5	5	15

Course Code: MMVD 302 (Program Elective I)	Course Name: Embedded System Design using ARM	L	T	P	C
		4	0	0	4
Year and Semester	2nd Year 3rd Semester	Contact hours per week: (4 Hrs.) Exam: (3 Hrs.)			
Pre-requisite of course	NIL	Evaluation			
		Internal Assessment: 40		Theory Examination: 60	

Course Objective:

1. To understand the basics, architecture and programming of ARM processor.
2. To understand and explain the cache mechanism in ARM Processor.
3. To understand the Memory management Unit of ARM.

Course Outcomes:

CO1	Understand the fundamental concepts of ARM Processor, its architecture, instructions and modes as well.
CO2	Apply the basic programming skills in ARM with simple instructions.
CO3	Understand the Cache mechanism of ARM.
CO4	Understand the Memory management Unit of ARM.

Mapping of Course Outcomes to Program Outcomes:

CO's	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
CO1	3			2		3	3	1	1			3	2	3
CO2	3			2		3	3	1	1			3	2	3
CO3	3			2		2	3	1	1			3	2	3
CO4	3			2		2	3	1	1			3	2	3

CONTENTS	Hrs.	COs
Unit I ARM PROCESSOR ARCHITECTURE: The RISC and ARM design philosophy, Embedded System Hardware. ARM PROCESSOR FUNDAMENTALS: Data Flow model, Registers, modes of operation, Current Program Status Register, Pipeline, Exceptions, Interrupts, and ARM families.	10	CO1 CO2
Unit II ARM INSTRUCTIONS SETS AND INTERRUPTS: ARM and Thumb Instruction Sets, Data Processing Instructions, Branch Instructions, Load- Store Instructions, Software Interrupt Instruction, Program Status Register Instructions, Conditional Execution, Stack Instructions, Software Interrupt Instruction. ARM PROCESSOR EXCEPTIONS AND MODES: vector table, priorities, link Register offsets, interrupts, and IRQ / FIQ exceptions interrupt stack design and implementation. SIMPLE PROGRAM: Addition, Subtraction, and Multiplication in assembly.	10	CO2

Unit III CACHE MECHANISM: Introduction to cache memory, memory hierarchy and cache memory, Cache architecture and cache policies. CONCEPT OF FLUSHING AND CLEANING CACHE: Flushing and Cleaning ARM cache core. CONCEPT OF CACHE LOCKDOWN: Locking Code and Data in Cache. Cache and write buffer.	10	CO3
Unit IV MEMORY MANAGEMENT UNIT: How virtual memory works, Details of the ARM MMU, Page Tables, Translation Look-aside Buffer, Domains and Memory access Permissions.	10	CO4

References:

1. “ARM System Developer’s Guide Designing and Optimizing” by Andrew N.Sloss Elsevier publication, 2004.
2. “MicroC/OS – II” second edition The Real Time Kernel Jean J. Labrosse Publisher: Viva Books Private Ltd (Feb 2002)
3. “Embedded systems” B.Kanta Rao PHI publishers, Eastern Economy Edition, 2011
4. “Embedded Systems Architecture” - Tammy Noergard, Newness edition, 2005
5. “ARM System-on-Chip Architecture” 2nd Edition, Steve Furbe, Pearson Education, 2000
6. “Embedded/Real Time Systems” Dr. K.V.K.K PRASAD Dream tech press, 2009.

Note for Examiner(s):

There are eight questions in all organized in four sections and each section is having two questions from each of the four units. The candidate shall have to attempt five questions in all, selecting at least one question from each unit.

Assessment Pattern:

Outcomes	Internal Evaluation (40 Marks)				Semester End Examination (60 Marks)
	Test1	Test2	Test 3	Assignment(5)+Attendance(5)	SEE
Marks	15	15	15	10	60
CO1	10	--	--	--	15
CO2	5	10	--	5	15
CO3	--	5	10	--	15
CO4	--	--	5	--	15

Course Code: MMVD 302 (Program Elective II)	Course Name: Digital System Testing and Fault Simulation	L	T	P	C
		4	0	0	4
Year and Semester	2nd Year 3rd Semester	Contact hours per week: (4 Hrs.) Exam: (3 Hrs.)			
Pre-requisite of course	NIL	Evaluation			
		Internal Assessment: 40		Theory Examination: 60	

Course Objective:

1. To Understand basic concepts of digital system Testing
2. To understand the functional fault modeling at logic level as well as register level.
3. To describe various fault models like Functional Faults, Structural Faults, and Structural Gate Level Faults.
4. To understand various Automatic Test Generation algorithms for Single stuck Faults.
5. To explain simulations used for fault testing and various design for test-ability techniques.

Course Outcomes: On completion of the course, student would be able to:

CO1	To explain the Fundamental concepts of digital system testing.
CO2	Acquire knowledge about fault modeling and collapsing.
CO3	Analyze various ATPG Techniques for faults finding.
CO4	Develop fault simulation techniques and fault diagnosis methods.

Mapping of Course Outcomes to Program Outcomes:

CO's	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
CO1	3	3		3		3	2	2	3	--	--	3	3	3
CO2	3	3		3		3	2	2	3	--	--	3	3	3
CO3	3	3		3		3	2	2	3	--	--	3	3	3
CO4	3	3		3		3	2	2	3	--	--	3	3	3

CONTENTS	Hrs.	COs
Unit I Role of testing in VLSI Design flow, Testing at different levels of abstraction. Functional Modeling at the logic Level, Functional Modeling at the Register Level, Structural Models, Level of Modeling. Types of Simulation, Compiled Simulation, Event-Driven Simulation, Delay Models. Basic of Test and role of HDLs in testing (Introduction only), Verilog HDL for Design and Test in combinational circuits and sequential circuits.	10	CO1 CO2
Unit II Fault Modeling:- Fault Abstraction, Functional Faults, Structural Faults, Structural Gate Level Faults, Recognizing Faults, Stuck-Open Faults, Stuck-at-0 Faults, Stuck-at-1 Faults, Bridging Faults, State-Dependent Faults, Multiple Faults, Single Stuck-at-Structural Faults, Detecting Single Stuck-at Fault, Detecting Bridging Faults, Fault Collapsing, Dominance Fault Collapsing, Fault Simulation:-Gate-Level Fault Simulation.	10	CO2

Unit III Testing for single step faults - Basic Issues, ATG algorithms for SSFs in Combinational Circuits: D, 9-V, PODEM Algorithms, Fault independent test generation, Sequential Circuit test generation.	10	CO3 CO4
Unit IV Design for Test, Testing Sequential and Combinational Circuits, Ad Hoc Design for Testability Techniques, Testability insertion - Controllability and Observability concept, Full Scan Insertion, Flip - Flop Structures, General Aspects of Compression Techniques, Ones-Count Compression, LFSR used as signature analyzer , Introduction to BIST and MBIST.	10	CO4

References:

1. Digital systems testing and testable design – Miron Abramovici , Computer Science Press (1991).
2. Digital System Test and Testable Design: Using HDL Models and Architectures by Zainalabedin Navabi.
3. Test generation for VLSI chips by VD Agrawal and SC Seth, IEEE Computer Society Press (2003).
4. Essentials of Electronic Testing by ML Bushnell, VD Agrawal, Kluwer Academic Publishers.
5. VLSI Testing: digital and mixed analogue digital techniques Stanley L. Hurst Pub (1999).

Note for Examiner(s):

There are eight questions in all organized in four sections and each section is having two questions from each of the four units. The candidate shall have to attempt five questions in all, selecting at least one question from each unit.

Assessment Pattern:

Outcomes	Internal Evaluation (40 Marks)				Semester End Examination (60 Marks)
	Test1	Test2	Test 3	Assignment(5)+Attendance(5)	SEE
Marks	15	15	15	10	60
CO1	10	--	--	--	10
CO2	5	10	--	--	15
CO3	--	5	10	--	20
CO4	--	--	5	5	15

Course Code: MMVD 303 (Program Elective I)	Course Name: Nano Science and Technology	L	T	P	C
		4	0	0	4
Year and Semester	2nd Year 3rd Semester	Contact hours per week: (4 Hrs.) Exam: (3 Hrs.)			
Pre-requisite of course	NIL	Evaluation			
		Internal Assessment: 40		Theory Examination: 60	

Course Objectives:

1. Understand the fundamental forces controlling the dynamic and static response of materials at the Nano-scale
2. Demonstrate a comprehensive understanding of state-of-the-art of Nano-fabrication methods
3. Determine and evaluate the processing conditions to engineer functional nanomaterials
4. Design and analyze scalable system for the continuous production of nanomaterials
5. Practice and explain the state-of-the-art characterization methods for nanomaterials

Course Outcomes: On completion of the course, student would be able to:

CO1	Understand the Nanotechnology and Nano materials, bottom up and top down approaches of nanomaterials synthesis.
CO2	Understand the concept of Quantum devices: Resonant tunneling diode, Coulomb Blockade, Single Electron Transistor.
CO3	Understand the various Nano Material Synthesis techniques (ALD, MBE, CVD etc.)
CO4	Understand the growth mechanism, properties and devices applications of Carbon nanotubes.
CO5	Understand the Nano manipulation and Nano lithography: E-beam and Nano imprint lithography.
CO6	Understand the various Nano characterization techniques like : High Resolution TEM, Scanning Probe Microscopes: Atomic Force Microscope and Scanning Tunneling Microscope

Mapping of Course Outcomes to Program Outcomes:

CO's	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
CO1	3	3	3	2	2	3	3	2	2	--	--	2	2	2
CO2	3	3	2	3	2	3	3	2	2	--	--	3	2	2
CO3	3	3	3	2	3	3	2	2	2	--	--	3	3	2
CO4	3	3	2	2	2	3	3	2	2	--	--	2	2	2
CO5	3	3	3	2	2	3	3	2	2	--	--	2	2	2
CO6	3	3	3	2	2	3	3	2	2	--	--	2	2	2

CONTENTS	Hrs.	COs
Unit I Introduction to Nanotechnology and Nano materials, History, ethical issues, applications in different fields, bottom up and top down approaches, Introduction to Zero, One and Two Dimensional Nanostructures, Quantum devices: Resonant tunneling diode, Coulomb Blockade, Single Electron Transistor.	10	CO1 CO2
Unit II Nano Material Synthesis techniques Physical methods: ball milling, Atomic Layer Deposition, Molecular beam epitaxy, spray pyrolysis, Chemical Methods: Sol gel, self assembly, Chemical Vapor depositions, template manufacturing, biological synthesis	10	CO3
Unit III Carbon nanotubes, structures and synthesis, growth mechanism and properties, devices applications, Nanowires: synthesis and characterization, Molecular Switches and logic gates. Nano manipulation and nano lithography: E-beam and nano imprint lithography.	10	CO4 CO5
Unit IV High resolution nano lithography, Dip-Pen lithography, AFM Lithography. Nano characterization: High Resolution TEM, Scanning Probe Microscopes: Atomic Force Microscope and Scanning Tunneling Microscope, Nano manipulator, Lab on a Chip concept	10	CO6

References:

1. Nanotechnology: Principle and Practices by Sulbha Kulkarni
2. Hand book of Nanotechnology By Bhushan, Springer
3. Nano: The Essentials By T. Pradeep
3. Microfabrication by Marc Madaon, CRC Press

Note for Examiner(s):

There are eight questions in all organized in four sections and each section is having two questions from each of the four units. The candidate shall have to attempt five questions in all, selecting at least one question from each unit.

Assessment Pattern:

Outcomes	Internal Evaluation (40 Marks)				Semester End Examination (60 Marks)
	Test1	Test2	Test 3	Assignment(5)+Attendance(5)	SEE
Marks	15	15	15	10	60
CO1	10	--	--	--	10
CO2	5	--	--	--	10
CO3	--	--	--	--	10
CO4	--	10	--	5	10
CO5	--	5	--	--	10
CO6	--	--	15	--	10

Course Code: MMVD 303 (Program Elective II)	Course Name: Digital Signal Processing in VLSI	L	T	P	C
		4	0	0	4
Year and Semester	2nd Year 3rd Semester	Contact hours per week: (4 Hrs.) Exam: (3 Hrs.)			
Pre-requisite of course	NIL	Evaluation			
		Internal Assessment: 40		Theory Examination: 60	

Course Objective:

1. To explain the Characterization and classification of signals, applications and need of DSP in VLSI.
2. To understand the concept of digital filters and FIR filters, their various types and comparison.
3. To apply time domain representation of discrete time signals and systems.
4. To understand various DSP algorithms used for VLSI applications.
5. To relate the knowledge of DSP in the field of VLSI

Course Outcomes: On completion of the course, student would be able to:

CO1	Explain Characterization and classification of signals, applications and need of DSP in VLSI.
CO2	Understand the concept of digital filters and FIR filters, their various types and comparison.
CO3	Design efficient DSP algorithms used for VLSI applications.
CO4	Translate effective algorithm design to integrated circuit implementations.

Mapping of Course Outcomes to Program Outcomes:

CO's	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
CO1	3	3		2	2	3	3	2	2			3	3	3
CO2	3	3		2	2	3	3	2	2			3	3	3
CO3	3	3		2	2	3	3	2	2			3	3	3
CO4	3	3		2	2	3	3	2	2			3	3	3

CONTENTS	Hrs.	COs
Unit I Introduction, Review of signals and signals processing, Enhancement of S/N, system models and the transfer function, spectra, limitations of Analog systems. Digital Signal Processing: Flexibility, key advantage to DSP, DSP issues and terminology, Sampled Data, Throughput expansion, data compression and pipelining. Non-recursive filters: Finite impulse response filters; Digital filters Recursive filters: Analog feedback filters and their recursive digital counterparts, Digital filter in block diagram form.	10	CO1
Unit II Digital Filter Overview: Digital filters, when, why, what, how? Comparison of digital filter types; summary of key digital filter relationships. FIR filters: FIR filter concepts and properties, Fourier-series approach to FIR filters; The window method of FIR filter design. FIR Filters: The second-order section as a prototype; Biquads for special purposes; Hardware implementation of FIR filters. The bridge to VLSI: Introduction, Some VLSI-DSP design Philosophy DSP, Architecture Issues: Tradeoffs, Pipelining, and parallelism.	10	CO2
Unit III Finite-word length arithmetic-Introduction, Arithmetic error sensitivity, Overflow, underflow, and rounding; filter quantization-error tradeoffs in fixed-point arithmetic, Accuracy in FFT		CO3 CO4

spectral Analysis. Analog I/O methods Real DSP Hardware: Introduction, key, DSP hardware elements, System Selection: DSP system alternatives; Microcoded systems; Single-chip DSP microprocessor survey.	10	
Unit IV DSP applications: Introduction, Major elements of a DSP system, the digital Transceiver; Digital detection, Digital heterodyning, decimation and interpolation. Real-time detection: Examples based on correlation principles, coherent detection Modeling in Real time: Telecommunications and speech. Why modeling; Telecommunications; coding of speech. Image Processing: Introduction to image processing; Machine vision acquisition, enhancement, and recognition.	10	CO4

References:

1. Digital Signal Processing in VLSI by Richard J. Higgins (Prentice Hall)

Note for Examiner(s):

There are eight questions in all organized in four sections and each section is having two questions from each of the four units. The candidate shall have to attempt five questions in all, selecting at least one question from each unit.

Assessment Pattern:

Outcomes	Internal Evaluation (40 Marks)				Semester End Examination (60 Marks)
	Test1	Test2	Test 3	Assignment(5)+Attendance(5)	SEE
Marks	15	15	15	10	60
CO1	10	--	--	--	15
CO2	5	10	--	--	15
CO3	--	5	10	--	15
CO4	--	--	5	5	15

Course Code: MMVD 304	Course Name: Minor Project	L	T	P	C
		0	0	16	8
Year and Semester	2nd Year 3rd Semester	Contact hours per week: (16 Hrs.) Exam: (4 Hrs.)			
Pre-requisite of course	NIL	Evaluation			
		Internal Assessment: 0		Theory Examination: 100	

Course Objective:

1. To Study open ended research problem related to Microelectronics and VLSI design theoretical syllabus.
2. Present project findings and submit technical report.

Course Outcomes:

CO1	Identify the Topics that are relevant to the present context.
CO2	Identify the community that shall benefit through the solution to the identified engineering problem and also demonstrate concern for environment.
CO3	Analyze and interpret results of experiments conducted on the designed solution(s) to arrive at valid conclusions
CO4	Perform Survey and review relevant information.
CO5	Enhance Presentation skills and report writing skills.

Mapping of Course Outcomes to Program Outcomes:

CO's	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
CO1	3	3	2	2	3	3	3	2	2	3	3	3	3	2
CO2	1	2	2	3		3		3	3		3	1	3	3
CO4	1	3		3		3	2	2	2		1	2	3	3
CO2	3	3	2	2	3	3	3	2	2	3	3	3	3	2
CO3	3	3	3	2	3	3	3	2	2	3	3	3	2	1

MMVD 401 - Project

Course Code: MMVD 401	Course Name: Project Dissertation		L	T	P	C
			0	0	0	20
Year and Semester	2nd Year 4th Semester	Contact hours per week: (-) Exam: (-)				
Pre-requisite of course	NIL	Evaluation				
		Internal Assessment: -		Viva-Voce Examination: 300		

Course Objective:

1. To Study open ended research problem using appropriate techniques, tools and skills.
2. Present project findings and submit technical papers and thesis.
3. To learn about ways of literature survey in a given domain
4. To understand the impact of scientific/industrial research/project on the society
5. To know ways to carry out scientific research/ projects using existing scientific/technical knowledge
6. To lean about financial management/planning of research project.
7. To appreciate the importance of team work in professional environment
8. To understand the professional ethics required in an industry/organization

Course Outcomes:

CO1	Conceptualize, design and implement solution for specific problem.
CO2	Communicate the solutions through presentation and technical report.
CO3	Apply project and resource management skills, Professional ethics and societal concerns.
CO4	Synthesize self-learning, sustainable solutions and demonstrate lifelong learning.

Mapping of Course Outcomes to Program Outcomes:

CO's	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
CO1	3	3	2	2	3	2	3	2	3	3	3	3	3	3
CO2	3	3	2	2	3	2	3	2	3	3	3	3	3	3
CO3	3	3	2	2	3	2	3	2	3	3	3	3	3	3
CO4	3	3	2	2	3	2	3	2	3	3	3	3	3	3

Kurukshetra University, Kurukshetra

Department of Sanskrit, Pali & Prakrit

Scheme of Examination and Syllabus

B.A Sanskrit Honours Semester I – VI

Under CBCS W.E.F Academic Session 2020-2021

(In Phased Manner)

Semester I

Sr. No.	Course	Course Type	Nomenclature	Credits	Tutorial per Week	Teaching Hours per Week	Internal Marks	External Marks	Maximum Marks	Duration of Exam (Hours)
1.	Sanskrit BH-SKT-101	Core	संस्कृत-प्रारम्भिक-पठन	6	1	5	30	120	150	3 Hours
2.	Sanskrit BH-SKT-102	Core	संस्कृत-प्रारम्भिक-पठन	6	1	5	30	120	150	3 Hours
3.	(English/MIL communication) /Environmental Studies	AECC-I		2		2	10	40	50	3 Hours
4.	Generic Elective	GE-I		6	1	5	30	120	150	3 Hours
	Total			20	3	17	100	400	500	

Semester II

Sr. No.	Course	Course Type	Nomenclature	Credits	Tutorial per Week	Teaching Hours per Week	Internal Marks	External Marks	Maximum Marks	Duration of Exam (Hours)
5.	Sanskrit BH-SKT-201	Core	fdjrlk z~e- ufir' k de~p	6	1	5	30	120	150	3 Hours
6.	Sanskrit BH-SKT-202	Core	n' k d~p jre- f k j k fot ; %p	6	1	5	30	120	150	3 Hours
7.	(English/MIL communication) /Environmental Studies	AECC-2		2		2	10	40	50	3 Hours
8.	Generic Elective	GE-2		6	1	5	30	120	150	3 Hours
	Total			20	3	17	100	400	500	

Semester III

Sr. No.	Course	Course Type	Nomenclature	Credits	Tutorial per Week	Teaching Hours per Week	Internal Marks	External Marks	Maximum Marks	Duration of Exam (Hours)
9.	Sanskrit BH-SKT-301	Core	ललुक्तुं नुते	6	1	5	30	120	150	3 Hours
10.	Sanskrit BH-SKT-302	Core	दुर्लभं क उद्योगं प	6	1	5	30	120	150	3 Hours
11.	Sanskrit BH-SKT-303	Core	सुदुर्लभं	6	1	5	30	120	150	3 Hours
12.	Computer Science LEVEL- 1/Personality Development/ MOOC Course from Swayam Portal	SEC-I		2		2	10	40	50	3 Hours
13.	Generic Elective	GE-3		6	1	5	30	120	150	3 Hours
	Total			26	4	22	130	520	650	

Semester IV

Sr. No.	Course	Course Type	Nomenclature	Credits	Tutorial per Week	Teaching Hours per Week	Internal Marks	External Marks	Maximum Marks	Duration of Exam (Hours)
14.	Sanskrit BH-SKT-401	Core	वर्णमाला	6	1	5	30	120	150	3 Hours
15.	Sanskrit BH-SKT-402	Core	लघुनिघण्टु	6	1	5	30	120	150	3 Hours
16.	Sanskrit BH-SKT-403	Core	लघुनिघण्टु x djk%uk~djk%p	6	1	5	30	120	150	3 Hours
17.	Computer Science LEVEL- 1/Personality Development/ MOOC Course from Swayam Portal	SEC-2		2		2	10	40	50	3 Hours
18.	Generic Elective	GE-4		6	1	5	30	120	150	3 Hours
	Total			26	4	22	130	520	650	

Semester V

Sr. No.	Course	Course Type	Nomenclature	Credits	Tutorial per Week	Teaching Hours per Week	Internal Marks	External Marks	Maximum Marks	Duration of Exam (Hours)
19.	Sanskrit BH-SKT-501	Core	l g j . le~ n l p	6	1	5	30	120	150	3 Hours
20.	Sanskrit BH-SKT-502	Core	y 7 1 4 d l e f u c l % R	6	1	5	30	120	150	3 Hours
21.	Sanskrit BH-SKT-503 or BH-SKT-504 or BH-SKT-505	DSE-I or DSE-I or DSE-I	/ e Z l e N r , o a r l k or H k r h i f j i g e a O f D e f o d k or MOOC from Swayam Portal	6	1	5	30	120	150	3 Hours
22.	Sanskrit BH-SKT-506 or BH-SKT-507 or BH-SKT-508	DSE-2 or DSE-2 or DSE-2	H k k f o k u d s e y f l 1 4 or v k o z , o a k r o k or MOOC from Swayam Portal	6	1	5	30	120	150	3 Hours
23.	Generic Elective	GE-5		6	1	5	30	120	150	3 Hours
	Total			30	5	25	150	600	750	

Semester VI

Sr. No.	Course	Course Type	Nomenclature	Credits	Tutorial per Week	Teaching Hours per Week	Internal Marks	External Marks	Maximum Marks	Duration of Exam (Hours)
24.	Sanskrit BH-SKT-601	Core	निर्णयः	6	1	5	30	120	150	3 Hours
25.	Sanskrit BH-SKT-602	Core	कविः	6	1	5	30	120	150	3 Hours
26.	Sanskrit BH-SKT-603 or BH-SKT-604 or BH-SKT-605	DSE-3 or DSE-3 or DSE-3	निर्णयः or कविः or MOOC from Swayam Portal	6	1	5	30	120	150	3 Hours
27.	Sanskrit BH-SKT-606 or BH-SKT-607 or BH-SKT-608	DSE-4 or DSE-4 or DSE-4	निर्णयः or कविः or MOOC from Swayam Portal	6	1	5	30	120	150	3 Hours
28.	Generic Elective	GE-5		6	1	5	30	120	150	3 Hours
	Total			30	5	25	150	600	750	

B.A Honours :-

Total Teaching Hours-17+17+22+22+25+25=128

Total Marks=500+500+650+650+750+750=3800

Total Credits = 152

Programme Outcomes (PO) of Bachelor of Arts (General)

CBCS Programmes/Courses in the Institute of Integrated and Honours

Studies, Kurukshetra University, Kurukshetra

PO 1: Demonstrate a detailed knowledge and understanding of selected fields of study in core disciplines in the humanities, social sciences and languages;

PO 2: Apply critical and analytical skills and methods to the identification and resolution of problems within complex changing social contexts.

PO 3: Demonstrate a general understanding of the concepts and principles of selected areas of study outside core disciplines of the humanities, social sciences and languages;

PO 4: Apply an independent approach to knowledge that uses rigorous methods of inquiry and appropriate theories;

PO 5: Articulate the relationship between diverse forms of knowledge and the social, historical and cultural contexts that produced them;

PO 6: Communicate effectively and show ability to read, write, listen to and speak in a chosen language/s with fluency;

PO 7: Act as informed and critically discerning participants within the community of scholars, as citizens and in the work force;

PO 8: Work with independence, self-reflection and creativity to meet goals and challenges in the workplace and personal life.

PSOs of B.A Sanskrit Honours

1. I aÑr Hkk, oa kgR dki fjp;
2. I aÑr Qldj.k, oav uqn ds}jk Hkk dSy dkfodk
3. I aÑr x| &| , oau dsvè ; u }jk Hjr h I aÑr , oadykdk
Kku
4. ufr] / eZ, oan' kZ dsvè ; u }jk Qogkd , oaQol kf; d dSy

Scheme of papers for B.A. Honours the subject of Sanskrit

ch, -&cf "Bj l aÑre} çFelsHkx%(çFcao"lZ)

B.A. Honours in Sanskrit, Part-I (First Year)

çFcl -e~(First Semester)

w.e.f. Session: 2020-2021

CC-Sanskrit-I

BH-SKT-101 , Paper – I : j ?ale-cçpfjre-p

(Raghuvamsham Buddhacharitam Cha)

Credits = 6 i wKÄK%120

v kdfj dew kÄukÄK%30

l e; %3 gsk%

CO-101-I j?kpk~ ,d egdk0; gS ftlea ifrf"Br ,oa ,frgkfld egki#"k ^jke* dk o.ku
fd;k x;k gS A j?kpk~ ds v/;;u ls Hkkjrh; lÄÑfr ,oa bfrgkl dh tkudkjh Nk=ka dks iklr gksh
gA

CO-101-II j?kpk~ ds y[kd egkdfo dkfynkl gS A dkfynkl ds thou] dky rFkk jpukvka
dk ifjp; nuk bl ?kVd dk mÍ\$; gA

CO-101-III cçpfjr ,d egdk0; gA bl egdk0; ds ek;/e ls cç dk thou pfjr rFkk
rRdkyhu lÄÑfr] lekt rFkk bfrgkl dk cks/k bl ds v/;;u ls gksh gS

CO-101-IV dfo ls lEcU/kr ifrHkk rFkk ,frgkfld cks/k ds l kFk&l kFk dk0; ifrHkk rFkk
dk0;&xqk ,oa nkskka dk v/;;u bl ls gksh gA

7Vde&u% j 7qale} çFe%l xZu 24vÄ1%

(d) }; k% ykd; k%OK; kA(2x8=16vÄ1%

([k) l fD &OK; kA(8 vÄ1%

7Vde&u%j 7qak Ec¼adfoaj 7qakaok v kJR , d%v kykpukRed %ç' uA 24vÄ1%

7Vde&u%ç4pfjre} çFe%l xZu 24vÄ1%

(d) }; k% ykd; k%OK; kA(2x8=16vÄ1%

([k) l fD &OK; kA(8 vÄ1%

7Vde&v%ç4pfjrl Ec¼adfoaç4pfjraok v kJR , d%v kykpukRed %ç' uA 24vÄ1%

fo' kfunZu

1. ç'u&i kvf/dre 120 vÄ1adkgs1A30 vÄivkufjd ew kdu dsfy; sfu/ kZr gA
2. ç'u&i k eadg i lp ç'u fn st kxAçRd ç'u 24 vÄ1adkgs1AçFe ç'u i B00e eafu/ kZr pljle 7Vde1ij vk kZr rFk vfuok ZgskAd dsvdxZ y7qntk okysfodYjfg v1B (8) ç'u i Nst kxAçRd y7Vde ç'u rhu (3) vÄ1adkgs1A' ksk plj ç' uaeai B00e dscRd 7Vd l snsoSfM d ç'u fn st kxAij kH2d lsueal scRd 7Vd ds,d , d ç'u dkmk fy[kukgs1A
3. i zu&i kgy djusdkl e; rhu (3) 7Vsgsk1A

—

ç' ui ksfuekZk dsfy; sfunZ%

1. ç' u k eadg i lp (5) ç' u fn st kAç' ui kdsfy; sdg 120 vÄifu/ kZr gA Hhç' u l ekuÄig asv kZ-çRd ç' u plSh (24) vÄ1adkgs1Ai zu&i kgy djusdkl e; rhu (3) 7Vsgsk1A
2. çFe ç' u i B00e dspjle 7Vde eafu/ kZr fo'k l dsvk k; ij cukkt kA; g ç' u vfuok ZgskAd dsvdxZ y7qntk okysfodYjfg v1B (8) ç' u i Nst kAçRd y7Vde ç' u rhu (3) vÄ1adkgs1A
3. f]rh] r]rh] prFZ Fki xpe ç' u d kfuok i B00e ds0e l çFe] f]rh] r]rh] rFk prFZ 7Vd eafu/ kZr fo'k ds vk k; ij fd; kt kAi B00e dscRd 7Vd l snsoSfM d ç' u n d j i j kH2d scRd 7Vd l s, d , d ç' u dkmk fy[kusdlsdgt kA



CC-Sanskrit-2

BH-SKT-102, Paper – II : दक्षिणोत्तर

(Kadambari Vasavadatta Cha)

Credits = 6 i wZAR%120

v kdfj d e w kÄukÄ%30

I e; %3 gsk%

CO-102-I 'kpukl kins'k egkdfo ck.kHKVV }kjk jfpr dknEcjh dk ,d vdk gS A dknEcjh dks lÄÑr lkfgR; dk ife miU;kl dgk tkrk gA 'kpukl kins'k Hkkx ea dfo us ;pkvka dks min'sk fn;k gS fd os : ij ;ksu iHkk'k rFkk ,so;Z ds ifr lko/kku jga A ;g ;pk&volFkk ea iz'sk gks jgs lHkh ;pkvka dks 'nh{kkUr& Hkk"k.k*' ds : i ea fn;k tk ldrk gS A

CO-102-II dfo ls lEcfu/kr ,fgrkl d ,oa 'kpukl kins'k ls lEcfu/kr dk0; Hkkoka dk fo'kn foopu ds }kjk Nk=ka dks dfo ck.kHKVV dk bfrgl ea fo'k'sk LFkk gA ml le; dh lkekftd] lÄÑfrd ,oa vkfFkZd lekt ls Nk=ka dks ck'k djuk A bl ?kVd dk m's; dfo ck.kHKVV dk ifjp; rFkk '^kpukl kins'k*' ea dk0;&dyk ls voxr djuk gS A

CO-102-III lÄÑr lkfgR; dh vud fo/kkvka ea ls ukVd Hkh ,d fo/kk gS ftlea vfHku; fd;k tkrk gS A oklonrk ,d ukVd gS ftlds jpukdj lpa/kq gS A ;g dfo dh ifrHkk ds lkFk&lkFk ,fgrkl d rFkk lkekftd tkudkj Nk=ka dks nrk gS A

CO-102-IV dfo dk thou pfjr rFkk ukV; &xr xqk nk'skka ls voxr djkdj fdu Hkkoka ls ;Dr jpuk dks lkfgR; dh Jskh ea j[kk tk ldrk gS ;g ck'k ikr djkrk gS A

7Vd e&1% ck kHê0% ' kq uk kñnsk%(d kñEj hr %A 24v Ä10%

7Vd e&11%' kq uk kñnsk E¼ay \$da' kq uk kñnskaok v kJ R , d %

v ky kpu kEd %ç' u%A 24v Ä10%

7Vd e&111% qU 0% ok onÜk (pkSkEck fo| k Hou] o k k k h_l u~1954) 24v Ä10%

(d) ^v Fk rkaçf rfoLY0j r s p{kk** (i ò 52) bfr çjH

^i fjt uk yf{k , o r s l g i p{ut zleA* (i ò 63) i ; 0eA(12v Ä10%

([k) ^i fpWlef. kuleksj kLru; %d Wt i sçj fr** (i ò 137) bfr çjH

^ok onÜk l [kt us l eal æqWNA* (i`o 144) i ; 0eA(12v Ä10%

7Vd e&1v%ok onÜk E¼ad foaok onÜkaok v kJ R , d %v ky kpu kEd %

ç' u%A 24v Ä10%

fo' k k funZku

1. ç' u&i ðvf/ dre 120 v Ä1ad k gskA30 v Äiv k djd ew k du dsfy; sfu/ k r gA
2. ç' u&i ðeadg i lp ç' u fñ st k xA çRd ç' u 24 v Ä1ad k gskA çFe ç' u i B00e eafu/ k r p k l a 7Vd l e i j v k k j r r Fk v fuok ZgskAd dsv l dxZ y 7qntk ol y sfod Y j fgr v l B (8) ç' u i Nst k xA çRd y 7k k kEd ç' u r hu (3) v Ä1ad k gskA' k k p k ç' u l e s i B00e d sçRd 7Vd l s n s o s f m d ç' u fñ st k xA i j k k kEd l s t u e a l s çRd 7Vd d s, d , d ç' u d k m k fy[k u k gskA
3. i zu&i ðgy djusd k l e; r hu (3) 7VsgskA

—

ç' ui ðfuekZk d sfy; sfunZk%

1. ç' u ðeadg i lp (5) ç' u fñ st k A ç' u ð dsfy; sdg 120 v Äi fu/ k r gA H ç' u l e k u Äi g s v FkZ-çRd ç' u p l k h (24) v Ä1ad k gskA i zu&i ðgy djusd k l e; r hu (3) 7VsgskA
2. çFe ç' u i B00e d s p k l a 7Vd l e a f u/ k r fo' k k d s v k k i j c u k k t k A; g ç' u v fuok ZgskAd dsv l dxZ y 7qntk ol y sfod Y j fgr v l B (8) ç' u i Nst k A çRd y 7k k kEd ç' u r hu (3) v Ä1ad k gskA
3. f j r h] r r h] p r e z r Fk i x p e ç' u d k f u e k z i B00e d s 0 e' k çFe] f j r h] r r h r Fk p r e z r d e a f u/ k r fo' k d s v k k i j f d; k t k A i B00e d s çRd 7Vd l s n s o s f m d ç' u n s j i j k k kEd s çRd 7Vd l s, d , d ç' u d k m k fy[k u d l s d g k t k A



द्वितीय (Second Semester)

w.e.f. Session: 2020-2021

CC-Sanskrit-3

BH-SKT-201, Paper – III : किरातरजुनियम नितिशताकम चा

(Kiratarjuniyam Nitishatakam Cha)

Credits = 6 i wkZ 120

v kdfj d eW kÄuÄÄ 30

I e; % 3 gsk%

CO-201-I egkd0; ijEijk ea fdjkrktph;e- dk mRN"V LFkku gA egkdfo Hkkjfo }kjk jfpr egkd0; ea jktuhfr] dWuhfr] Iektuhfr rFkk ;Duhfr dk fof'k"V o.kZ gA ;g dk0; vFkZ xkso ds fy, ifl) gA vkn'kZ vkSj 0;ogkj ds }a rFkk vkn'kZ thou eW;k dk IekoSk blea fufgr gA

CO-201-II egkdfo Hkkjfo dk ifjp; rFkk egkd0; dh 'kSyh] xqk vkfn dkv/;;u bl dk mÍs; gS A

CO-201-III HkrZfj }kjk jfpr uhfr'krd ea ys[kd us U;k; rFkk uhfr IEcfU/k 'ykxd iLrq fd, gA tks Nk=k ds fy, 0;kogkfjd egÙo j[krs gS A

CO-201-IV dfoifjp; ,oa Hkk"kk&'kSyh dk vkykpkRed v/;;u Nk=k dh ifrHkk dk fodkl djrk gS A

7Vde&I%fdjkk t qh e} çFe%l xZqμ

24vÄR%

(d) }; k%' ykd; k%OK; kA(2x8=16vÄR%

([k) l fD &OK; kA(8vÄR%

7Vde&I%fdjkk t qh l E¼adfoafdjkk t qh aok v kJR , d%v ky k p u k e d %

ç' u%A

24vÄR%

7Vde&I%ufir' k de~(l E w k e)-μ

24vÄR%

(d) }; k%' ykd; k%OK; kA(2x8=16vÄR%

([k) l fD &OK; kA(8 vÄR%

7Vde&I%ufir' k d l E¼adfoaufir' k d aok v kJR , d%v ky k p u k e d %

ç' u%A

24vÄR%

fo' k k funZkμ

1. ç' u&i k v f / d r e 120 vÄl a d k g s k A 30 vÄi v k d f j d e w l a u d s f y ; s f u / k z r g s

2. ç' u&i k e a d g i l p ç' u f n s t k x A ç R d ç' u 24 vÄl a d k g s k A ç F e ç' u i B O e e a f u / k z r p l k s 7 d l a i j v k l j r r F k v f u o k Z g s k A d d s v l d x z y 7 q n l j o k y s f o d Y j f g r v l B (8) ç' u i N s t k x A ç R d y 7 k j k e d ç' u r h u (3) vÄl a d k g s k A k k p l j ç' u l a e s i B O e d s ç R d 7 d l s n l s o s f m d ç' u f n s t k x A i j k k e d l s b u e a l s ç R d 7 d d s , d , d ç' u d k n l j f y [k u k g s k A

3. i z u & i k g y d j u s d k l e ; r h u (3) 7 k V s g s k A

—

ç' u i k f u e k z k d s f y ; s f u n z k %

1. ç' u k e a d g i l p (5) ç' u f n s t k A ç' u k d s f y ; s d g i 120 vÄi f u / k z r g s l H n ç' u l e k u Ä i g l a s v F k z - ç R d ç' u p l s h (24) vÄl a d k g s k A i z u & i k g y d j u s d k l e ; r h u (3) 7 k V s g s k A

2. ç F e ç' u i B O e d s p l k s 7 d l a e s f u / k z r f o " k l a d s v k l j i j c u k k t k A ; g ç' u v f u o k Z g s k A d d s v l d x z y 7 q n l j o k y s f o d Y j f g r v l B (8) ç' u i N s t k A ç R d y 7 k j k e d ç' u r h u (3) vÄl a d k g s k A

3. f j r h] r r h] p r e z r F k i x p e ç' u d k f u e k z i B O e d s o e ' l ç F e] f j r h] r r h r F k p r e z 7 d e a f u / k z r f o " k d s v k l j i j f d ; k t k A i B O e d s ç R d 7 d l s n l s o s f m d ç' u n l j i j k k e d l s b u e a l s ç R d 7 d l s , d , d ç' u d k n l j f y [k u s d l s d g k t k A



CC-Sanskrit-4

BH-SKT-202, Paper – IV : n' kḍepjpre~f' kojkt fot ; %p

(Dashakumaracharitam Shivarajavijayah Cha)

Credits = 6

i wkÄK%120

v kḍfj dewÄÄK%30

I e; %3 gsk%

CO-202-I IÄNr x| I kfgR; ea n'kḍepjpre uked miU;kl dk LFku vuqe gA blea n'k dḍjka ds Hkæ.k dk orkr gA bls Hkkjr o"kZ ds ipe 'krkCnh ds jktuṣrd] /kkfed] Ikekftd thou ij iḍk'k Mkyk x;k gS A blea lekt ea ipfyr feF;k ekU;rkvka ij igkj fd;k x;k gS A vr% Nk=ka dks bl ds v/;;u Is Hkkjrh; bfrgkl cks'k o vU/kfo'okl ka Is nj jgus dh iḍ.kk nh xbZ gS A

CO-202-II n'kḍepjpre~ ds dfo n.Mh gA bl ?kVd ea muds thou pfjr Is IEcfU/kr rFkk dFkk Is IEcfU/kr vkykpukRed fvli.kh ds ek/;e Is dk0; ds xqk nks'kka rd Ikekftd thou Is IEcfU/kr rF;ka ij iḍk'k Mkyk x;k gS A

CO-202-III f'kojktfot; vk/kḍud Hkkjr ds Ikekftd rFkk jktuṣrd thou ds I kFk&I kFk Hkkjr ea vuḍ o"kkæ Is vLFkjr dh tks fLFkfr pyh vk jgh gS ml ij iḍk'k Mkyrk gS A bls Nk=ka dks 16oha rFkk 17oha 'krkCnh ds Hkkjrh; jktuṣrd okrkj.k dk irk pyrk gS A blea ohj f'kokth dk epyka Is Iḍk'kZ ,oa fot; dk o.ku gA

CO-202-IV f'kojktfot; vk/kḍud Ie; ds ys[kd vfeCdknÜk 0;kl }kjk jfpr miU;kl I kfgR; ds vUrxr vkrk gS A blea ys[kd ds thou pfjr Is IEcfU/kr rFkk ÄNr Is IEcfU/kr vkykpukvka dks fy;k x;k gA bls I kfgR; cks'k ea Igk;rk feyrh gA

7Vde&1% n' k d e k p f j r e } ç F e k N e k % μ 24 v Ä 1 %

(d) x | k k & O k ; k A (16 v Ä 1 %

([k) i e D r & O k ; k A (8 v Ä 1 %

7Vde&11% n' k d e k p f j r l E c ¼ ad fo a n' k d e k p f j r a o k v k U R , d % v k y k p u k e d %

ç' u A 24 v Ä 1 %

7Vde&111% f k o j k f o t ; % ç F e k s f u % o k % μ 24 v Ä 1 %

(d) x | k k & O k ; k A (16 v Ä 1 %

([k) i e D r & O k ; k A (8 v Ä 1 %

7Vde&1v% f k o j k f o t ; l E c ¼ a y \$ k d a f k o j k f o t ; a o k v k U R , d %

v k y k p u k e d % ç' u A 24 v Ä 1 %

fo' k k f u n k u

1. ç' u & i k v f / d r e 120 v Ä i e d k g s k A 30 v Ä i v k d f j d e w l e d u d s f y ; s f u / k j r g s

2. ç' u & i k e a d g i l p ç' u f n , s t k x A ç R d ç' u 24 v Ä i e d k g s k A ç F e ç' u i B O e e a f u / k j r p l k s 7 V d l e i j v k k j r r F k v f u o k Z g s k A d d s v l d x Z y 7 q n l k o k y s f o d Y j f g r v l B (8) ç' u i N s t k x A ç R d y 7 k j k e d ç' u r h u (3) v Ä i e d k g s k A k k p l k ç' u l e a i B O e d s ç R d 7 V d l s n l s o s f y d ç' u f n , s t k x A i j k k F z d l s u e a l s ç R d 7 V d d s , d , d ç' u d k n l k f y [k u k g s k A

3. i z u & i k g y d j u s d k l e ; r h u (3) 7 V s g s k A

—

ç' u i k f u e k Z k d s f y ; s f u n k u

1. ç' u i k e a d g i l p (5) ç' u f n , s t k A ç' u i k d s f y ; s d g i 120 v Ä i f u / k j r g s l H n ç' u l e k u Ä i g l a s v F k z - ç R d ç' u p l k s i (24) v Ä i e d k g s k A i z u & i k g y d j u s d k l e ; r h u (3) 7 V s g s k A

2. ç F e ç' u i B O e d s p l k s 7 V d l e a f u / k j r f o ' k l a d s v k l i j c u k k t k A ; g ç' u v f u o k Z g s k A d d s v l d x Z y 7 q n l k o k y s f o d Y j f g r v l B (8) ç' u i N s t k A ç R d y 7 k j k e d ç' u r h u (3) v Ä i e d k g s k A

3. f j r h] r r h] p r e z F k i x p e ç' u d k f u e k i B O e d s O e ' k ç F e] f j r h] r r h r F k p r e z 7 V d e a f u / k j r f o ' k d s v k l i j f d ; k t k A i B O e d s ç R d 7 V d l s n l s o s f y d ç' u n l j i j k k F z s ç R d 7 V d l s , d , d ç' u d k n l k f y [k u s d l s d g k t k A

दक्षिणोऽफोऽप्यः दक्षिणे-
KURUKSHETRA UNIVERSITY KURUKSHETRA

च, अर्थात् "B" I अन्ते- f}rh lsHkx%(f}rh ao"lZ)

B.A. Honours in Sanskrit, Part-II (Second Year)

रिहल-
Third Semester

2021-2022 | अ (w.e.f. Session : 2021-2022)

CC-Sanskrit-5

BH-SKT-301, Paper – V : Lokuṭ onṭe~

(Svapnavasavadattam)

Credits = 6

i wkÄK%120

v kdfj dew kÄukÄK%30

l e; %3 gjsk%

7Vd e&r% Hk % Lokuṭ onṭe~ 24v ÄK%

(d) l çl aOK; k@uqnA(16 v ÄK%

(l k) vdl k%A(8 v ÄK%

7Vd e&r% Lokuṭ onṭe~ E: %ay \$kd aLokuṭ onṭe~ aok v kJ R , d %

v ky kpuRed %ç' uA

24v ÄK%

7Vd e&r% Lokuṭ onṭe~ i k k kapj f p k leA

24v ÄK%

7Vd e&r% Lokuṭ onṭe~; q r k% i k j Hk f "k d' k k %u

24v ÄK%

l v k j % uk r h k % fon'ld % ç l r louk] fo" d E l d e}

v k/ d k j d oṭe} ç k f Ä d oṭeA

fo' k k funZu

1. ç u&i kvf/ dre 120 v Äk gskA 30 v Äi v kdfj dew k d u dsfy; sfu k r gA

2. ç u&i k ead y i k ç u f n st k x A ç Rd ç u 24 v Äk gskA ç Fe ç u i B Ç e eafu k r p k l e 7Vd i j v k k j r r Fk v fuok Zg k A d dsv l x Z y q n k okysfod Y j fgr v B (8) ç u i Nst k x A ç Rd y 7Vd e ç u r h u (3) v Äk gskA k k p j ç u l e a i B Ç e d sç Rd 7Vd l snso S f d ç u f n st k x A i j k k k Z d l s b e a l sç Rd 7Vd ds, d , d ç u d k n k fy l k gskA

3. ç u&i kgy d j u s d k l e; r h u (3) 7Vd gskA

ç' ui k f u e k z k d s f y ; s f u n z k

1. ç' ui k e a d y i l p (5) ç' u f n s t k A ç' ui k d s f y ; s d y 120 v Ä i f u / r g s I H n ç' u l e k u Ä i g s v f k z - ç R d ç' u p l e h (24) v Ä i d k g s k A i z u i k g y d j u s d k l e ; r h u (3) k V s g s k A
2. ç F e ç' u i B O e d s p k l e k d e a f u / r f o " k l e d s v k l j i j c u k k t k A ; g ç' u v f u o k Z g s k A d d s v l d x z y ? q m l k o k y s f o d Y j f g r v l B (8) ç' u i N s t k A ç R d y ? k R e d ç' u r h u (3) v Ä i d k g s k A
3. f j r h] r i r h] p r e z F k i x p e ç' u d k f u e k z k i B O e d s o e ' l e ç F e] f j r h] r i r h r F k p r e z k d e a f u / r f o " k d s v k l j i j f d ; k t k A i B O e d s ç R d k d l s n s o s f m d ç' u n d j i j k k z s ç R d k d l s , d , d ç' u d k m l k f y [k u s d l s d g k t k A



CC-Sanskrit-6

BH-SKT-302 ,Paper – VI : d k o n f i d k o u j R i d j % p

(Kavyadipika Vrittataratnakarah Cha)

Credits = 6

i w k Ä i e % 120

v k d f j d e w k Ä u k Ä i e % 30

l e ; % 3 g l s k %

- | | |
|---|--------------|
| k d e s i % d k o n f i d k u ç F e f k k A | 24 v Ä i e % |
| k d e s i % d k o n f i d k u f j r h f k k A | 24 v Ä i e % |
| k d e s i % d k o n f i d k u r i r h f k k (' y k l i ä ; k 1 µ 20) % | 24 v Ä i e % |
| v k l p u k e d % ç' u A | |
| k d e s i v % o u j R i d j % µ v / k y f [k k f u N u k d µ | 24 v Ä i e % |
| v k k z v u o m l b u n o t k m i n o t k m i t k r % o a k l F e } n f o y f e c r e } | |
| H q a i z k e } o l l f r y d k e k y u h] i p l e j e } f k k j . k e u k o u k | |
| ' k n z f o o h i m e } l z j k i q i r k k A | |

fo' k k f u n z k

1. i z u i k v f / d r e 120 v Ä i d k g s k A 30 v Ä i v k d f j d e w k d u d s f y ; s f u / r g s
2. i z u i k e a d y i l p ç' u f n s t k A ç R d ç' u 24 v Ä i d k g s k A ç F e ç' u i B O e e a f u / r p l e k d l e i j v k k f r r F k v f u o k Z g s k A d d s v l d x z y ? q m l k o k y s f o d Y j f g r v l B (8) ç' u i N s t k A ç R d y ? k R e d ç' u r h u (3) v Ä i d k g s k A ' k p l j ç' u l e a i B O e d s ç R d k d l s n s o s f m d ç' u f n s t k A i j k k z l s b u a l s ç R d k d d s , d , d ç' u d k m l k f y [k u k g s k A
3. i z u i k g y d j u s d k l e ; r h u (3) k V s g s k A

ç'ui k&fuekZk dsfy; sfunZ%

1. ç'ui k&eady i lp (5) ç'ui fn st k&ç'ui k&dsfy; sdg 120 vÄi fu/ l&r g&I Hn ç'ui l ekuÄi g&sv RkZ-ç&Rd ç'ui pl&h (24) vÄi adk&g&I Ai zu&i k&gy djusdkl e; rhu (3) k&V&g&I A
2. ç&fe ç'ui i B&O&e dsp&I&A v&I&e&fu/ l&r fo'k& adsv k&I ij cu&k&kt k&A; g ç'ui vfuo&k Z&g&I Ad dsv l&xZ y&?&nl& okysfod Y&j&f&r v&B (8) ç'ui i N&st k&A&ç&Rd y&?&nl&Red ç'ui rhu (3) vÄi adk&g&I A
3. f&r h] r&r h] pr&f&Z&F&ki x&pe ç'ui dk&fue&Z&ki B&O&e ds&O&'&ç&fe] f&r h] r&r h] r&F&k pr&f&Z&F&I v&I&e&fu/ l&r fo'k& ds v&k&I ij fd; kt k&Ai B&O&e ds&ç&Rd k&I l sn&so&f&Y&d ç'ui n&sj ij h&I&F&Z& s&ç&Rd k&I l s, d , d ç'ui d&kn&I& fy[kus&l&sd&g&t k&A



CC-Sanskrit-7

BH-SKT-303, Paper – VII : o&nd l k&g&Re~

(Vaidikasa&hityam)

Credits = 6

i wk&Ä&I& 120

v&I&f&j&d&ew& k&Ä&u&Ä&I& 30

I e; %3 g&I&e&

k&V&d&e&I& l f&g&r&ku ½&X&os&I&; t o&Z&I& l&eos&I& v&Fo&Z&ns&A	24 v&Ä&I&e&
k&V&d&e&I& c&I&A& k&fu] v&I&.; d&f&u p&A	24 v&Ä&I&e&
k&V&d&e&I& n&I& fu"n&A	24 v&Ä&I&e&
k&V&d&e&I& v&os&I& k&fu&A	24 v&Ä&I&e&

fo' k&fun&Z&ku

1. i zu&i k&vf/ dre 120 vÄi adk&g&I A 30 vÄi v&I&f&j&d&ew& l&u dsfy; sfu/ l&r g&I
2. i zu&i k&eady i lp ç'ui fn st k&ç&ç&Rd ç'ui 24 vÄi adk&g&I A ç&fe ç'ui i B&O&e e&fu/ l&r pl&I&A v&I&e&ij v&k&I&r r&F&k vfuo&k Z&g&I Ad dsv l&xZ y&?&nl& okysfod Y&j&f&r v&B (8) ç'ui i N&st k&ç&ç&Rd y&?&nl&Red ç'ui rhu (3) vÄi adk&g&I A k&I& pl&I& ç'ui l&e&si B&O&e ds&ç&Rd k&I l sn&so&f&Y&d ç'ui fn st k&ç&ç&I ij h&I&F&Z& l&sb&e&al s&ç&Rd k&I l ds, d , d ç'ui d&kn&I& fy[l&u&g&I&A
3. i zu&i k&gy djusdkl e; rhu (3) k&V&g&I& A

—

ç'ui k&fuekZk dsfy; sfunZ%

1. ç'ui k&eady i lp (5) ç'ui fn st k&ç&ç&I k&dsfy; sdg 120 vÄi fu/ l&r g&I Hn ç'ui l ekuÄi g&sv RkZ-ç&Rd ç'ui pl&h (24) vÄi adk&g&I A i zu&i k&gy djusdkl e; rhu (3) k&V&g&I& A

2. चरे च' u i B00e dspjle 7 d leesu/ 7r fo'k ds sv k ij cu k kt k A; g ç' u vfuok ZgskAd dsv dxZ y 7 qmñ
okysfod Yjfg v B (8) ç' u i Nst k AçRd y 7 NkRed ç' u rhu (3) v Älad k gskA
3. f]rh] rih] pr 7r Fki xpe ç' u dk fuelZ ki B00e ds 0e' l % ç' Fe] f]rh] rih] r Fk pr 7r 7 d esu/ 7r fo'k ds
vk k ij fd; kt k Ai B00e ds ç' Rd 7 d l snso 8 fyd ç' u n d j i j h k h Z sç' Rd 7 d l s, d , d ç' u d kmñ
fy[kusd lsd gkt k A



pr 7r Ze~

Fourth Semester

w.e.f. Session : 2021-2022

CC-Sanskrit-8

BH-SKT-401, Paper – VIII : v fHkku' kd bye~

(Abhijnanashakuntalam)

Credits = 6

i wkÄÄ%120

v kdfj dew kÄÄÄ%30

l e; %3 gsk%

- | | |
|---|----------|
| 7 d e & r % egld fo % d k f y n k % v f H k k u ' k d b y e ~ (l E v e) - µ | 24 v ÄÄ% |
| l çl æ a' y l d Q k ; k A | |
| 7 d e & r % v f H k k u ' k d b y e ~ (l E v e) - µ l d Q k ; k A | 24 v ÄÄ% |
| 7 d e & r % v f H k k u ' k d b y e ~ (l E v e) - µ v k y p u r e d % ç' u 0 d l j % | |
| p f j æ f p æ k l e A | 24 v ÄÄ% |
| 7 d e & r % v f H k k u ' k d b y e ~ (l E v e) - µ d sç; 0 p % k j H k ' d ' k Q % µ | 24 v ÄÄ% |
| U k d H s k % (/ h j k l U % / h j k / r % / h j ' k l U % / h j y f y r %) | |
| i r k d k l F k u d e j pr 7r Ze ~ v f H u; e j v l d k k H k ' k r e j u s F; e j | |
| t u k l u d e j v i o k j r e j H j r o k D e A | |
- fo' k k fun 7 ku

1. i zu 8i æ v f / dre 120 v Älad k gskA 30 v Äiv kdfj dew k d u ds fy; sfu/ 7r g s
2. i zu 8i æ ead y i l p ç' u f n; st k x AçRd ç' u 24 v Älad k gskA ç' Fe ç' u i B00e esu/ 7r plje 7 d le i j vk k j r
r Fk vfuok ZgskAd dsv dxZ y 7 qmñ okysfod Yjfg v B (8) ç' u i Nst k x AçRd y 7 NkRed ç' u rhu (3)
v Älad k gskA l k p j ç' u l e s i B00e ds ç' Rd 7 d l snso 8 fyd ç' u f n; st k x AçRd i j h k h Z sç' Rd 7 d l s, d , d ç' u d kmñ
fy[l u k gskA
3. i zu 8i æ g y d j u s d k l e; rhu (3) 7 V s gskA

ç' ui -k f u e k Z k d s f y ; s f u n Z %

1. ç' u i -k e a d g i l p (5) ç' u f n , s t k , A ç' u i -k d s f y ; s d g 120 v Ä i f u / k r g s H ç' u l e k u Ä i g l a s v R k Z -ç R d ç' u p l e h (24) v Ä i e d k g s k A i z u ð i -k g y d j u s d k l e ; r h u (3) ? k V g s k A
2. ç F e ç' u i B O e d s p l e ? d l e e s f u / k r f o ' k l e d s v k l j i j c u k k t k A ; g ç' u v f u o k Z g s k A d d s v l d x Z y ? q n l j o l y s f o d Y j f g r v l B (8) ç' u i N s t k , A ç R d y ? k l e d ç' u r h u (3) v Ä i e d k g s k A
3. f j r h] r r h] p r e Z F k i x p e ç' u d k f u e k Z i B O e d s O e ' l e ç F e f j r h] r r h r F k p r e Z ? d e s f u / k r f o ' k d s v k l j i j f d ; k t k A i B O e d s ç R d ? d l s n s o s F y d ç' u n j i j h k F Z s ç R d ? d l s , d , d ç' u d k n l j f y [k u s d l s d g k t k A



CC-Sanskrit-9

BH-SKT-402, Paper – IX : I k g R n i Z e ~

(Sahityadarpanam)

Credits = 6

i w k Ä i % 120

v k d f j d e w k Ä u k Ä i % 30

l e ; % 3 g l s k %

- | | |
|--|------------|
| ? d e & i % f o ' o u k F % I k g R n i Z e ~ r r h % i f j F n s % d k f j d k % 1-20 | 24 v Ä i % |
| ? d e & i % I k g R n i Z e ~ " k B % i f j F n s % d k f j d k % 1-20 | 24 v Ä i % |
| ? d e & i i % I k g R n i Z e ~ v / k y f [k k % v y d k k % | 24 v Ä i % |
| v u q k % ; e d e j o o k d % ' y s k % n i e k : i d e j l u s g % | |
| H k u e k A | |
| ? d e & i v % I k g R n i Z e ~ v / k y f [k k % v y d k k % | 24 v Ä i % |
| m e s k j v f r ' k k d % v F k Z j U k % d k O f y Ä e j f o h k o u l j | |
| f o ' k k d % f o j k s % v F k Z f u A | |

f o ' k k f u n Z k u

1. i z u ð i -k v f / d r e 120 v Ä i e d k g s k A 30 v Ä i v k d f j d e w k d u d s f y ; s f u / k r g s
2. i z u ð i -k e a d g i l p ç' u f n , s t k , A ç R d ç' u 24 v Ä i e d k g s k A ç F e ç' u i B O e e s f u / k r p l e ? d l e i j v k l j r r F k v f u o k Z g s k A d d s v l d x Z y ? q n l j o l y s f o d Y j f g r v l B (8) ç' u i N s t k , A ç R d y ? k l e d ç' u r h u (3) v Ä i e d k g s k A ' k k p l j ç' u l e s i B O e d s ç R d ? d l s n s o s F y d ç' u f n , s t k , A i j h k F Z d l s b u e l s ç R d ? d d s , d , d ç' u d k n l j f y [k u g s k A

3. i zu& kgy djusdki e; rhu (3) ?kVsglskA

Ç'ui k'uekZk d sfy; sfunZk&

1. ç'ui-keadg ilp (5) ç'u fn, st k, Aç'ui-ksdfy; sdg 120 vÄi fu/ l7r gÄI Hn ç'u l ekÄi gläs v fZ-çRd ç'u plsh (24) vÄi ad kgls Ai zuÄi kgy djusdkle; rhu (3) 7kVsglsA
2. çFe ç'u i BÖÖe dspjls 7Äd eefu/ l7r fo'k lsdsvk k ij cukkt kA; g ç'u vfuok ZsglsAd dsvltxZ y 7qnlk olksfodYljfgr vIB (8) ç'u i Nst k, AçRd y 7Äi kAd ç'u rhu (3) vÄi ad kglsA
3. f]rh] rñh] pr fZr Fki xpe ç'u dkfueZki i BÖÖe dsÖe l'çFe] f]rh] rñh rFk pr fZr 7Äd eefu/ l7r fo'k ds vvk k ij fd; kt k Ai BÖÖe dsçRd 7Äd l srksöfM d ç'u ndj i jñkZ sçRd 7Äd l s, d , d ç'u dknñk fy[ksdlsd gkt kA



CC-Sanskrit-10

BH-SKT-403, Paper – X : | aÑr &egld kQd k j k% x| d k j k% uVQd k j k% q

(Samskrita-Mahakavyakarah, Gadyakarah, Natyakarah Cha)

Credits = 6

120

v krdj d ewy kÄükÄk/30

le; %3 gjsk%

7Vde&1% l aÑr EgdK d d k k%u okYefid% Qk % d k f y n k % v' o 7KSA 24vÄR%

7Vde&U% l aÑr Egd k O d k k%u Hkifo%ek7% Jhg"KZA 24v Äk%

7Vde&III% | aÑRx| dk%µ ckHê% n.M| | qU% vfEdkñUOK % 24vÄP%

7vd e&rv% l aÑr ukÔd jk%µ Hkk % d kfy nk % ' knz % HoHkn %

Jhg"Z/ Z%A

24V $\ddot{A}k\%$

fo' ksk funzku

1. i zu8i kvf/ dre 120 vÄledkgsA30 vÄivkufjd ew ldu dsfy; sfu/ k7r gA
2. i zu8i kedsy i kp ç'u fn st kxÄçRd ç'u 24 vÄledkgsAçFe ç'u i BÖÖe esfu/ k7r pljA?Äleij vk k7r rFk vfuok ZgksA d dsv ldxZ y?Änük okysfod Yjfg r vIB (8) ç'u i Nst kxÄçRd y?ÄkRed ç'u rhu (3) vÄledkgsA' k k plj ç'u l eai BÖÖe d sçRd ?Äd l snksöfM d ç'u fn st kxÄij k7rZ dsbueal sçRd ?Äd ds, d , d ç'u d knük fy[kugksA
3. i zu8i kgy dju s d k l e; rhu (3) ?ÄVsgksA

ç' ui k&fuekZk dsfy; sfunZ&

1. ç' ui k&eadg i lp (5) ç' u fn, st k, A ç' ui k&dsfy; sdg 120 vÄi fu/ kZr g&I Hn ç' u l ek uÄi g&sv RkZ-çRd ç' u pl&h (24) vÄi&dkg&Ai zu&i kgy djusdkl e; rhu (3) ?kV&g&A

2. çRe ç' u i B&De dspj&A&le&fu/ kZr fo'k&dsvk k ij cu&kt kA; g ç' u vfuok Z&sk&Ad ds v ldxZ y ?m&ly oksfod Yjfg v lB (8) ç' u i N&st k, A çRd y ?m&ly&ed ç' u rhu (3) vÄi&dkg&A

3. f]rh] rih] pr&Zr Rk i xpe ç' u dkfuekZk i B&De ds Oe' l&çRe] f]rh] rih r Rk pr&Zr k&le&fu/ kZr fo'k&ds vk k ij fd; kt kAi B&De ds çRd ?&Id l sn&so&fYd ç' u ndj i jh&R&Z sçRd ?&Id l s, d , d ç' u dkn&ly fy[kusd lsdgkt kA



ch, -&çfr "B] l ãÑre] r r h kshkx%(r r h ao"lZ)

B.A. Honours in Sanskrit, Part-III (Third Year)

i xpel +e~(Fifth Semester)

(w.e.f. Session: 2022-2023)

CC-Sanskrit-11

BH-SKT-501, Paper – XI : l fgr k Qkdj. le-n' kxp

(Samhita Vyakaranam Cha)

Credits = 6 i wkÄÄ%120

v kdfj dew kÄükÄÄ%30

l e; %3 gsk%

¶Vd e&i% ½Xosl fgr ku 24v ÄÄ%

1.1 v fXul Wre] 2.12 bae Wre] 10.121 fgj. ; xHkZ W]

10.191 l kkul WreA

(d) }; k%euk k%Ok; kA(2x8=16v ÄÄ%

([k] l W l k] %or k&i fjp; %A(8 v ÄÄ%

¶Vd e&i%v FoZsl fgr ku 12.1.1-20 Hfel WreA 24v ÄÄ%

(d) }; k%euk k%Ok; kA(2x8=16 v ÄÄ%

([k] l W & k] %eukal; foopueA(8v ÄÄ%

¶Vd e&i%oñd Hk'k k%oSK'Ve] y sy d k] %r eHd çR; k%

Loj &i fjp; %(mkU% v uqU% Lofjr %A

24v ÄÄ%

¶Vd e&iv%rd Zaz%(i nHfoopue] nQ &xqkfoopue] i R{k kM%A 24v ÄÄ%

fo' kskfunZku

1. ç'u&i kvf/dre **120** vÄädkgskA**30** vÄivkdfj dew kdu dsfy; sfu/ kZr gA

2. ç'u&i k eadg i kp ç'u fn st kxçRd ç'u **24** vÄädkgskAçFe ç'u i BÖe eafu/ kZr plks¶Vd isij
vk kZr rFk vfuok ZgskAd dsvldxZ y?ntk, olysfo dYjfg v iB (8) ç'u i Nst kxçRd y?ntk ç'u rhu
(3) vÄädkgskA' ksk plç uaeai BÖe dçRd ¶Vd l snsofM d ç'u fn st kxçRd isij kHd isueal çRd
¶Vd ds,d ,d ç'u dkmk fy[kukgskA

3. iZu&i kgy djudskle; rhu (3) ¶VsgskA

—

ç' ui k&fuekZk dsfy; sfunZ%

1. ç' ui k&eady i lp (5) ç' u fr st kAç' ui k&dsfy; sdg 120 vÄi fu/ l&r g&I Hn ç' u l ekuÄi g&sv R&Z-c&R&d ç' u pl&h (24) vÄi&dkg&A i zu&i k&gy djusdkl e; rhu (3) ?kV&g&A
2. ç&fe ç' u i B&O&e dsp&A?Ä&leafu/ l&r fo" k&edsv&k& ij cuk&kt k&A; g ç' u vfuok Z&g&A d dsv&dx&Z y&?q n&ij okysfod Y&j&gr v&B (8) ç' u i N&st k&Aç&R&d y&?Ä&Red ç' u rhu (3) vÄi&dkg&A
3. f&r&h] r&h] pr&Z&F&ki x&pe ç' u dk&fuek&Z&i B&O&e ds&O&' l&ç&fe] f&r&h] r&h r&F&ki pr&Z&Ä&eafu/ l&r fo" k& ds v&k& ij fd; kt k&A i B&O&e ds&ç&R&d ?Ä& l sn&so&f&yd ç' u n&j i j&h&Z& s&ç&R&d ?Ä& l s, d , d ç' u dk&n&ij fy[kus&ds&g&kt k&A



CC-Sanskrit-12

BH-SKT-502, Paper – XII : y&?Ä& ¼&rd&sch fucU %p

(Laghusiddhantakaumudi Nibandhah Cha)

Credits = 6

i wk&Ä& 120

v&rd&j&de&w&Ä&uk&Ä& 30

l e; %3 g&sk&

?Ä&de&u&% ojn&j&k % y&?Ä& ¼&rd&schu l &ç&d&j. leA 24vÄ&Ä&%

(d) }; k&ol v&k&ol k&ol&j. ka&O&k ; k&A (2x8=16vÄ&Ä& %

([k& l &k& ; l &E ¼&%, d %v&ky& k&u&red %ç' u&A (2x4=8vÄ&Ä& %

?Ä&de&u&% y&?Ä& ¼&rd&schu l fU&ç&d&j. leA 24vÄ&Ä&%

(d) }; k&ol v&k&ol k&ol&j. ka&O&k ; k&A (2x8=16vÄ&Ä& %

([k& : i } ; L; l l v&af&l f¼&A (2x4=4vÄ&Ä& %

?Ä&de&u&% y&?Ä& ¼&rd&schu fr Ä&U&ç&d&j. leA 24vÄ&Ä&%

v/ k&y&f[k&u&a/ k&u&a&sy&ay&v&y& k&y&v&y& Ä&f&of/ fy&Ä&y&d&k&S&q

fl ¼& i k&. ku

√H&w/, / } √N&] √p&j&A

?Ä&de&u&v&% Ä&N&re&k&e& es fucU %A 24vÄ&Ä&%

fo' k&k&fun&Z&ku

1. ç' u&i k&vf/ dre 120 vÄi&dkg&A 30 vÄi&v&rd&j&d ew&ld&u&dsfy; sfu/ l&r g&A

2. ç' u&i k&eady i lp ç' u fr st k&Aç&R&d ç' u 24 vÄi&dkg&A ç&fe ç' u i B&O&e eafu/ l&r pl&A?Ä&le&ij v&k& l&r r&F&ki vfuok Z&g&A d dsv&dx&Z y&?q n&ij okysfod Y&j&gr v&B (8) ç' u i N&st k&Aç&R&d y&?Ä&Red ç' u rhu (3) vÄi&dkg&A' k&k&pl&j ç' u&e&ai B&O&e ds&ç&R&d ?Ä& l sn&so&f&yd ç' u fr st k&A i j&h&Z& l&sb&e&al s&ç&R&d ?Ä& l ds, d , d ç' u dk&n&ij fy[k&k&g&A

3. i zuṣi kgy djuṣdkl e; rhu (3) ?VsgksA

—

ç' ui kfuēkZk dsfy; sfunZk

1. ç' ui k eadg i lp (5) ç' u fn st kAç' ui k dsfy; sdg 120 vÄi fu/ r gAl Hn ç' u l ekuÄi gsv RZ-çRd ç' u plSh (24) vÄi adk gksA i zuṣi kgy djuṣdkl e; rhu (3) ?VsgksA
2. çFe ç' u i BÖe dspjle ?Vd eafu/ r fo" k l dsv k l j ij cuk kt kA; g ç' u vfuok ZgksA d dsv l dxZ y ?q mñk okysfod Yjfor vB (8) ç' u i Nst kAçRd y ?Vd eafu/ r fo" k ds ç' u rhu (3) vÄi adk gksA
3. f]rh] r]rh] pr qZ r k i xpe ç' u dkfuēk i BÖe ds Öe l çFe] f]rh] r]rh] r f k pr qZ r k eafu/ r fo" k ds v k k ij fd; kt kA i BÖe ds çRd ?Vd l snso fM d ç' u n d j ij h k rZ çRd ?Vd l s, d , d ç' u d k mñk fy[kusd l d gk t kA

☀

DSE-Sanskrit-1

B.A Sanskrit Honours (Third Year)

Fifth Semester

w.e.f. Session : 2022-2023

BH-SKT-503 / ke l l h—fr , oan'ku

Credits = 6

i wÄi 120

v k d f d ew kÄu kÄ 30

l e; % g d k %

?kVd&1% JhenHkxonxkhrk & }kn'k v/; k; ¼ Ei wÄi &24 vÄi

?kVd&2% ikrYty ; kx l w] l k/kuikn& l w 29&55

&24 vÄi

?kVd&3% "kM'k l l d k j k a d k egüo

&24 vÄi

?kVd&4% eu l efr] v"Ve v/; k;

&24 vÄi

fo' k k funZu

1. ç' uṣi kvf/ dre 120 vÄi adk gksA 30 vÄi v k d f d ew kÄu d sfy; sfu/ r gAl
2. ç' uṣi k eadg i lp ç' u fn st kAçRd ç' u 24 vÄi adk gksA çFe ç' u i BÖe eafu/ r pñk ?Vd eafu/ r v k k ij r f k vfuok ZgksA d dsv l dxZ y ?q mñk okysfod Yjfor vB (8) ç' u i Nst kAçRd y ?Vd eafu/ r fo" k ds ç' u rhu (3) vÄi adk gksA k k plj ç' u l eai BÖe ds çRd ?Vd l snso fM d ç' u fn st kA i h k rZ çRd ?Vd ds, d , d ç' u d k mñk fy[kugksA
3. i zuṣi kgy djuṣdkl e; rhu (3) ?VsgksA

ç' ui ¼ f u e k Z k d s f y ; s f u n ¼ ¼

1. ç' u i ¼ e a d g i l p (5) ç' u f n ; s t k A ç' u i ¼ d s f y ; s d g 120 v Ä i f u / k r g s l H ç' u l e k u Ä i g l a s v f k Z - ç R d ç' u p l a h (24) v Ä i e d k g s k A i z u i ¼ k g y d j u s d k l e ; r h u (3) ¼ V s g s k A
2. ç f e ç' u i B O e d s p l e ¼ d l e a f u / k r f o " k l e d s v k k i j c u k k t k A ; g ç' u v f u o k Z g s k A d d s v l d x z y ¼ n l k o k y s f o d Y j f g r v B (8) ç' u i N s t k A ç R d y ¼ k e d ç' u r h u (3) v Ä i e d k g s k A
3. f j r h] r r h] p r e ¼ r f k i x p e ç' u d k f u e k Z i B O e d s o e ¼ ç f e] f j r h] r r h r f k p r e ¼ r d e a f u / k r f o " k d s v k k i j f d ; k t k A i B O e d s ç R d ¼ d l s n s o s f y d ç' u n d j i j h k k h z s ç R d ¼ d l s , d , d ç' u d k n l k f y [k u s d k s d g k t k A

i B u h ; i l r d s %

- 1- J h e n H k x o n x k h r k] r l o f o o p u h V h d k] x h r k i 8] x k j [k i j
- 2- i k r t y ; k s i n h i] e k r h y k y c u k j l h n k l] u b z f n Y y h
- 3- f g l n q l l d k j] j k t c y h i k . M s
- 4- e u l e f r

OR

DSE-Sanskrit-I

B.A Sanskrit Honours (Third Year)

Fifth Semester

w.e.f. Session : 2022-2023

BH-SKT-504 Indian Perspectives in Personality Development

H k j r h ; i f j i ; e a 0 ; f D r R o f o d k l

Credits = 6

i w k Ä i ¼ 120

v k d f j d e w k Ä u k Ä i ¼ 30

l e ; % 3 g l s k %

¼ k V d & 1 %

, f r g k f l d i f j i ;

& 24 v Ä i

__ X o n & 1-244-37

N k l u n k ; k i f u ' k n 6-2-3] 6-8-6] 8-1-4

c g n k j . ; d k i f l u k ' k n 2-5] 18 & 19

¼ k V d & 2 %

e k u o d h v o / k j . k k

& 24 v Ä i

X k h r k] i F k e v / ; k ;] 1 & 30

{ k s - & { k s - K f o p k j] x k h r k] v / ; k ; 13] 1 & 2] 5 & 6] 19 & 23

{ k j & v { k j f o p k j] x k h r k] v / ; k ; & 15 ¼ E i w k l z

?kVd&3% de, kx] xhrk&v/; k; &2
 ?kVd&4% ekuo&0; ogkj&i fj "kkku
 Xhrk] v/; k; &18] 41&62

&24 vÄi
 &24 vÄi

fo' k'k fun&u

1. ç'u&i k&vf/ dre 120 vÄi&dkg&A30 vÄi&v&dfjd e&v&du dsfy; sfu/ k&r g&
2. ç'u&i k&eadg i k& ç'u fn; st k&Aç&Rd ç'u 24 vÄi&dkg&Aç&Fe ç'u i B&De eafu/ k&r
 pl&la&v&lei j v&k&fj r&F&v&fu&k&Z&g&A&d ds&v&dx&Z y&?&qn&ly& ok&sfod&Y&j&fg v&B (8) ç'u i N&s
 t k&Aç&Rd y&?&N&ke&d ç'u rhu (3) vÄi&dkg&A' k&k&pl&j ç'u u&ae&i B&De ds&ç&Rd ?&N&d l sn&s
 o&sf&Y&d ç'u fn; st k&A&i j&h&k&F&Z&d&s&ue&l s&ç&Rd ?&N&d ds, d , d ç'u dk&n&ly& fy[k&g&A
3. i&zu&i k&gy dj&us&dk&l e; rhu (3) ?&V&g&A

ç' ui k&fue&k&Z&d&sfy; sfun&Z&e&

1. ç' ui k&eadg i k& (5) ç'u fn; st k&Aç& ui k&dsfy; sdg 120 vÄi&fu/ k&r g&A H&h ç'u l e&ku&Äi
 g&A&sv&F&Z&-ç&Rd ç'u pl&Sh (24) vÄi&dkg&A&i&zu&i k&gy dj&us&dk&l e; rhu (3) ?&V&g&A
2. ç&Fe ç'u i B&De ds&pl&la&v&le&afu/ k&r fo'k&ed&sv&k&j ij cu&k&kt&k&A; g ç'u v&fu&k&Z&g&A
 d ds&v&dx&Z y&?&qn&ly& ok&sfod&Y&j&fg v&B (8) ç'u i N&s k&Aç&Rd y&?&N&ke&d ç'u rhu (3) vÄi&a
 dk&g&A
3. f&j&rh] r&r&h] pr&F&Z&F&k&i x&pe ç'u dk&fue&k&Z&i B&De ds&Ø&'e&ç&Fe] f&j&rh] r&r&h r&F&k&pr&F&Z&N&d
 eafu/ k&r fo'k& ds&v&k&j ij fd; kt&k&Ai B&De ds&ç&Rd ?&N&d l sn&s o&sf&Y&d ç'u n&dj i j&h&k&F&Z&s
 ç&Rd ?&N&d l s, d , d ç'u dk&n&ly& fy[kus&d&sd&g&kt&k&A

iBuh; i&rd&a&

1 __Xon

2 NkUnk&; ki fu"kn~

3 G&n&j.; d&is&fu"kn~

4 J&en&H&kon&x&h&k& r&lo fo&op&uh&V&hd&k] x&hr&k i& x&k&j [ki&j

OR

DSE-Sanskrit-I

BH-SKT-505 - MOOC FROM SWAYAM PORTAL

BH-SKT-506 हृक्क फोक्कु दसेय फि) क**Credits = 6**

i wkÄÄ%120

v kdfj d eW kÄÄÄ%30

l e; %3 gsk%

7Vd e&I% H'k fokkui fj H'k {k} OSKV;] H'kxr i fjoRZ , oaHs] 24vÄÄ%
H'k i fjoRZ dsd k. kA

7Vd e&I% H'k v kad k oxhZj . kui fj o k kad k i fjp; A 24vÄÄ%

7Vd e&I% Snd , oaykd I aNr] v RZi fjoRZ dsd k. k A 24vÄÄ%

7Vd e&I% eofu fokkup eofu; kad k oxhZj . k 24vÄÄ%

fokku , oadD fokkup' kn fuekZj / k pi R; A

fo' k funZp

1. ç' u& kvf/ dre 120 vÄÄÄ%30 vÄÄÄÄ% vÄÄÄÄ% eW kdu dsfy; sfu/ kZr gA
2. ç' u& keadg i kp ç' u fn st k, A ç' u 24 vÄÄÄÄ% A ç' u i BÖÖe eafu/ kZr p kA
ij v k kZr rFk vfuok ZgskA b dsv dxZ y qntk okysfod Yjfg vB (8) ç' u i Nst k, A ç' u
y qntk ç' u rhu (3) vÄÄÄÄ% A k p k ç' u eafu BÖÖe dsç' u 7Vd I snsoSfM d ç' u fn, s
t k, A i j h kZr dsuea sç' u 7Vd ds, d , d ç' u d kntk fy[k k gskA
3. ç' u& kgy djusdki e; rhu (3) 7VsgskA

ç' ui k fuekZk dsfy; sfunZk

1. ç' ui keadg i kp (5) ç' u fn st k, A ç' u k dsfy; sdg 120 vÄÄÄÄ% kZr gA H ç' u l e kÄÄÄÄ%
gskA v kZ-ç' u p k (24) vÄÄÄÄ% A i zu& kgy djusdki e; rhu (3) 7VsgskA
2. ç' u ç' u i BÖÖe ds p kA 7Vd eafu/ kZr fo' k ds v k k ij cuk kt kA; g ç' u vfuok ZgskA
b dsv dxZ y qntk okysfod Yjfg vB (8) ç' u i Nst k, A ç' u y qntk ç' u rhu (3) vÄÄÄÄ%
d k gskA

3. f]r h] r]r h] pr f]r f]k i xpe ç'u dk f]k i BÖÖe ds Öe' l%ç Fe] f]r h] r]r h] r f]k pr f]r f]k
 eafu/ f]r fo'k dsv k] ij fd; kt k] Ai BÖÖe ds ç R d f]k l s n s o f]d ç'u n d j i j h] f]k s
 ç R d f]k l s, d , d ç'u dk n] fy[kus d k s d g k t k] A

iBuh; i q r d s %

- 1- HkkykukFk frokj h
- 2- ckcw]jke l DI uk] l l e t] Hk'k fo k u
- 3- nshldj f]osh] Hk'k v] s Hk'ldh

OR

DSE-Sanskrit-2 B.A. Sanskrit Honours Fifth Semester Part-III (Third Year)
 (w.e.f. Session : 2022-2023)

BH-SKT-507 vk; qh , oaokLr qKL=

Credits = 6

i wkÄ 120

v kdfj d e w kÄ 30

l e; % g s %

f]k d e % p j d l f]r k] ' k] h] l f]k 24 v Ä 120

v è k µ 1] ' y k d 14 µ 50

f]k d e % p j d l f]r k] ' k] h] l f]k 24 v Ä 120

v è k µ 1] ' y k d 51 µ 85

f]k d e % e j k . k l v k] v è k µ 5] H q u d k s k 24 v Ä 120

f]k d e % e j k . k l v k] v è k µ 5] H f e p i j h] k 24 v Ä k

fo' k k fun] p

1. ç'u i k v f/ dre 120 v Ä k g s k 30 v Ä v k d f j d e w k d u d s f y; s f u f]r g s

2. ç'u i k e a d g i k ç'u f n s t k x A ç R d ç'u 24 v Ä k g s k A ç Fe ç'u i BÖÖe eafu/ f]r
 p]k f]k i j v k k] r r f]k v f u o k Z g s k A d d s v l x Z y f]k o k y s f o d Y j f g r v l B (8) ç'u i N s

t kxçRd yñkred ç'u rhu (3) vÄiedk gskA' kpkj ç'ueai BÖe dscRd ?d l snks
oßYd ç'u fn, st kxÄijñkred ksbueal scRd ?d ds, d , d ç'u dknñk fy[kuk gskA

3. ç' uñi kgy djusdkl e; rhu (3) ?VsgskA

ç' ui k fuekZk d sfy; sfunZk

1. ç' ui k eadñ i p (5) ç' u fn, st k A ç' ui k dsfy; sdñ 120 vÄi fu/ kñr gñ l Hñ ç' u
l ekuÄi gñsv kñZ-çRd ç' u pññ (24) vÄiedk gskA i zuñi kgy djusdkl e; rhu (3)
?VsgskA
2. ç' Fe ç' u i BÖe dspññ ?d eafu/ kñr fo" k l dsvk k ij cu k kt k A; g ç' u vfuok Z
gskA d dsv l dxZ yñññ okysfod Yjfgñ vñB (8) ç' u i Nst k A çRd yñkred ç' u
rhu (3) vÄiedk gskA
3. fñrh] rñrh] prññ Fk i xpe ç' u dkfuekZ i BÖe dsÖe' l ç' Fe] fñrh] rñrh rññ prññ
?d eafu/ kñr fo" k dsvk k ij fd; kt k A i BÖe dscRd ?d l snks oßYd ç' u
ñññ ijñññ scRd ?d l s, d , d ç' u dknñk fy[kusd lsd gkt k A

iBuh; iñrdñ%

- 1- Pkjdl ñgrk
- 2- Lkejkñ.kl ñ/ñkj (ñkñstññ)

OR

DSE-Sanskrit-2

BH-SKT-508 - MOOC FROM SWAYAM PORTAL

"B le~(Sixth Semester)

(w.e.f. Session: 2022-2023)

CC-Sanskrit-13

BH-SKT-601, Paper – XIII : mifu"n~' k i fclā . le~p

(Upanishad Shatapathabrahmanam Cha)

Credits = 6

i wÄÄ%120

v krfj dew kÄÄÄ%30

I e; %3 gsk%

7Vd e&u% bZksfu"nµ

24v ÄÄ%

(d) }; k%eUk k%Ök ; kA(2x8=16v ÄÄ%

([k) , d%v ky kpuRed %ç' u%A(8 v ÄÄ%

7Vd e&u% d Bsfu"n] çFelsè k %µ

24v ÄÄ%

(d) v ak; L; Ök ; kA(2x8=16v ÄÄ%

([k) , d%v ky kpuRed %ç' u%A(8v ÄÄ%

7Vd e&u% d Bsfu"n] f}rh ksè k %µ

24v ÄÄ%

(d) v ak; L; Ök ; kA(2x8=16v ÄÄ%

([k) , d%v ky kpuRed %ç' u%A(8 v ÄÄ%

7Vd e&u% JhenHkonxh k v "Vn' ksè k %µ 1µ40 ' y k kA

24v ÄÄ%

(d) }; k%' y k; k%Ök ; kA(2x8=16v ÄÄ%

([k) , dL; ' y k k kL; Ök ; kA(8v ÄÄ%

fo' kfunu

1. ç'u kkvf/ dre 120 vÄadkgsA30 vÄivldfd ewldu dsfy; sfu/ k gA
2. ç'u k eadg i p ç'u fr st kAçRd ç'u 24 vÄadkgsAçFe ç'u iBÖe eafu/ k p kA d i j v k k r r k v fuok ZgsA d dsv dxZ y? q n k okysfod Yjfg v l B (8) ç'u i Nst kAçRd y? k k d ç'u rhu (3) vÄadkgsA' k p k ç'u eai BÖe d sçRd k d l snsofM d ç'u fr st kA i j k k d l s b e a l sçRd k d d s, d , d ç'u d k n k fy[k k g k A
3. i zu k gy djusd k l e; rhu (3) k V s g k A

—

ç' ui k f u e k Z k d s f y ; s f u n k k

1. ç' ui k e a d g i p (5) ç' u f r s t k A ç' u i k d s f y ; s d g 120 v Ä i f u / k g A H n ç' u l e k u Ä i g l s v k Z - ç R d ç' u p l k (24) v Ä a d k g s A i z u k g y d j u s d k l e ; r h u (3) k V s g k A
2. ç F e ç' u i B Ö e d s p k l e k d e a f u / k f o " k l e d s v k k i j c u k k t k A ; g ç' u v f u o k Z g s A d d s v l d x Z y ? q n k okysfod Yjfg v l B (8) ç' u i N s t k A ç R d y ? k k d ç' u r h u (3) v Ä a d k g s A
3. f j r h] r r h] p r e z F k i x p e ç' u d k f u e k i B Ö e d s o e k ç F e] f j r h] r r h r F k p r e z k d e a f u / k f o " k d s v k k i j f d ; k t k A i B Ö e d s ç R d k d l s n s o f M d ç' u n d j i j k k d s ç R d k d l s , d , d ç' u d k n k fy[k u s d l s d g k t k A



- 7Vd e&I% ojn kt %y 7q ¼kudl eçpu foHDR Fçdj. leA 24v ÄÄ%
 (d) }; k%l v k%l ksgj. kaQ k ; kA (2x8=16v ÄÄ%
 ([k) }; k%mlgj. k k%l l waf oHfD &çfri knueA (2x4=8v ÄÄ%
 7Vd e&II%y 7q ¼kudl eçpu foHDR Fçdj. leA 24v ÄÄ%
 prokç~v' k%okD kulal aksui wã a (miprfoHfD ç; kxi wã e)-
 i q%y \$kueA (4x6=24v ÄÄ%
 7Vd e&III%y 7q ¼kudl eçpu L=hcR; çdj. leç 24v ÄÄ%
 (d) }; k%l v k%l ksgj. kaQ k ; kA (2x8=16v ÄÄ%
 ([k : i) }; L : l l waf l f¼A (2x4=8v ÄÄ%
 7Vd e&Iv%v "vãD k edL; fgulhx| kãL; l ãÑr eç es v uqkn%A 24v ÄÄ%

fo' k k funçku

- ç' u i kçvf/ dre 120 v ÄÄd k gskA 30 v ÄÄv kdfj deW kdu dsfy; sfu/ kçr gç
- ç' u i k eadç i lç ç' u fr st kçAçRd ç' u 24 v ÄÄd k gskAçFe ç' u i BÇDe eafu/ kçr pçkç 7Vd leij
 v k kçr rFk vfuok ZgskAd dsvlwxZ y 7q nçkç okysfod Yjçr v lB (8) ç' u i Nst kçAçRd y 7q kçd ç' u rhu
 (3) v ÄÄd k gskA kç pç ç' u eai BÇDe dççRd 7Vd l snksçM d ç' u fr st kçAçRd y 7q kçd ç' u rhu
 7Vd ds, d , d ç' u d k nçkç fy[luk gskA
- i zu i kçy dçusd k l e; rhu (3) 7VsgskA

—

ç' ui kçfuekZk dsfy; sfu/ kçr

- ç' u i k eadç i lç (5) ç' u fr st kçAç' u i k dsfy; sdç 120 v ÄÄfu/ kçr gç l Hn ç' u l eku ÄÄ gçsv FkççRd
 ç' u pçh (24) v ÄÄd k gskA i zu i kçy dçusd k l e; rhu (3) 7VsgskA
- çFe ç' u i BÇDe dspçkç 7Vd leafu/ kçr fo' k k edsv k kç ij cuk kt kA; g ç' u vfuok ZgskAd dsvlwxZ y 7q
 nçkç okysfod Yjçr v lB (8) ç' u i Nst kçAçRd y 7q kçd ç' u nls (3) v ÄÄd k gskA
- fçrh] rçh] prçç Fkççpe ç' u d k fuekZk i BÇDe dççRd ç' u fçrçh] rçh] rFk prçç 7Vd eafu/ kçr fo' k ds
 v k kç ij fd; kt kAi BÇDe dççRd 7Vd l snksçM d ç' u nçj ij kçd ç' u rhu 7Vd l s, d , d ç' u d k nçkç
 fy[kusd kçd gçt kA

BH-SKT-603 laL—r lkfgR; eaas jk"V^aokn**Credits = 6****i wkÄK%120****v kdfj deW kÄukÄK%30****I e; %3 gjsk%****?kVd& 1 Hkkjrh; jk'Vbkn vFkobn iFoh I Dr ¼&30 ea½ &24 vÄi****?kVd& 2 Hkkjro'k ukedj.k %ofnd vkj i kjkf.kd I UnHk½****jk'Vh; xku, jk'Vh; xhr, jk'Vh; /ot, jk'Vh; fplgu, "kd I Dr;
fode I Dr****&24 vÄi****?kVd& 3 HkxrQy fl g pfjre (iFke v/; k;)****&24 vÄi****?kVd& 4 Hkfr eaHkkjre Mk0 jekdkUr "kpy ¼&30 "kykd ½****&24 vÄi****fo' ksfunZku****1. ç'u&i kfvf/ dre 120 vÄi&dkgjskA30 vÄivkdfj deW kd u dsfy; sfu kZr gA****2. ç'u&i keadg i p ç'u fn; st kAçRd ç'u 24 vÄi&dkgjskAçFe ç'u i B00e eafu kZr
pjkAçRd i j vk kZr rFk vfuok ZgskAd dsv ldxZ y ?qmk okysfod Yjfg vB (8) ç'u i Ns
t kAçRd y ?kRed ç'u rhu (3) vÄi&dkgjskA' k k pjk ç'u i B00e dçRd ?kD I snk
o&fy d ç'u fn; st kAçRd i j kZr dsv ldxZ y ?qmk okysfod Yjfg vB (8) ç'u i Ns t kAçRd y ?kRed ç'u rhu (3) vÄi&dkgjskA****3. i zu&i kgy djusdkl e; rhu (3) ?kVsgskA****ç' ui ksfuekZk d sfy; sfunZk&**

1. ç' ui keadg i p (5) ç'u fn; st kAç' ui k dsfy; sdg 120 vÄi fu kZr gA Hh ç' u l ekuÄi
gsv FkZ-çRd ç' u p kH (24) vÄi&dkgjskAi zu&i kgy djusdkl e; rhu (3) ?kVsgskA
2. çFe ç' u i B00e dspjkAçRd eafu kZr fo'k ledsv k k ij cuk kt kA; g ç' u vfuok ZgskAd
dsv ldxZ y ?qmk okysfod Yjfg vB (8) ç'u i Ns t kAçRd y ?kRed ç' u rhu (3) vÄi&dkgjskA

3. f}rh] r}rh] prEzrk i xpe ç'u d k f u e k i BÖÖe dsÖe'k%çFe] f}rh] r}rh] rFk prEzrk
 eafu/ k}r fo'k dsvk k ij fd; kt k Ai BÖÖe dsçRd 7Ad l snksöfM d ç'u ndj ij k k k s
 çRd 7Ad l s, d , d ç'u d k n k fy[kusdksdgkt k A

iBuh; i q r d s %

1 vFkobn] 12-1-1830 (Hkfel Dr)

2 HkxrQw pfjre~

3 Hkr eaHkre~(Mñjeldkd 'kQy)

OR

DSE-Sanskrit-3

B.A Sanskrit Honours (Third Year)

Sixth Semester

w.e.f. Session : 2022-2023

BH-SKT-604 I r f y r t h u i) f r

Credits = 6

i w k Ä 1 % 120

v k d f j d e w k Ä u k Ä 1 % 30

l e ; % 3 g s k %

?kVd&1% Jo.k] euu] fufn/; kl u &24 vÄi
 cgnkj.; d mi fu'kn 2-45

?kVd&2% fpÜkofÜkfujk k ¼ k x l = 1&11½ &24 vÄi

?kVd&3% Kku; kx] dež kx , oaHkfDr; kx ¼ x h r k 3-5&21½ &24 vÄi

?kVd&4% /; ku ; kx ¼ k x l = 1-12&24 2-29]30]32]46]49]50 3-1&4½ &24 vÄi

fo' k k funžp

1. ç'u i k v f / d r e 120 v Ä i k g s k 120 v Ä i v k d f j d e w k Ä u d s f y ; s f u / k } r g s
2. ç'u i k e a d y i k ç'u f r ; s t k x ç R d ç'u 24 v Ä i k g s k 120 ç Fe ç'u i BÖÖe eafu/ k } r
 p k l e 7 A d l e i j v k k j r r F k v f u o k Z g s k A d d s v l d x Z y 7 q n k okysfod Y j f g r v B (8) ç'u i N s

t k, AÇRd y 7NjRed ç'u rhu (3) vÄiedk gskA' kpkj ç' uaeai BÖÖe dscRd 7Nl l snls
oöfYd ç' u fn, st k, Aijh kFZd sbueal scRd 7Nl ds, d , d ç' u dknj fy[kuk gskA

3. i zuü kgy djusdkl e; rhu (3) 7kVsgskA

ç' ui k&fuekZk dsfy; sfunZk%

1. ç' ui k eady i lp (5) ç' u fn, st k, AÇ' ui k dsfy; sdy 120 vÄi fu/ kZr gAl Hh ç' u
l eluÄi gAsv FkZ-çRd ç' u plCh (24) vÄiedk gskA i zuü kgy djusdkl e; rhu (3)
7kVsgskA

2. çFe ç' u i BÖÖe dspkj k 7Nl eafu/ kZr fo" k dsvk kj ij cuk kt kA; g ç' u vfuok Z
gskAd dsv ldxZ y 7qnlj okysfod Yjfg v lB (8) ç' u i Nst k, AÇRd y 7NjRed ç' u
rhu (3) vÄiedk gskA

3. f]rh] r]rh] prÖZ Fk i xpe ç' u dkfuekZ i BÖÖe dsÖe' kçFe] f]rh] r]rh] rFk prÖZ
7Nl eafu/ kZr fo" k dsvk kj ij fd; kt kA i BÖÖe dscRd 7Nl l snls oöfYd ç' u
ndj i jh kFZ scRd 7Nl l s, d , d ç' u dknj fy[kusdksdgt kA

iBuh; i qrd%

1- cgnkj.; ki fu"kn~

2- ikraty; kxinhi, ekshyky cukj l h nkl , ubZ fnYyh

3- JhenHxon-xhrk

OR

DSE-Sanskrit-3

BH-SKT-605 - MOOC FROM SWAYAM PORTAL

BH-SKT-606 I ħd̐r I ħgr; eauf̐r , oav̐pkj**Credits = 6**

i wk̐r 120

v k̐fj d e w̐ k̐r 30

l e; % g̐r

?kVd&1%	jkek; .k] v; k̐; k dk.M] i Fke l xL ¼ w̐k̐	&24 vÄi
?kVd&2%	egkhkjr] "kkf̐r i o] v/; k;] 109 'ykd 1&13	&24 vÄi
?kVd&3%	egkhkjr] vkj.; d i o] v/; k; &297 'ykd & 26&31] 34&47] 52&59	&24 vÄi
?kVd&4%	o¼pk̐D ufr 'ykd & 1-24] 1-32] 2-8] 4-15] 5-2 7-2] 10-2] 10-3] 10-9] 12-12	&24 vÄi

fo' k̐k fun̐p̐

1. ç'uđi kvf/ dre 120 vÄi k̐g̐s̐A 30 vÄi v k̐fj d e w̐ k̐r 30
ç'uđi kvf/ dre 120 vÄi k̐g̐s̐A 30 vÄi v k̐fj d e w̐ k̐r 30
2. ç'uđi kvf/ dre 120 vÄi k̐g̐s̐A 30 vÄi v k̐fj d e w̐ k̐r 30
ç'uđi kvf/ dre 120 vÄi k̐g̐s̐A 30 vÄi v k̐fj d e w̐ k̐r 30
3. i zuđi kvf/ dre 120 vÄi k̐g̐s̐A 30 vÄi v k̐fj d e w̐ k̐r 30

ç' ui kvf/ dre 120 vÄi k̐g̐s̐A 30 vÄi v k̐fj d e w̐ k̐r 30

1. ç' ui kvf/ dre 120 vÄi k̐g̐s̐A 30 vÄi v k̐fj d e w̐ k̐r 30
ç' ui kvf/ dre 120 vÄi k̐g̐s̐A 30 vÄi v k̐fj d e w̐ k̐r 30

ॐ वसुधैव कुटुम्बकम्

2. चण्डे च' u i B00e dspjks ॐ dseafu ॐ fo" k dsvk k ij cuk kt k A; g ç' u vfuo k Z gskAd dsv ldxZ y ॐ ॐ okysfod Yjfg v B (8) ç' u i Nst k A çRd y ॐ ॐ Red ç' u rhu (3) v ॐ dkg skA
3. f]rh] rrh] pr ॐ ॐ Fk i xpe ç' u dkfue k i B00e ds ॐ e' ॐ çFle] f]rh] rrh r Fk pr ॐ ॐ ॐ d eafu ॐ fo" k dsvk k ij fd; kt k A i B00e ds çRd ॐ d l snks ॐ d ç' u ndj i j k ॐ ॐ çRd ॐ d l s, d , d ç' u dk ॐ ॐ fy[k u d l s d g t k A

OR

DSE-Sanskrit-4

B.A Sanskrit Honours (Third Year)

Sixth Semester

w.e.f. Session : 2022-2023

BH-SKT-607 d0; &"WL=

Credits = 6

i wk ॐ ॐ 120

v kdfj d ew k ॐ ॐ ॐ 30

l e; ॐ ॐ gsk ॐ

ॐ Vd& 1 d0; i d k " k d0; dk Lo: i, y {k.k , oa Hkn

&24 v ॐ i

ॐ Vd&2 d0; i d k " k

dk0; i z k s t u, dk0; ds g r q ' k ॐ d k

&24 v ॐ i

ॐ Vd& 3 d0; i d k " k j l fu: i .k L F k f; Hkko fo Hkko v u Hkko

&24 v ॐ i

0; f H k p k f j Hkko ॐ ॐ k e d l; i f j p; ॐ ॐ

ॐ Vd& 4 d0; " k k L = ds i e d k v k p k; l

&24 v ॐ i

e E e V, fo " ou k Fk, i f. M r j k t t x u u k Fk, v f H k u o x t r A

fo' k k fun ॐ ॐ

1. ç' u ॐ i k v f / dre 120 v ॐ dkg skA 30 v ॐ i v kdfj d ew k d u ds fy; s f u ॐ ॐ g s

2. ç' u ॐ i k e a d g i k p ç' u f n; s t k x A çRd ç' u 24 v ॐ dkg skA çFle ç' u i B00e eafu ॐ ॐ p j k s ॐ d l e i j v k k f r r Fk v f u o k Z g s k A d d s v l d x Z y ॐ ॐ okysfod Yjfg v B (8) ç' u i Ns t k x A çRd y ॐ ॐ Red ç' u rhu (3) v ॐ dkg skA ' k k p k ç' u e a e i B00e ds çRd ॐ d l snks o s f y d ç' u f n; s t k x A i j k ॐ ॐ çRd ॐ d ds, d , d ç' u dk ॐ ॐ fy[k u g s k A