

Kurukshetra University, Kurukshetra

(Established by the State Legislature Act-XII of 1956)

(“A++” Grade, NAAC Accredited)



Syllabus for Post Graduate Programme

Master of Library & Information Science 2 Year

as per NEP 2020

Curriculum and Credit Framework for Postgraduate Programme

With Multiple Entry-Exit, Internship and CBCS-LOCF

With effect from the session 2025-26 (in phased manner)

**DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE
FACULTY OF ARTS AND LANAGUGES**

**KURUKSHETRA UNIVERSITY, KURUKSHETRA -136119
HARYANA, INDIA**

1. **Programme Learning Outcomes (PLOs) for M.Lib.I.Sc. Programme as per NEP-2020:**

PLOs include outcomes specific to disciplinary areas of learning associated with the chosen field (s) of learning as well as generic learning outcomes. These also include transferable skills and competencies that post graduates of all programmes of study should acquire and be able to demonstrate for the award of the Degree. The programme learning outcomes would also focus on knowledge and skills that prepare students for further study, employment, research and responsible citizenship.

Table-1: Program Learning Outcomes

PLO	Master Degree in Library and Information Science
	After the completion of Master degree in Library and Information Science, the student will be able to:
PLO-1: Knowledge and Understanding	Demonstrate the fundamental and advanced knowledge of the subject and understanding of recent developments and issues, including methods and techniques, related to Library and Information Science.
PLO-2: General Skills	Acquire the general skills required for performing and accomplishing the tasks as expected to be done by a skilled professional in the field of Library and Information Science.
PLO-3: Technical/ Professional Skills	Demonstrate the learning of advanced cognitive technical/professional skills required for completing the specialized tasks related to the profession and for conducting and analyzing the relevant research tasks indifferent domains of Library and Information Science.
PLO-4: Communication Skills	Effectively communicate the attained skills of Library and Information Science in well-structured and productive manner to the society at large.
PLO-5: Application of Knowledge and Skills	Apply the acquired knowledge and skills to the problems in the subject area, and to identify and analyze the issues where the attained knowledge and skills can be applied by carrying out research investigations to formulate evidence-based solutions to complex and unpredictable problems associated with the field of Library and Information Science or otherwise.
PLO-6: Critical thinking and Research Aptitude	Attain the capability of critical thinking in intra/inter-disciplinary areas of Library and Information Science enabling to formulate, synthesize, and articulate issues for designing of research proposals, testing hypotheses, and drawing inferences based on the analysis.
PLO-7: Constitutional, Humanistic, Moral Values and Ethics	Know constitutional, humanistic, moral and ethical values, and intellectual property rights to become a scholar/professional with ingrained values in expanding knowledge for the society, and to avoid unethical practices such as fabrication, falsification or misrepresentation of data or committing plagiarism.
PLO-8: Capabilities/qualities and mindset	To exercise personal responsibility for the outputs of own work as well as of group/team and for managing complex and challenging work(s)that requires new/strategic approaches.
PLO-9: Employability and job-ready skills	Attain the knowledge and skills required for increasing employment potential, adapting to the future work and responding to the rapidly changing demands of the employers/industry/society with time.

Master of Library and Information Science (M.Lib.I.Sc.) will be a two-year degree with multiple entry/exit facility. If a student makes an exit after completing 1st year, he/she will be awarded **Bachelor of Library and Information Science (B.Lib.I.Sc.)** degree (equivalent to **PG Diploma in Library and Information Science**, as per NEP 2020), subject to fulfilment of other requirements.

2. Duration and Credits for M.Lib.I.Sc.

- The **M.Lib.I.Sc.** program is of one year duration spread over into 4 Semesters.
- Every Student of **M.Lib.I.Sc.** program has to earn 98 credits as described under:

Table-2: Duration and Credits for M.Lib.I.Sc.

Component	Total Credits	Semester-wise Distribution
Core Courses	80	Semester I = 20 Semester II = 20 Semester III = 20 Semester IV = 20
Elective Courses	8	Semester III = 4 Semester IV = 4
Internship	4	Semester II = 4
Seminar	2	Semester I = 2
CHM	2	Semester II = 2
Open Elective (OE)	2	Semester III = 2
Total	98	

3. Course Outcomes and Mapping Matrix

- Each course of the **M.Lib.I.Sc.** program has two/four Course Learning Outcomes (CLOs) which are mapped or associated with PLOs.
- Mapping of correlation between CLOs and PLOs, CLOs in the scale of 1 to 3 has been done as per Table 1:

Table 3: Scale of Mapping between CLO and PLO

Scale 1	If the contents of course have Low correlation (i.e. in agreement with the particular PLO to a small extent) with the particular Programme Learning Outcome
Scale 2	If the contents of course have Medium correlation (i.e. in agreement with the particular PLO to a small extent) with the particular Programme Learning Outcome
Scale 3	If the contents of course have Strong correlation (i.e. in agreement with the particular PLO to a small extent) with the particular Programme Learning Outcome

Session: 2025 – 26			
Part A - Introduction			
Name of the Programme	Master of Library & Information Science		
Semester	1 st Semester		
Name of the Course	Foundations of Library and Information Science		
Course Code	M24-LIS-101		
Course Type	CC-I		
Level of the course	400-499		
Pre-requisite for the course (if any)			
Course Learning Outcomes(CLO): After completing this Course, the Learner will be able to:			
M24-LIS-101.1	Understand the role of different Types of Libraries in Society;		
M24-LIS-101.2	Be aware of theoretical foundations of Library and Information Science;		
M24-LIS-101.3	Acquaint with various Laws related to Library and Information Field; and		
M24-LIS-101.4	Understand the Role of Professional Associations and Outreach Activities.		
Credits	Theory	Practical	Total
	4	0	4
Teaching Hours per week	4	0	4
Internal Assessment Marks	30	0	30
End Term Exam Marks	70	0	70
Max. Marks	100	0	100
Examination Time	3 Hours		
Part B –Contents of the Course			
Instructions for Paper Setter: The Examiner will set 9 questions asking 2 Questions from each unit and one Compulsory Question by taking Course Learning Outcomes (CLOs) into consideration. The Compulsory Question (Question No. 1) will consist of four questions covering entire syllabus. The examinee will be required to attempt 5 Questions, selecting one question from each Unit and the compulsory question. All Questions will carry equal marks.			
Unit	Topics		Contact Hours
I	Unit-I: Concept of Library in Society – Social and Historical Foundations of Library. Library and		15

	Knowledge Society – Development of Libraries with special reference to India. - Different Types of Libraries - their distinguishing features and functions.	
II	Unit-II: Normative Principles of Library and Information Science – Five Laws of Library Science and their Implications on Library and Information Activities. - Librarianship as a Profession.	15
III	Unit-III: Laws relating to Libraries and Information Centres - Library Legislation in India: Need and essential features. - Public Library Acts of Madras (Tamil Nadu), Andra Pradesh, Karnataka (Mysore) and Haryana - Copyright Act and Delivery of Books (Public Libraries) Act, Right to Information Act	15
IV	Unit-IV: Professional Associations, Public Relations, Extension Activities and Resource Sharing – Professional Associations and their role with particular reference to ILA, IASLIC, ALA, IFLA and UNESCO. – Public Relations and Extension Services. - Resource Sharing.	15
Total Contact Hours		60
Suggested Evaluation Methods		
Internal Assessment: 30		End Term Examination: 70
• Class Participation	5	Written Examination
• Seminar/presentation/assignment/quiz/class test etc.	10	
• Mid-Term Exam	15	
Part C – Learning Resources		
1. Recommended Books/e-resources/LMS: (List of suggested readings to be provided by concerned faculty)		

Mapping Matrix of Course M24-LIS-101

Table 101.1: CLO-PLO Matrix

CLO	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
M24-LIS-101.1	3	3	3	3	3	3	2	2	2
M24-LIS-101.2	3	3	3	3	3	3	2	2	2
M24-LIS-101.3	3	3	3	3	3	2	2	2	2
M24-LIS-101.4	3	3	3	2	3	2	2	2	2
Average	3	3	3	2.75	3	2.5	2	2	2

Session: 2025 – 26			
Part A - Introduction			
Name of the Programme	Master of Library & Information Science		
Semester	1 st Semester		
Name of the Course	Library Classification & Cataloguing		
Course Code	M24-LIS-102		
Course Type	CC-2		
Level of the course	400-499		
Pre-requisite for the course (if any)			
Course Learning Outcomes(CLO): After completing this Course, the Learner will be able to:			
M24- LIS -102.1	Understand the various aspects of Library Classification.		
M24- LIS -102.2	Understand salient features of major Classification Schemes and Current Trends in Classification.		
M24- LIS -102.3	Know different types of Catalogue and understand the process of Library Cataloguing.		
M24- LIS -102.4	Understand the concept of Subject Cataloguing and the process of deriving/assigning Subject Headings.		
Credits	Theory	Practical	Total
	4	0	4
Teaching Hours per week	4	0	4
Internal Assessment Marks	30	0	30
End Term Exam Marks	70	0	70
Max. Marks	100	0	100
Examination Time	3 Hours		
Part B –Contents of the Course			
Instructions for Paper Setter: The Examiner will set 9 questions asking 2 Questions from each unit and one Compulsory Question by taking Course Learning Outcomes (CLOs) into consideration. The Compulsory Question (Question No. 1) will consist of four questions covering entire syllabus. The examinee will be required to attempt 5 Questions, selecting one question from each Unit and the compulsory question. All Questions will carry equal marks.			
Unit	Topics		Contact Hours
I	Unit – I: Library Classification <ul style="list-style-type: none">- Library Classification: Definition, Need and Purpose- Subjects: Basic, Compound and Complex		15

	<ul style="list-style-type: none">- Planes of Work. Notation: Need, Type and Quality- Call Number: Class Number, Book Number and Collection Number	
II	Unit-II: Classification Schemes & Current Trends <ul style="list-style-type: none">- Overview of Colon Classification: Postulates of Facet Analysis and Facet Sequence, Fundamental Categories, Principles of Helpful Sequence and Facet Sequence, Phase Relations, Devices- Main features of latest editions of DDC and UDC.- Current Trends: Web Dewey, OCLC Classify and Folksonomy.	15
III	Unit-III: Bibliographic Description <ul style="list-style-type: none">- Catalogue – Definition, Need and Purpose, Types of Library Catalogue.- Physical Forms: Conventional and Non-conventional- Kinds of Entries and their functioning according to CCC and AACR-II.	15
IV	Unit-IV: Subject Cataloguing <ul style="list-style-type: none">- 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: OPAC, MARC, ISBD, CCF, RDA	15
Total Contact Hours		60
Suggested Evaluation Methods		
Internal Assessment: 30		End Term Examination: 70
•Class Participation	5	Written Examination
•Seminar/presentation/assignment/quiz/class test etc.	10	
•Mid-Term Exam	15	
Part C – Learning Resources		
Recommended Books/e-resources/LMS: <ol style="list-style-type: none">1. DEWEY (Melvil). Dewey Decimal Classification and Relative Index. 23rd Ed. 2011. OCLC Online Computer Library Centre, Ohio.2. DHYANI (Pushpa). Theory of Library Classification. 2000. Vishwa Prakashan, Delhi.3. KRISHAN KUMAR. Theory of Library Classification. 1985. Vikas, Delhi.4. RANGANATHAN (SR). Colon Classification. Revised ed. 6. 1963. Ess Ess Publications.5. RANGANATHAN (S R) Prolegomena to library classification. 3rded. 1967. Sarda Ranganathan Endowment, Bombay.6. TRIPATHI (S M) and SHOKEEN (N S). Fundamentals of Library Classification (Hindi Medium). 1988. Y.K., Agra.7. ALA, et al. 2010. Resource Description and Access.		

Mapping Matrix of Course M24-LIS-102

Table 102.1: CLO-PLO Matrix

CLO	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
M24-LIS-102.1	3	3	3	1	3	1	1	2	2
M24-LIS-102.2	3	3	3	2	3	3	3	3	3
M24-LIS-102.3	3	3	3	2	3	3	3	3	3
M24-LIS-102.4	3	3	3	3	3	3	3	3	3
Average	3	3	3	2	3	2.5	2.5	2.75	2.75

Session: 2025 – 26			
Part A - Introduction			
Name of the Programme	Master of Library & Information Science		
Semester	1 st Semester		
Name of the Course	Reference and Information Sources		
Course Code	M24-LIS-103		
Course Type	CC-3		
Level of the course	400-499		
Pre-requisite for the course (if any)			
Course Learning Outcomes(CLO): After completing this Course, the Learner will be able to:			
M24-LIS-103.1	Develop an in-depth understanding of the classification of various Information Sources and the Criteria used for their Evaluation		
M24-LIS-103.2	Comprehend various types of Reference Sources and their functions		
M24-LIS-103.3	Gain familiarity with Bibliographical Tools and their functions		
M24-LIS-103.4	Identify and evaluate reliable web-based resources for accessing information		
Credits	Theory	Practical	Total
	4	0	4
Teaching Hours per week	4	0	4
Internal Assessment Marks	30	0	30
End Term Exam Marks	70	0	70
Max. Marks	100	0	100
Examination Time	3 Hours		
Part B –Contents of the Course			
Instructions for Paper Setter: The Examiner will set 9 questions asking 2 Questions from each unit and one Compulsory Question by taking Course Learning Outcomes (CLOs) into consideration. The Compulsory Question (Question No. 1) will consist of four questions covering entire syllabus. The examinee will be required to attempt 5 Questions, selecting one question from each Unit and the compulsory question. All Questions will carry equal marks.			
Unit	Topics		Contact Hours
I	Information Sources and their Classifications - Information Sources: Nature, Characteristics, Types and Formats - Documentary and Non-Documentary Sources of Information - Sources of Information: Primary, Secondary and Tertiary Sources		15

	- Human and Institutional Resources of Information	
II	Reference Sources: Types and their Functions - Reference Books: Types, Uses and Criteria for Evaluation - Types and Uses of Factual and Ready Reference Sources: Encyclopedias, Dictionaries, Year Books and Almanacs, Directories, Geographical Sources, Biographical Sources, Sources of Current events	15
III	Bibliographic Information Sources: Types and Functions - Meaning, history, Branches and Functions of Bibliography - Types of Bibliography: Universal Bibliography, National Bibliography, Trade Bibliography, etc.	15
IV	Web-based Information Resources - Concept, Importance, Key Features; Advantages of Web-based Resources - Evaluation of Web-based Information Resources - Types of Web-based Information Resources: <ul style="list-style-type: none">o <i>E-Resources on the Web</i>: E-Books, E-Journals; E-Databases: Bibliographic, Full Text, Numeric, Citation Searching;o <i>Open Access Databases</i>: DOAJ, DOAR; E-Theses and dissertations: Shodhganga and Shodhgangotri.o <i>Reference Tools on the Web</i>: Encyclopaedias, Dictionaries, Directories etc.; Online Repository-RCLIS	15
Total Contact Hours		60
Suggested Evaluation Methods		
Internal Assessment: 30		End Term Examination: 70
•Class Participation	5	Written Examination
•Seminar/presentation/assignment/quiz/class test etc.	10	
•Mid-Term Exam	15	
Part C – Learning Resources		
Recommended Books/e-resources/LMS: 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. Girja Kumar and Krishan Kumar, Bibliography, Rev. Ed. 3. 1990. Vikas, New Delhi. 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: Ed. 7. 2V, 1996. McGraw 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. TRIPATHI (SM). Modern bibliographical control, Bibliography and documentation. 1992. Y.K., Agra.		

9. USHA PAWAN and GUPTA (Pawan Kumar) Sandarbh Sewa: Avam Suchna Strot. 1994. RBSA, Jaipur. (Hindi Medium).
10. SEWA SINGH, Handbook on International Sources on Reference and Information.2001.CREST Publishing, New Delhi.
11. TRIPATHI (S.M.). New Dimensions on Reference and Information Services. 1998. Y.K., Agra .
12. WALFORD (AJ). Walford's Guide to Reference Material.1999. LA; USA.
13. <https://egyankosh.ac.in/>
14. <https://epgpathshala.ac.in/>
15. Dictionary.com (<http://www.dictionary.reference.com>)
16. Thesaurus.com (<http://www.thesaurus.com>)
17. World of Facts (<http://www.odci.gov/cia/publications/factbook/index.html>)
18. The World-Wide Gazetteer (<http://www.c-allen.dircon.co.uk>)
19. Encyclopedia Britannica Online (available at <http://www.eb.com>).
20. Mc-Graw Hill Encyclopaedia of Science & Technology (<http://www.mhreference.com/EST/est.htm>)

Mapping Matrix of Course M24-LIS-103

Table 103.1: CLO-PLO Matrix

CLO	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
M24-LIS-103.1	3	2	3	3	3	3	3	2	3
M24-LIS-103.2	3	2	3	3	3	3	2	3	3
M24-LIS-103.3	3	2	3	3	3	3	3	3	3
M24-LIS-103.4	3	3	3	2	3	3	2	3	2
Average	3	2.25	3	2.75	3	3	2.5	2.75	2.75

Session: 2025-26			
Part A – Introduction			
Name of the Programme	Master of Library & Information Science		
Semester	1 st Semester		
Name of the Course	Classification Practice		
Course Code	M24-LIS-104		
Course Type	PC-I		
Level of the course	400-499		
Pre-requisite for the course (if any)			
Course Learning Outcomes(CLO): After completing this Course, the Learner will be able to:			
MLIS-104.1	Develop skills of Subject Analysis using Classification Schemes.		
MLIS-104.2	Classifying the documents according to CC and DDC.		
Credits	Theory	Practical	Total
	0	4	4
Teaching Hours per week	0	8	8
Internal Assessment Marks	0	30	30
End Term Exam Marks	0	70	70
Max. Marks	0	100	100
Examination Time	0	3 Hours	
Part B-Contents of the Course			
Note for the Examiner The paper shall be divided into two parts-A&B and will be intended to know practical skills in the use and application of classification tools.			
Practicals			Contact Hours
Unit-I: Colon Classification (6 th Rev. ed.) Marks: 35 Note: There will be <i>Seven</i> Titles and the examinees will be required to classify any <i>Five</i> titles only. Syllabus <ul style="list-style-type: none">- Simple Subject.- Fundamental Categories.- Facet Analysis and Facet Sequence.- Devices.- Common Isolates.			60

- Phase Relations.		
Unit-II: Dewey Decimal Classification (23rd ed.) Marks: 35 Note: There will be <i>Seven</i> Titles and the examinees will be required to classify any <i>Five</i> titles only. Syllabus - Simple Subject (Summaries). - Introduction to Schedules. - Use of Tables. Relative Index.		60
Total Contact Hours		120
Suggested Evaluation Methods		
Internal Assessment: 30		End Term Examination: 70
• Class Participation	5	Practicum Examination
• Seminar/Demonstration/Viva-voce/Lab records etc.	10	
• Mid-Term Exam	15	
Part C – Learning Resources		
Recommended Books/e-resources/LMS: 1. RANGANATHAN (SR). Colon Classification. Revised ed. 6. 1963. Ess Ess Publications. 2. DEWEY (Melvil). Dewey Decimal Classification and Relative Index. 23 rd Ed. 2011. OCLC Online Computer Library Centre, Ohio. 3. KRISHAN KUMAR. Theory of Library Classification. 1985. Vikas, Delhi. 4. RANGANATHAN (S R) Prolegomena to library classification. 3 rd ed. 1967. SardaRanganathan Endowment, Bombay. 5. DHYANI (Pushpa). Theory of Library Classification. 2000.Vishwa Prakashan, Delhi.		

Mapping Matrix of Course M24-LIS-104

Table 104.1: CLO-PLO Matrix

CLO	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
M24-LIS-104.1	3	3	3	3	3	3	2	2	2
M24-LIS-104.2	3	3	3	3	3	3	2	2	2
M24-LIS-104.3	3	3	3	3	3	2	2	2	2
M24-LIS-104.4	3	3	3	2	3	2	2	2	2
Average	3	3	3	2.75	3	2.5	2	2	2

Session: 2025-26			
Part A - Introduction			
Name of the Programme	Master of Library & Information Science		
Semester	1 st Semester		
Name of the Course	ICT Application in LIS Practice		
Course Code	M24-LIS-105		
Course Type	PC-2		
Level of the course	400-499		
Pre-requisite for the course (if any)			
Course Learning Outcomes(CLO): After completing this Course, the Learner will be able to:			
M24-LIS-105.1	Use MS WORD efficiently		
M24-LIS-105.2	Use MS POWER POINT efficiently		
M24-LIS-105.3	Conduct Web-search and Communicate through E-mail		
M24-LIS-105.4	Use KOHA for basic Library Operations		
Credits	Theory	Practical	Total
	0	4	4
Teaching Hours per week	0	8	8
Internal Assessment Marks	0	30	30
End Term Exam Marks	0	70	70
Max. Marks	0	100	100
Examination Time	0	3 Hours	
Part B-Contents of the Course			
Note for the Examiner: The paper shall be divided into two Parts A & B and will be intended to know practical skills in the use and application of software.			
Practicals			Contact Hours
MS Office <ul style="list-style-type: none">- 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			120

<ul style="list-style-type: none">– Basic Web Searching– E-mail Introduction to KOHA		
Total Contact Hours		120
Suggested Evaluation Methods		
Internal Assessment: 30		End Term Examination: 70
• Class Participation:	5	Practicum Examination
• Seminar/Demonstration/Viva-voce/Lab records etc.:	10	
• Mid-Term Exam:	15	
Part C – Learning Resources		
Recommended Books/e-resources/LMS:		
<div>1. BOTT, Ed. Introducing Windows 10 for IT Professionals. Microsoft Press. Washington, 2015. Complete MS Word Tutorial from Basic to Advanced. https://www.youtube.com/watch?v=A_JHmbZT5ro&ab_channel=ComputerTechAcademy</div> <div>2. GOOKIN (Dan). Word 2016 For Dummies. Wiley & Sons, Inc., 2013.</div> <div>3. LAMBERT (Joan) and FRYE (Curtis). Microsoft Office 2016 Step by Step. Microsoft Press. Washington, 2015. https://ptgmedia.pearsoncmg.com/images/9780735699236/samplepages/9780735699236.pdf</div> <div>4. Lambert (Joan) and Frye (Curtis). Microsoft Office Step by Step (Office 2021 and Microsoft 365), Pearson India, 2024.</div> <div>5. LAMBERT (Joan) and LAMBERT (Steve). Windows 10 Step by Step. Microsoft Press, Washington, 2015. https://ptgmedia.pearsoncmg.com/images/9780735697959/samplepages/9780735697959.pdf LAMBERT. Microsoft Word 2016 Step by Step. PHI.</div> <div>6. LOWE (Doug). PowerPoint 2016 For Dummies. Wiley & Sons, Inc., 2015. Microsoft Word Tutorial - Complete MS-Word Tutorial for Beginners. https://www.youtube.com/watch?v=YHSLkNzLuqc&ab_channel=LearnMore WEVERKA. Microsoft Office 2021 All-In-One for Dummies, Wiley India, 2023. WEVERKA. Microsoft Office 365 All-In-One for Dummies, 2nd Ed., Wiley India, 2023.</div>		

Mapping Matrix of Course M24-LIS-105

Table 105.1: CLO-PLO Matrix

CLO	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
M24-LIS-105.1	2	2	3	1	3	1	1	2	3
M24-LIS-105.2	2	2	3	2	3	1	1	2	3
M24-LIS-105.3	2	3	3	3	3	2	1	2	3
M24-LIS-105.4	3	2	3	1	3	2	1	2	3
Average	2.25	2.25	3	1.75	3	1.5	1	2	3

Session: 2025 – 26			
Part A - Introduction			
Name of the Programme	Master of Library & Information Science		
Semester	2 nd Semester		
Name of the Course	Reference and Information Services		
Course Code	M24-LIS-201		
Course Type	CC-4		
Level of the course	400-499		
Pre-requisite for the course (if any)			
Course Learning Outcomes(CLO): After completing this Course, the Learner will be able to:			
M24-LIS-201.1	Develop a comprehensive understanding of Reference Service and the techniques involved in conducting effective Reference Interviews		
M24-LIS-201.2	Learn about different kinds and functions of Information Services		
M24-LIS-201.3	Gain an Understanding of the Services offered by various Information Systems		
M24-LIS-201.4	Explore Current Trends in Reference and Information Services		
Credits	Theory	Practical	Total
	4	0	4
Teaching Hours per week	4	0	4
Internal Assessment Marks	30	0	30
End Term Exam Marks	70	0	70
Max. Marks	100	0	100
Examination Time	3 Hours		
Part B –Contents of the Course			
Instructions for Paper Setter: The Examiner will set 9 questions asking 2 Questions from each unit and one Compulsory Question by taking Course Learning Outcomes (CLOs) into consideration. The Compulsory Question (Question No. 1) will consist of four questions covering entire syllabus. The examinee will be required to attempt 5 Questions, selecting one question from each Unit and the compulsory question. All Questions will carry equal marks.			
Unit	Topics		Contact Hours
I	Foundations of Reference Services - Reference Services: Definition, Need and Functions - Theories and Levels of Reference Services		15

	<ul style="list-style-type: none">- Reference Service in different Types of Library- Five Laws of Library Science and Reference Service- Reference Process: Reference Question; Reference Interview- Qualities and Competencies of a Reference Librarian	
II	Information Services: Types and Functions <ul style="list-style-type: none">- Concept and Types of Information Services: An overview- Current Awareness Service (CAS)- Selective Dissemination of Information (SDI).- Document Delivery Service (DDS)- Translation Service- Referral Service	15
III	Services and Products of specific Information Systems <ul style="list-style-type: none">- Concept, Objectives, Functions of Information Systems- Environmental Information System (ENVIS)- Biotechnology Information System (BTIS)- International Nuclear Information System (INIS)- International Information System on Agricultural Sciences and Technology(AGRIS)- National Institute of Science Communication and Information Resources (NISCAIR)	15
IV	Trends in Reference and Information Service <ul style="list-style-type: none">- Online/Virtual Reference Services: Concept, Types and Advantages- Synchronous Communication & Content Delivery: Instant Messaging, RSS Feeds, Streaming Media, Podcasts, Vodcasts, SMS Enquiry Service- Collaborative Publishing Tools: Blogs & Wikis, Collaborative Service Platforms: Social Networks, Tagging, Social Bookmarking- Use of Social Media in Information Service- Best Practice and Role of Reference Librarian in Digital Era	15
Total Contact Hours		60
Suggested Evaluation Methods		
Internal Assessment: 30		End Term Examination: 70
• Class Participation	5	Written Examination
• Seminar/presentation/assignment/quiz/class test etc.	10	
• Mid-Term Exam	15	
Part C – Learning Resources		
Recommended Books		
1. ATHERTON (Pauline). Handbook for information systems and services. 1977. UNESCO, Paris.		
2. BOPP (Richard E) and SMITH (Linda C), <i>Ed.</i> Reference and information services: An Introduction. Rev. ed. 1995. Libraries Un., USA.		
3. CHATTERJEE (Amitabha). Elements of Information Organization and Dissemination. 2017.Chandos; USA.		

4. KATZ (William A). Introduction to Reference Work. Ed. 7. 2 V. 1996. Mc Graw Hill, New York.
5. KAWATRA (PS). Fundamentals of Documentation. 983. Sterling Pub., New Delhi.
6. KRISHAN KUMAR. Reference Service.Rev.ed.3. 1987.Vikas, New Delhi.
7. RANGANATHAN (S R). Reference Service, 1991. Sarada Ranganathan Endowment, Bangalore.
8. ROWLEY (J E). The Basics of Information Systems.1996. Facet Publishing, London.
9. TRIPATHI (S.M.). New Dimensions on Reference and Information Services. (Hindi Medium) 1998. Y.K., Agra. (Hindi Medium).
10. USHA PAWAN and GUPTA (Pawan Kumar). Sandarbh Sewa: Avam Suchna Strot 1994. RBSA, Jaipur. (Hindi Medium).
11. GUHA (B). Documentation and Information: Services, Techniques and Systems. 1983. The world Press, Calcutta,
12. GURDEV SINGH. Information Sources, Services and Systems. 2013. PHI Learning, New Delhi.
13. RASTOGI, K.G. Reference services in Library Science. 2006. Alfa Publications, New Delhi.
14. <https://egyankosh.ac.in/>
15. <https://epgpathshala.ac.in/>

Mapping Matrix of Course: M24-LIS-201

Table 201.1: CLO-PLO Matrix

CLO	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
M24-LIS-201.1	3	2	3	3	3	3	2	2	2
M24-LIS-201.2	3	2	3	3	3	3	2	2	2
M24-LIS-201.3	3	2	3	3	3	3	2	3	3
M24-LIS-201.4	3	3	3	2	3	3	3	3	3
Average	3	2.25	3	2.75	3	3	2.25	2.5	2.5

Session: 2025 – 26			
Part A - Introduction			
Name of the Programme	Master of Library & Information Science		
Semester	2 nd Semester		
Name of the Course	Library Management		
Course Code	M24-LIS-202		
Course Type	CC-5		
Level of the course	400-499		
Pre-requisite for the course (if any)			
Course Learning Outcomes(CLO): After completing this Course, the Learner will be able to:			
M24-LIS-202.1	Understand the Management aspects of Library & Information Centres.		
M24-LIS-202.2	Understand Library Finance and Budgeting.		
M24-LIS-202.3	Familiarize with the different Sections of the Library & Information Centres.		
M24-LIS-202.4	Understand different aspects of Library maintenance and Space Management.		
Credits	Theory	Practical	Total
	4	0	4
Teaching Hours per week	4	0	4
Internal Assessment Marks	30	0	30
End Term Exam Marks	70	0	70
Max. Marks	100	0	100
Examination Time	3 Hours		
Part B –Contents of the Course			
Instructions for Paper Setter: The Examiner will set 9 questions asking 2 Questions from each unit and one Compulsory Question by taking Course Learning Outcomes (CLOs) into consideration. The Compulsory Question (Question No. 1) will consist of four questions covering entire syllabus. The examinee will be required to attempt 5 Questions, selecting one question from each Unit and the compulsory question. All Questions will carry equal marks.			
Unit	Topics		Contact Hours
I	Library Environment - Organisation, Management and Administration: A Conceptual Framework.		15

	<ul style="list-style-type: none">- Library Organisational Structure, Ranganathan's Staff Formula.- Library Committee: Types, functions and powers.	
II	Library Finance and Budgeting <ul style="list-style-type: none">- Sources of Finance.- Methods of Estimating Library Finance.- Budget Preparation for different types of Libraries.- General Administration: Annual Report, Library Statistics, Library Rules.	15
III	Sections of the Library <ul style="list-style-type: none">- Book Selection and Procurement: Principles, Policy, Committee, Tools and Procedure.- Technical Processing Section.- Periodicals Section.- Circulation Section.- Reference Section.	15
IV	Maintenance, Building and Space Management <ul style="list-style-type: none">- Maintenance Section: Stacking, Shelving, Shelf Rectification, Stock Verification, Binding etc.- Basic elements in designing library building.- Furniture and Equipments.	15
Total Contact Hours		60
Suggested Evaluation Methods		
Internal Assessment: 30		End Term Examination: 70
•Class Participation	5	Written Examination
•Seminar/presentation/assignment/quiz/class test etc.	10	
•Mid-Term Exam	15	
Part C – Learning Resources		
Recommended Books/e-resources/LMS:		
1. Application of Management Techniques to Library and Information Systems, 12th IASLIC Conference, Roorkee, 1979.		
2. MITTAL (R L). Library Administration: Theory and Practice. 5 th 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). Granthalya Prabandh (Hindi medium).		

Mapping Matrix of Course M24-LIS-202

Table 202.1: CLO-PLO Matrix

CLO	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
M24-LIS-202.1	3	2	3	3	3	3	3	2	3
M24-LIS-202.2	3	2	3	3	3	3	2	3	3
M24-LIS-202.3	3	2	3	3	3	3	3	3	3
M24-LIS-202.4	3	3	3	2	3	3	2	3	2
Average	3	2.25	3	2.75	3	3	2.5	2.75	2.75

Session: 2025 – 26			
Part A - Introduction			
Name of the Programme	Master of Library & Information Science		
Semester	2 nd Semester		
Name of the Course	ICT Application in LIS		
Course Code	M24-LIS-203		
Course Type	CC-6		
Level of the course	400-499		
Pre-requisite for the course (if any)			
Course Learning Outcomes(CLO): After completing this Course, the Learner will be able to:			
M24-LIS-203.1	Familiarize with classification of Computers and Hardware components.		
M24-LIS-203.2	Understand the concept of Computer Software.		
M24-LIS-203.3	Familiarize with different Communication Technologies.		
M24-LIS-203.4	Understand the Areas of Application of Computers in Libraries.		
Credits	Theory	Practical	Total
	4	0	4
Teaching Hours per week	4	0	4
Internal Assessment Marks	30	0	30
End Term Exam Marks	70	0	70
Max. Marks	100	0	100
Examination Time	3 Hours		
Part B –Contents of the Course			
Instructions for Paper Setter: The Examiner will set 9 questions asking 2 Questions from each unit and one Compulsory Question by taking Course Learning Outcomes (CLOs) into consideration. The Compulsory Question (Question No. 1) will consist of four questions covering entire syllabus. The examinee will be required to attempt 5 Questions, selecting one question from each Unit and the compulsory question. All Questions will carry equal marks.			
Unit	Topics		Contact Hours
I	Unit-I: Computer Hardware <ul style="list-style-type: none">– The Evolution and Characteristics of Computers.– Classification of Computers: Super Computer, Mainframe Computer, Mini Computer and Micro Computer. Digital vs.		15

	Analog Computers. – <i>Computer Architecture:</i> Input Devices, Output Devices, Central Processing Unit. Memory (Auxiliary).	
II	Unit-II: Computer Software – System and Application Software. – Operating Systems: Single and Multiuser. – Basics Features of MS Windows and Linux. – Application Software: Concept and Types.	15
III	Unit-III: Communication Technology (Networking) – <i>Communication:</i> An Overview – <i>Networks:</i> Concept and Components – <i>Network Media:</i> Wire and Wireless. – <i>Network Types:</i> PAN, LAN, MAN and WAN. – <i>Topologies:</i> Bus, Star, Ring, Token Ring, Tree and Mesh.	15
IV	Unit-IV: Library Automation – Role of Computers in Libraries – Library automation: definition, need, purpose & objectives – Application of Computers in Library Activities: Housekeeping Operations – Library management software: Basic Features of SOUL and KOHA	15
Total Contact Hours		60
Suggested Evaluation Methods		
Internal Assessment: 30		End Term Examination: 70
• Class Participation	5	Written Examination
• Seminar/presentation/assignment/quiz/class test etc.	10	
• Mid-Term Exam	15	
Part C – Learning Resources		
Recommended Books/e-resources/LMS:		
1. Bharathiar University. Introduction to Information Technology. http://buc.edu.in/sde_book/bcom_ca.pdf		
2. BHARIHOKE (Deepak). Fundamentals of Information Technology. 4 th 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 LAMBERT (Steve). Windows 10 Step by Step. Microsoft Press, Washington, 2015. https://ptgmedia.pearsoncmg.com/images/9780735697959/samplepages/9780735697959.pdf		

8. LEON (Alexis) and LEON (Mathews). Fundamentals of Information Technology. 2nd Ed. Vikas Publishing House Pvt. Ltd. New Delhi. 2009.
9. LEON-GARCIA (Alberto) and WIDJAJA (Indra). Communication Networks: Fundamental concepts and key architectures. 2nd Ed. McGraw-Hill, 2006.
10. McFedries (Paul). Teach Yourself Visually Windows 10. Wiley, 2015.
11. Nagpal (D P). Computer Fundamentals. S. Chand. New Delhi. 2008.
12. 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>
13. ROWLEY (Jennifer). Computers for libraries. 3rd ed. Library Association. London. 1993.
14. SALARIA (R S), Computer Fundamentals. Jain Book Agency. Delhi, 2015.
15. SINHA (P K) and Sinha (P). Foundations of computing. BPB Publications. 2008.
<http://www.edutechlearners.com/computer-fundamentals-p-k-sinha-free-pdf/>
16. 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>
17. Umesh Kumar Singh. Fundamentals of Computer and Information Technology. Jain Book Agency. Delhi, 2013.
18. WANG (Wallace). Office 2013 For Dummies. Wiley & Sons, Inc., 2013.
19. WEVERKA (Peter). Microsoft Office Home and Student Edition 2013 All-in-One for Dummies. John Wiley & Sons, Inc., 2013.
20. WEVERKA (Peter). Windows 10 For Seniors For Dummies. Wiley & Sons, Inc., 2015.

Mapping Matrix of Course M24-LIS-203

Table 203.1: CLO-PLO Matrix

CLO	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
M24-LIS-203.1	3	2	3	1	3	2	1	2	3
M24-LIS-203.2	3	2	3	1	3	2	1	2	3
M24-LIS-203.3	2	3	3	3	3	2	1	2	3
M24-LIS-203.4	3	2	3	2	3	2	1	2	3
Average	2.75	2.25	3	1.75	3	2	1	2	3

Session: 2025-26			
Part A – Introduction			
Name of the Programme	Bachelor of Library & Information Science		
Semester	2 nd Semester		
Name of the Course	Cataloguing Practice		
Course Code	M24-LIS-204		
Course Type	PC-3		
Level of the course	400-499		
Pre-requisite for the course (if any)			
Course Learning Outcomes(CLO): After completing this Course, the Learner will be able to:			
M24-LIS-204.1	Develop skills of Subject Cataloguing.		
M24-LIS-204.2	Cataloguing the documents according to AACR-II and RDA.		
M24-LIS-204.3	Develop skills of document analysis using Resource Description and Analysis (RDA).		
M24-LIS-204.4	Prepare Catalogue Entries according to RDA.		
Credits	Theory	Practical	Total
	0	4	4
Teaching Hours per week	0	8	8
Internal Assessment Marks	0	30	30
End Term Exam Marks	0	70	70
Max. Marks	0	100	100
Examination Time	0	3 Hours	
Part B-Contents of the Course			
Note for the Examiner The paper shall be divided into two parts-A&B and will be intended to know practical skills in the use and application of software.			
Practicals			Contact Hours
Unit-I: Anglo-American Cataloguing Rules-II (AACR-II) Marks: 40 <ul style="list-style-type: none">- Sections and Skeleton Card of Main and Added entries- Basic features, Personal Author(s), Shared Authorship, Collaborator (s).- Cataloguing Pseudonym Work.- Cataloguing of Multivolume documents.- Cataloguing of Periodical Publications (Simple Periodical			60

Publications)			
Unit-II: Marks: 30 Note: Preparation of Catalogue Entry of Two Documents out of Three in RDA. Preparation of Entries of Simple Books, Composite Books and Periodicals. Unit-III: (i) Viva-voce: 10 Marks	Resource Description and Access (RDA)	60	
Total Contact Hours		120	
Suggested Evaluation Methods			
Internal Assessment: 30		End Term Examination: 70	
• Class Participation:	5	Practicum Examination	
• Seminar/Demonstration/Viva-voce/Lab records etc.:	10		
• Mid-Term Exam:	15		
Part C – Learning Resources			
Recommended Books/e-resources/LMS: 1. DHYANI (Pushpa). Theory of Library Classification. 2000.Vishwa Prakashan, Delhi. 2. KRISHAN KUMAR. Theory of Library Classification. 1985. Vikas, Delhi. 3. RANGANATHAN (SR). Colon Classification. Revised ed. 6. 1963. Ess Ess Publications. 4. RANGANATHAN (S R) Prolegomena to library classification. 3 rd ed. 1967. Sarda Ranganathan Endowment, Bombay. 5. TRIPATHI (S M) and SHOKEEN (N S). Fundamentals of Library Classification (Hindi Medium). 1988. Y.K., Agra. 6. ALA, et al. 2010. Resource Description and Access. 7. ALA and others. Anglo American Cataloguing Rules. Revised ed. 2. 1998. 8. SEARS (ME). Seats List of Subject Headings. Latest edition.			

Mapping Matrix of Course M24-LIS-204

Table 204.1: CLO-PLO Matrix

CLO	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
M24-LIS-204.1	3	3	3	2	3	3	2	3	3
M24-LIS-204.2	3	3	3	3	3	3	3	3	3
M24-LIS-204.3	3	3	3	3	3	3	3	3	3
M24-LIS-204.4	3	3	3	3	3	3	3	3	3
Average	3	3	3	2.75	3	3	2.75	3	3

Session: 2025-26			
Part A - Introduction			
Name of the Programme	Bachelor of Library & Information Science		
Semester	2 nd Semester		
Name of the Course	Information Sources and Services Practice		
Course Code	M24-LIS-205		
Course Type	PC-4		
Level of the course	400-499		
Pre-requisite for the course (if any)			
Course Learning Outcomes(CLO): After completing this Course, the Learner will be able to:			
M24-LIS-205.1	Know the criteria to evaluate different types of Reference Sources		
M24-LIS-205.2	Develop proficiency in answering a range of Reference Queries		
M24-LIS-205.3	Prepare Bibliographic Entries according to APA Style Guidelines.		
M24-LIS-205.4	Gain understanding in compiling Journal Content Alerts and organizing Thematic Newspaper Clippings.		
Credits	Theory	Practical	Total
	0	4	4
Teaching Hours per week	0	8	8
Internal Assessment Marks	0	30	30
End Term Exam Marks	0	70	70
Max. Marks	0	100	100
Examination Time	0	3 Hours	
Part B-Contents of the Course			
Instructions for Paper Setter: This course aims to provide practical skills in evaluating reference sources and delivering various types of information services within a library setting. The examinee will be required to attempt 5 Questions. All Questions will carry equal marks.			
Practical			Contact Hours
1. Evaluation of Reference Source Critical assessment of Reference Source based on their authority, scope, arrangement, treatment and format.			120
2. Providing Answers of Reference Questions Effectively responding to reference queries through the identification of appropriate reference sources accompanied by accurate bibliographical details.			

3. Prepare Bibliographic Entries according to APA Style Guideline Creating bibliographic citations in accordance with APA style guidelines.		
4. Compile Journal Contents Alerts Organizing Current Journal Content List (Broad Subject Headings Arrangement) for user awareness and access.		
5. Organize Thematic Newspaper Clippings Collecting and arranging Newspaper Clippings based on specific themes or subject areas.		
Total Contact Hours		120
Suggested Evaluation Methods		
Internal Assessment: 30		End Term Examination: 70
• Class Participation:	5	Practicum Examination
• Seminar/Demonstration/Viva-voce/Lab records etc.:	10	
• Mid-Term Exam:	15	
Part C – Learning Resources		
List of Reference Sources for Evaluation:		
1. Bibliographical Sources: Indian National Bibliography, Books-in-Print (Bowker),Guide to Indian Periodical Literature, Library and Information Science Abstracts (LISA).		
2. Encyclopaedias: New Encyclopaedia Britannica, Encyclopaedia of Library and Information Science, International Encyclopaedia of Social Sciences.		
3. Dictionaries: Oxford English Dictionary, Webster's Third New International Dictionary, Samantar Kosh: Hindi Thesaurus, Rogets International Thesaurus.		
4. Geographical Sources: Gazetteer of India, World Geographical Encyclopaedia, Times Atlas of the World.		
5. Biographical Sources: International Who's Who, Chamber's Biographical Dictionary.		
6. Year Books: Europa World Yearbook, Statesman's Yearbook, India: A Reference Annual.		
7. Directories: Universities Handbook India, World of Learning.		
8. Statistical Sources: Statistical Abstracts of India, UNESCO Statistical Yearbook.		
9. Handbooks: Limca Book of Records, Guinness Book of World Records.		
Recommended Books/e-resources/LMS:		
1. American Psychological Association. (2010). <i>Publication manual of the American Psychological Association</i> (6th ed.). Washington, DC: American Psychological Association		
2. Katz, William A. (1996). <i>Introduction to Reference Work</i> . Ed. 7 2V. New York: McGraw Hill.		
3. https://egyankosh.ac.in/ https://inflibnet.ac.in/		

Mapping Matrix of Course: M24-LIS-205

Table 205.1: CLO-PLO Matrix

CLO	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
M24-LIS-205.1	3	3	3	3	3	3	2	2	2
M24-LIS-205.2	3	3	3	3	3	3	2	2	2
M24-LIS-205.3	3	3	3	3	3	3	3	2	2
M24-LIS-205.4	3	3	3	2	3	3	2	2	2
Average	3	3	3	2.75	3	3	2.25	2	2

Session: 2025-26			
Part-A - Introduction			
Name of the Programme	Common to all PG Programmes		
Semester	2 nd Semester		
Name of the Course	Constitutional, Human and Moral Values, and IPR		
Course Code	M24-CHM-201		
Course Type	CHM		
Level of the course	400-499		
Pre-requisite for the course (if any)	-		
Course Learning Outcomes(CLO): After completing this Course, the Learner will be able to:			
M24-CHM-201.1	Learn the different Constitutional Values, Fundamental rights and duties enshrined in the India Constitution.		
M24-CHM-201.2	Understand humanism, human virtues and values, and idea of International peace.		
M24-CHM-201.3	Grasp the basic concepts of Moral Values and Professional Conduct which are required to become a part of the civil society and for developing professionalism.		
M24-CHM-201.4	Understand concepts of Intellectual Property Rights, Copyright, Patent, Trademark etc., and about threats of Plagiarism.		
Credits	Theory	Practical	Total
	2	0	2
Teaching Hours per week	2	0	2
Internal Assessment Marks	15	0	15
End Term Exam Marks	35	0	35
Max. Marks	50	0	50
Examination Time	3 Hours		
Part B-Contents of the Course			
Instructions for Paper- Setter: The examiner will set 9 questions asking two questions from each unit and one compulsory question by taking course learning outcomes (CLOs) into consideration. The compulsory question (Question No. 1) will consist of four questions covering entire syllabus. The examinee will be required to attempt 5 questions, selecting one question from each Unit and the compulsory question. All questions will carry equal marks.			
Unit	Topics		Contact Hours
I	Constitutional Values: Historical Perspective of Indian Constitution; Basic Values enshrined in the Preamble of the Indian Constitution; Concept of Constitutional Morality; Patriotic Values and Ingredients Nation Building; Fundamental Rights and Duties ; Directive Principles of the State Policy.		8
II	Humanistic Values: Humanism, Human Virtues and Civic Sense; Social Responsibilities of Human Beings; Ethical ways to deal with human aspirations; Harmony		7

	with society and nature; Idea of International Peace and Brotherhood (Vasudhaiv Kutumbkam).	
III	Moral Values and Professional Conduct Understanding Morality and Moral Values; Moral Education and Character Building; Ethics of Relations: Personal, Social and Professional; Introduction to Gender Sensitization; Affirmative approach towards Weaker Sections (SCs, STs, OBCs, EWS& DAs); Ethical Conduct in Higher Education Institutions; Professional Ethics.	8
IV	Intellectual Property Rights: Meaning, Origins and Nature of Intellectual Property Rights (IPRs);Different Kinds of IPRs – Copyright, Patent, Trademark, Trade Secret/Dress, Design, Traditional Knowledge; Infringement and Offences of IPRs – Remedies and Penalties; Basics of Plagiarism policy of UGC.	7
Note: Scope of the syllabus shall be restricted to generic and introductory level of mentioned topics.		
Total Contact Hours		30
Suggested Evaluation Methods		
Internal Assessment: 15		End Term Examination: 35
•Class Participation:	4	Written Examination
•Seminar/presentation/assignment/quiz/class test etc.:	4	
•Mid-Term Exam:	7	
Part C-Learning Resources		
Recommended Books/e-resources/LMS:		
1. Ahuja, V K. (2017). <i>Law relating to Intellectual Property Rights</i> , India, IN: Lexis Nexis.		
2. Bajpai, B. L., <i>Indian Ethos and Modern Management</i> , New Royal Book Co., Lucknow, 2004.		
3. Basu, D.D., <i>Introduction to the Constitution of India</i> (Students Edition) Prentice Hall of India Pvt. Ltd., New Delhi, 20th ed., 2008.		
4. Dhar, P.L. & R.R. Gaur, <i>Science and Humanism</i> , Commonwealth Publishers, New Delhi, 1990.		
5. George, Sussan, <i>How the Other Half Dies</i> , Penguin Press, 1976.		
6. Govindarajan, M., S. Natarajan, V.S. Sendilkumar (eds.), <i>Engineering Ethics (Including Human Values)</i> , Prentice Hall of India Private Ltd, New Delhi, 2004.		
7. Harries, Charles E., Michael S. Pritchard & Michael J. Robins, <i>Engineering Ethics</i> , Thompson Asia, New Delhi, 2003.		
8. Illich, Ivan, <i>Energy & Equity</i> , Trinity Press, Worcester, 1974.		
9. Meadows, Donella H., Dennis L. Meadows, Jorgen Randers & William W. Behrens, <i>Limits to Growth: Club of Rome's Report</i> , Universe Books, 1972.		
10. Myneni, S.R, Law of Intellectual Property, Asian Law House.		
11. Narayanan, P, <i>IPRs</i> .		
12. Neeraj, P., &Khusdeep, D. (2014). <i>Intellectual Property Rights</i> , India, IN: PHI learning Private Limited.		
13. Nithyananda, K V. (2019). <i>Intellectual Property Rights: Protectionand Management</i> . India, IN: Cengage Learning India Private Limited.		
14. Palekar, Subhas, <i>How to practice Natural Farming</i> , Pracheen (Vaidik) KrishiTantraShodh, Amravati, 2000.		
15. Phaneesh, K.R., <i>Constitution of India and Professional Ethics</i> , New Delhi.		
16. Pylee, M.V., <i>An Introduction to Constitution of India</i> , Vikas Publishing, New Delhi, 2002.		

17. Raman, B.S., *Constitution of India*, New Delhi, 2002.
18. Reddy, B., *Intellectual Property Rights and the Law*, Gogia Law Agency.
19. Reddy, N.H., Santosh Ajmera, *Ethics, Integrity and Aptitude*, McGraw Hill, New Delhi.
20. Sharma, Brij Kishore, *Introduction to the Constitution of India*, New Delhi,
21. Schumacher, E.F., *Small is Beautiful: A Study of Economics as if People Mattered*, Blond & Briggs, Britain, 1973.
22. Singles, Shubham et. al., *Constitution of India and Professional Ethics*, Cengage Learning India Pvt. Ltd., Latest Edition, New Delhi, 2018.
23. Tripathy, A.N., *Human Values*, New Age International Publishers, New Delhi, 2003.
24. Wadehra, B.L., *Law relating to Intellectual Property*, Universal Law Publishing Co.
25. Relevant Websites, Movies and Documentaries:
Value Education Websites, <http://uhv.ac.in>, <http://www.uptu.ac.in>.
Story of Stuff, <http://www.storyofstuff.com>
 Cell for IPR Promotion and Management: <http://cipam.gov.in/>.
 World Intellectual Property Organization: <https://www.wipo.int/about-ip/en/>
 Office of the Controller General of Patents, Designs & Trademarks: <http://www.ipindia.nic.in/>
26. Al Gore, *An Inconvenient Truth*, Paramount Classics, USA.
27. Charlie Chaplin, *Modern Times*, United Artists, USA.
28. *Modern Technology – The Untold Story*, IIT, Delhi.
29. A. Gandhi, *Right Here Right Now*, Cyclewala Productions.

Mapping Matrix of Course M24-CHM-201
Table CHM-201.1: CLO-PLO Matrix

CLO	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
M24-CHM-201.1	3	2	3	3	3	3	3	2	3
M24-CHM-201.2	3	2	3	3	3	3	2	3	3
M24-CHM-201.3	3	2	3	3	3	3	3	3	3
M24-CHM-201.4	3	3	3	2	3	3	2	3	2
Average	3	2.25	3	2.75	3	3	2.5	2.75	2.75

Session: 2025 – 26			
Part A - Introduction			
Name of the Programme	Master of Library & Information Science		
Semester	3 rd Semester		
Name of the Course	Electronic Resource Management (ERM)		
Course Code	M24-LIS-301		
Course Type	CC-7		
Level of the course	500-599		
Pre-requisite for the course (if any)			
Course Learning Outcomes(CLO): After completing this Course, the Learner will be able to:			
M24-LIS-301.1	Understand the basic concept, types, and process of collection building of e-Resources;		
M24-LIS-301.2	Grasp the issues related to licensing, negotiation, access, and use;		
M24-LIS-301.3	Work in collaborative environment for better resource access and delivery with leading consortia in India; and		
M24-LIS-301.4	Know the various usage related standards, guidelines and services.		
Credits	Theory	Practical	Total
	4	0	4
Teaching Hours per week	4	0	4
Internal Assessment Marks	30	0	30
End Term Exam Marks	70	0	70
Max. Marks	100	0	100
Examination Time	3 Hours		
Part B –Contents of the Course			
Instructions for Paper Setter: The Examiner will set 9 questions asking 2 Questions from each unit and one Compulsory Question by taking Course Learning Outcomes (CLOs) into consideration. The Compulsory Question (Question No. 1) will consist of four questions covering entire syllabus. The examinee will be required to attempt 5 Questions, selecting one question from each Unit and the compulsory question. All Questions will carry equal marks.			
Unit	Topics		Contact Hours
I	E-Resources: Collection Development – Concept, Need, Characteristics, Benefits and Drawbacks of E-resources		15

	<ul style="list-style-type: none">– Types of E-Resources: E-books, E-journals, Databases, Electronic Theses & Dissertations etc.– Collection Building Process –Electronic Resource Development Policy– Budgeting, Pricing, Licensing, Ordering and Receiving, Evaluation of e-Resources– Archiving and Preservation of E-Resources	
II	E-Resources: Negotiations, Licensing, and Access <ul style="list-style-type: none">– Model Licenses and Guidelines for Collection Building– Negotiation: Concept and Need– Copyright in the Digital Environment/Digital Rights Management (DRM) and User Training– Delivery of E-Resources & Access Management and Authentication– Off-campus and Integrated Access	15
III	E-Resources: Consortia <ul style="list-style-type: none">– Concept, Need and Purpose of Consortia– Growth and Development of Consortia– Collection Building of E-Resources through Consortia– Consortia: e-Shodh Sindhu, CeRA, NKRC, OCLC	15
IV	E-Resources: Usage <ul style="list-style-type: none">– Usage Statistics, E-Resource Usage Analysis– Standards and Guidelines (COUNTER); Processing, Analysis and Presentation of Data– Discovery based Services– Usage Enhancement Measures	15
Total Contact Hours		60
Suggested Evaluation Methods		
Internal Assessment: 30		End Term Examination: 70
•Class Participation	5	Written Examination
•Seminar/presentation/assignment/quiz/class test etc.	10	
•Mid-Term Exam	15	
Part C – Learning Resources		
Recommended Readings		
<ol style="list-style-type: none">1. Conger, J. E. (2004). Collaborative Electronic Resource Management: From Acquisitions to Assessment. Westport: Libraries Unlimited.2. Curtis, D., & Scheschy, V. M. (2005). E-journals: A how-to-do-it manual for building, managing, and supporting electronic journal collections. New York: Neal-Schuman Publishers.3. Fenner, A. (2014). Managing digital resources in libraries. New York: Routledge.4. Fowler, D. C. (2004). E-serials collection management: Transitions, trends, technicalities. New York: Haworth Information Press.		

5. Garibyan, M., McLeish, S., & Paschoud, J. (2017). Access and identity management for libraries: Controlling access to online information. London: Facet Publishing.
6. Halaychik, C. S., Reagan, B. (2018). Licensing Electronic Resources in Academic Libraries: A Practical Handbook. United Kingdom: Elsevier Science.
7. Hanson, A., & Levin, B. L. (2003). Building a virtual library. Hershey: Information Science Pub.
8. Jones, W. (2014). E-journals access and management. New York: Routledge.
9. Katz, L. S. (2003). Collection Development Policies: New Dimension for Changing Collections. London: Routledge.
10. Kemp, R. (2008). E-resource evaluation & usage statistics: Selector's choices. Saarbrücken: VDM Verlag Dr. Müller.
11. Lal, J., Tripathi, A. (2016). Library Consortia: Practical Guide for Library Managers. Netherlands: Elsevier Science.
12. Lee, S. D. (2004). Building an electronic resource collection: A practical guide. London: Facet Publishing.
13. Lee, S. H. (2012). Electronic Resources and Collection Development. Hoboken: Taylor and Francis.
14. Lee, Sul H. (2003). Electronic Resources and Collection Development. London: Routledge.
15. Patra, N. K. (2017). Digital Disruption and Electronic Resource Management in Libraries. United Kingdom: Elsevier Science.
16. Stachokas, G. (2019). The Role of the Electronic Resources Librarian. United Kingdom: Elsevier Science.
17. Talbott, H., Zmau, A. (2018). Electronic Resources Librarianship: A Practical Guide for Librarians. United States: Rowman & Littlefield Publishers.
18. Verminski, A., & Blanchat, K. M. (2017). Fundamentals of electronic resources management. Chicago: Neal-Schuman
19. W Pattie, L. Y., Cox, B. J. (2020). Electronic Resources: Selection and Bibliographic Control. United States: CRC Press.
20. Webster, P. M. (2008). Managing electronic resources: New and changing roles for libraries. Oxford: Chandos.
21. Yu, H., & Breivold, S. (2008). Electronic resource management in libraries: Research and practice. Hershey: Information Science Reference

Mapping Matrix of Course M24-LIS-301

Table 301.1: CLO-PLO Matrix

CLO	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
M24-LIS-301.1	3	2	3	2	3	2	1	2	3
M24-LIS-301.2	3	2	3	3	3	2	2	2	3
M24-LIS-301.3	2	3	3	3	3	2	2	3	3
M24-LIS-301.4	3	2	3	2	3	2	2	2	3
Average	2.75	2.25	3	2.5	3	2	1.75	2.25	3

Session: 2025 – 26			
Part A - Introduction			
Name of the Programme	Master of Library & Information Science		
Semester	3 rd Semester		
Name of the Course	Information Analysis, Consolidation and Repackaging		
Course Code	M24-LIS-302		
Course Type	CC-8		
Level of the course	500-599		
Pre-requisite for the course (if any)			
Course Learning Outcomes(CLO): After completing this Course, the Learner will be able to:			
M24-LIS-302.1	Comprehend conceptual breakdown of Information Consolidation and Repackaging and identify specific needs of various user groups		
M24-LIS-302.2	Understand the steps involved in Information Consolidation and Repackaging		
M24-LIS-302.3	Understand the forms of Condensed Content produced under Information Analysis, Consolidation, and Repackaging		
M24-LIS-302.4	Identify the managing aspects of Information Consolidation Units and explore the emerging trends in IACR.		
Credits	Theory	Practical	Total
	4	0	4
Teaching Hours per week	4	0	4
Internal Assessment Marks	30	0	30
End Term Exam Marks	70	0	70
Max. Marks	100	0	100
Examination Time	3 Hours		
Part B –Contents of the Course			
Instructions for Paper Setter: The Examiner will set 9 questions asking 2 Questions from each unit and one Compulsory Question by taking Course Learning Outcomes (CLOs) into consideration. The Compulsory Question (Question No. 1) will consist of four questions covering entire syllabus. The examinee will be required to attempt 5 Questions, selecting one question from each Unit and the compulsory question. All Questions will carry equal marks.			
Unit	Topics		Contact Hours
I	Introduction to Information Consolidation and Repackaging - Information Consolidation: Meaning, Need, Objectives, Value and		15

	<p>Benefits</p> <ul style="list-style-type: none">- Content Analysis: Concept, Types, Advantages and Disadvantages- Presentation of Contents: Format, Mode and Media- Packaging and Repackaging of Information: Concept, Benefits, Challenges for Repackaging of Information- User Groups of IACR and their Information Requirements	
II	<p>Processes of Information Consolidation and Repackaging</p> <ul style="list-style-type: none">- Processes of Information Consolidation: Prerequisites- User Studies: Need, Objectives, Plan and Methods- Role of Specialists in Design and Development of IACR Products.- Textual Presentation of Information: Characteristics, Prerequisites and Methodology of Technical Writing- Non-Textual Presentation of Information	15
III	<p>Forms of Condensed Content</p> <ul style="list-style-type: none">- Condensation: Need, Factors, Process, Forms and Evaluation- Information Consolidation Products: Concept, Nature and Types- Reviews: Evolution, Characteristics, Categories and functions- State-of-the-art Reports; Trend Reports: Need and Preparation- Digests: Need, Functions and Categories- Abstract: Definition, Types, Qualities and format of Abstract; Process and Guidelines for Abstracting.	15
IV	<p>Managing of Information Consolidation Units</p> <ul style="list-style-type: none">- Genesis, Types, Objectives and Functions IACR Centre. Key difference of IACR Centre with Traditional Library.- Justification the Need for an Information Consolidation Unit- Types of Organizations and IACR Products by diffusion stages- Planning and Management of IACR Consolidation Centers- Emerging Trends in Information Analysis, Consolidation and Repackaging	15
Total Contact Hours		60
Suggested Evaluation Methods		
Internal Assessment: 30		End Term Examination: 70
•Class Participation	5	Written Examination
•Seminar/presentation/assignment/quiz/class test etc.	10	
•Mid-Term Exam	15	
Part C – Learning Resources		
Recommended Books		
1. BASU (B N). Technical Writing. 2007. Prentice Hall of India, New Delhi.		
2. CHATTERJEE (Amitabha). Elements of Information Analysis, Consolidation and Repackaging (IACR). 2013.Prova Prakashani, Kolkata.		

3. COOPER (B M). Writing Technical Reports. 1986.Penguin, New York.
4. KUMAR(PSG). Information Analysis, Repackaging Consolidation & Information Retrieval.2003. (Paper X and XI of UGC Model Curriculum). B.R. Pub, Delhi.
5. ROWLEY(JE). Abstracting and Indexing.1982. Clive Bingley, London.
6. ROWLEY(JE). The Basics of Information Systems.1960. Facet Publishing, London.
7. SARACEVIC (T) and WOOD (JS).Consolidation of Information: A Handbook of Evaluation, Restructuring and Repackaging of Scientific and Technical Information. 1981. UNESCO, Paris.
8. SEETHARAMA(S). Information Consolidation and Repackaging: Framework, Methodology, Planning. 1997. Ess Ess Pub., New Delhi.
9. SEETHARAMA (S). Modes of Presentation of Information in Information Consolidation Products. *Library Science with a Slant to Document*, 22; 1985; Paper E.
10. STUEART(Robert D) and MORAN (Barbara B.). Library and Information Centre Management.2007. 7th ed. Libraries Unlimited, London.
11. SEWA SINGH. Information Analysis, Consolidation and Repackaging. 2014. Atlantic, New Delhi.
12. SEWA SINGH. Information Analysis, Consolidation and Repackaging. 2024.EssEss Pub., Agra (Hindi).
13. RIAZ(M). Advanced Indexing and Abstracting Practices. 1989. Atlantic publishers, New Delhi.
14. LANCASTER(FW). Indexing and Abstracting in Theory and Practice. 1991. Library Association Publishing, London.
15. <https://epgp.inflibnet.ac.in/>
16. <http://egyankosh.ac.in/>

Mapping Matrix of Course M24-LIS-302

Table 302.1: CLO-PLO Matrix

CLO	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
M24-LIS-302.1	3	2	3	3	3	3	2	2	2
M24-LIS-302.2	3	2	3	3	3	3	2	3	3
M24-LIS-302.3	3	2	3	3	3	3	2	3	3
M24-LIS-302.4	3	3	3	2	3	3	3	2	2
Average	3	2.25	3	2.75	3	3	2.25	2.5	2.25

Session: 2024 – 25			
Part A - Introduction			
Name of the Programme	Master of Library & Information Science		
Semester	3 rd semester		
Name of the Course	Information Literacy		
Course Code	M24-LIS-303		
Course Type	DEC-1		
Level of the course	500-599		
Pre-requisite for the course (if any)			
Course Learning Outcomes (CLO): After completing this Course, the Learner will be able to:			
M24 LIS -303.1	Understand the concept of Information Literacy and its importance for Lifelong Learning.		
M24 LIS -303.2	Know the different Models, Standards and Framework of Information Literacy.		
M24 LIS -303.3	Know the information literacy Skills for different persons and Programmes in different Types of Libraries.		
M24 LIS -303.4	Impart Information Literacy Instructions and prepare significant Information Literacy products while understanding the misleading information.		
Credits	Theory	Practical	Total
	4	0	4
Teaching Hours per week	4	0	4
Internal Assessment Marks	30	0	30
End Term Exam Marks	70	0	70
Max. Marks	100	0	100
Examination Time	3 Hours		
Part B – Contents of the Course			
Instructions for Paper Setter: The Examiner will set 9 questions asking 2 Questions from each unit and one Compulsory Question by taking Course Learning Outcomes (CLOs) into consideration. The Compulsory Question (Question No. 1) will consist of four questions covering entire syllabus. The examinee will be required to attempt 5 Questions, selecting one question from each Unit and the compulsory question. All Questions will carry equal marks.			
Unit	Topics		Contact

		Hours
I	<ul style="list-style-type: none">- Information Literacy: Concept, Definition, Need and Importance- Types of Information Literacy –Technology Literacy, Media Literacy, Computer Literacy & Digital Literacy- Information Literacy and Lifelong Learning- Levels of Information Literacy- Entry, Mid and High	15
II	<ul style="list-style-type: none">- Models, Standards, Framework & Guidelines of Information Literacy: SCONUL, ACRL, UNESCO, IFLA, Search Process Model, Big6 Skills- Information Literacy: Initiatives and Forums in India	15
III	<ul style="list-style-type: none">- Information Literacy Skills for Individuals, Professionals, Researchers and Library Professionals- Role of libraries in Information Literacy: School, College and University Libraries, Public Libraries, Special Libraries	15
IV	<ul style="list-style-type: none">- Library Induction, Lecture, Demonstration, Practicals, Assignments- Information Literacy Products: Library Brochure, Web based Access Instruction- Information Overload, Fake News, Misinformation and Disinformation, Cyber bullying, Netiquettes	15
Total Contact Hours		60
Suggested Evaluation Methods		
Internal Assessment: 30		End Term Examination: 70
• Class Participation:	5	Written Examination
• Seminar/presentation/assignment/quiz/class test etc.:	10	
• Mid-Term Exam:	15	
Part C – Learning Resources		
Recommended Books/e-resources/LMS:		
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. <i>Journal of Documentation</i> 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/>

Mapping Matrix of Course M24-LIS-303

Table 303.1: CLO-PLO Matrix

CLO	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
M24-LIS-303.1	3	2	2	1	1	3	2	1	1
M24-LIS-303.2	3	3	2	2	2	2	1	1	1
M24-LIS-303.3	3	2	2	2	2	2	1	1	2
M24-LIS-303.4	3	3	3	3	3	2	1	2	3
Average	3	2.5	2.25	2	2	2.25	1.25	1.25	1.75

Session: 2024 – 25			
Part A - Introduction			
Name of the Programme	Bachelor of Library & Information Science		
Semester	3 rd Semester		
Name of the Course	School Library System		
Course Code	M24-LIS-304		
Course Type	DEC-1		
Level of the course	500-599		
Pre-requisite for the course (if any)			
Course Learning Outcomes (CLO): After completing this Course, the Learner will be able to:			
M24-LIS-304.1	Know the role and functioning of school libraries in elementary and secondary education.		
M24-LIS-304.2	Understand the collection development and different types of sources in school libraries.		
M24-LIS-304.3	Familiarize with different information services provided in school libraries.		
M24-LIS-304.4	Familiarize with the policies and guidelines of various regulatory agencies for school libraries.		
Credits	Theory	Practical	Total
	4	0	4
Teaching Hours per week	4	0	4
Internal Assessment Marks	30	0	30
End Term Exam Marks	70	0	70
Max. Marks	100	0	100
Examination Time	3 Hours		
Part B –Contents of the Course			
Instructions for Paper Setter: The Examiner will set 9 questions asking 2 Questions from each unit and one Compulsory Question by taking Course Learning Outcomes (CLOs) into consideration. The Compulsory Question (Question No. 1) will consist of four questions covering entire syllabus. The examinee will be required to attempt 5 Questions, selecting one question from each Unit and the compulsory question. All Questions will carry equal marks.			
Unit	Topics		Contact Hours
I	School Library System: Basic Concept - Definition, scope & objectives		15

	<ul style="list-style-type: none">- Components: Mobile Library, Cluster Library, Classroom Library, Centralized school library, School Community Library- Role of School libraries in Elementary and Secondary Education	
II	Information Sources and Collection Development <ul style="list-style-type: none">- Information sources for children: Illustrated books, Reference books, Newspapers and magazines, Audio-video collection, Digital resources.- Collection Development: Selection, Acquisition & Maintenance.	15
III	Users and Information Services <ul style="list-style-type: none">- Users of school library and their information needs- Information services in school libraries: Reference Service, Circulation Service, Library hours, Internet-based services.- Promotion of reading habits among children	15
IV	Initiatives for School Libraries <ul style="list-style-type: none">- Recommendations of Commissions and Committees on school library development- Guidelines of Educational Boards and National Bodies for School Libraries.- Role of School Librarian- Role of Professional Associations	15
Total Contact Hours		60
Suggested Evaluation Methods		
Internal Assessment: 30		End Term Examination: 70
•Class Participation	5	Written Examination
•Seminar/presentation/assignment/quiz/class test etc.	10	
•Mid-Term Exam	15	
Part C – Learning Resources		
Recommended Books/e-resources/LMS:		
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. <i>Nigeria School Library Journal</i> . 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. ELATUROTU (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. RANGANATHAN (S.R.). New Education and School Library. 2006. New Delhi, Ess Ess Publication.
 24. THANUSKODI (S). Challenges of academic library management in developing countries. 2013. Hershey PA, Information Science Reference.

Mapping Matrix of Course M24-LIS-304

Table 304.1: CLO-PLO Matrix

CLO	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
M24-LIS-304.1	3	3	2	3	2	2	3	3	3
M24-LIS-304.2	3	3	1	3	2	2	2	3	2
M24-LIS-304.3	3	3	3	3	2	2	2	3	2
M24-LIS-304.4	3	3	2	3	2	2	2	3	2
Average	3	3	2	2	2	2	2.25	3	2.25

Session: 2025 – 26			
Part A - Introduction			
Name of the Programme	Master of Library & Information Science		
Semester	3 rd Semester		
Name of the Course	Standards in the field of Library and Information Science		
Course Code	M24-LIS-305		
Course Type	DEC-I		
Level of the course	500-599		
Pre-requisite for the course (if any)			
Course Learning Outcomes(CLO): After completing this Course, the Learner will be able to:			
M24-LIS-305.1	Understand the basic concepts related to standards, and the process of standardization;		
M24-LIS-305.2	Know the activities of different national and international standardization institutions;		
M24-LIS-305.3	Understand the areas of standardization related to library infrastructure and different standards prepared on these areas; and		
M24-LIS-305.4	Understand the areas of standardization related to library and information activities and services and standards prepared on these areas.		
Credits	Theory	Practical	Total
	4	0	4
Teaching Hours per week	4	0	4
Internal Assessment Marks	30	0	30
End Term Exam Marks	70	0	70
Max. Marks	100	0	100
Examination Time	3 Hours		
Part B –Contents of the Course			
Instructions for Paper Setter: The Examiner will set 9 questions asking 2 Questions from each unit and one Compulsory Question by taking Course Learning Outcomes (CLOs) into consideration. The Compulsory Question (Question No. 1) will consist of four questions covering entire syllabus. The examinee will be required to attempt 5 Questions, selecting one question from each Unit and the compulsory question. All Questions will carry equal marks.			
Unit	Topics		Contact Hours
I	Standards: An Overview		15

	<ul style="list-style-type: none">- Standards: Definition, Types, Importance and Usefulness.- Specifications, Guidelines, and other related terms.- The process of Standardization at National and International level- ISO Certifications: Information and Documentation - Quality Assessment; Quality- Statistics and Performance Evaluation	
II	National & International Standards <ul style="list-style-type: none">- Activities of Standardization Institutions: ISO, BIS, ANSI, W3C, IFLA, LOC, ALA	15
III	Standards related to Library Infrastructure <ul style="list-style-type: none">- Standards for Library Infrastructure: Material, Building & Interiors, and Staff.	15
IV	Standards related to Library and Information activities and services <ul style="list-style-type: none">- Standards for various Library and Information Activities:- Knowledge Organization and Representation, Bibliographical Style- ICT related Standards	15
Total Contact Hours		60
Suggested Evaluation Methods		
Internal Assessment: 30		End Term Examination: 70
• Class Participation	5	Written Examination
• Seminar/presentation/assignment/quiz/class test etc.	10	
• Mid-Term Exam	15	
Part C – Learning Resources		
Suggested Readings (List of suggested readings to be provided by concerned faculty)		

Mapping Matrix of Course M24-LIS-305

Table 305.1: CLO-PLO Matrix

CLO	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
M24-LIS-305.1	3	3	3	3	3	2	2	3	1
M24-LIS-305.2	3	3	3	3	3	2	1	1	1
M24-LIS-305.3	3	3	3	3	3	3	2	2	1
M24-LIS-305.4	3	3	3	3	3	3	2	2	1
Average	3	3	3	3	3	2.5	1.75	2	1

Session: 2025 – 26			
Part A - Introduction			
Name of the Programme	Master of Library & Information Science		
Semester	3 rd Semester		
Name of the Course	Information Storage & Retrieval Practice		
Course Code	M24-LIS-306		
Course Type	PC-5		
Level of the course	500-599		
Pre-requisite for the course (if any)			
Course Learning Outcomes(CLO): After completing this Course, the Learner will be able to:			
M24-LIS-306.1	Assign/Derive subject entries using standard tools;		
M24-LIS-306.2	Formulate search strategy for conducting search; and		
M24-LIS-306.3	Design thesaurus.		
Credits	Theory	Practical	Total
	0	4	4
Teaching Hours per week	0	8	8
Internal Assessment Marks	0	30	30
End Term Exam Marks	0	70	70
Max. Marks	0	100	100
Examination Time		3 Hours	
Part B –Contents of the Course			
Instructions for Paper Setter: There will be five titles each from sears list of subject headings Chain Procedure and PRECIS. The examinees will be required to attempt all the titles.			
Unit	Topics		Contact Hours
I	Assigning/Deriving subject entries/headings using the following: 1. Sears List of Subject Headings 2. Chain Procedure 3. PRECIS		50
II	Search statement formulation for online databases (Use of Search techniques, parameters, search refinement, etc.		30
III	Thesaurus Construction.		40

Total Contact Hours		120
Suggested Evaluation Methods		
Internal Assessment: 30		End Term Examination: 70
•Class Participation	5	Practicum Examination
•Seminar/presentation/assignment/quiz/class test etc.	10	
•Mid-Term Exam	15	
Part C – Learning Resources		
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.		

Mapping Matrix of Course M24-LIS-306

Table 306.1: CLO-PLO Matrix

CLO	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
M24-LIS-306.1	2	2	3	3	3	2	1	2	3
M24-LIS-306.2	2	2	3	3	3	2	1	2	3
M24-LIS-306.3	2	2	3	3	3	2	1	2	3
Average	2	2	3	3	3	2	1	2	3

Session: 2025-26			
Part A – Introduction			
Name of the Programme	Master of Library & Information Science		
Semester	3 rd Semester		
Name of the Course	Library Administration and Management Practice		
Course Code	M24-LIS-307		
Course Type	PC-6		
Level of the course	500-599		
Pre-requisite for the course (if any)			
Course Learning Outcomes(CLO): After completing this Course, the Learner will be able to:			
M24-LIS-307.1	Understand how libraries function in real life		
M24-LIS-307.2	Able to manage in house correspondence of library		
M24-LIS-307.3	Able to correspond with agencies outside library		
M24-LIS-307.4	Use KOHA for basic library administrative functions		
Credits	Theory	Practical	Total
	0	4	4
Teaching Hours per week	0	8	8
Internal Assessment Marks	0	30	30
End Term Exam Marks	0	70	70
Max. Marks	0	100	100
Examination Time	0	3 Hours	
Part B-Contents of the Course			
Note for the Examiner: The Examination shall be divided into two parts-A&B: A. Evaluation of Tour Report and Presentation: 30 Marks (The Tour Reports will be evaluated by the Committee consisting of all the regular teachers of the Department.) B. The paper will consist of following two parts- 1) Internal and external correspondence, records maintenance, etc.: 30 2) Report generation using Koha: 10			
Practical			Contact Hours
Library Tour - <i>Library tours of any three libraries:</i> Tour Diaries to be maintained and shown during Report Presentation. - <i>Preparation and Submission of Tour Reports</i> - <i>Report Presentation</i> Library Office Correspondence - <i>Internal Correspondence:</i> Communication with Users, Library Staff and Library Administration/Higher Authorities, Preparation of Office			120

Memorandums and Office orders, Maintenance of Registers and Files etc. – External Correspondence: Purchase orders to Vendors, Subscription orders and other related correspondence, Subscription queries letters, Reminders to Vendors etc. Report Generation from KOHA		
Total Contact Hours		120
Suggested Evaluation Methods		
Internal Assessment: 30		End Term Examination: 70
• Class Participation:	5	Practicum Presentation
• Seminar/Demonstration/Viva-voce/Lab records etc.:	10	
• Mid-Term Exam:	15	
Part C – Learning Resources		
Recommended Books/e-resources/LMS:		
1. MITTAL (R L). Library Administration: Theory and Practice. 5 th ed. 1983. New Delhi, Metropolitan. 2. MOOKERJEE (Subodh Kumar) and SENGUPTA (Beneyendra). Library Organization and Library Administration. 1972. Calcutta, World Press. 3. PANWAR (B S) and VYAS (S D). Library Management. 1986. Delhi; R.R. Publishing Corporation. 4. RANGANATHAN (S R) Library Manual for Authorities, Librarians and Honorary Library Workers. 2nd ed. 1967. Bombay, Asia. 5. SINGH (M). Library and Information Management: Theory and Practice. 1983. Delhi, IBT. 6. SINGH (R S P). Fundamentals of Library Administration and Management. 1990. Delhi, Prabha. 7. STEUART (Robert) and EASTILICK (John T). Libraries Management. 2nd ed.1991. Colorado, Libraries Unlimited.		

Mapping Matrix of Course M24-LIS-307

Table 307.1: CLO-PLO Matrix

CLO	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
M24-LIS-307.1	3	3	3	2	2	3	1	2	3
M24-LIS-307.2	3	3	3	2	3	3	1	2	3
M24-LIS-307.3	3	3	3	2	3	3	1	2	3
M24-LIS-307.4	3	3	3	2	3	3	1	2	3
Average	3	3	3	2	2.75	3	1	2	3

Session: 2024 – 25			
Part A - Introduction			
Name of the Programme	Bachelor of Library & Information Science		
Semester	3 rd Semester		
Name of the Course	Introduction to Library and Information Services		
Course Code	M24-OEC-330		
Course Type	OEC		
Level of the course	500-599		
Pre-requisite for the course (if any)			
Course Learning Outcomes(CLO): After completing this Course, the Learner will be able to:			
M24-OEC-330.1	Understand the functioning of Libraries.		
M24-OEC-330.2	Use different types of Information Sources and services.		
Credits	Theory	Practical	Total
	2	0	2
Teaching Hours per week	2	0	2
Internal Assessment Marks	15	0	15
End Term Exam Marks	35	0	35
Max. Marks	50	0	50
Examination Time	3 Hours		
Part B –Contents of the Course			
Instructions for Paper Setter: The Examiner will set 9 questions asking 2 Questions from each unit and one Compulsory Question by taking Course Learning Outcomes (CLOs) into consideration. The Compulsory Question (Question No. 1) will consist of four questions covering entire syllabus. The examinee will be required to attempt 5 Questions, selecting one question from each Unit and the compulsory question. All Questions will carry equal marks.			
Unit	Topics		Contact Hours
I	Introduction to Library and other Institutions <ul style="list-style-type: none">- Memory Institutions and their roles: Libraries, Archives, Museums- Types of Libraries: Public, Academic, and Special.- Digital Library.		8
II	Information Organisation and Retrieval Systems in Library <ul style="list-style-type: none">- Introduction to the working of a University Library.- Library catalogue and Classification. Brief introduction to CC and DDC.		7

	<ul style="list-style-type: none">- Call Number- Class Number, Book Number, Collection Number- OPAC and its features, Union Catalogue	
III	Information Sources <ul style="list-style-type: none">- Introduction to Periodicals, Books. Encyclopedias, Dictionaries, Gazetteers, Yearbooks, Directories, Bibliographies.- E-Resources: e-Book, e-Journal, e-Thesis. Database: Full-text, Bibliographic.	8
IV	Library and information services <ul style="list-style-type: none">- Library and Information Services: Reference Service- face to face and Digital, Database Search, Inter Library Loan and Document Delivery Service- Institutional Repository, Library Portal, Subject Gateway, Information Literacy Instructions, etc.	7
Total Contact Hours		30
Suggested Evaluation Methods		
Internal Assessment: 15		End Term Examination: 35
• Class Participation	4	Written Examination
• Seminar/presentation/assignment/quiz/class test etc.	4	
• Mid-Term Exam	7	
Part C – Learning Resources		
Recommended Books/e-resources/LMS:		
(Updated List of recommended books/documents will be provided by the concerned Teacher)		

Mapping Matrix of Course M24-OEC-330

Table 330.1: CLO-PLO Matrix

CLO	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
M24-OEC-330.1	3	3	3	2	3	2	2	3	1
M24-OEC-330.2	3	3	3	2	3	2	1	1	1
Average	3	3	3	2	3	2	1.5	2	1

Session: 2025 – 26			
Part A - Introduction			
Name of the Programme	Master of Library & Information Science		
Semester	4 th Semester		
Name of the Course	Research Methods		
Course Code	M24-LIS-401		
Course Type	CC-9		
Level of the course	400-409		
Pre-requisite for the course (if any)			
Course Learning Outcomes(CLO): After completing this Course, the Learner will be able to:			
M24-LIS-401.1	Understand the basic concept of research and be familiar with its different types and the process of research;		
M24-LIS-401.2	Know the different aspects of research process such as research design, hypothesis and methods of conducting research;		
M24-LIS-401.3	Understand different data collection techniques and reference management tools. Understand research report & its evaluation and trends in LIS research; and		
M24-LIS-401.4	Know basic statistics such as measures of central tendency, standard deviation, correlation & regression together with basic data presentation formats.		
Credits	Theory	Practical	Total
	4	0	4
Teaching Hours per week	4	0	4
Internal Assessment Marks	30	0	30
End Term Exam Marks	70	0	70
Max. Marks	100	0	100
Examination Time	3 Hours		
Part B –Contents of the Course			
Instructions for Paper Setter: The Examiner will set 9 questions asking 2 Questions from each unit and one Compulsory Question by taking Course Learning Outcomes (CLOs) into consideration. The Compulsory Question (Question No. 1) will consist of four questions covering entire syllabus. The examinee will be required to attempt 5 Questions, selecting one question from each Unit and the compulsory question. All Questions will carry equal marks.			

Unit	Topics	Contact Hours
I	Concept of Research <ul style="list-style-type: none">– Research - Concept, Characteristics, Scope.– Types of Research – Basic and Applied, Interdisciplinary and Multidisciplinary.– Research Proposal– Research Process. Spiral of Scientific Method.– Sampling Techniques– Research Ethics	15
II	Research Tools and Techniques <ul style="list-style-type: none">– Research Methods: Historical, Descriptive, Experimental and Delphi.– Bibliometrics and its Laws– Research Design– Hypothesis: Concept and Types	15
III	Research Report Writing <ul style="list-style-type: none">– Data Collection Techniques: Qualitative and Quantitative. Questionnaire, Interview, Observation, Library Records.– Citation and Reference Management Tools.– Research Report and its Evaluation.– Trends in Library and Information Science Research	15
IV	Statistical Technique <ul style="list-style-type: none">– Statistics: Data and Variables.– Measure of Central Value – Mean, Mode, Median and SD– Correlation, Regression and Cross Tabulation.– Graphical presentation of data: Bar, Pie, Line graphs, Histograms	15
Total Contact Hours		60
Suggested Evaluation Methods		
Internal Assessment: 30		End Term Examination: 70
Theory	30	Theory70
• Class Participation	5	Written Examination
• Seminar/presentation/assignment/quiz/class test etc.	10	
• Mid-Term Exam	15	
Part C – Learning Resources		
Recommended Readings		
1. Busha, C H. and Harter, S P (1980). Research methods in librarianship. New York: Academic Fowler, F J Jr (1993). Survey research methods. New Delhi: Sage		

2. Glazer, J D and Powell, R R (1992). Qualitative research in information management. Englewood: Libraries Unlimited
3. Goode, W J. and Hatt, P K (1981). Methods in social science research. Auckland: McGraw Hill
4. Kin, Robert K (1989). Case study research: Design and methods. New Delhi: Sage Publications
5. Kraft, D H and Royce, B R (1991). Operations research for libraries and Information Agencies. San Diego: Academic Press
6. Krishnaswamy, O R (1993). Methodology for research in social sciences. Delhi: Himalayan Publishing House
7. Lancaster, F W (1993). If you want to evaluate your library. London: LA
8. Line, M B (1967). Library surveys. London: Clive-Bingley
9. Savanur, S K (2008). Research methodology for information sciences. Pune: Universal Prakashan
10. Simpson, I S (1990). How to interpret statistical data. London: LA
10. Alasuutari, P., Bickman, L. & Brannen, J. (Eds.) (2008). The SAGE Handbook of Social Research Methods. London: Sage Publication.
11. Atkinson, P & Delamont, S. (Ed.) (2011) Sage Qualitative Research Methods. (Vols. 1-4). New Delhi: Sage Publication.
12. Bedi, S., & Webb, J. (Eds.). (2020). Visual Research Methods: An Introduction for Library and Information Studies. Facet Publishing.
13. Berger, A. A. (2018). Media and communication research methods: An introduction to qualitative and quantitative approaches. Sage Publications.
14. Burton, D. & Bartlett, S. (2009). Key Issues for Education Researchers. California: Sage Publication
15. Connaway, L. S., & Radford, M. L. (2016). Research methods in library and information science. ABC-CLIO.
16. Cooper, H. M. (2006). Synthesizing research: A guide for literature reviews. Thousand Oaks, Calif: Sage.
17. Creswell, J. W. (2014). Research design: Qualitative, quantitative, and mixed methods approach. (4th ed.). California: Sage Publication
18. Fetterman, D. M. (2010). Ethnography: step-by-step (3rd Ed). (Applied social research methods series; v. 17). California: Sage Publication
19. Goon, A M. (2000). Fundamental of Statistics. Calcutta: World Press.
20. Julie McLeod, J. & Thomson, R. (2009). Researching Social Change: Qualitative Approaches. London: Sage Publication.
21. Leo, E. and Rousseau, R. (2001). Elementary Statistics for Effective Library and Information Service Management. London: Aslib.
22. Oliver, P. (2010). Understanding the Research Process. New Delhi: Sage Publication.
23. Powell, R. R. & Connaway, L. S. (2010). Basic Research methods for Librarians. 5th ed. Westport: Libraries Unlimited.
24. Powell, R. R., & Connaway, L. S. (2010). Basic research methods for librarians. Santa Barbara California: Libraries Unlimited
25. Wildemuth, B. M. (Ed.). (2016). Applications of social research methods to questions in information and library science. ABC-CLIO.

Mapping Matrix of Course M24-LIS-401

Table 401.1: CLO-PLO Matrix

CLO	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
M24-LIS-401.1	3	3	3	2	2	3	1	2	3
M24-LIS-401.2	3	3	3	2	3	3	1	2	3
M24-LIS-401.3	3	3	3	2	3	3	1	2	3
M24-LIS-401.4	3	3	3	2	3	3	1	2	3
Average	3	3	3	2	2.75	3	1	2	3

Session: 2025 – 26			
Part A - Introduction			
Name of the Programme	Master of Library & Information Science		
Semester	4 th Semester		
Name of the Course	Information Communication and Society		
Course Code	M24-LIS-402		
Course Type	CC-10		
Level of the course	500-599		
Pre-requisite for the course (if any)			
Course Learning Outcomes(CLO): After completing this Course, the Learner will be able to:			
M24-LIS-402.1	Develop in-depth understanding of Types, Scope and Nature of Data, Information, and Knowledge		
M24-LIS-402.2	Know the Fundamentals of Information Communication		
M24-LIS-402.3	Learn about Information Society and the role of Libraries		
M24-LIS-402.4	Get an overview of Legal and Ethical issues of Information		
Credits	Theory	Practical	Total
	4	0	4
Teaching Hours per week	4	0	4
Internal Assessment Marks	30	0	30
End Term Exam Marks	70	0	70
Max. Marks	100	0	100
Examination Time	3 Hours		
Part B –Contents of the Course			
Instructions for Paper Setter: The Examiner will set 9 questions asking 2 Questions from each unit and one Compulsory Question by taking Course Learning Outcomes (CLOs) into consideration. The Compulsory Question (Question No. 1) will consist of four questions covering entire syllabus. The examinee will be required to attempt 5 Questions, selecting one question from each Unit and the compulsory question. All Questions will carry equal marks.			
Unit	Topics		Contact Hours
I	Data, Information and Knowledge - Data: Definition, Types, Nature, Properties and Scope - Information: Definition, Types, Nature, Properties and Scope		15

	<ul style="list-style-type: none">- Knowledge: Definition, Types, Nature, Properties and Scope- Information as a Resource, Economic Commodity, and Public Good.- Production, Distribution and Consumption of Information and Knowledge	
II	The Information Communication <ul style="list-style-type: none">- Communication: Concept, Genesis, importance and purpose- Elements of communication: Sender, receiver, message, channel, noise, feedback, context- Types of Communication: Verbal and Non-Verbal; Formal and Informal- Models of Communication: Linear, Interactive, Transactional.- Types of barriers in Information Communication	15
III	Information Society and Role of Libraries <ul style="list-style-type: none">- Information Society: Genesis, Characteristics and Implications- Challenges and opportunities for the information society- Digital Divide: Social and Economic Consequences; Policy Initiatives for Bridging the Divide- Role of Libraries and Information Centers in Modern Society- Information Science: Origin and Development, Scope and Coverage	15
IV	Information Laws/Acts and Policies: An overview <ul style="list-style-type: none">- The role of law and policy in shaping the information environment.- Freedom of Expression- Intellectual Freedom: Right to Read and Write; Banning of Books- Plagiarism: Meaning, Definition Types and its consequences- Information Ethics: Principles of Information Ethics- National Policy on Library and Information Science	15
Total Contact Hours		60
Suggested Evaluation Methods		
Internal Assessment: 30		End Term Examination: 70
• Class Participation	5	Written Examination
• Seminar/presentation/assignment/quiz/class test etc.	10	
• Mid-Term Exam	15	
Part C – Learning Resources		
Recommended Books		
1. ANDAL(N). Communication theories and models. 2005. Himalaya Publishing House, Mumbai.		
2. BELL(Daniel) (1974). The Information Society: The Social Framework of the Information Society.1974.		
3. BUCKLAND (Michael). Information and the Public Interest.2017.MIT Press; Cambridge		

4. DAVID (Bawden) and LYN (Robinson). 2012. Introduction to Information Science. Facet Publishing, London.
5. DENIS (McQuail) and SVEN (Windahl). Communication models for the study of mass communications.1981. Longman, London.
6. FEATHER(John). The Information Society: A Study of Continuity and Change.2013. 6th.ed. Facet; London.
7. JOHN Feather. The information society: a study of continuity and change. 5th ed. 2008. Facet Publishing, London
8. JOONI (Deepak). Communication in The Information Society.2017. Sage, London.
9. KHAN(MTM). Information organization and communication. 1998.New Delhi, EssEss Publishing.
10. LOSSE (R M). The Science of Information. 1990. Academic Press, San Diego.
11. MACHLUP(Fritz). (1983). The Economics of Information and Human Capital. 1983. Princeton University Press, Princeton.
12. MCGARRY (K J). Changing context of information: an introductory analysis. 2nd ed.1993. Library Association, London.
13. MCGARRY (K J). Communication, knowledge and Librarian. 1975. Clive Bingley, London.
14. MEADOWS (A J). Ed. Knowledge and communication: essays on the information chain. 1991. Library, Association, London.
15. MENON (S). Protection of Intellectual property in cyber space. 2003. Authorspress, New Delhi.
16. MUKHERJEE (Bhaskar). Information, Communication and Society. 2012.Ess Ess, Agra.
17. NORTON (Melanie J). Introductory concepts in Information Science. 2008. Information Today, New Jersey.
18. PARASHAR (RG). Information and its communication. 1991. Medallion Press, New Delhi.
19. PRESTON(Paschal). Reshaping communications. Technology, Information and Social change. 2001. Sage Publications, New Delhi.
20. SECKER (J). Copyright and e-learning: A guide to Practitioners. 2010.Facet Publishing, London.
21. VICKERY (Brian C.) and VICKERY(Alina). Information Science in theory and practice. 3 rd ed. 2004. Munchen, K. G. Saur.
22. <https://egyankosh.ac.in/>
23. <https://epgpathshala.ac.in/>

Mapping Matrix of Course M24-LIS-402

Table 402.1: CLO-PLO Matrix

CLO	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
M24-LIS-402.1	3	2	3	3	3	3	2	2	2
M24-LIS-402.2	3	2	3	3	3	3	2	2	2
M24-LIS-402.3	3	2	3	23	3	3	2	3	3
M24-LIS-402.4	3	3	3	2	3	3	3	3	3
Average	3	2.25	3	2.75	3	3	2.25	2.5	2.5

Session: 2025 – 26			
Part A - Introduction			
Name of the Programme	Master of Library & Information Science		
Semester	4 th Semester		
Name of the Course	Bibliometrics and Scientometrics		
Course Code	M24-LIS-403		
Course Type	DEC-2		
Level of the course	500-599		
Pre-requisite for the course (if any)			
Course Learning Outcomes(CLO): After completing this Course, the Learner will be able to:			
M24-LIS-403.1	Understand bibliometrics and other related concepts		
M24-LIS-403.2	Know different bibliometric laws		
M24-LIS-403.3	Understand different literature growth models and citation analysis		
M24-LIS-403.4	Know various science and research metrics and their application		
Credits	Theory	Practical	Total
	4	0	4
Teaching Hours per week	4	0	4
Internal Assessment Marks	30	0	30
End Term Exam Marks	70	0	70
Max. Marks	100	0	100
Examination Time	3 Hours		
Part B –Contents of the Course			
Instructions for Paper Setter: The Examiner will set 9 questions asking 2 Questions from each unit and one Compulsory Question by taking Course Learning Outcomes (CLOs) into consideration. The Compulsory Question (Question No. 1) will consist of four questions covering entire syllabus. The examinee will be required to attempt 5 Questions, selecting one question from each Unit and the compulsory question. All Questions will carry equal marks.			
Unit	Topics		Contact Hours
I	Bibliometrics: genesis, scope and definition; Librametry, Informetrics, Scientometrics& Webometrics, Altmetrics.		15

II	Classical Bibliometric Laws: Bradford’s Law of Scattering, Zip’s law, Lotka’s law; Generalized Bibliometric distributions. Fitting of Informetrics models. Bradford’s Curve, Leimukuhler’s Distribution, etc. Aspects of concentration measures; 80-20 rule, Price’s Law relating to scientific productivity; Analysis of use statistics.	15
III	Growth and Obsolescence of literature: Various growth models; Aging factor and half life. Citation analysis: Bibliographic Coupling and Co-citation Analysis	15
IV	Science indicators: Impact factor, CiteScore, h-index, g-index,i-10 index; Mapping of Science	15
Total Contact Hours		60
Suggested Evaluation Methods		
Internal Assessment: 30		End Term Examination: 70
• Class Participation	5	Written Examination
• Seminar/presentation/assignment/quiz/class test etc.	10	
• Mid-Term Exam	15	
Part C – Learning Resources		
Recommended Readings		

Mapping Matrix of Course M24-LIS-403

Table 403.1: CLO-PLO Matrix

CLO	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
M24-LIS-403.1	3	2	3	2	3	2	1	2	2
M24-LIS-403.2	3	3	3	2	3	3	1	2	2
M24-LIS-403.3	3	3	3	2	3	3	1	2	2
M24-LIS-403.4	3	3	3	2	3	3	1	2	3
Average	3	2.75	3	2	3	2.75	1	2	2.25

Session: 2025 – 26			
Part A - Introduction			
Name of the Programme	Master of Library & Information Science		
Semester	4 th Semester		
Name of the Course	Social Science Information System		
Course Code	M24-LIS-404		
Course Type	DEC-2		
Level of the course	500-599		
Pre-requisite for the course (if any)			
Course Learning Outcomes (CLO): After completing this Course, the Learner will be able to:			
M24-LIS-404.1	Understand the structure and development of different disciplines of Social Sciences;		
M24-LIS-404.2	Critically analyse the various information sources in Social Sciences;		
M24-LIS-404.3	Assess the functions of social science information institutions; and		
M24-LIS-404.4	Evaluate the information systems and networks in Social Sciences.		
Credits	Theory	Practical	Total
	4	0	4
Teaching Hours per week	4	0	4
Internal Assessment Marks	30	0	30
End Term Exam Marks	70	0	70
Max. Marks	100	0	100
Examination Time	3 Hours		
Part B –Contents of the Course			
Instructions for Paper Setter: The Examiner will set 9 questions asking 2 Questions from each unit and one Compulsory Question by taking Course Learning Outcomes (CLOs) into consideration. The Compulsory Question (Question No. 1) will consist of four questions covering entire syllabus. The examinee will be required to attempt 5 Questions, selecting one question from each Unit and the compulsory question. All Questions will carry equal marks.			
Unit	Topics		Contact Hours
I	Structure and Development of Social Sciences: – Growth and Development of Social Sciences. – Definition, Scope, Landmarks and Research Trends in the		15

	Disciplines of: Political Science, Economics, History, Sociology and Psychology. – Study the contributions of Eminent Social Scientists.	
II	Social Sciences Information Sources – Social Science (print) Literature- Format, Popular and Scholarly Literature, Derived and Bibliographical Literature. – Web based Information Sources: E-journals, Databases- Bibliographic and Full-text Subject Gateways, Institutional Repositories, Digital Libraries. – Evaluation of: International Encyclopaedia of Social and Behavioural Sciences, International Bibliography of the Social Sciences, EconLit, PsycINFO, Indian Citation Index, ProQuest, Web of Science, Scopus, JSTOR	15
III	Social Sciences Information Institutions – Institution connected with Social Science Information Generation to Dissemination. – Study of the activities of: ICSSR, ICWA, National Council for Applied Economic Research, TISS, ICHR, United Nations- ECOSOC, UNESCO.	15
IV	Documentation Centres and Networks – Planning of Social Science Research Libraries. – Study of existing Documentation Centres, Information Systems and Networks in Social Sciences at National and International level – INFLIBNET, DELNET, DEVSIS, NASSDOC, SENDOC, DEVINSA, APINESS, Social Science Research Network (SSRN).	15
Total Contact Hours		60
Suggested Evaluation Methods		
Internal Assessment: 30		End Term Examination: 70
• Class Participation	5	Written Examination
• Seminar/presentation/assignment/quiz/class test etc.	10	
• Mid-Term Exam	15	
Part C – Learning Resources		
Recommended Readings (List of suggested readings to be provided by concerned faculty)		

Mapping Matrix of Course M24-LIS-404

Table 404.1: CLO-PLO Matrix

CLO	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
M24-LIS-404.1	3	3	1	1	2	2	1	2	1
M24-LIS-404.2	3	3	3	2	3	3	1	2	2
M24-LIS-404.3	3	3	3	2	3	3	1	2	2
M24-LIS-404.4	3	3	3	2	3	2	1	2	2
Average	3	3	2.5	1.75	2.75	2.5	1	2	1.75

Session: 2025 – 26			
Part A - Introduction			
Name of the Programme	Master of Library & Information Science		
Semester	4 th Semester		
Name of the Course	Marketing of Information Products and Services		
Course Code	M24-LIS-405		
Course Type	DEC-2		
Level of the course	500-599		
Pre-requisite for the course (if any)			
Course Learning Outcomes(CLO): After completing this Course, the Learner will be able to:			
M24-LIS-405.1	Acquaint with managing and marketing of information products and services;		
M24-LIS-405.2	Understand the marketing strategies and techniques;		
M24-LIS-405.3	Acquaint with different aspects of marketing of information products and services; and		
M24-LIS-405.4	Understand the marketing strategies adopted by important libraries in India.		
Credits	Theory	Practical	Total
	4	0	4
Teaching Hours per week	4	0	4
Internal Assessment Marks	30	0	30
End Term Exam Marks	70	0	70
Max. Marks	100	0	100
Examination Time	3 Hours		
Part B –Contents of the Course			
Instructions for Paper Setter: The Examiner will set 9 questions asking 2 Questions from each unit and one Compulsory Question by taking Course Learning Outcomes (CLOs) into consideration. The Compulsory Question (Question No. 1) will consist of four questions covering entire syllabus. The examinee will be required to attempt 5 Questions, selecting one question from each Unit and the compulsory question. All Questions will carry equal marks.			
Unit	Topics		Contact Hours
I	Fundamental Concepts of Marketing - Needs, Objectives and Philosophy - Marketing Environment: Producer, Consumer – Buyer Behaviour		15

	<ul style="list-style-type: none">- Market Segmentation and Product Differentiation- Service Marketing Mix	
II	Strategies and Techniques <ul style="list-style-type: none">- Strategic Planning- Marketing Research- Marketing Process- Evaluation of Marketing Efforts	15
III	Promotion of LIS Products and Services <ul style="list-style-type: none">- LIS Products and Services as a Marketable Commodity- Pricing, Distribution Channels and Communication Strategies- Information Product Design & Development- Public Relations- E-Marketing	15
IV	Best Practices in Library Marketing (IFLA International Marketing Award & Others)	15
Total Contact Hours		60
Suggested Evaluation Methods		
Internal Assessment: 30		End Term Examination: 70
• Class Participation	5	Written Examination
• Seminar/presentation/assignment/quiz/class test etc.	10	
• Mid-Term Exam	15	
Part C – Learning Resources		
Recommended Books		
1. BAKEWELL (K G). Managing user-centred libraries and information services. Ed. 2. 1997. Maxwell, London.		
2. BUTCHER (Helen). Meeting manager’s information needs. 1998. ASLIB, London.		
3. CRONIN(B). (1981). Marketing of Library and Information Services. 1981. ASLIB, London.		
4. CARPENTER (J) and DAVIES (R). Quantification of the overseas consulting market for professional consultancy services in librarianship and information science and information management. 1992. Research and Development, British Library, London.		
5. COOTE (Helen) and BATCHELOR (Bridget). How to market your library services effectively. Ed. 2. 1997. Aslib, London.		
6. EILEEN(EDS). Marketing concepts for Libraries and Information Services. 2002. 2nd Ed. Facet Publishing, London.		
7. GUPTA (D K), et al. Marketing library and information services: international perspectives. 2006. K.G. Saur, Munich.		
8. HELINSKY (Z). A short-cut to marketing the library. 2008. Chandos Publishing, Oxford.		
9. JAIN (Abhinandan K), et al. Marketing information products and services: a primer for libraries and information professionals. 1999. Tata McGraw-Hill, New		

Delhi.

10. KOTLER (Philip). Marketing Management. Ed.12. 2002. Prentice Hall, Delhi.

11. KOTLER (Philip) and ARMSTRONG (Gary). Principle of marketing. Ed. 7. 1996. Prentice- Hall of India, New Delhi.

12. ROWLEY (Jenifer). Information Marketing. 2001. Ashgate, London.

13. <https://egyankosh.ac.in/>

14. <https://epgpathshala.ac.in/>

Mapping Matrix of Course M24-LIS-405

Table 405.1: CLO-PLO Matrix

CLO	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
M24-LIS-405.1	3	3	2	2	3	3	2	2	3
M24-LIS-405.2	3	3	3	3	3	3	2	3	2
M24-LIS-405.3	3	3	3	3	3	2	2	2	3
M24-LIS-405.4	3	3	2	2	2	2	2	2	3
Average	3	3	2.5	2.5	2.75	2.5	2	2.25	2.75

Part A - Introduction			
Name of the Programme	Master of Library & Information Science		
Semester	4 th Semester		
Name of the Course	Content Creation & Design Practice		
Course Code	M24-LIS-406		
Course Type	PC-7		
Level of the course	500-599		
Pre-requisite for the course (if any)			
Course Learning Outcomes(CLO): After completing this Course, the Learner will be able to:			
M24-LIS-406.1	Create content for Websites, blogs, and video-sharing sites.		
M24-LIS-406.2	Create content for Web 2.0 platforms, including Academic Social Networking Sites.		
M24-LIS-406.3	Design and development of websites, blogs, videos, and infographics.		
M24-LIS-406.4	Edit multimedia content using image editors, video editors, and text editors.		
Credits	Theory	Practical	Total
	0	4	4
Teaching Hours per week	0	8	8
Internal Assessment Marks	0	30	30
End Term Exam Marks	0	70	70
Max. Marks	0	100	100
Examination Time		3 Hours	
Part B –Contents of the Course			
Instructions for Paper Setter: The paper is divided into two parts (Part-A & Part B). It provides practical skills for creating and applying web platform content and development tools. The internal examiner shall apprise the external examiner about the specific content creation and development tools used in the classes and provide the course syllabus.			
Unit	Topics		Contact Hours
	Part-A (35 Marks)		
I	Content Creation for Web Platforms - Creation of content for Websites and Blogs		30

	- Creation of content for Video Sharing Platforms	
II	Content Creation for Web 2.0 Platforms - Creation of content for Web 2.0 Tools, including Academic Social Networking Sites - Creation of content for Webinars and Web Tutorials Creation of content for Podcasts and Infographics	30
	Part-B (35 Marks)	
III	Web Design and Development Tools - Designing Websites using various Content Management Systems - Designing Blogs using various Blogging Tools - Design and Development of Video Content (Tutorial) for Video Sharing Sites - Design and Development of Infographics	30
IV	Content Editing Tools – Multimedia Content creation and editing using Video Editors – Image Creation and Editing using Image Editors – Text Editing using Text Editors	30
Total Contact Hours		120
Suggested Evaluation Methods		
Internal Assessment: 30		End Term Examination: 70
• Class Participation	5	Practicum Examination
• Seminar/presentation/assignment/quiz/class test etc.	10	
• Mid-Term Exam	15	
Part C – Learning Resources		
Recommended Books: The concerned faculty member will provide a list of books.		

Mapping Matrix of Course M24-LIS-406

Table 406.1: CLO-PLO Matrix

CLO	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
M24-LIS-406.1	2	2	3	3	3	2	1	2	3
M24-LIS-406.2	2	2	3	3	3	2	1	2	3
M24-LIS-406.3	2	2	3	2	3	2	1	2	3
M24-LIS-406.4	2	2	3	2	3	2	1	2	3
Average	2	2	3	2.5	3	2	1	2	3

Session: 2025 – 26			
Part A - Introduction			
Name of the Programme	Master of Library & Information Science		
Semester	4 th Semester		
Name of the Course	Research Tools Practice		
Course Code	M24-LIS-407		
Course Type	PC-8		
Level of the course	500-599		
Pre-requisite for the course (if any)			
Course Learning Outcomes(CLO): After completing this Course, the Learner will be able to:			
M24-LIS-407.1	Prepare questionnaires using different types of questions and their presentation in different formats;		
M24-LIS-407.2	Use standard data analysis platforms and present data in different forms;		
M24-LIS-407.3	Prepare write-ups using editing tools; and		
M24-LIS-407.4	Use reference management and plagiarism detection tools.		
Credits	Theory	Practical	Total
	0	4	4
Teaching Hours per week	0	8	8
Internal Assessment Marks	0	30	30
End Term Exam Marks	0	70	70
Max. Marks	0	100	100
Examination Time		3 Hours	
Part B –Contents of the Course			
Instructions for Paper Setter: The paper is divided into two parts-A & B. The internal examiner shall apprise the external examiner about specific tools used during teaching.			
Unit	Topics		Contact Hours
	Part-A		
I	Introduction to Research Tools – Web-based Questionnaires/Checklists-Google Forms/Survey Monkey		40

II	Data Collection & Analysis Tools <ul style="list-style-type: none">– Data Analysis Tools-SPSS/R– Data Presentation Tools-VOS Viewer	30
	Part-B	
III	Writing and Editing Tools <ul style="list-style-type: none">– Writing and Paraphrasing Tools-Grammarly– Artificial Intelligence Tools	20
IV	Web-based Citation & Plagiarism Detection Tools <ul style="list-style-type: none">– Reference Management Tools-Zotero/Mendley– Plagiarism Detection Tools-Turnitin/Drillbit– Artificial Intelligence Tools	30
Total Contact Hours		120
Suggested Evaluation Methods		
Internal Assessment: 30		End Term Examination: 70
• Class Participation	5	Practicum Examination
• Seminar/presentation/assignment/quiz/class test etc.	10	
• Mid-Term Exam	15	
Part C – Learning Resources		
Recommended Books: The concerned faculty member will provide a list of books.		

Mapping Matrix of Course M24-LIS-407

Table 407.1: CLO-PLO Matrix

CLO	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
M24-LIS-407.1	2	2	3	3	3	3	1	3	3
M24-LIS-407.2	2	2	3	3	3	3	1	3	3
M24-LIS-407.3	2	2	3	3	3	2	1	3	3
M24-LIS-407.4	2	2	3	3	3	3	3	3	3
Average	2	2	3	3	3	2.75	1.5	3	3

Table-4: PLO MAPPING

Course Code	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
M24-LIS-101	3	3	3	2.75	3	2.5	2	2	2
M24- LIS-102	3	3	3	2	3	2.5	2.5	2.75	2.75
M24- LIS-103	3	2.25	3	2.75	3	3	2.5	2.75	2.75
M24-LIS-104	3	3	3	2.75	3	2.5	2	2	2
M24-LIS-105	2.25	2.25	3	1.75	3	1.5	1	2	3
M24-LIS-201	3	2.25	3	2.75	3	3	2.25	3	2.5
M24-LIS-202	3	2.25	3	2.75	3	3	2.5	2.75	2.75
M24-LIS-203	2.75	2.25	3	1.75	3	2	1	2	3
M24-LIS-204	3	3	3	2.75	3	3	2.75	3	3
M24-LIS-205	3	3	3	3	3	3	2.25	3	3
M24-CHM-201	3	2.25	3	2.75	3	3	2.5	2.75	2.75
M24-LIS-301	2.75	2.25	3	2.5	3	2	1.75	2.25	3
M24-LIS-302	3	2.25	3	2.75	3	3	2.25	2.5	2.5
M24-LIS-303	3	2.5	2.25	2	2	2.25	1.25	1.25	1.75
M24-LIS-304	3	3	2	2	2	2	2.25	3	2.25
M24-LIS-305	3	3	3	3	3	2.5	1.75	2	1
M24-LIS-306	2	2	3	3	3	2	1	2	3
M24-LIS-307	3	3	3	2	2.75	3	1	2	3
M24-OEC-330	3	3	3	2	3	2	1.75	2	1
M24-LIS-401	3	3	3	2	2.75	3	1	2	3
M24-LIS-402	3	2.25	3	2.75	3	3	2.25	2.5	2.5
M24-LIS-403	3	3	2.5	1.75	2.75	2.5	1	2	1.75
M24-LIS-404	3	3	3	3	3	3	2.25	2.5	2.5
M24-LIS-405	3	3	2.5	2.5	2.75	2.5	2	2.25	2.75
M24-LIS-406	2	2	3	2.5	3	2	1	2	3
M24-LIS-407	2	2	3	3	3	2.75	1.5	3	3

CLO-PLO MAPPING

Attainment of CLOs:

The attainment of COs will be measured on the basis of the results of Internal Assessment and end Semester Examination. The attainment is measured on scale of 3 as per the target for CLOs attainment.

Following table shows the CLO attainment levels at the set target of 60%.

Table-5: CLO Attainment Levels for Internal Assessment

Attainment Level	Description
1 (low level of attainment)	60% of students score more than 60% or higher grade in Class Tests/Assignments of M.Lib.I.Sc. course.
2 (Medium level of attainment)	70% of students score more than 60% or higher grade in Class Tests/Assignments of M.Lib.I.Sc. course.
3 (High level of attainment)	80% of students score more than 60% or higher grade in Class Tests/Assignments of M.Lib.I.Sc. course.

The questions in tests/assignments for Internal Assessment will be based on CLOs. Class Test-I/Assignment-I will be based on first two CLOs (**e.g. M24-LIS-101.1 and M24-LIS-101.2 in case of Foundations of Library and Information Science**) with equal weightage given to both CLOs. Similarly, Class Test-II/Assignment-II will be based on next two CLOs (**e.g. M24-LIS - 101.3 and M24-LIS-101.4 in case of Foundations of Library and Information Science**) with equal weightage given to these two CLOs. For each Internal Assessment Test/Assignment, the percentage of students attaining the target level of CLO will be estimated and averaged percentage will decide the attainment level of CLOs. Following steps will be taken for determining the attainment level in Internal Assessment of **M.Lib.I.Sc.** course:

- The %age of students scoring set target i.e. 60% marks or more in the question(s) of Test-I/Assignment-I will be estimated based on first CLO e.g. **M24-LIS-101.1.**
- The %age of students scoring set target i.e. 60% marks or more in the question(s) of Test-I/Assignment-I will be estimated based on second CLO e.g. **M24-LIS-101.2.**
- The %age of students scoring set target i.e. 60% marks or more in the question(s) of Test-II/Assignment-II will be estimated based on third CLO e.g. **M24-LIS-101.3.**
- The %age of students scoring set target i.e. 60% marks or more in the question(s) of Test-II/Assignment-II will be estimated based on fourth CLO e.g. **M24-LIS-101.4.**
- The average of the percentages obtained above will be calculated.
- The attainment level i.e. 3, 2 or 1 will be determined as per scale defined in **the above table.**

For determination of attainment levels for End Semester Examination, it is considered that the questions in the End Term Examination will be based on all CLOs of MLIS courses. Attainment levels for End Semester Examination of MLIS will be determined after the declaration of the results. The CLO attainment levels for End Semester Examination are given **in the following Table-6:**

Table-6: CLO Attainment Levels for End Semester Examination (ESE)

Attainment Level	Description
1 (Low level of attainment)	60% of students obtained letter grade of B+ or above.
2 (Medium level of attainment)	70% of students obtained letter grade of B+ or above.
3 (High level of attainment)	80% of students obtained letter grade of B+ or above.

Overall CLO Attainment level of M.Lib.I.Sc. course:

The overall CLO attainment level of the course will be obtained as:

Overall CLO attainment level = 50% of CLO attainment level in Internal Assessment + 50% of CLO attainment level in End Semester Examination.

The overall CLOs attainment level will be obtained for all the courses of the programme in a similar manner.

Attainment of PLOs:

The overall attainment level of PLOs will be based on the values obtained using direct and indirect methods in the ratio of 80:20. The direct attainment of PLOs is obtained through the attainment of CLOs. The overall CLO attainment value as estimated above and CLO-PLO mapping value as shown in **Table 7** will be used to compute the attainment of PLOs. PLO attainment values obtained using direct method will be written as shown **in the following Table-10:**

Table-7: PLO Attainment Values using Direct Method

CLO	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
M24-LIS-101									
M24-LIS-102									
M24-LIS-103									
M24-LIS-104									
M24-LIS-105									
M24-LIS-106									
M24-LIS-201									
M24-LIS-202									
M24-LIS-203									
M24-LIS-204									
M24-LIS-205									
M24-CHM-201									
M24-INT-200									
M24-LIS-301									
M24-LIS-302									
M24-LIS-303									
M24-LIS-304									
M24-LIS-305									
M24-LIS-306									
M24-LIS-307									
M24-OEC-330									
M24-LIS-401									
M24-LIS-402									
M24-LIS-403									
M24-LIS-404									
M24-LIS-405									
M24-LIS-406									
M24-LIS-407									

The PLO attainment values to be filled in above table can be obtained as follows:

For M24-LIS-101-PLO1 Cell:

PLO1 attainment value = (Mapping factor of **M24-LIS -101**-PLO1 from **Table 4** × Overall CLO attainment value for the course **M24-LIS -101**)/3

For M24-LIS -101-PLO1 Cell:

Similarly, values for each cell of the above **Table-7** can be obtained. The direct attainment of PLOs is average of individual PLO attainment values.

In order to obtain the PLO attainment using indirect method, a student exit survey based on the questionnaire of PLOs will be conducted at end of last semester of the program. The format for the same is given in the following **Table-8**. Average of the responses from the outgoing students for each PLO will be estimated. The overall PLO 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 PLO1 =
 $0.8 \times \text{average attainment value for PLO1 using direct method (from Table 4)} +$
 $0.2 \times \text{average response of outgoing students for PLO1}$
 Similarly, overall attainment value can be obtained for each PLO.

Table-8: Questionnaire for indirect measurement of PLO attainment (For outgoing students)

At the end of my degree programme I am able to do:

Programme Outcome			Please tick any one		
PLO1	Knowledge and Understanding	Demonstrate the fundamental and advanced knowledge of the subject and understanding of recent developments and issues, including methods and techniques, related to Library and Information Science.	3	2	1
PLO2	General Skills	Acquire the general skills required for performing and accomplishing the tasks as expected to be done by a skilled professional in the field of Library and Information Science.	3	2	1
PLO3	Technical/ Professional Skills	Demonstrate the learning of advanced cognitive technical/professional skills required for completing the specialized tasks related to the profession and for conducting and analyzing the relevant research tasks indifferent domains of Library and	3	2	1

		Information Science.			
PLO4	Communication Skills	Effectively communicate the attained skills of Library and Information Science in well-structured and productive manner to the society at large.	3	2	1
PLO5	Application of Knowledge and Skills	Apply the acquired knowledge and skills to the problems in the subject area, and to identify and analyze the issues where the attained knowledge and skills can be applied by carrying out research investigations to formulate evidence-based solutions to complex and unpredictable problems associated with the field of Library and Information Science or otherwise.	3	2	1
PLO6	Critical thinking and Research Aptitude	Attain the capability of critical thinking in intra/inter-disciplinary areas of Library and Information Science enabling to formulate, synthesize, and articulate issues for designing of research proposals, testing hypotheses, and drawing inferences based on the analysis.	3	2	1
PLO7	Constitutional, Humanistic, Moral Values and Ethics	Know constitutional, humanistic, moral and ethical values, and intellectual property rights to become a scholar/professional with ingrained values in expanding knowledge for the society, and to avoid unethical practices such as fabrication, falsification or misrepresentation of data or committing plagiarism.	3	2	1
PLO8	Capabilities/qualities and mindset	To exercise personal responsibility for the outputs of own work as well as of group/team and for managing complex and challenging work(s) that requires new/strategic approaches.	3	2	1
PLO9	Employability and job-ready skills	Attain the knowledge and skills required for increasing employment potential, adapting to the future work and responding to the rapidly changing demands of the employers/industry/society with time.	3	2	1
	3: Strongly Agree; 2: Agree; 1: Average				

Overall PLO attainment values can be written as shown **in the following Table-9:**

Table-9: Overall PLO attainment Values

	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
Direct PLO attainment									
Indirect PLO attainment									
Overall PLO attainment									
Target	2	2	2	2	2	2	2	2	2

The overall PLO attainment values obtained above are compared with set target. The set target for each PLO may be different and will be finalized by the staff councils of the departments/institutes. If overall PLO 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 PLO attainment level based on CLO-PLO mapping values and overall CLO attainment values will be obtained in a similar manner.