

GP-517: Artificial Intelligence & Machine Learning In Geophysics

Credits : 4

Max. Marks: 60

Time: 3 hours

Course Outcomes:

On completion of this course, the students will be able to

CO517.1: Understand basic concepts of machine learning and artificial intelligence.

CO517.2: Understands the concept of seismic methods and know similarity and differences between Inversion and Artificial Intelligence.

CO517.3: Use Python programming language for application in machine learning and artificial intelligence.

CO517.4: Understand the application of machine learning and artificial intelligence in seismic processing and seismic interpretation.

Special Notes:

Nine questions will be set and students will attempt five questions. Question No.1 is compulsory and based on the conceptual aspects of the whole syllabus. It can have 5 to 10 parts. The answer should not be in yes and no. In addition to Question 1, there will be four unit question paper each containing two questions belonging to four units in the syllabus. Students will select one question from each unit

Unit-I: Fundamentals of Machine Learning

Introduction to Artificial Intelligence and Machine Learning. Machine Learning: Supervised Learning: Classification and Regression, k-Nearest Neighbors, Neural Networks (Deep Learning). Unsupervised Learning: Dimensionality reduction, Feature extraction, Clustering: k-Means clustering.

Unit-II: Review of Seismic Methods

Seismic data analysis: Signal processing, Data processing sequence, Deconvolution, Filtering, Normal moveout correction. Reservoir geophysics: Amplitude variation with offset, Seismic attribute analysis, Full waveform inversion. Geophysical Inversion versus Machine Learning: similarity and differences.

Unit-III: Machine Learning with Python

Introduction to Python. Python 3.7, scikit-learn, Libraries and tools: NumPy, SciPy, matplotlib, pandas, Jupyter notebook. Control flow tools, Data Structures, Modules, Input and Output, Errors and Exceptions, Classes, Standard Library, Virtual environment and packages. Machine Learning with Python.

Unit-IV: Application in Geophysics

Machine Learning Applications: First break picking, Seismic deconvolution, N.M.O. correction in τ - p domain. Reservoir characterization: Direct hydrocarbon indicator, Pattern recognition, Principle component analysis, Thin bed identification for shale gas, Data driven amplitude variation with offset, Rock physics analysis.

Recommended Books:

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|-------------------------|-------------------------------|
| 1. Anthony Croft et al. | Engineering Mathematics |
| 2. Martin C. Brown | Python the complete reference |
| 3. R. Nageshwara Rao | Core Python Programming |

GP-601: Dissertation

Credits: 16

Max. Marks: 400

Time : 30 Minutes per student

Course Outcomes:

On completion of this course, the students will be able to

CO601.1: Demonstrate and apply geophysical knowledge as a member/leader of the team to solve a minor research problem.

CO601.2: Capable of identifying, formulating and analysing the given geophysical problem.

CO601.3: Develop critical thinking and develop skills to write a Dissertation report.

CO601.4: Communicate effectively, demonstrate and understanding of geophysical knowledge.

Objective and Output:

Every student is required to undertake a project in the last semester. The project may be an experimental investigation, field work and laboratory studies, a theoretical investigation accompanied by computation work, data processing and analysis or combination of these. The exact nature of the project and the problem is decided by the chairperson of the department in consultation with faculty members and students. After the project is completed the students will submit two copies of dissertation based on the results obtained in the investigation. Finally the student is expected to defend his findings as embodied in his dissertation before a board of examinations and take an oral examination.

This will inculcate the research aptitude in the students.

GP- 602: Comprehensive Viva-Voce

Credits:4

Max. Marks: 100

Time : 30 Minutes per student

Course Outcomes:

On completion of this course, the students will be able to

CO602.1: Prepare themselves for the various competitive examinations held by various organizations including ONGC, GSI, GATE, CSIR-JRF-NET, Ground water boards etc.

CO602.2: Demonstrate comprehensive knowledge and understanding of the Geophysics discipline.

CO602.3: Communicate effectively the Geophysical knowledge.

Note:

Every student shall be required to appear for comprehensive viva-voce examination based on complete M.Tech. (Applied Geophysics) course before a committee of teachers of the department.

GP-603: Seminar

Credits: 4

Max. Marks: 100

Time : One Hour per student

Course Outcomes:

On completion of this course, the students will be able to

CO603.1: Communicate effectively on Geophysical topics.

CO603.2: Demonstrate comprehensive knowledge and understanding of the Geophysical principles.

CO603.3: Learn techniques for professional practices including writing a scientific report.

Objective and Output:

In order to inculcate sense of confidence and self reliance and with a view to train the student in the art of public speaking and self expression, each student is required to deliver a talk on a particular topic during sixth semester. The topic of the seminar is selected by the students under the advice of a teacher of the department. This is accompanied by a write up. Besides delivering a seminar talk a student is expected to attend all other seminars delivered by other students. The seminar shall be evaluated by a committee of the teachers of the department.

GP- 604: Geophysical Field Training-II

Credits:4

Max. Marks: 100

Time : 30 Minutes per student

Course Outcomes:

On completion of this course, the students will be able to

CO604.1: Learn practical knowledge of different instruments/Geophysical techniques and will be able to do the acquisition, processing and interpretation of Geophysical data. Prepare themselves for the industrial environment.

CO604.2: To develop critical thinking and skills to write the project report.

CO604.3: To work effectively as an individual as well as team work.

CO604.4: Communicate effectively and demonstrate the geophysical knowledge.

CO-PO mapping matrix for the course GP-101 (Mathematical Methods in Geophysics)

COs#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO101.1	3	2	2	2	-	2	1	1	1	1	1
CO101.2	3	2	2	2	-	2	1	1	1	1	1
CO101.3	3	2	2	2	-	2	1	1	1	2	2
CO101.4	3	1	2	2	-	2	1	1	1	1	1
Average	3	1.8	2	2	-	2	1	1	1	1.3	1.3

CO-PSO mapping matrix for the course GP-101 (Mathematical Methods in Geophysics)

COs#	PSO1	PSO2	PSO3	PSO4
CO101.1	3	2	3	2
CO101.2	3	2	3	2
CO101.3	3	2	3	3
CO101.4	3	2	3	2
Average	3	2	3	2.3

CO-PO mapping matrix for the course GP-102: Solid Earth Geophysics

COs#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO102.1	3	1	2	1	1	1	1	1	2	1	1
CO102.2	3	1	2	1	1	1	1	1	2	1	1
CO102.3	3	1	2	2	1	2	1	1	2	1	1
CO102.4	3	2	2	2	1	2	1	1	2	1	1
Average	3	1.3	2	1.5	1	1.5	1	1	2	1	1

CO-PSO mapping matrix for the course GP-102: Solid Earth Geophysics

COs#	PSO1	PSO2	PSO3	PSO4
CO102.1	3	1	3	1
CO102.2	3	2	2	2
CO102.3	3	1	3	1
CO102.4	3	2	2	3
Average	3	1.5	2.5	1.8

CO-PO mapping matrix for the course GP-103 (Numerical Methods and Computer Programming)

COs#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO103.1	3	3	2	1	1	1	1	1	3	1	3
CO103.2	3	3	2	1	1	1	2	1	3	1	2
CO103.3	3	3	2	1	1	2	2	1	3	1	2
CO103.4	3	3	2	1	1	3	3	1	3	1	2
Average	3	3	2	1	1	1.8	2	1	3	1	2.3

CO-PSO mapping matrix for the course GP-103 (Numerical Methods and Computer Programming)

COs#	PSO1	PSO2	PSO3	PSO4
CO103.1	1	3	3	3
CO103.2	3	2	2	3
CO103.3	3	2	2	3
CO103.4	3	2	3	3
Average	2.5	2.3	2.5	3

CO-PO mapping matrix for the course GP-104 (Basic Geology)

COs#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO104.1	3	1	2	--	1	1	--	--	2	1	1
CO104.2	3	1	2	--	1	1	--	1	2	1	1
CO104.3	3	1	2	--	1	1	--	1	2	1	1
CO104.4	3	1	2	--	1	1	--	1	2	1	1
Average	3	1	2	--	1	1	--	1	2	1	1

CO-PSO mapping matrix for the course GP-104 (Basic Geology)

COs#	PSO1	PSO2	PSO3	PSO4
CO104.1	2	2	2	2
CO104.2	2	2	2	2
CO104.3	2	2	2	2
CO104.4	2	2	2	2
Average	2	2	2	2

CO-PO mapping matrix for the course GP-105 (Geology Lab.)

COs#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO105.1	3	1	1	1	1	2	1	1	2	1	1
CO105.2	3	2	3	1	2	2	2	1	2	1	2
CO105.3	3	2	2	2	2	2	2	1	2	1	2
CO105.4	3	3	2	3	1	2	2	1	2	1	2
Average	3	2	2	1.8	1.5	2	1.8	1	2	1	1.8

CO-PSO mapping matrix for the course GP-105 (Geology Lab.)

COs#	PSO1	PSO2	PSO3	PSO4
CO105.1	2	1	3	1
CO105.2	1	2	3	1
CO105.3	1	2	2	3
CO105.4	3	3	2	3
Average	1.8	2	2.5	2

CO-PO mapping matrix for the course GP-106 (Computer Lab.)

COs#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO106.1	3	2	2	2	2	2	2	2	3	1	2
CO106.2	3	2	2	2	2	3	2	2	3	1	2
CO106.3	3	3	2	3	2	2	2	2	3	1	2
CO106.4	3	3	2	3	2	2	2	3	3	1	2
Average	3	2.5	2	2.5	2	2.3	2	2.3	3	1	2

CO-PSO mapping matrix for the course GP-106 (Computer Lab.)

COs#	PSO1	PSO2	PSO3	PSO4
CO106.1	1	2	3	3
CO106.2	2	2	2	3
CO106.3	2	2	2	3
CO106.4	2	2	3	3
Average	1.8	2	2.5	3

CO-PO mapping matrix for the course GP-201 (Remote Sensing and GIS)

COs#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO201.1	3	1	2	1	1	1	1	-	2	1	1
CO201.2	3	1	2	1	1	1	2	-	2	1	1
CO201.3	3	1	2	1	1	1	2	-	2	1	1
CO201.4	3	1	2	2	1	1	2	-	2	1	1
Average	3	1	2	1.3	1	1	1.8	-	2	1	1

CO-PSO mapping matrix for the course GP-201 (Remote Sensing and GIS)

COs#	PSO1	PSO2	PSO3	PSO4
CO201.1	2	2	1	1
CO201.2	2	2	1	3
CO201.3	2	2	1	2
CO201.4	2	2	2	2
Average	2	2	1.8	2

CO-PO mapping matrix for the course GP-202 (Advanced Computing)

COs#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO202.1	3	2	2	3	2	2	2	2	2	1	1
CO202.2	3	2	2	3	2	2	2	2	2	1	1
CO202.3	3	2	2	3	2	2	2	2	2	1	1
CO202.4	3	2	2	2	2	2	3	2	2	1	1
Average	3	2	2	2.8	2	2	2.3	2	2	1	1

CO-PSO mapping matrix for the course GP-202 (Advanced Computing)

COs#	PSO1	PSO2	PSO3	PSO4
CO202.1	2	3	2	1
CO202.2	2	3	2	1
CO202.3	2	3	2	1
CO202.4	2	3	2	2
Average	2	3	2	1.3

CO-PO mapping matrix for the course GP-203 (Geophysical Signal Processing)

COs#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO203.1	3	2	2	2	1	2	1	1	2	1	1
CO203.2	3	2	2	1	1	2	1	1	2	1	1
CO203.3	3	2	2	2	1	2	3	1	2	1	1
CO203.4	3	2	2	1	1	2	3	1	2	1	1
Average	3	2	2	1.5	1	2	2	1	2	1	1

CO-PSO mapping matrix for the course GP-203 (Geophysical Signal Processing)

COs#	PSO1	PSO2	PSO3	PSO4
CO203.1	3	2	3	2
CO203.2	3	2	3	2
CO203.3	3	2	3	2
CO203.4	3	2	3	2
Average	3	2	3	2

CO-PO mapping matrix for the course GP-204 (Geophysical Fields and Waves)

COs#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO204.1	3	1	2	1	1	2	--	--	2	1	1
CO204.2	3	1	2	1	1	1	--	--	2	1	1
CO204.3	3	1	2	1	1	2	1	--	2	1	1
CO204.4	3	1	2	1	1	1	1	--	2	1	1
Average	3	1	2	1	1	1.5	1	--	2	1	1

CO-PSO mapping matrix for the course GP-204 (Geophysical Fields and Waves)

COs#	PSO1	PSO2	PSO3	PSO4
CO204.1	2	2	2	1
CO204.2	2	2	2	1
CO204.3	2	2	2	2
CO204.4	2	2	2	2
Average	2	2	2	1.5

CO-PO mapping matrix for the course GP-205 (Geophysical Lab.-I)

COs#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO205.1	2	3	--	2	2	3	--	2	1	1	2
CO205.2	2	2	--	2	2	3	--	3	2	1	2
CO205.3	2	1	2	2	2	3	1	1	2	1	2
CO205.4	2	1	2	2	2	3	1	1	2	1	2
Average	2	1.8	2	2	2	3	1	1.8	1.8	1	2

CO-PSO mapping matrix for the course GP-205 (Geophysical Lab.-I)

COs#	PSO1	PSO2	PSO3	PSO4
CO205.1	2	2	2	2
CO205.2	2	2	2	2
CO205.3	2	2	2	2
CO205.4	2	2	2	2
Average	2	2	2	2

CO-PO mapping matrix for the course GP-206 (Geophysical Lab. – II)

COs#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO402.1	3	2	2	2	2	3	2	1	2	1	1
CO402.2	3	2	2	2	2	3	2	1	2	1	1
CO402.3	3	2	2	2	2	3	2	1	2	1	1
CO402.4	3	2	2	2	2	3	2	1	2	1	1
Average	3	2	2	2	2	3	2	1	2	1	1

CO-PSO mapping matrix for the course GP-206 (Geophysical Lab. – II)

COs#	PSO1	PSO2	PSO3	PSO4
CO402.1	3	2	3	3
CO402.2	3	2	3	3
CO402.3	3	2	3	3
CO402.4	3	2	3	3
Average	3	2	3	3

CO-PO mapping matrix for the course GP-207 (Geological Field Training)

COs#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO207.1	3	3	2	2	3	3	2	1	2	1	2
CO207.2	3	1	2	2	3	3	3	1	2	1	2
CO207.3	3	3	2	2	3	3	2	1	1	1	2
CO207.4	3	1	2	2	3	1	2	2	3	1	3
Average	3	2	2	2	3	2.5	2.3	1.3	2	1	2.3

CO-PSO mapping matrix for the course GP-207 (Geological Field Training)

COs#	PSO1	PSO2	PSO3	PSO4
CO207.1	2	2	1	1
CO207.2	2	2	1	2
CO207.3	1	3	2	2
CO207.4	1	1	2	1
Average	1.5	2	1.5	1.5

CO-PO mapping matrix for the course GP-301 (Seismology)

COs#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO301.1	3	3	2	2	--	1	2	2	3	1	3
CO301.2	3	3	2	1	--	1	2	1	3	1	2
CO301.3	3	3	2	1	1	2	2	2	3	1	2
CO301.4	3	3	2	2	1	3	2	3	3	1	2
Average	3	3	2	1.5	1	1.8	2	2	3	1	2.3

CO-PSO mapping matrix for the course GP-301 (Seismology)

COs#	PSO1	PSO2	PSO3	PSO4
CO301.1	3	2	3	3
CO301.2	3	3	2	3
CO301.3	2	2	2	3
CO301.4	2	2	3	3
Average	2.5	2.3	2.5	3

CO-PO mapping matrix for the course GP-302 (Gravity and Magnetic Prospecting)

COs#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO302.1	3	1	2	1	--	1	1	1	3	1	3
CO302.2	3	-	2	1	--	--	2	1	3	1	2
CO302.3	3	2	2	1	--	2	2	1	3	1	2
CO302.4	3	2	2	1	--	3	3	1	3	1	2
Average	3	1.7	2	1	--	2	2	1	3	1	2.3

CO-PSO mapping matrix for the course GP-302 (Gravity and Magnetic Prospecting)

COs#	PSO1	PSO2	PSO3	PSO4
CO302.1	1	1	3	3
CO302.2	3	2	2	3
CO302.3	3	2	2	3
CO302.4	3	2	3	3
Average	2.5	1.8	2.5	3

CO-PO mapping matrix for the course GP-303 (Groundwater Geophysics)

COs#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO303.1	3	1	2	1	1	1	1	2	2	1	1
CO303.2	3	1	2	1	1	1	1	2	2	1	1
CO303.3	3	1	2	1	1	1	2	2	2	1	1
CO303.4	3	1	2	1	1	1	2	2	2	1	1
Average	3	1	2	1	1	1	1.5	2	2	1	1

CO-PSO mapping matrix for the course GP-303 (Groundwater Geophysics)

COs#	PSO1	PSO2	PSO3	PSO4
CO303.1	3	1	2	2
CO303.2	3	2	2	1
CO303.3	3	1	2	1
CO303.4	3	2	2	2
Average	3	1.5	2	1.5

CO-PO mapping matrix for the course GP-304 (Electrical Prospecting)

COs#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO304.1	3	2	2	2	1	2	1	1	2	1	1
CO304.2	3	2	2	2	1	2	1	1	2	1	1
CO304.3	3	2	2	2	1	2	2	2	2	1	1
CO304.4	3	2	2	2	1	2	2	2	2	1	1
Average	3	2	2	2	1	2	1.5	1.5	2	1	1

CO-PSO mapping matrix for the course GP-304 (Electrical Prospecting)

COs#	PSO1	PSO2	PSO3	PSO4
CO304.1	3	2	3	1
CO304.2	3	2	3	2
CO304.3	3	2	3	3
CO304.4	3	2	3	3
Average	3	2	3	2.2

CO-PO mapping matrix for the course GP-305 (Geophysical Lab. – III)

COs#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO306.1	3	3	2	3	2	2	2	1	1	1	1
CO306.2	3	3	1	2	2	3	2	1	2	1	1
CO306.3	3	3	1	1	2	2	2	1	1	1	2
CO306.4	3	3	2	1	2	2	2	1	2	1	1
Average	3	3	1.5	1.8	2	2.3	2	1	1.5	1	1.3

CO-PSO mapping matrix for the course GP-305 (Geophysical Lab. – III)

COs#	PSO1	PSO2	PSO3	PSO4
CO306.1	3	2	3	2
CO306.2	3	2	3	3
CO306.3	3	2	2	3
CO306.4	3	2	2	3
Average	3	2	2.5	2.8

CO-PO mapping matrix for the course GP-306 (Geophysical Lab. – IV)

COs#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO306.1	2	1	2	3	1	2	2	1	3	1	2
CO306.2	2	2	2	2	1	3	2	1	3	1	2
CO306.3	2	2	2	2	1	2	2	1	3	1	2
CO306.4	2	1	2	1	1	2	2	3	3	1	1
Average	2	1.5	2	2	1	2.3	2	1.5	3	1	1.8

CO-PSO mapping matrix for the course GP-306 (Geophysical Lab. – IV)

COs#	PSO1	PSO2	PSO3	PSO4
CO306.1	3	3	3	2
CO306.2	3	3	3	3
CO306.3	3	3	3	2
CO306.4	2	3	2	1
Average	2.8	3	2.8	2

CO-PO mapping matrix for the course GP-401: Petrophysics and Well logging

COs#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO401.1	3	1	2	1	1	2	1	1	2	1	2
CO401.2	3	1	2	2	1	2	1	1	2	1	2
CO401.3	3	1	2	1	1	2	1	1	2	1	2
CO401.4	3	1	2	2	1	2	1	1	2	1	2
Average	3	1	2	1.5	1	2	1	1	2	1	2

CO-PSO mapping matrix for the course GP-401: Petrophysics and Well logging

COs#	PSO1	PSO2	PSO3	PSO4
CO401.1	3	2	3	2
CO401.2	3	2	3	2
CO401.3	3	2	3	2
CO401.4	3	2	3	2
Average	3	2	3	2

CO-PO mapping matrix for the course GP-402 (Physical Oceanography and Marine Geophysics)

COs#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO402.1	3	1	2	2	1	3	1	1	2	1	1
CO402.2	3	1	2	2	1	3	1	1	2	1	-
CO402.3	3	1	2	2	1	3	1	1	2	1	1
CO402.4	3	1	2	2	1	3	1	1	2	1	1
Average	3	1	2	2	1	3	1	1	2	1	1

CO-PSO mapping matrix for the course GP-402 (Physical Oceanography and Marine Geophysics)

COs#	PSO1	PSO2	PSO3	PSO4
CO402.1	3	2	3	3
CO402.2	3	2	3	3
CO402.3	3	2	3	2
CO402.4	3	2	3	2
Average	3	2	3	2.5

CO-PO mapping matrix for the course GP-403 (Seismic Prospecting)

COs#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO404.1	3	1	2	1	1	2	1	1	2	1	1
CO404.2	3	1	2	1	1	1	1	1	2	1	1
CO404.3	3	2	2	1	1	2	3	1	2	1	1
CO404.4	3	2	2	1	1	1	3	1	2	1	1
Average	3	1.5	2	1	1	1.5	2	1	2	1	1

CO-PSO mapping matrix for the course GP-403 (Seismic Prospecting)

COs#	PSO1	PSO2	PSO3	PSO4
CO404.1	3	2	3	3
CO404.2	3	2	3	3
CO404.3	3	2	3	3
CO404.4	3	2	3	3
Average	3	2	3	3

CO-PO mapping matrix for the course GP-404 (Geophysical Inversion)

COs#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO404.1	3	2	1	2	--	2	2	1	3	--	1
CO404.2	3	2	1	2	--	2	2	1	3	--	1
CO404.3	3	2	1	2	--	2	3	1	3	2	2
CO404.4	3	2	1	2	--	3	3	1	3	2	2
Average	3	2	1	2	--	2.3	2.5	1	3	2	1.5

CO-PSO mapping matrix for the course GP-404 (Geophysical Inversion)

COs#	PSO1	PSO2	PSO3	PSO4
CO404.1	3	1	1	1
CO404.2	3	2	1	2
CO404.3	3	3	2	3
CO404.4	3	3	2	3
Average	3	2.3	1.5	2.3

CO-PO mapping matrix for the course GP-405 (Geophysical Lab.-V)

COs#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO405.1	3	3	2	3	2	2	2	2	3	1	2
CO405.2	3	3	2	2	2	2	2	2	3	1	2
CO405.3	3	2	3	3	2	2	2	2	3	1	2
CO405.4	3	2	3	2	2	3	2	2	3	1	2
Average	3	2.5	2.5	2.5	2	2.3	2	2	3	1	2

CO-PSO mapping matrix for the course GP-405 (Geophysical Lab.-V)

COs#	PSO1	PSO2	PSO3	PSO4
CO405.1	3	3	2	3
CO405.2	2	3	3	3
CO405.3	3	2	2	3
CO405.4	2	2	3	3
Average	2.5	2.5	2.5	3

CO-PO mapping matrix for the course GP-406 (Geophysical Lab.-VI)

COs#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO406.1	3	2	1	3	1	2	2	1	3	--	1
CO406.2	3	2	3	1	1	2	2	1	3	1	2
CO406.3	3	2	2	3	1	2	2	1	3	3	2
CO406.4	2	2	1	1	1	2	3	3	3	1	1
Average	2.8	2	1.8	2	1	2	2.3	1.5	3	1.7	1.5

CO-PSO mapping matrix for the course GP-406 (Geophysical Lab.-VI)

COs#	PSO1	PSO2	PSO3	PSO4
CO406.1	2	3	2	2
CO406.2	2	3	3	1
CO406.3	3	2	2	2
CO406.4	1	3	2	2
Average	2	2.8	2.3	1.8

CO-PO mapping matrix for the course GP-407: Geophysical Field Training-I

COs#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO407.1	3	3	3	3	2	2	1	2	1	2	2
CO407.2	3	2	2	3	2	1	1	2	1	2	2
CO407.3	3	2	2	3	2	2	1	2	1	2	2
CO407.4	3	2	2	3	2	1	1	2	1	2	2
Average	3	2.3	2.3	3	2	1.5	1	2	1	2	2

CO-PSO mapping matrix for the course GP-407: Geophysical Field Training-I

COs#	PSO1	PSO2	PSO3	PSO4
CO407.1	3	3	2	3
CO407.2	3	2	2	3
CO407.3	3	2	2	3
CO407.4	3	2	2	3
Average	3	2.3	2	3

CO-PO mapping matrix for the course GP-501 (Near Surface Geophysics)

COs#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO501.1	3	2	2	1	1	2	1	1	2	1	1
CO501.2	3	2	2	2	1	2	1	1	2	1	1
CO501.3	3	2	2	2	1	2	2	1	2	1	1
CO501.4	3	2	2	2	1	2	2	1	2	1	1
Average	3	2	2	1.8	1	2	1.5	1	2	1	1

CO-PSO mapping matrix for the course GP-501 (Near Surface Geophysics)

COs#	PSO1	PSO2	PSO3	PSO4
CO501.1	3	2	3	1
CO501.2	3	2	3	1
CO501.3	3	2	3	3
CO501.4	3	2	3	3
Average	3	2	3	2

CO-PO mapping matrix for the course GP-502 (Electromagnetic and Magnetotelluric Methods)

COs#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO502.1	3	2	2	1	1	2	1	1	2	1	1
CO502.2	3	2	2	1	1	2	2	1	2	1	1
CO502.3	3	2	2	1	1	2	2	1	2	1	1
CO502.4	3	2	2	1	1	2	2	1	2	1	1
Average	3	2	2	1	1	2	1.7	1	2	1	1

CO-PSO mapping matrix for the course GP-502 (Electromagnetic and Magnetotelluric Methods)

COs#	PSO1	PSO2	PSO3	PSO4
CO502.1	3	2	3	1
CO502.2	3	2	3	3
CO502.3	3	2	3	3
CO502.4	3	2	3	3
Average	3	2	3	2.5

CO-PO mapping matrix for the course GP-503: Geophysical Lab-VII

COs#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO503.1	3	2	2	3	2	2	2	1	2	1	2
CO503.2	3	2	2	3	2	1	1	1	2	1	2
CO503.3	3	2	2	3	2	2	2	1	2	1	2
CO503.4	3	2	2	3	2	1	1	1	2	1	1
Average	3	2	2	3	2	1.5	1.5	1	2	1	1.8

CO-PSO mapping matrix for the course GP-503: Geophysical Lab-VII

COs#	PSO1	PSO2	PSO3	PSO4
CO503.1	3	3	2	3
CO503.2	3	3	2	3
CO503.3	3	3	2	3
CO503.4	3	3	2	3
Average	3	3	2	3

CO-PO mapping matrix for the course GP-504 (Geophysical Lab.- VIII)

COs#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO504.1	3	2	2	1	3	1	--	1	3	--	3
CO504.2	3	3	2	3	--	2	1	1	3	1	1
CO504.3	3	2	1	2	--	3	3	2	3	1	--
CO504.4	2	1	3	1	2	1	2	1	3	1	2
Average	2.8	2	2	1.8	2.5	1.8	2	1.3	3	1	2

CO-PSO mapping matrix for the course GP-504 (Geophysical Lab. -VIII)

COs#	PSO1	PSO2	PSO3	PSO4
CO504.1	3	1	3	2
CO504.2	3	3	2	2
CO504.3	1	3	3	2
CO504.4	2	2	3	1
Average	2.3	2.3	2.8	1.8

CO-PO mapping matrix for the course GP-506 (Computational Seismology)

COs#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO506.1	3	2	1	2	1	2	2	1	3	1	2
CO506.2	3	2	1	2	1	2	2	1	3	1	2
CO506.3	3	2	1	2	1	2	2	1	3	1	2
CO506.4	3	2	1	2	1	2	2	1	3	1	2
Average	3	2	1	2	1	2	2	1	3	1	2

CO-PSO mapping matrix for the course GP-506 (Computational Seismology)

COs#	PSO1	PSO2	PSO3	PSO4
CO506.1	3	3	3	2
CO506.2	3	3	2	2
CO506.3	3	3	2	2
CO506.4	3	3	2	2
Average	3	3	2.3	2

CO-PO mapping matrix for the course GP-513 (Seismic Data Analysis and Reservoir Geophysics)

COs#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO513.1	3	3	2	3	2	2	2	1	2	1	1
CO513.2	3	3	2	3	2	3	3	1	2	1	3
CO513.3	3	3	2	3	2	2	2	1	3	1	1
CO513.4	3	3	2	3	2	3	3	1	2	1	3
Average	3	3	2	3	2	2.5	2.5	1	2.3	1	2

CO-PSO mapping matrix for the course GP-513 (Seismic Data Analysis and Reservoir Geophysics)

COs#	PSO1	PSO2	PSO3	PSO4
CO513.1	3	2	2	3
CO513.2	3	3	2	3
CO513.3	3	2	2	3
CO513.4	3	3	2	3
Average	3	2.5	2	3

CO-PO mapping matrix for the course GP-517 (Artificial Intelligence & Machine Learning in Geophysics)

COs#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO517.1	3	2	1	3	2	2	2	1	2	1	1
CO517.2	3	2	2	3	2	2	2	1	2	1	1
CO517.3	3	2	2	3	2	2	2	1	2	1	1
CO517.4	3	2	2	3	2	2	2	1	2	1	1
Average	3	2	1.8	3	2	2	2	1	2	1	1

CO-PSO mapping matrix for the course GP-517 (Artificial Intelligence & Machine Learning in Geophysics)

COs#	PSO1	PSO2	PSO3	PSO4
CO517.1	2	2	2	2
CO517.2	2	3	3	3
CO517.3	2	2	1	1
CO517.4	2	3	2	2
Average	2	2.5	2	2

CO-PO mapping matrix for the course GP-601 (Dissertation)

COs#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO601.1	3	3	2	3	3	3	2	2	3	1	2
CO601.2	3	3	2	3	2	3	2	2	3	2	2
CO601.3	3	3	2	3	3	3	2	2	3	1	2
CO601.4	3	3	3	3	2	3	2	2	3	2	2
Average	3	3	2.3	3	2.5	3	2	2	3	1.5	2

CO-PSO mapping matrix for the course GP-601 (Dissertation)

COs#	PSO1	PSO2	PSO3	PSO4
CO601.1	3	3	3	3
CO601.2	3	3	3	3
CO601.3	3	3	3	3
CO601.4	3	3	3	3
Average	3	3	3	3

CO-PO mapping matrix for the course GP-602 (Comprehensive Viva-Voce)

COs#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO602.1	3	--	2	1	1	--	2	1	2	1	1
CO602.2	3	--	2	1	1	--	2	1	2	1	1
CO602.3	2	--	3	--	1	--	2	1	2	1	1
Average	2.7	--	2.3	1	1	--	2	1	2	1	1

CO-PSO mapping matrix for the course GP-602 (Comprehensive Viva-Voce)

COs#	PSO1	PSO2	PSO3	PSO4
CO602.1	2	2	3	2
CO602.2	2	2	3	2
CO602.3	2	2	3	2
Average	2	2	3	2

CO-PO mapping matrix for the course GP-603 (Seminar)

COs#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO603.1	3	2	3	1	2	1	2	1	3	2	1
CO603.2	3	2	3	2	2	1	2	2	3	2	1
CO603.3	3	3	1	2	2	2	2	3	3	3	1
Average	3	2.3	2.3	1.7	2	1.3	2	2	3	2.3	1

CO-PSO mapping matrix for the course GP-603 (Seminar)

COs#	PSO1	PSO2	PSO3	PSO4
CO603.1	2	3	3	2
CO603.2	3	3	3	2
CO603.3	2	3	3	2
Average	2.3	3	3	2

CO-PO mapping matrix for the course GP-604 (Geophysical Field Training- II)

COs#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO604.1	3	2	2	2	1	2	3	1	2	1	2
CO604.2	3	2	2	2	2	2	3	1	2	1	2
CO604.3	3	2	2	2	3	2	3	1	2	1	2
CO604.4	3	2	2	2	2	2	3	1	2	1	2
Average	3	2	2	2	2	2	3	1	2	1	2

CO-PSO mapping matrix for the course GP-604 (Geophysical Field Training- II)

COs#	PSO1	PSO2	PSO3	PSO4
CO604.1	3	2	2	3
CO604.2	3	2	2	3
CO604.3	3	2	2	3
CO604.4	3	2	2	3
Average	3	2	2	3

Table 1: CO-PSO-PO mapping matrix

Course code	PO#											PSO#			
	1	2	3	4	5	6	7	8	9	10	11	1	2	3	4
GP-101	3	1.8	2	2	--	2	1	1	1	1.3	1.3	3	2	3	2.3
GP-102	3	1.3	2	1.5	1	1.5	1	1	2	1	1	3	1.5	2.5	1.8
GP-103	3	3	2	1	1	1.8	2	1	3	1	2.3	2.5	2.3	2.5	3
GP-104	3	1	2	--	1	1	--	1	2	1	1	2	2	2	2
GP-105	3	2	2	1.8	1.5	2	1.8	1	2	1	1.8	1.8	2	2.5	2
GP-106	3	2.5	2	2.5	2	2.3	2	2.3	3	1	2	1.8	2	2.5	3
GP-201	3	1	2	1.3	1	1	1.8	--	2	1	1	2	2	1.8	2
GP-202	3	2	2	2.8	2	2	2.3	2	2	1	1	2	3	2	1.3
GP-203	3	2	2	1.5	1	2	2	1	2	1	1	3	2	3	2
GP-204	3	1	2	1	1	1.5	1	--	2	1	1	2	2	2	1.5
GP-205	2	1.8	2	2	2	3	1	1.8	1.8	1	2	2	2	2	2
GP-206	3	2	2	2	2	3	2	1	2	1	1	3	2	3	3
GP-207	3	2	2	2	3	2.5	2.3	1.3	2	1	2.3	1.5	2	1.5	1.5
GP-301	3	3	2	1.5	1	1.8	2	2	3	1	2.3	2.5	2.3	2.5	3
GP-302	3	1.7	2	1	--	2	2	1	3	1	2.3	2.5	1.8	2.5	3
GP-303	3	1	2	1	1	1	1.5	2	2	1	1	3	1.5	2	1.5
GP-304	3	2	2	2	1	2	1.5	1.5	2	1	1	3	2	3	2.3
GP-305	3	3	1.5	1.8	2	2.3	2	1	1.5	1	1.3	3	2	2.5	2.8
GP-306	2	1.5	2	2	1	2.3	2	1.5	3	1	1.8	2.8	3	2.8	2
GP-401	3	1	2	1.5	1	2	1	1	2	1	2	3	2	3	2
GP-402	3	1	2	2	1	3	1	1	2	1	1	3	2	3	2.5
GP-403	3	1.5	2	1	1	1.5	2	1	2	1	1	3	2	3	3
GP-404	3	2	1	2	--	2.3	2.5	1	3	2	1.5	3	2.3	1.5	2.3
GP-405	3	2.5	2.5	2.5	2	2.3	2	2	3	1	2	2.5	2.5	2.5	3
GP-406	2.8	2	1.8	2	1	2	2.3	1.5	3	1.7	1.5	2	2.8	2.3	1.8
GP-407	3	2.3	2.3	3	2	1.5	1	2	1	2	2	3	2.3	2	3
GP-501	3	2	2	1.8	1	2	1.5	1	2	1	1	3	2	3	2
GP-502	3	2	2	1	1	2	1.8	1	2	1	1	3	2	3	2.5
GP-503	3	2	2	3	2	1.5	1.5	1	2	1	1.8	3	3	2	3
GP-504	2.8	2	2	1.8	2.5	1.8	2	1.3	3	1	2	2.3	2.3	2.8	1.8
GP-506	3	2	1	2	1	2	2	1	3	1	2	3	3	2.3	2
GP-513	3	3	2	3	2	2.5	2.5	1	2.3	1	2	3	2.5	2	3
GP-517	3	2	1.8	3	2	2	2	1	2	1	1	2	2.5	2	2
GP-601	3	3	2.3	3	2.5	3	2	2	3	1.5	2	3	3	3	3
GP-602	3	--	2.3	1	1	--	2	1	2	1	1	2	2	3	2
GP-603	3	2.3	2.3	1.7	2	1.3	2	2	3	2.3	1	2.3	3	3	2
GP-604	3	2	2	2	2	2	3	1	2	1	2	3	2	2	3

A. Method of Attainment of COs, PSOs & POs:

The attainment of COs can be measured on the basis of the results of internal assessment and semester examination. The attainment is measured on scale of 3 after setting the target for COs attainment. Table 2 shows the CO attainment levels assuming the set target of 60% marks:

Table 2: CO Attainment Levels for internal assessment

Attainment Level	
1 (low level of attainment)	60% of students score more than 60% of marks in class tests of a course.
2 (Medium level of attainment)	70% of students score more than 60% of marks in class tests of a course.
3 (High level of attainment)	80% of students score more than 60% of marks in class tests of a course.

A proper mapping of course outcomes with assessment methods should be defined before measuring the attainment level. The questions in tests for internal assessment are based on COs. The class test – I is based on first two COs (i.e. G101.1 and G101.2) of a course with equal weightage given to both COs. Similarly class test – II is based on next two COs (i.e. G101.3 and G101.4) of a course with equal weightage given to these two COs. For each internal assessment test, the percentage of students attaining the target level of CO is estimated and average percentage will decide the attainment level of COs. Following steps will be followed for determining the attainment level in internal assessment of a course.

- (i) Estimate the %age of students scoring set target (say 60%) or more in the question(s) of test -I based on first CO i.e. G101.1
- (ii) Estimate the %age of students scoring set target (60%) or more in the question(s) of test -I based on second CO i.e. G101.2
- (iii) Estimate the %age of students scoring set target (60%) or more in the question(s) of test -II based on third CO i.e. G101.3
- (iv) Estimate the %age of students scoring set target (60%) or more in the question(s) of test -II based on the fourth CO i.e. G101.4
- (v) Take average of the percentages obtained above.
- (vi) Determine the attainment level i.e. 3, 2 or 1 as per scale defined in table 2.

Note:

- (i) *In case of practical course, the CO attainment level for internal assessment is based on the seminar delivered by the students. The seminar is based on all COs of the practical courses.*
- (ii) *For the courses of field training, the CO attainment level is based on end semester examination only.*
- (iii) *For the courses in the VIth semester of M.Sc. Tech. (Applied Geophysics) programme, the CO attainment level is based on end term exams only.*

For determining the attainment levels for end semester examination, it is assumed that questions in the end term examination are based on all COs of the course. Attainment levels for end semester examination of a course can be determined after the declaration of the results. The CO attainment levels for end semester examination are given in Table 3.

Table 3: CO Attainment Levels for End Semester Examination(ESE)

Attainment Level	
1 (Low level of attainment)	60% of students obtained letter grade of A or above (for CBCS programs) or score more than 60% of marks (for non-CBCS programs) in ESE of a course.
2 (Medium level of attainment)	70% of students obtained letter grade of A or above (for CBCS programs) or score more than 60% of marks (for non-CBCS programs) in ESE of a course.
3 (High level of attainment)	80% of students obtained letter grade of A or above (for CBCS programs) or score more than 60% of marks (for non-CBCS programs) in ESE of a course.

Overall CO Attainment level of a Course:

The overall CO attainment level of a course can be obtained as:

$$\text{Overall CO attainment level} = 50\% \text{ of CO attainment level in Internal assessment} + 50\% \text{ of CO Attainment level in End semester examination.}$$

The overall COs attainment level can be obtained for all the courses of the program in a similar manner.

B. Attainment of POs:

The overall attainment level of POs is based on the values obtained using direct and indirect methods in the ratio of 80:20. The direct attainment of POs is obtained through the attainment of COs. The overall CO attainment value as estimated above and CO-PO mapping value as shown in Table 1 are used to compute the attainment of POs. PO attainment values obtained using direct method can be written as shown in the Table 4.

Table 4: PO Attainment Values using Direct Method

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
G101												
G102												
G103												
G104												
-												
-												
G406												
Direct PO attainment	Average of above values	Average of above values	Average of above values	--	--	--	--	--	--	--	--	Average of above values

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

For G101-PO1 Cell:

PO1 attainment value = (Mapping factor of G101-PO1 from Table 1 \times Overall CO attainment value for the course G101)/3

For G104-PO1 Cell:

PO1 attainment value = (Mapping factor of G104-PO1 from Table 1 \times Overall CO attainment value for the course G104)/3

Similarly values for each cell of Table 4 can be obtained. The direct attainment of POs is average of individual PO attainment values.

In order to obtain the PO attainment using indirect method, a student exit survey based on the questionnaire of POs may be conducted at end of last semester of the program. The format for the same is given in Table 5. Average of the responses from the outgoing students for each PO is estimated.

The overall PO attainment values are obtained by adding attainment values estimated using direct and indirect methods in the proportion of 80:20 as follows:

Overall attainment value for PO1 =

$0.8 \times$ average attainment value for PO1 using direct method (from table 4)

+

$0.2 \times$ average response of outgoing students for PO1

Similarly overall attainment value can be obtained for each PO.

Table 5: Questionnaire for indirect measurement of PO attainment
(For outgoing students)

At the end of my degree program I am able to:

	Please tick any one		
Demonstrate comprehensive disciplinary knowledge I have gained during course of study	3	2	1
Develop research aptitude. Capability for asking relevant/appropriate questions. Capable of identifying, formulating and analyzing the research problems and to draw conclusions from analysis of research problems.	3	2	1
Communicate effectively on	3	2	1

general and scientific topics with the scientific community and with society at large.			
Apply knowledge to solve scientific and other problems	3	2	1
Learn and work effectively as an individual and as a member or leader in team(s) and in multidisciplinary settings. Facilitate cooperative or coordinated efforts on the part of a group and act together as a group or as a team.	3	2	1
Apply critical thinking and analytical reasoning. Use disciplinary and research based knowledge including design of experiments, analysis and interpretation of data to provide valid conclusions.	3	2	1
Use and learn techniques, skills and modern tools for scientific practices.	3	2	1
To apply reasoning to assess the different issues related to society and the consequent responsibilities relevant to the professional scientific practices.	3	2	1
Acquire knowledge and skills including learning 'How to learn' that are necessary for participating in learning activities throughout life.	3	2	1
Demonstrating the ability to identify ethical issues related to one's work, avoid unethical behavior such as fabrication, falsification or misrepresentation of data or committing plagiarism and adopting objective, unbiased and truthful actions in all aspects of work.	3	2	1
To demonstrate knowledge and understanding of the scientific principles and apply these as a member / leader of a team to manage projects	3	2	1
3: Strongly Agree; 2: Agree; 1: Average			

Overall PO attainment values can be written as shown in Table 6:

Table 6: Overall PO attainment Values

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
Direct PO attainment												
Indirect PO attainment												
Overall PO attainment												
Target	2	2	2	2	2	1.5	2	2	2	2	1.5	1.5

The overall PO attainment values obtained above are compared with set target. The set target for each PO may be different and can be finalized by the staff councils of the departments/institutes. If overall PO attainment value is less than the set target value then an action plan may be prepared for improvement in the subsequent academic session.

C. Attainment of PSOs:

The overall attainment level of PSOs is based on the values obtained using direct and indirect methods in the ratio of 80:20. The direct attainment of PSOs is obtained through the attainment of COs. The overall CO attainment value as estimated above and CO-PSO mapping value as shown in Table 1 are used to compute the attainment of PSOs. PSO attainment values obtained using direct method can be written as shown in the Table 7.

Table 7: PSO Attainment Values using Direct Method

	PSO1	PSO2	PSO3	PSO4
GP101				
GP102				
GP103				
GP104				
-				
-				
GP604				
Direct PSO attainment	Average of above values	Average of above values	Average of above values	Average of above values

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

For GP101-PSO1 Cell:

PSO1 attainment value = (Mapping factor of GP101-PSO1 from Table 1 \times Overall CO attainment value for the course GP101)/3

For GP104-PSO1 Cell:

PSO1 attainment value = (Mapping factor of GP104-PSO1 from Table 1 \times Overall CO attainment value for the course GP104)/3

Similarly values for each cell of Table 7 can be obtained. The direct attainment of PSOs is average of individual PSO attainment values.

In order to obtain the PSO attainment using indirect method, a student exit survey based on the questionnaire of PSOs may be conducted at end of last semester of the program. The format for the same is given in Table 8. Average of the responses from the outgoing students for each PSO is estimated.

The overall PSO 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 PSO1 =

$0.8 \times$ average attainment value for PSO1 using direct method (from table 7)

+

$0.2 \times$ average response of outgoing students for PSO1

Similarly overall attainment value can be obtained for each PSO.

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

At the end of my degree program I am able to:

	Please tick any one		
Understand the interior of Earth using latest Geophysical knowledge pertaining to various sub-fields within the discipline of Applied Geophysics.	3	2	1
Gain analytical ability, research aptitude and relevant skills useful for professional life.	3	2	1
To demonstrate and communicate Geophysical knowledge, understanding of Geophysical techniques/principles and apply the same to solve geophysical problems relevant	3	2	1

to society.			
Learn the techniques of data acquisition, data processing and data interpretation for Geophysical methods and their applications for the benefit of society.	3	2	1
3: Strongly Agree; 2: Agree; 1: Average			

Overall PSO attainment values can be written as shown in Table 9:

Table 9: Overall PSO attainment Values

	PSO1	PSO2	PSO3	PSO4
Direct PSO attainment				
Indirect PSO attainment				
Overall PSO attainment				
Target	2	2	2	2

The overall PSO attainment values obtained above are compared with set target. The set target for each PSO may be different and can be finalized by the staff councils of the departments/institutes. If overall PSO attainment value is less than the set target value then an action plan may be prepared for improvement in the subsequent academic session.

Kurukshetra University, Kurukshetra
(Established by the State Legislature Act XII of 1956)
(‘A+’ Grade, NAAC Accredited)



Scheme of Examination

B.Sc. (General)
Subject: Geology

Under

Choice Based Credit System (CBCS-LOCF)
w.e.f. session 2020-21 (in phased manner)

CBCS CURRICULUM (2020-21)

Program Name: B. Sc. with Geology

(For the Batches Admitted From 2020-2021)

VISION

Be globally acknowledged as a distinguished centre of academic excellence.

MISSION

To prepare a class of proficient scholars and professionals with ingrained human values and commitment to expand the frontiers of knowledge for the advancement of society.

DEPARTMENT VISION AND MISSION

VISION

- To become a model department which imparts quality education, research with innovation and recognition at National and International level for serving the society.

MISSION

- **M1:** To provide quality education to aspiring young minds for improving their skills, inculcating values, creating leadership qualities and enhancing research with innovative methods.
- **M2:** To produce young geologists who would contribute in the areas of higher education, regional and national planning, development, environment, ethics and sustainable environment development.
- **M3:** To develop Teaching-Learning methods which can produce socially committed professionals who contribute effectively in nation building.

Mapping of University Vision and Mission to Department Vision and Mission

Acclaimed as modal Centre of Learning and Research by

University Vision and Mission	Department Vision and Mission
High quality knowledge delivery through state of art infrastructure and ethical values to the students	Yes
Students excellence will make them professionals and innovators emerging as national and global leaders	Yes
Research and development will help in furtherance of faculty knowledge	Yes

Program Outcomes (PO) with Graduate Attributes

Programme outcomes are attributes of the graduates from the programme that are indicative of the graduates' ability and competence to work after being a qualified Geologist upon graduation. Program outcomes are statements that describe what students are expected to know or do by the time of graduation, they must relate to knowledge and skills that the students acquire from the programme. The achievement of all outcomes indicates that the student is well prepared to achieve the program educational objectives down the road. The department of geology has the following eleven PO's. The course syllabi and the overall curriculum have been designed to achieve these outcomes:

Program Outcomes (PO) for Under Graduate Programs (CBCS) in the Faculty of Sciences, Kurukshetra University, Kurukshetra

PO1	Knowledge	Capable of demonstrating comprehensive disciplinary knowledge gained during course of study
PO2	Communication	Ability to communicate effectively on general and scientific topics with the scientific community and with society at large
PO3	Problem Solving	Capability of applying knowledge to solve scientific and other problems
PO4	Individual and Team Work	Capable to learn and work effectively as an individual, and as a member or leader in diverse teams, in multidisciplinary settings.
PO5	Investigation of Problems	Ability of critical thinking, analytical reasoning and research-based knowledge including design of experiments, analysis and interpretation of data to provide conclusions
PO6	Modern Tool usage	Ability to use and learn techniques, skills and modern tools for scientific practices
PO7	Science and Society	Ability to apply reasoning to assess the different issues related to society and the consequent responsibilities relevant to the professional scientific practices
PO8	Life-Long Learning	Aptitude to apply knowledge and skills that are necessary for participating in learning activities throughout the life
PO9	Environment and Sustainability	Ability to design and develop modern systems which are environmentally sensitive and to understand the importance of sustainable development.
PO10	Ethics	Apply ethical principles and professional responsibilities in

		scientific practices
PO11	Project Management	Ability to demonstrate knowledge and understanding of the scientific principles and apply these to manage projects

Program Specific Outcomes (PSO's):

- **PSO1:** Basic understanding of fundamental concepts of geology and applying it on the various natural processes occurring on and inside the earth as a whole system.
- **PSO2:** Clearly formulate and solve real life challenges with respect to human environment interactions.
- **PSO3:** Applications of fundamental principles of geology in finding out various minerals and other natural resources for the betterment of human society.
- **PSO4:** Acquisition of skills to effectively communicate the knowledge of geology to the society for safeguarding the physical environment.

Scheme of Examination, B.Sc. (General)

Under (CBCS-LOCF) w.e.f. session 2020-21 (in phased manner)

Subject: Geology

Semester	Course	Paper(s)		Credits	Workload/ hours per week	Internal marks	External Marks	Total	Exam Duration
I	CC- Geology-I	B-GGY-101		3	3	15	60	75	3 hrs.
		B-GGY -102		3	3	15	60	75	3 hrs.
		B-GGY -103 (Practical)		2	4	10	40	50	3 hrs.
II	CC- Geology-II	B-GGY -201		3	3	15	60	75	3 hrs.
		B-GGY -202		3	3	15	60	75	3 hrs.
		B-GGY -203 (Practical)		2	4	10	40	50	3 hrs.
III	CC- Geology-III	B-GGY -301		3	3	15	60	75	3 hrs.
		B-GGY -302		3	3	15	60	75	3 hrs.
		B-GGY -303 (Practical)		2	4	10	40	50	3hrs.
IV	CC- Geology-IV	B-GGY -401		3	3	15	60	75	3 hrs.
		B-GGY -402		3	3	15	60	75	3 hrs.
		B-GGY -403 (Practical)		2	4	10	40	50	3 hrs.
	SEC- Geology	B-GGY-404		2	2	15	60	75	3 hrs.
V	DSE-I Geology Opt either 501, 502,503 or 504, 505, 506	B-GGY -501	B-GGY - 504	2	2	15	60	75	3 hrs.
		B-GGY -502	B-GGY -505	2	2	15	60	75	3 hrs.
		B-GGY- 503 (Practical)	B-GGY- 506 (Practical)	2	4	10	40	50	3 hrs.
VI	DSE-II Geology-II Opt either 601, 602,603 or 604, 605, 606	B-GGY- 601	B-GGY- 604	2	2	15	60	75	3 hrs.
		B-GGY- 602	B-GGY- 605	2	2	15	60	75	3 hrs.
		B-GGY- 603 (Practical)	B-GGY- 606 (Practical)	2	4	10	40	50	3 hrs.

Nomenclature of Papers B.Sc. (General)

Subject: Geology

Semester	Course	Paper(s)	Nomenclature of Paper(s)
I	CC- Geology-I	B-GGY-101	Physical Geology and Geomorphology
		B-GGY -102	Structural Geology
		B-GGY -103	Geology Practical Based on B-GGY-101 & B-GGY-102
II	CC- Geology-II	B-GGY -201	Crystallography & Mineral Optics
		B-GGY -202	Mineralogy
		B-GGY -203	Geology Practical Based on B-GGY-201 & B-GGY-202
III	CC- Geology-III	B-GGY -301	Palaeontology
		B-GGY -302	Stratigraphy
		B-GGY -303	Geology Practical Based on B-GGY-301 & B-GGY-302
IV	CC- Geology-IV	B-GGY -401	Igneous and Metamorphic Petrology
		B-GGY -402	Sedimentology
		B-GGY -403	Geology Practical Based on B-GGY-401 & B-GGY-402
	SEC-Geology	B-GGY-404	Field Techniques in Geology
V	DSE-I Geology	B-GGY- 501	Economic Geology
		B-GGY-502	Exploration Geology & Remote Sensing
		B-GGY-503	Geology Practical Based on B-GGY-501 & B-GGY-502
		OR	
	DSE-I Geology	B-GGY- 504	Natural Hazards
		B-GGY-505	Environmental Geology
		B-GGY- 506	Geology Practical Based on B-GGY-501 & B-GGY-502
VI	DSE-II Geology	B-GGY- 601	Engineering Geology & Mining Geology
		B-GGY- 602	Hydrogeology
		B-GGY- 603	Geology Practical Based on B-GGY-601 & B-GGY-602
		OR	
	DSE-II Geology	B-GGY- 604	Oceanography
		B-GGY- 605	Climatology
		B-GGY- 606	Geology Practical Based on B-GGY-604 & B-GGY-605

B.Sc. with GEOLOGY I SEMESTER

B-GGY-101 Physical Geology & Geomorphology

Credits: 3
Total Marks: 75
External Marks: 60
Examination Time: 3h

Course Outcomes (COs):

B-GGY-101.1: Provides understanding about various geological aspects and its relation with mankind.

B-GGY-101.2: Understanding about the processes taking place inside the earth.

B-GGY-101.3: Understanding of the surface geological processes and their effect on mankind and environment.

B-GGY-101.4: Enhancement of knowledge about changes on the earth's surface by knowing various geomorphological processes.

Note for Paper Setters: Question 1 is compulsory comprising short answer questions spread over the entire syllabus, to be answered in 15-20 words. In addition to Question No. 1, there will be eight questions, two from each unit. A candidate has to answer four questions, selecting at least one question from each unit. All questions carry equal marks.

Unit I

Significance of Geology to mankind; Geology and its branches - their interrelationship; solar system, theories of origin of earth, shape and size of earth, its relief features, interior of earth, meteorites and age of earth.

Unit II

Volcanoes - their types, products and causes; earthquakes - seismic waves, intensity scale, damage to life and property, causes; continental drift - Wegner's concept, continental fit and evidence. Elementary ideas about sea floor spreading and plate tectonics.

Unit III

Basic concepts of geomorphology; weathering - physical, chemical and biological; soil profile and soil formation; mass wasting and drainage patterns.

Unit IV

Erosional and depositional features of fluvial, arid and glacial geomorphic cycles; cycle concept in geomorphology, peneplanation, uplift and rejuvenation.

BOOKS RECOMMENDED

Principles of Physical Geology- A. Holmes

Principles of Geomorphology- W.D. Thornbury

Geomorphology- V.K. Sharma

Plate Tectonics and Crustal Evolution- K.C. Condie

Aspects of Tectonics- K.S. Valdiya

Essentials of Earth Science- Kelvin

Mapping of Course Outcomes to Program Outcomes

COs/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
B-GGY-101.1	3.0	3.0	2.0	1.0	3.0	1.0	3.0	3.0	3.0	2.0	2.0
B-GGY-101.2	3.0	3.0	3.0	2.0	3.0	2.0	2.0	3.0	3.0	1.0	2.0
B-GGY-101.3	3.0	3.0	2.0	2.0	3.0	1.0	2.0	3.0	2.0	1.0	3.0
B-GGY-101.4	3.0	3.0	3.0	2.0	3.0	3.0	3.0	3.0	3.0	2.0	3.0
Average	3.0	3.0	2.5	1.8	3.0	1.8	2.5	3.0	2.8	1.5	2.5

Mapping of Course Outcomes to Program Specific Outcomes

COs/PSOs	PSO1	PSO2	PSO3	PSO4
B-GGY-101.1	3.0	3.0	2.0	3.0
B-GGY-101.2	3.0	3.0	2.0	2.0
B-GGY-101.3	3.0	3.0	3.0	2.0
B-GGY-101.4	3.0	3.0	3.0	3.0
Average	3.0	3.0	2.5	2.5

B.Sc. with GEOLOGY I SEMESTER

B-GGY - 102
Structural Geology

Credits: 3
Total Marks: 75
External Marks: 60
Examination Time: 3h

Course Outcomes (COs):

B-GGY-102.1: Provides understanding about basics of structural geology.

B-GGY-102.2: Understanding about the processes of folding of the strata and their identification in the field.

B-GGY-102.3: Understanding the mechanism of faulting of strata and their identification in the field.

B-GGY-102.4: Understanding the mechanism of joints on the earth's features and their identification in the field.

Note for Paper Setters: Question 1 is compulsory comprising short answer questions spread over the entire syllabus, to be answered in 15-20 words. In addition to Question No. 1, there will be eight questions, two from each unit. A candidate has to answer four questions, selecting at least one question from each unit. All questions carry equal marks.

Unit I

Elements of structural geology-attitude of beds, strike and dip; deformation of rocks - force, stress, strain and rupture; elastic and plastic deformations.

Unit II

Folds, their morphology, genetic and geometric classification, recognition of folds on maps and in the field.

Unit III

Faults, their geometric and genetic classification, recognition of faults on maps and in the field.

Unit IV

Joints and their classification; unconformity, its types and recognition in the field & maps.

BOOKS RECOMMENDED

Structural Geology -M.P. Billing

Foundation of Structural Geology -R.G. Park

Principles of Structural Geology -G.M. Mevin

Theory of Structural Geology- N.W. Gokhale

The Techniques of Modern Structural Geology-John G. Ramsay

Mapping of Course Outcomes to Program Outcomes

COs/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
B-GGY-102.1	3.0	3.0	2.0	2.0	3.0	1.0	3.0	3.0	2.0	2.0	2.0
B-GGY-102.2	3.0	2.0	3.0	2.0	3.0	2.0	2.0	3.0	3.0	1.0	3.0
B-GGY-102.3	3.0	2.0	2.0	2.0	3.0	1.0	2.0	3.0	3.0	1.0	3.0
B-GGY-102.4	3.0	2.0	3.0	2.0	3.0	3.0	3.0	3.0	3.0	2.0	3.0
Average	3.0	2.5	2.5	2.0	3.0	1.8	2.5	3.0	2.8	1.5	2.8

Mapping of Course Outcomes to Program Specific Outcomes

COs/PSOs	PSO1	PSO2	PSO3	PSO4
B-GGY-102.1	3.0	2.0	2.0	3.0
B-GGY-102.2	3.0	3.0	2.0	2.0
B-GGY-102.3	3.0	3.0	3.0	2.0
B-GGY-102.4	3.0	3.0	3.0	2.0
Average	3.0	2.8	2.5	2.8

B.Sc. with GEOLOGY I SEMESTER

B-GGY – 103 Practical

Credits: 2

Total Marks: 50

External Assessment Marks: 40

Internal Assessment Marks: 10

Examination Time: 3h

Practical exercises based on B-GGY- 101 (Physical Geology and Geomorphology) and B-GGY- 102 (Structural Geology).

Distribution of Marks for Evaluation

Exercise	= 24
File Record	= 08
Viva-voce	= 08

B.Sc. with GEOLOGY II SEMESTER
B-GGY - 201
Crystallography and Mineral optics

Credits: 3
Total Marks: 75
External Marks: 60
Examination Time: 3h

Course Outcomes (COs):

B-GGY-201.1: Understanding of the crystal systems.

B-GGY-201.2: Applying the crystal knowledge on various minerals found on the earth.

B-GGY-201.3: Understanding of crystal optics.

B-GGY-201.4: Studying optical properties of various minerals, hence using the above information for better identification of minerals

Note for Paper Setters: Question 1 is compulsory comprising short answer questions spread over the entire syllabus, to be answered in 15-20 words. In addition to Question No. 1, there will be eight questions, two from each unit. A candidate has to answer four questions, selecting at least one question from each unit. All questions carry equal marks.

Unit I

Crystals - definition, forms, faces, edges, solid angles; elements of symmetry - axes, planes & center; parameter system of Weiss, Index system of Miller.

Unit II

Study of crystal forms of normal classes of all seven crystal systems; twinning - its types and examples.

Unit III

Principles of optics, reflection, refraction, pleochroism, polarization of light, nicol prism, construction and working of petrological microscopes.

Unit IV

Optical properties of common rock forming minerals; extinction angle; use of optical accessories - mica plate, gypsum plates and quartz wedge.

BOOKS RECOMMENDED

Rutley's Elements of Mineralogy- H.H. Read

Dana's TextBook of Mineralogy- W.E. Ford

Mineralogy Berry & Mason Mineralogy for Students- M.I. Batty

Optical Mineralogy- E.E. Wahlstrom

Optical Mineralogy- P.F. Kerr

Elements of Optical Mineralogy- A.N. Winchell

Mapping of Course Outcomes to Program Outcomes

COs/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
B-GGY-201.1	3.0	2.0	2.0	1.0	3.0	1.0	3.0	3.0	2.0	1.0	2.0
B-GGY-201.2	3.0	2.0	3.0	2.0	3.0	2.0	2.0	3.0	3.0	2.0	2.0
B-GGY-201.3	3.0	2.0	2.0	2.0	3.0	1.0	2.0	3.0	2.0	1.0	3.0
B-GGY-201.4	3.0	2.0	3.0	2.0	3.0	3.0	3.0	3.0	3.0	2.0	3.0
Average	3.0	2.0	2.5	1.8	3.0	1.8	2.5	3.0	2.5	1.5	2.5

Mapping of Course Outcomes to Program Specific Outcomes

COs/PSOs	PSO1	PSO2	PSO3	PSO4
B-GGY-201.1	3.0	2.0	3.0	3.0
B-GGY-201.2	3.0	2.0	3.0	2.0
B-GGY-201.3	3.0	3.0	3.0	2.0
B-GGY-201.4	3.0	3.0	3.0	3.0
Average	3.0	2.5	3.0	2.5

B.Sc. with GEOLOGY II SEMESTER**B-GGY – 202 Mineralogy****Credits: 3****Total Marks: 75****External Marks: 60****Examination Time: 3h****Course Outcomes (COs):****B-GGY-202.1:** Learning about minerals**B-GGY-202.2:** Understanding various properties of silica minerals and their economic importance**B-GGY-202.3:** Application of properties and economic uses of various mafic minerals.**B-GGY-202.4:** Application of properties and economic uses of various clay minerals.

Note for Paper Setters: Question 1 is compulsory comprising short answer questions spread over the entire syllabus, to be answered in 15-20 words. In addition to Question No. 1, there will be eight questions, two from each unit. A candidate has to answer four questions, selecting at least one question from each unit. All questions carry equal marks.

Unit I

Mineral - definition; types of bonding, isomorphism, polymorphism, pseudomorphism; classification of minerals; physical and chemical properties of minerals.

Unit II

Study of physical, chemical and optical properties of quartz and feldspar group of minerals.

Unit III

Study of physical, chemical and optical properties of amphibole, pyroxene and mica group of minerals.

Unit IV

Study of physical, chemical and optical properties of kyanite, sillimanite, epidote, fluorite, tourmaline, beryl, zircon, corundum and diamond.

BOOKS RECOMMENDED

Rutley's Elements of Mineralogy- H.H. Read

Dana's Textbook of Mineralogy-W.E. Ford

Mineralogy- Berry & Mason

Mineralogy for students- M.I. Batty

Optical Mineralogy- E.E. Wahlstrom

Optical Mineralogy- P.F. Kerr

Elements of Optical Mineralogy- A.N. Winchell

Mapping of Course Outcomes to Program Outcomes

COs/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
B-GGY-202.1	3.0	2.0	2.0	1.0	3.0	1.0	3.0	3.0	2.0	2.0	2.0
B-GGY-202.2	3.0	3.0	3.0	2.0	3.0	2.0	2.0	3.0	3.0	1.0	2.0
B-GGY-202.3	3.0	2.0	2.0	2.0	3.0	1.0	2.0	3.0	2.0	1.0	3.0
B-GGY-202.4	3.0	3.0	3.0	2.0	3.0	3.0	3.0	3.0	3.0	2.0	3.0
Average	3.0	2.5	2.5	1.8	3.0	1.8	2.5	3.0	2.5	1.5	2.5

Mapping of Course Outcomes to Program Specific Outcomes

COs/PSOs	PSO1	PSO2	PSO3	PSO4
B-GGY-202.1	3.0	3.0	3.0	3.0
B-GGY-202.2	3.0	2.0	3.0	2.0
B-GGY-202.3	3.0	3.0	3.0	2.0
B-GGY-202.4	3.0	2.0	3.0	3.0
Average	3.0	2.5	3.0	2.5

B.Sc. with GEOLOGY II SEMESTER

B-GGY – 203 Practical

Credits: 2

Total Marks: 50

External Assessment Marks: 40

Internal Assessment Marks: 10

Examination: 3h

Practical exercises based on B-GGY- 201 (Crystallography and Mineral optics) and B-GGY- 202 (Mineralogy).

Distribution of Marks for Evaluation

Exercise = 24

File Record = 08

Viva-voce = 08

**B.Sc. with GEOLOGY III SEMESTER
B-GGY 301 PALAEOLOGY**

**Credits: 3
Total Marks: 75
External Marks: 60
Examination Time: 3h**

Course Outcomes (COs):

- B-GGY-301.1:** Understanding the concept of evolution by learning fossils.
B-GGY-301.2: Understanding the morphology of various important fossils
B-GGY-301.3: Understanding the vertebrate life.
B-GGY-301.4: Elementary idea about micropalaeontology and its application in the hydrocarbon industry.

Note for Paper Setters: Question 1 is compulsory comprising short answer questions spread over the entire syllabus, to be answered in 15-20 words. In addition to Question No. 1, there will be eight questions, two from each unit. A candidate has to answer four questions, selecting at least one question from each unit. All questions carry equal marks.

Unit I

Fossil, mode of preservation of fossils, condition of fossilization; organic evolution, theories of evolution – Lamarkism and Darwinism.

Unit II

Brief Introduction and Morphology to brachiopod, Trilobite and Mollusca (gastropod, cephalopod and pelecypod) and graptoloidea.

Unit III

Elementary idea of vertebrate life; evolution of horse and man; classification of plant kingdom and Gondwana flora; Morphology of Echinoids and their environmental significance.

Unit IV

Elementary idea of micropalaeontology and its scopes; Morphology of foraminifers and ostracodes; fossil spores and pollen.

Books recommended

1. Invertebrate palaeontology- H. Wood
2. Principles of Invertebrate Palaeontology- Shrock and Twenhoffel
3. Invertebrate fossils. Moore- Lalicker and Fisher
4. Evolution of vertebrates- E. A. Colbert
5. Microfossils- Brasier

Mapping of Course Outcomes to Program Outcomes

COs/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
B-GGY-301.1	3.0	1.0	2.0	3.0	3.0	1.0	3.0	3.0	3.0	2.0	2.0
B-GGY-301.2	3.0	3.0	3.0	2.0	3.0	2.0	2.0	3.0	2.0	2.0	2.0
B-GGY-301.3	3.0	2.0	2.0	2.0	3.0	1.0	2.0	3.0	2.0	2.0	3.0
B-GGY-301.4	3.0	3.0	3.0	2.0	3.0	3.0	3.0	3.0	3.0	2.0	3.0
Average	3.0	2.25	2.5	2.8	3.0	1.8	2.5	3.0	2.5	2.0	2.5

Mapping of Course Outcomes to Program Specific Outcomes

COs/PSOs	PSO1	PSO2	PSO3	PSO4
B-GGY-301.1	3.0	3.0	2.0	3.0
B-GGY-301.2	3.0	2.0	3.0	2.0
B-GGY-301.3	3.0	3.0	3.0	2.0
B-GGY-301.4	3.0	2.0	3.0	3.0
Average	3.0	2.5	2.8	2.5

**B.Sc. II with GEOLOGY III SEMESTER
B-GGY 302 STRATIGRAPHY**

Credits: 3
Total Marks: 75
External Marks: 60
Examination Time: 3h

Course Outcomes (COs):

B-GGY-302.1: Elementary idea of stratigraphy and correlation.

B-GGY-302.2: Understanding Precambrian stratigraphy and significance of depositional sequences.

B-GGY-302.3: Understanding Paleozoic stratigraphy and significance of depositional sequences.

B-GGY-302.4: Understanding Mesozoic stratigraphy and significance of depositional sequences.

Note for Paper Setters: Question 1 is compulsory comprising short answer questions spread over the entire syllabus, to be answered in 15-20 words. In addition to Question No. 1, there will be eight questions, two from each unit. A candidate has to answer four questions, selecting at least one question from each unit. All questions carry equal marks.

Unit I

Definition of stratigraphy, principles of stratigraphy, stratigraphic nomenclature– lithostratigraphic, biostratigraphic and chronostratigraphic classifications; geological time scale; principles of correlation.

Unit II

Precambrian stratigraphy: Dharwar, Singhbhum, Eastern Ghats, Aravalli, Cuddapah and Vindhya.

Unit III

Paleozoic stratigraphy of India with emphasis to Spiti basin, Gondwana sequence, Deccan traps

Unit IV

Mesozoic stratigraphy of India– Spiti, Rajasthan, Kutch and Tamil Nadu; Palaeogene, Neogene and Quaternary stratigraphic successions of India.

Books Recommended

1. Geology of India- D.N. Wadia
2. Geology of India and Burma- M.S. Krishnan
3. Fundamentals of Historical Geology and Stratigraphic of India- Ravindra Kumar
4. Principles of Stratigraphy- Dunbar and Rogers
5. Geology and Evolution of Indian Plate- S.M. Naqvi

Mapping of Course Outcomes to Program Outcomes

COs/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
B-GGY-302.1	3.0	1.0	2.0	1.0	3.0	1.0	3.0	3.0	1.0	2.0	2.0
B-GGY-302.2	3.0	2.0	3.0	2.0	3.0	2.0	2.0	3.0	3.0	1.0	2.0
B-GGY-302.3	3.0	1.0	2.0	2.0	3.0	1.0	2.0	3.0	2.0	2.0	3.0
B-GGY-302.4	3.0	3.0	3.0	2.0	3.0	3.0	3.0	3.0	3.0	2.0	3.0
Average	3.0	1.75	2.5	1.8	3.0	1.8	2.5	3.0	2.25	1.75	2.5

Mapping of Course Outcomes to Program Specific Outcomes

COs/PSOs	PSO1	PSO2	PSO3	PSO4
B-GGY-302.1	3.0	1.0	2.0	2.0
B-GGY-302.2	3.0	3.0	2.0	2.0
B-GGY-302.3	3.0	2.0	3.0	2.0
B-GGY-302.4	3.0	2.0	3.0	3.0
Average	3.0	2.0	2.5	2.25

B.Sc. with GEOLOGY III SEMESTER

B-GGY – 303 Practical

Credits :2

Total Marks: 50

External Assessment Marks: 40

Internal Assessment Marks: 10

Examination Time: 3h

Practical exercises based on B-GGY- 301 (PALAEONTOLOGY) and B-GGY- 302
STRATIGRAPHY).

Distribution of Marks for Evaluation

Exercise = 24

File Record = 08

Viva-voce = 08

Course Outcomes (COs):

B-GGY-401.1: Elementary idea about Magma and its composition, differentiation and Physical properties.

B-GGY-401.2: Learning about Phase rules, component systems and various igneous rocks.

B-GGY-401.3: Understanding about formation of various igneous rocks.

B-GGY-401.4: Getting the elementary idea of metamorphism and metamorphic rocks

Note for Paper Setters: Question 1 is compulsory comprising short answer questions spread over the entire syllabus, to be answered in 15-20 words. In addition to Question No. 1, there will be eight questions, two from each unit. A candidate has to answer four questions, selecting at least one question from each unit. All questions carry equal marks.

Unit I

Composition and types of magma; Physical properties of magma: temperature, viscosity and density; magmatic differentiation and assimilation; Bowen reaction series.

Unit II

Phase diagram and their uses in igneous and metamorphic petrology; Phase rule; one component system; two component systems; Congruent melting and Incongruent melting; Solid solution; Basics of ternary systems.

Unit III

Igneous Rocks- common igneous minerals, method of emplacement of igneous rocks, classification and texture of igneous rocks; Physical, petrographical and chemical properties of igneous rocks: Granite, Rhyolite, Pegmatite, Syenite, Diorite, Basalt and Dolerite.

Unit IV

Metamorphism– definition, scope, agents and types; Concept of grade, zone and facies of metamorphism; Structure and texture of metamorphic rocks; metamorphic differentiation.

Books recommended:

1. Principles of Petrology- G.W. Tyrrell
2. Petrology- Ehlers and Blatt
3. Petrology of Igneous and Metamorphic Rocks- Best
4. Igneous and Metamorphic Petrology- Turner and Verhoogen
5. Petrology of Igneous Rocks- Hatch, Wells and Wells
6. Petrology of Igneous and Metamorphic Rocks of India- Chatterjee
7. Petrography Williams- Turner and Gilbert
8. The Studies of Rocks in Thin Section- Moor House

Mapping of Course Outcomes to Program Outcomes

COs/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
B-GGY-401.1	1.0	2.0	2.0	1.0	3.0	1.0	3.0	3.0	3.0	2.0	2.0
B-GGY-401.2	3.0	1.0	3.0	2.0	3.0	2.0	2.0	3.0	3.0	1.0	2.0
B-GGY-401.3	2.0	3.0	2.0	2.0	3.0	1.0	2.0	3.0	2.0	1.0	3.0
B-GGY-401.4	3.0	3.0	3.0	2.0	3.0	3.0	3.0	3.0	3.0	2.0	3.0
Average	2.25	2.25	2.5	1.8	3.0	1.8	2.5	3.0	2.8	1.5	2.5

Mapping of Course Outcomes to Program Specific Outcomes

COs/PSOs	PSO1	PSO2	PSO3	PSO4
B-GGY-401.1	3.0	1.0	2.0	3.0
B-GGY-401.2	2.0	3.0	3.0	3.0
B-GGY-401.3	3.0	3.0	3.0	2.0
B-GGY-401.4	3.0	2.0	3.0	3.0
Average	2.8	2.25	2.75	2.75

**B.Sc. with GEOLOGY IV SEMESTER
B-GGY-402 SEDIMENTOLOGY**

**Credits: 3
Total Marks: 75
External Marks: 60
Examination Time: 3h**

Course Outcomes (COs):

B-GGY-402.1: Understanding the concept of sedimentation, origin of sedimentary rocks and their grain size relations.

B-GGY-402.2: Understanding of properties of sedimentary rocks, their structures and various types of sands.

B-GGY-402.3: Studying types of sedimentary rocks, their classification and significance.

B-GGY-402.4: Understanding Heavy minerals and their role in various research aspects.

Note for Paper Setters: Question 1 is compulsory comprising six sub parts spread over the entire syllabus (two marks for each sub part), to be answered in 15-20 words. There will be eight long questions, two from each unit. The candidate has to answer four long questions, at least one question from each unit. All questions carry equal marks.

Unit I

Origin of sediments and sedimentary rocks; concept of size of sediments, descriptive size terms, size classification; shape and roundness of sediment grains; packing of grains.

Unit II

Porosity, permeability, oolites, sperulites. Bedding - its significance. Sedimentary structures - primary, secondary and organic. Shoestring sands, wedge shaped sands, sheet sands, sedimentary dykes and sills, reefs and mud mounds.

Unit III

Gravels, Conglomerates - their classification and significance; Sandstones -their mineralogy and classification into arenites, wackes and mudstones. Matrix -its types; greensands, placer sands.

Unit IV

Shales, marls and limestones; Heavy minerals - definition, methods of separation and their significance, provenance of sediments; lithification and diagenesis of sediments.

Books recommended:

1. Sedimentary Rocks - F.J. Pettijohn
2. Petrology of Sedimentary Rocks- J. T. Greensmith
3. Sedimentary Rocks - Prothero and Schwab
4. Sedimentology and Stratigraphy - Gary Nichols
5. Principles of Sedimentology and Stratigraphy - Sam Boggs
6. Sedimentology - McLane

Mapping of Course Outcomes to Program Outcomes

COs/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
B-GGY-402.1	3.0	2.0	2.0	1.0	3.0	1.0	3.0	3.0	3.0	2.0	2.0
B-GGY-402.2	3.0	3.0	3.0	2.0	3.0	2.0	2.0	3.0	3.0	2.0	2.0
B-GGY-402.3	2.0	3.0	2.0	2.0	3.0	1.0	2.0	3.0	2.0	1.0	1.0
B-GGY-402.4	3.0	3.0	3.0	2.0	3.0	3.0	3.0	3.0	3.0	2.0	3.0
Average	2.8	2.8	2.5	1.8	3.0	1.8	2.5	3.0	2.8	1.75	1.5

Mapping of Course Outcomes to Program Specific Outcomes

COs/PSOs	PSO1	PSO2	PSO3	PSO4
B-GGY-402.1	3.0	3.0	2.0	3.0
B-GGY-402.2	3.0	3.0	2.0	2.0
B-GGY-402.3	3.0	3.0	3.0	2.0
B-GGY-402.4	3.0	3.0	3.0	3.0
Average	3.0	3.0	2.5	2.5

B.Sc. with GEOLOGY IV SEMESTER

B-GGY – 403 Practical

Credits: 2

Total Marks: 50

External Assessment Marks: 40

Internal Assessment Marks: 10

Examination Time: 3h

Practical exercises based on B-GGY- 401 (IGNEOUS AND METAMORPHIC PETROLOGY) and B-GGY- 402 (SEDIMENTOLOGY).

Distribution of Marks for Evaluation

Exercise = 24

File Record = 08

Viva-voce = 08

B.Sc. with GEOLOGY IV SEMESTER
B-GGY-404 Field Techniques in Geology

Credits: 3
Total Marks: 75
External Marks: 60
Examination Time: 3h

Course Outcomes (COs):

B-GGY-402.1: Learning of basic idea of field equipment.

B-GGY-402.2: Elementary Idea about field work

B-GGY-402.3: Studying types of out crops present in the field

B-GGY-402.4: Learning about drawing of a geological section.

Note for Paper Setters: Question 1 is compulsory comprising short answer questions spread over the entire syllabus, to be answered in 15-20 words. In addition to Question No. 1, there will be eight questions, two from each unit. A candidate has to answer four questions, selecting at least one question from each unit. All questions carry equal marks.

Unit I

Field equipment and their uses: Topographic maps, contour Maps, compass, Hammer, Altimeter, Measuring Tape, Field notebook.

Unit II

Methods of field work: Preliminary survey, geological mapping, sample collection, laboratory work, writing a report.

Unit III

Field outcrop patterns and geologic structures: Horizontal ground, undulating ground: Horizontal beds, inclined beds, Vertical beds.

Unit IV

Drawing the geological cross sections: contour lines, structural attitude of data, Thickness of each formation; determination of dip and Strike.

Books recommended:

1. A Guide To Field Geology- N.W. Gokhale
2. Field Geology-F.H. Lahee
3. Guide to Field Geology- S.M. Mathur
4. Manual of Field Geology- Robert R. Compton

Mapping of Course Outcomes to Program Outcomes

COs/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
B-GGY-402.1	3.0	2.0	2.0	1.0	3.0	1.0	3.0	3.0	3.0	2.0	2.0
B-GGY-402.2	3.0	3.0	3.0	2.0	3.0	2.0	2.0	3.0	3.0	2.0	2.0
B-GGY-402.3	2.0	3.0	2.0	2.0	3.0	1.0	2.0	3.0	2.0	1.0	1.0
B-GGY-402.4	3.0	3.0	3.0	2.0	3.0	3.0	3.0	3.0	3.0	2.0	3.0
Average	2.8	2.8	2.5	1.8	3.0	1.8	2.5	3.0	2.8	1.75	1.5

Mapping of Course Outcomes to Program Specific Outcomes

COs/PSOs	PSO1	PSO2	PSO3	PSO4
B-GGY-402.1	3.0	3.0	2.0	3.0
B-GGY-402.2	3.0	3.0	2.0	2.0
B-GGY-402.3	3.0	3.0	3.0	2.0
B-GGY-402.4	3.0	3.0	3.0	3.0
Average	3.0	3.0	2.5	2.5

B.Sc. with GEOLOGY V SEMESTER
B- GEO-501 Economic Geology

Credits: 3
Total Marks: 75
External Marks: 60
Examination Time: 3h

Course Outcomes (COs):

- B-GGY-501.1:** Elementary idea of ore forming processes.
B-GGY-501.2: learning about economically important base metals
B-GGY-501.3: Learning about occurrence and origin of petroleum
B-GGY-501.4: Learning about occurrence and origin of coal.

Note for Paper Setters: Question 1 is compulsory comprising short answer questions spread over the entire syllabus, to be answered in 15-20 words. In addition to Question No. 1, there will be eight questions, two from each unit. A candidate has to answer four questions, selecting at least one question from each unit. All questions carry equal marks.

Unit-I

Elementary concept of the following ore forming processes: magmatic, hydrothermal, sedimentary, residual and mechanical concentration, oxidation and supergene enrichment.

Unit -II

The study of physical properties and uses of the ores of the following with reference to Indian occurrences: Iron, manganese, aluminum, copper, lead, zinc, tin, tungsten, molybdenum, uranium thorium, chromium, nickel, cobalt, antimony, gold, silver and platinum.

Unit-III

Petroleum: composition, origin, migration (primary and secondary), accumulation of petroleum and geological occurrences in India.

Unit-IV

Coal: Formation of coal, types of coal, gasification, liquefaction, uses of coal and geological occurrences in India.

Books recommended:

1. India's Mineral Resources- S. Krishnaswami
2. Industrial Mineral and Rocks of India- S. Deb
3. Economic Mineral Deposits- A.M. Bateman
4. Ore Deposits of India- Gokhale and Rao
5. Geology and Mineral Deposits- Smirnov

Mapping of Course Outcomes to Program Outcomes

COs/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
B-GGY-501.1	3.0	2.0	2.0	1.0	3.0	1.0	3.0	3.0	3.0	2.0	2.0
B-GGY-501.2	1.0	3.0	3.0	2.0	3.0	2.0	2.0	3.0	3.0	1.0	2.0
B-GGY-501.3	2.0	3.0	2.0	2.0	3.0	1.0	2.0	3.0	2.0	1.0	3.0
B-GGY-501.4	3.0	1.0	3.0	2.0	3.0	3.0	3.0	3.0	3.0	2.0	3.0
Average	2.25	2.25	2.5	1.8	3.0	1.8	2.5	3.0	2.8	1.5	2.5

Mapping of Course Outcomes to Program Specific Outcomes

COs/PSOs	PSO1	PSO2	PSO3	PSO4
B-GGY-501.1	3.0	3.0	2.0	3.0
B-GGY-501.2	2.0	1.0	2.0	2.0
B-GGY-501.3	3.0	3.0	3.0	2.0
B-GGY-501.4	3.0	1.0	3.0	3.0
Average	2.75	2.0	2.5	2.5

B.Sc. with GEOLOGY V SEMESTER
B-GGY-502 Exploration Geology & Remote Sensing

Credits: 3
Total Marks: 75
External Marks: 60
Examination Time: 3h

Course Outcomes (COs):

B-GGY-502.1: Learning about indications of economic minerals ore deposits.

B-GGY-502.2: Elementary idea of sampling

B-GGY-502.3: Learning basics of Remote sensing.

B-GGY-502.4: Learning Remote Sensing characteristics, aerial photographs and their uses in Geology.

Note for Paper Setters: Question 1 is compulsory comprising short answer questions spread over the entire syllabus, to be answered in 15-20 words. In addition to Question No. 1, there will be eight questions, two from each unit. A candidate has to answer four questions, selecting at least one question from each unit. All questions carry equal marks.

Unit-I

Surface expression and indications of economic deposits; old working, gossans and cap rocks; geobotanical guides.

Unit-II

Techniques of surface and subsurface sampling (pitting, trenching, drilling) and delineation of anomalies with typical examples. Elementary idea of geophysical investigation - resistivity surveys, Schlumberger and Wenner configuration.

Unit-III

Remote sensing - concept; sources of remote sensing information; electromagnetic energy and spectrum; remote sensing platforms; Atmospheric effects - absorption bands; scale, brightness and tone, contrast ratio, spatial resolution and resolving power; detectability, recognizability, signature, texture and interpretation key.

Unit-IV

Atmospheric scattering; ground resolution; photographic scale; relief displacement, vertical exaggeration, Aerial photographs - their types and uses.

Books recommended:

1. Mining Geology- R.M. Arogyaswamy
2. Practical Manual of Exploration and Prospecting- S.K. Babu
3. Principles and Practical of Mineral Exploration- D.K. Sinha
4. Elements of Prospecting and Bagchi Exploration- Sen Gupta and Rao
5. Remote sensing - Principles and interpretation - Floyd F. Sabins
6. Remote Sensing Geology - R.P. Gupta

Mapping of Course Outcomes to Program Outcomes

COs/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
B-GGY-502.1	3.0	3.0	2.0	1.0	3.0	1.0	3.0	3.0	3.0	2.0	3.0
B-GGY-502.2	3.0	3.0	3.0	2.0	3.0	1.0	2.0	3.0	3.0	1.0	2.0
B-GGY-502.3	3.0	3.0	2.0	2.0	3.0	2.0	2.0	3.0	2.0	1.0	3.0
B-GGY-502.4	3.0	3.0	3.0	2.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0
Average	3.0	3.0	2.5	1.8	3.0	1.8	2.5	3.0	2.8	1.5	2.5

Mapping of Course Outcomes to Program Specific Outcomes

COs/PSOs	PSO1	PSO2	PSO3	PSO4
B-GGY-502.1	3.0	3.0	2.0	3.0
B-GGY-502.2	3.0	3.0	2.0	3.0
B-GGY-502.3	3.0	2.0	3.0	2.0
B-GGY-502.4	3.0	3.0	3.0	3.0
Average	3.0	2.8	2.5	2.8

B.Sc. with GEOLOGY V SEMESTER

B-GGY – 503 Practical

Credits: 2

Total Marks: 50

External Assessment Marks: 40

Internal Assessment Marks: 10

Examination Time: 3h

Practical exercises based on B-GGY- 501 (Economic Geology) and B-GGY- 502 (Exploration Geology & Remote Sensing).

Distribution of Marks for Evaluation

Exercise = 24

File Record = 08

Viva-voce = 08

B.Sc. with GEOLOGY V SEMESTER
B-GGY-504 Natural Hazards

Credits: 3
Total Marks: 75
External Marks: 60
Examination Time: 3h

Course Outcomes (COs):

B-GGY-504.1: Elementary idea about natural hazards, their impact on the society and economy and disaster management.

B-GGY-504.2: Knowledge about Earthquakes and their management plan.

B-GGY-504.3: Knowledge about Landslides, Coastal Hazards, their mitigation and action plan.

B-GGY-504.4: Knowledge about Floods, Droughts, prevention and action plan.

Note for Paper Setters: Question 1 is compulsory comprising short answer questions spread over the entire syllabus, to be answered in 15-20 words. In addition to Question No. 1, there will be eight questions, two from each unit. A candidate has to answer four questions, selecting at least one question from each unit. All questions carry equal marks.

Unit-I

Introduction to Hazards and Disasters; Types of Hazards: Natural and Manmade; Socio-economic impact of natural hazards. Disaster management: introduction and principles; Elements of disaster management.

Unit-II

Earthquakes: Introduction, Causes, Intensity scales; Actions to be taken before, during and after Earthquake.

Unit-III

Landslides: definition, types, causes and prevention; Do's and don'ts in case of slope failure; Coastal Hazards: types, causes and remedies.

Unit-IV

Floods: Introduction, Causes and mitigation; Actions to be taken before, during and after Floods; Drought: characteristics, causes and prevention.

Books recommended:

1. Engineering Geology- Krynine and Judd WR
2. Applied Geomorphology- Thornbury
3. Environmental geosciences- Keller, EA
4. Natural Hazard Risk Assessment and Public Policy- WJ Petak and Atkinson.
5. Natural Disasters and Mitigation- P.S Roy, C.J Van Western, V.J. Jha.

Mapping of Course Outcomes to Program Outcomes

COs/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
B-GGY-504.1	3.0	3.0	2.0	2.0	3.0	1.0	3.0	3.0	3.0	2.0	2.0
B-GGY-504.2	2.0	3.0	3.0	2.0	3.0	1.0	2.0	3.0	3.0	1.0	2.0
B-GGY-504.3	3.0	3.0	2.0	2.0	3.0	1.0	2.0	3.0	2.0	1.0	3.0
B-GGY-504.4	1.0	3.0	3.0	2.0	3.0	3.0	3.0	3.0	3.0	2.0	3.0
Average	2.25	3.0	2.5	2.0	3.0	1.5	2.5	3.0	2.8	1.5	2.5

Mapping of Course Outcomes to Program Specific Outcomes

COs/PSOs	PSO1	PSO2	PSO3	PSO4
B-GGY-504.1	3.0	3.0	3.0	3.0
B-GGY-504.2	3.0	3.0	1.0	3.0
B-GGY-504.3	2.0	3.0	3.0	2.0
B-GGY-504.4	3.0	3.0	3.0	2.0
Average	2.8	3.0	2.5	2.5

B.Sc. with GEOLOGY V SEMESTER**B-GGY-505 Environmental Geology****Credits: 3****Total Marks: 75****External Marks: 60****Examination Time: 3h****Course Outcomes (COs):****B-GGY-505.1:** Elementary idea about environmental geology.**B-GGY-505.2:** Learning of impact of hazards and anthropogenic activity on mining, and energy resources..**B-GGY-505.3:** Idea about various geological cycles and climate change.**B-GGY-505.4:** Learning about various pollution and their causes.

Note for Paper Setters: Question 1 is compulsory comprising short answer questions spread over the entire syllabus, to be answered in 15-20 words. In addition to Question No. 1, there will be eight questions, two from each unit. A candidate has to answer four questions, selecting at least one question from each unit. All questions carry equal marks.

Unit-I

Introduction to environmental geology, its fundamental concepts, and scope; Environmental ethics; Concepts ecosystem on earth (atmosphere, hydrosphere, lithosphere and biosphere)

Unit-II

Soil erosion; land resources vs natural hazards; depletion of water resources: causes and impact; Renewable and non- renewable sources of energy.

Unit-III

Concepts of geological cycles: hydrological cycle, carbon cycle; increasing CO₂ trend and greenhouse gases; concept of climate change. Impact of mining on the environment.

Unit-IV

Pollution: Water and Land; Waste: introduction, types and their disposal. Role of geology in waste disposal. Environmental laws.

Books recommended:

1. Environmental Geology- L. Lindgrein
2. Introduction to Environmental Geology - Edward A. Keller
3. Environmental Geology - James W. Lamoreaux.

Mapping of Course Outcomes to Program Outcomes

COs/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
B-GGY-505.1	3.0	3.0	2.0	1.0	3.0	2.0	3.0	3.0	3.0	2.0	2.0
B-GGY-505.2	2.0	2.0	3.0	2.0	3.0	1.0	2.0	3.0	3.0	1.0	2.0
B-GGY-505.3	1.0	3.0	2.0	2.0	3.0	2.0	2.0	3.0	2.0	1.0	3.0
B-GGY-505.4	2.0	3.0	3.0	2.0	3.0	3.0	3.0	3.0	3.0	2.0	3.0
Average	2.0	2.8	2.5	1.8	3.0	2.0	2.5	3.0	2.8	1.5	2.5

Mapping of Course Outcomes to Program Specific Outcomes

COs/PSOs	PSO1	PSO2	PSO3	PSO4
B-GGY-505.1	2.0	2.0	3.0	3.0
B-GGY-505.2	3.0	3.0	2.0	2.0
B-GGY-505.3	2.0	3.0	3.0	2.0
B-GGY-505.4	3.0	3.0	3.0	3.0
Average	2.5	2.8	2.8	2.5

B-GGY – 506 Practical

Credit: 2

Total Marks: 50

External Assessment Marks: 40

Internal Assessment Marks: 10

Examination Time: 3h

Practical exercises based on B-GGY- 503 (Natural Hazards) and B-GGY- 504 (Environmental Geology).

Distribution of Marks for Evaluation

Exercise = 24

File Record = 08

Viva-voce = 08

B.Sc. with GEOLOGY VI SEMESTER
B-GGY-601 Engineering Geology & Mining Geology

Credits: 3
Total Marks: 75
External Marks: 60
Examination Time: 3h

Course Outcomes (COs):

B-GGY-601.1: Knowledge of engineering properties of rock and their use as construction material.

B-GGY-601.2: To know about various engineering structures, their site selection, evaluation and impact of natural hazards on engineering structures, and slope management and flood control.

B-GGY-601.3: Elementary idea about mining and methods of mining

B-GGY-601.4: Elementary idea about role of geologists in mining, environmental issues in mining and mine safety

Note for Paper Setters: Question 1 is compulsory comprising short answer questions spread over the entire syllabus, to be answered in 15-20 words. In addition to Question No. 1, there will be eight questions, two from each unit. A candidate has to answer four questions, selecting at least one question from each unit. All questions carry equal marks.

Unit-I

Introduction to Engineering Geology; Geology vs. Engineering; Engineering properties of rocks; rocks as building and construction materials and basis of their selection and use; concept of stress and strain; Young's modulus, void ratio, poisson's ratio; Soil classification; Rock mass rating and Tunneling quality index.

Unit-II

Engineering structures: dams, tunnels, buildings, highways and bridges; Techniques for selection and evaluation of sites for various engineering structures; impact of earthquakes and landslides on engineering structures; Role of geologists in civil engineering projects; Geology in river improvement; slope management; flood control.

Unit-III

Mining: definition & terminology; Assay width; cut off grade; Types of mines: open cast and underground; mining methods: alluvial mining, opencast mining (Loading by hand, loading by machines, glory hole), underground mining (pillar and chamber, sbu-level method, cross cut method, block caving); sampling: channel, chip and coning and quartering.

Unit-IV

Role of geologists in mines; mine cross-section; mine plan; mineral concession: reconnaissance permit (RP), prospecting lease (PL), mining lease (ML); explosives; mining safety; mines' environmental safeguards; mines legislation.

Books recommended:

1. Mining and Environment in India- S.C. Joshi and G. Bhattacharya
2. Mining Geology- R.M. Arogyaswamy
3. Engineering Geology- Krynine and Judd
4. Engineering Geology- Blyth
5. Soil Mechanics- T.W. Lambe and R. Whitman

Mapping of Course Outcomes to Program Outcomes

COs/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
B-GGY-601.1	1.0	3.0	2.0	1.0	3.0	1.0	3.0	3.0	3.0	2.0	2.0
B-GGY-601.2	3.0	3.0	3.0	2.0	2.0	2.0	2.0	3.0	3.0	1.0	2.0
B-GGY-601.3	2.0	2.0	2.0	2.0	3.0	1.0	2.0	3.0	2.0	1.0	3.0
B-GGY-601.4	2.0	3.0	3.0	2.0	1.0	3.0	3.0	3.0	3.0	2.0	3.0
Average	1.5	2.8	2.5	1.8	2.75	1.8	2.5	3.0	2.8	1.5	2.5

Mapping of Course Outcomes to Program Specific Outcomes

COs/PSOs	PSO1	PSO2	PSO3	PSO4
B-GGY-601.1	3.0	2.0	2.0	3.0
B-GGY-601.2	3.0	2.0	2.0	1.0
B-GGY-601.3	3.0	1.0	3.0	3.0
B-GGY-601.4	3.0	3.0	3.0	3.0
Average	3.0	1.5	2.5	2.5

B.Sc with GEOLOGY VI SEMESTER

Course Outcomes (COs):

B-GGY-602.1: Knowledge of groundwater quality and its occurrence.

B-GGY-602.2: Understanding about water bearing formations, their hydrogeological parameters and groundwater flow.

B-GGY-602.3: Elementary idea about components of hydrometeorology.

B-GGY-602.4: Elementary idea about exploration, evaluation, management and recharge of groundwater, problems related to groundwater, water laws.

Note for Paper Setters: Question 1 is compulsory comprising short answer questions spread over the entire syllabus, to be answered in 15-20 words. In addition to Question No. 1, there will be eight questions, two from each unit. A candidate has to answer four questions, selecting at least one question from each unit. All questions carry equal marks.

Unit-I

Basic concept, scope of hydrogeology and its relevance to the society; Introduction to hydrometeorological parameters: precipitation, evaporation, evapotranspiration, infiltration, runoff; hydrologic cycle; distribution of water on earth.

Unit-II

Occurrence of groundwater; water bearing formations: classification and their characteristics; classification of aquifers; Springs; artesian well; hydrogeological parameters: porosity, permeability, storage coefficient and transmissivity; Darcy's law; flow direction.

Unit-III

Pumping test and tracer test for evaluation of hydrogeological parameters; water wells: dug wells, bored wells, driven wells and jetted wells; water well drilling methods; groundwater quality criteria for different uses; contamination of groundwater.

Unit-IV

Conjunctive use and groundwater management; water-logging and relative problems; exploration and evaluation of groundwater potential; rain water harvesting; artificial recharge of groundwater; Water laws.

Books recommended

1. Groundwater Hydrology- D.K. Toad
2. Groundwater- Cheery and Greeze
3. Hydrogeology -S.N Davis, and R.J.M. Dewiest
4. Groundwater Resources Evolution- W.C Walton
5. Hydrology- C. Meinzier
6. Handbook of Applied Hydrology- Chow

Mapping of Course Outcomes to Program Outcomes

COs/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
B-GGY-602.1	1.0	3.0	2.0	2.0	3.0	1.0	3.0	3.0	3.0	2.0	2.0
B-GGY-602.2	3.0	2.0	3.0	2.0	3.0	2.0	2.0	3.0	3.0	1.0	2.0
B-GGY-602.3	2.0	3.0	2.0	2.0	3.0	1.0	2.0	3.0	2.0	1.0	3.0
B-GGY-602.4	3.0	1.0	3.0	2.0	3.0	3.0	3.0	3.0	3.0	2.0	3.0
Average	2.8	2.75	2.5	2.0	3.0	1.8	2.5	3.0	2.8	1.5	2.5

Mapping of Course Outcomes to Program Specific Outcomes

COs/PSOs	PSO1	PSO2	PSO3	PSO4
B-GGY-602.1	3.0	3.0	2.0	3.0
B-GGY-602.2	3.0	3.0	2.0	2.0
B-GGY-602.3	3.0	3.0	2.0	3.0
B-GGY-602.4	3.0	3.0	3.0	3.0
Average	3.0	3.0	2.75	2.8

B-GGY – 603 Practical

Credits: 2
Total Mark: 50
External Assessment Marks: 40
Internal Assessment Marks: 10
Examination Time: 3h

Practical exercises based on B-GGY- 601 (Engineering Geology & Mining geology) and B-GGY- 602 (Hydrogeology).

Distribution of Marks for Evaluation

Exercise	= 24
File Record	= 08
Viva-voce	= 08

B.Sc. with GEOLOGY VI SEMESTER**B-GGY-604 Oceanography****Credits: 3****Total Marks: 75****External Marks: 60****Examination Time: 3h****Course Outcomes (COs):****B-GGY-604.1:** Knowledge of Basics of oceanography.**B-GGY-604.2:** Learning about Ocean bottom features and their importance**B-GGY-604.3:** Learning about Ocean waves and their importance.**B-GGY-604.4:** Learning about Ocean currents and their importance.

Note for Paper Setters: Question 1 is compulsory comprising short answer questions spread over the entire syllabus, to be answered in 15-20 words. In addition to Question No. 1, there will be eight questions, two from each unit. A candidate has to answer four questions, selecting at least one question from each unit. All questions carry equal marks.

Unit-I

Introduction to Oceanography; distribution of oceans: boundaries and names of the oceans, importance of oceans; physical and chemical characteristics of ocean water.

Unit-II

Hypsographic or hypsometric curve; morphology of ocean basin: continental shelf, continental slope, deep sea plains and oceanic deeps.

Unit-III

Introduction to ocean waves: origin and characteristics of ocean waves; Types of waves: deep water wave, shallow water waves, transitional waves; wave breakers and types.

Unit-IV

Ocean currents - causes and types of ocean currents; warm ocean currents and fishing grounds; coriolis force.

Name of Books/Authors

1. Oceanography - D.S. Lal
2. Physical Geography - Savinder Singh
3. Essentials of Oceanography - Harlod V. Thurman

Mapping of Course Outcomes to Program Outcomes

COs/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
B-GGY-604.1	3.0	3.0	2.0	1.0	3.0	1.0	3.0	3.0	3.0	2.0	2.0
B-GGY-604.2	3.0	3.0	3.0	2.0	3.0	2.0	2.0	3.0	3.0	1.0	2.0
B-GGY-604.3	3.0	3.0	2.0	2.0	3.0	1.0	2.0	3.0	2.0	1.0	3.0
B-GGY-604.4	3.0	3.0	3.0	2.0	3.0	3.0	3.0	3.0	3.0	2.0	3.0
Average	3.0	3.0	2.5	1.8	3.0	1.8	2.5	3.0	2.8	1.5	2.5

Mapping of Course Outcomes to Program Specific Outcomes

COs/PSOs	PSO1	PSO2	PSO3	PSO4
B-GGY-604.1	3.0	3.0	2.0	3.0
B-GGY-604.2	3.0	3.0	2.0	2.0
B-GGY-604.3	3.0	3.0	3.0	2.0
B-GGY-604.4	3.0	3.0	3.0	3.0
Average	3.0	3.0	2.5	2.5

B.Sc. with GEOLOGY VI SEMESTER**B-GGY-605 Climatology****Credits: 3****Total Marks: 75****External Marks: 60****Examination Time: 3h****Course Outcomes (COs):****B-GGY-605.1:** Knowledge of fundamental concept of Climatology.**B-GGY-605.2:** Learning about Basics of Atmosphere.**B-GGY-605.3:** Elementary idea about Clouds.**B-GGY-605.4:** Basic idea of insolation and heat budget.

Note for Paper Setters: Question 1 is compulsory comprising short answer questions spread over the entire syllabus, to be answered in 15-20 words. In addition to Question No. 1, there will be eight questions, two from each unit. A candidate has to answer four questions, selecting at least one question from each unit. All questions carry equal marks.

Unit-I

Introduction to climatology; definition and its scope, aims and objectives of climatology. Climate and human affairs, climate and civilization. Weather elements and climate records.

Unit-II

Origin of Atmosphere, composition of atmosphere, structure of atmosphere, layered structure of the atmosphere.

Unit-III

Clouds - classification, reporting of clouds, clouds as an aid to weather forecasting. Cyclones, tornadoes and hurricanes. Cloud bursts.

Unit-IV

Insolation and heat budget; distribution of insolation, atmospheric depletion of solar radiation, heat budget, latitudinal heat balance.

Name of Books and Authors

1. Climatology - D.S. Lal
2. Physical Geography - Savinder Singh
3. Understanding Climatology - Salvador Poole

Mapping of Course Outcomes to Program Outcomes

COs/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
B-GGY-605.1	3.0	3.0	2.0	1.0	3.0	1.0	3.0	3.0	3.0	2.0	2.0
B-GGY-605.2	3.0	3.0	3.0	2.0	3.0	2.0	2.0	3.0	3.0	1.0	2.0
B-GGY-605.3	3.0	3.0	2.0	2.0	3.0	1.0	2.0	3.0	2.0	1.0	3.0
B-GGY-605.4	3.0	3.0	3.0	2.0	3.0	3.0	3.0	3.0	3.0	2.0	3.0
Average	3.0	3.0	2.5	1.8	3.0	1.8	2.5	3.0	2.8	1.5	2.5

Mapping of Course Outcomes to Program Specific Outcomes

COs/PSOs	PSO1	PSO2	PSO3	PSO4
B-GGY-605.1	2.0	3.0	2.0	3.0
B-GGY-605.2	3.0	3.0	3.0	2.0
B-GGY-605.3	1.0	3.0	3.0	2.0
B-GGY-605.4	3.0	3.0	3.0	3.0
Average	2.75	3.0	2.8	2.5

B-GGY – 606 Practical

Credits: 2
Total Marks: 50
External Assessment Marks: 40
Internal Assessment Marks: 10
Examination Time: 3h

Practical exercises based on B-GGY- 604 (Oceanography) and B-GGY- 605 (Climatology).

Distribution of Marks for Evaluation

Exercise	= 24
File Record	= 08
Viva-voce	= 08

KURUKSHETRA UNIVERSITY, KURUKSHETRA
(Established by the State Legislative Act XII of 1956)
(“A+” Grade, NAAC Accredited)

Scheme of Examination of B.A. in Economics Semester 1st to Semester 6th w.e.f. Session 2020-2021, Under Choice Based Credit System/LOCF in phased manner for the regular students of Institute of Integrated and Honors Studies, K.U. Kurukshetra.

Semester	Course Code	Course Name	Credit	Teaching Hour per week	Scheme of Examination			Time
					Theory	Internal Assessment	Total Marks	
1st	CC-1	English (As per respective Department)	6	6	120	30	150	3
	CC-1	Hindi (As per respective Department)	6	6	120	30	150	3
	CC-1 Elective 1 B-ECO-101	Micro Economics-I	6	6	120	30	150	3
	CC-1 Elective 2	Elective Subject (As per respective Department)	6	6	120	30	150	3
	AECC-1	English Communication/MIL Communication/EVS (As per respective Department)	2	2	40	10	50	2
2nd	CC-2	English (As per respective Department)	6	6	120	30	150	3
	CC-2	Hindi (As per respective Department)	6	6	120	30	150	3
	CC-2 Elective 1 B-ECO-201	Micro Economics-II	6	6	120	30	150	3
	CC-2 Elective 2	Elective Subject (As per respective Department)	6	6	120	30	150	3
	AECC-2	English Communication/MIL Communication/EVS (As per respective Department)	2	2	40	10	50	2

3rd	CC-3	English (As per respective Department)	6	6	120	30	150	3
	CC-3	Hindi (As per respective Department)	6	6	120	30	150	3
	CC-3 Elective 1 B-ECO-301	Macro Economics-I	6	6	120	30	150	3
	CC3-Elective 2	Elective Subject (As per respective Department)	6	6	120	30	150	3
	SEC-1	Computer Science Level-1/ Personality Development/MOOC (As per respective Department)	2	2	40	10	50	2
4th	CC-4	English (As per respective Department)	6	6	120	30	150	3
	CC-4	Hindi (As per respective Department)	6	6	120	30	150	3
	CC 4-Elective 1 B-ECO-401	Macro Economics-II	6	6	120	30	150	3
	CC-4-Elective 2	Elective Subject (As per respective Department)	6	6	120	30	150	3
	SEC-2	Computer Science Level-1/ Personality Development/MOOC (As per respective Department)	2	2	40	10	50	2
5th	SEC 3 – Elective2	Elective Subject (As per respective Department)	2	2	40	10	50	2
	SEC3- Elective 1-B-ECO-501	International Economics	2	2	40	10	50	2
	DSE-1 Elective 1 B-ECO-502	Indian Economies-I	6	6	120	30	150	3
	DSE-1 B- Elective 2	Elective Subject (As per respective Department)	6	6	120	30	150	3
	GE-1- B-ECO-503	Economics of Development I	6	6	120	30	150	3

6th	SEC-4 Elective 2	Elective Subject (As per respective Department)	2	2	40	10	50	2
	SEC-4 Elective 1-B-ECO-601	Public Economics	2	2	40	10	50	2
	DSE-2 Elective 1 B-ECO-602	Indian Economies-II	6	6	120	30	150	3
	DSE-2 Elective 2	Elective Subject (As per respective Department)	6	6	120	30	150	3
	GE-2- B-ECO-603	Economics of Development II	6	6	120	30	150	3

*One credit=1 Hour of teaching/2 hours of practical work=25 marks

*MIL stands for Media and Information Literacy

*GE: Generic Elective (As per respective Department)

*GE: Generic Elective .They is available in Sem. 5 and Sem. 6(As per respective Department)

*CC: Core courses are four @ 6 credits per semester. Available in two languages and two Electives in Sem1, Sem2, Sem3 and Sem. 4

*AECC: Ability Enhancement Compulsory Course are two @ 2 credits per Semester. Available in Sem-1 and Sem-2) (As per respective Department)

*SEC: Skill Enhancement Course is four. @ 2 credits per semester, exist in Sem3 Sem.4,Sem. 5 and Sem. 6).In Sem. 3&4,it can be one from Computer Science Level-1 or Personality development or MOOC(Massive Open Online Courses) In Sem5&6,it can be any one from the two elective subjects each(As per respective Department)

*DSE: Discipline Specific Elective is four. @ 6 credits per semester. Available in Sem. 5&Sem. 6.They comprise two elective subjects each from a semester

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Scheme and Syllabus of Examination of B.A. in Economics Semester 1st to Semester 6th
w.e.f. Session 2020-2021, Under Choice Based Credit System/LOCF in phased manner for
the regular students of Institute of Integrated and Honors Studies, K.U. Kurukshetra.

PROGRAMME OUTCOMES (POs) for UG course of Economics

- 1- To develop skills in graduate students so that they are able to acquire theoretical and practical knowledge about economics,economy,economicbehavior,economic policies and economic institutions and economic problems.
- 2- To inculcate ability in students for critical thinking,lateral thinking about economic phenomena,problems and policies so as to create professional potential in them
- 3- To create awareness on ethical issues,good business practices,and ecology-economics interface
- 4- To development ability in youth for understanding basic economic rationality and effective communication skills
- 5- To prepare youth for career in teaching,industry,governmentorganisations and self-entrepreneurship
- 6- To make students aware of natural resoures,sustainable use and environment
- 7- To provide learning experience in students that instills deep interest in economic sciencefor the benefit of society.

PROGRAMME SPECIFIC OUTCOMES(PSOs) for UG course in Economics

PSO1:demonstrate the knowledge and understanding of economic science i.e vital processes of economy,consumer and producer behavior at micro level and macro-level

PSO2: critically think and correlate the economics knowledge with decision-making with regard to economic planning and economic policies,understanding of conflicts and tradeoffs and welfare implications of economic measures to improve the quality of life in person as well as of community.

PSO3: demonstrate an understanding of the principles,methods of economic analysis in static and dynamic terms,analysis of economic data

PSO4: concise and meaningful writing and reporting,effective presentation skills,and ability to work productively in a group with co-operation

Bachelor of Arts Economics (Sem. I)

Micro Economics-I

CC-1 B-ECO 101

External marks:120

Internal Marks:30

Total Marks: 150

Credit :6

Time: 3 hours

Note:

- (i) Nine Questions will be set in all and students will be required to attempt 5 questions.
- (ii) Question No. 1 will be compulsory and will consist of PART-A & B, comprising 15 and 9 marks respectively. All Qs of PART-A and 3 Qs out of 6 from part-B are to be attempted
- (iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (24 marks each)

Content	Learning objectives
UNIT-I 1.1.Economics: Definition, Nature, Scope 1.2.The Economic Problem : Scarcity and Choice, Functions of an Economic System, 1.3.Law of Demand 1.4.Elasticity of Demand: Concept, Types, Measurement, Determinants and Importance	1.1 aims at Introducing the subject of economics to the student,historical background,scope and subject matter,its nature-science or art,and its assumptions and limitations 1.2 Aims at apprising the student about economic problem, its nature, exposition through diagrams;solution of economic problem under different economic system 1.3 To make the students acquainted with Basic concept of demand,law of demand,assumptions,explanation,and exceptions.Changes in demand,and Kinds of demand. 1.4 Giving conceptual knowledge about elasticity,and price,Income and cross elasticity of demand, measurement and determinants,conceptual and practical significance of the concept
UNIT -II 2.1 Concept of Utility 2.2 Cardinal Utility Analysis,	2.1 Sets the goal to make the student learn about the concept, its types,nature etc. 2.2 Aims at apprising the student about its meaning,

<p>2.3 Law of Equi- Marginal Utility 2.4 Law of Diminishing Marginal Utility 2.5 Derivation of Demand Curve 2.6 Ordinal Utility Analysis 2.7 Indifference Curves Analysis 2.8 Consumer Equilibrium 2.9 Price, Income and Substitution Effects 2.10 Consumer Surplus</p>	<p>the historical background,assumptions,implications,significance and limitations of the analysis. 2.3&2.4 Goal is to make the students know about the laws,their assumptions,explanation,application and significance 2.5 In conjunction with the aims w.r.t 2.2,2.3&2.4,relates to derivations of demand curve 2.6&2.7 Aims at making the students learn about the approach,exposition of indifference curves,applications and limitations 2.8&2.9 In conjunction with 2.2&2.6,how the consumer equilibrium is attained,conditions,how changes in consumer equilibrium takes place 2.10 To apprise students about the concept,its measurement by both cardinal and ordinal approach,applications,limitations of the concept</p>
<p>UNIT-III 3.1 Production Function & Product Curves 3.2 Law of Variable Proportions 3.3 Iso-quants & Iso-cost Lines 3.4 Returns to Scale 3.5 Economies & Diseconomies of Scale Internal & External 3.6 Supply Curve & Elasticity of Supply</p>	<p>3.1&3.2 Aims at making the student learn about the meaning of production,and production function,kinds.The relationship between different kinds of products in case one input is fixed.Implications and significance. 3.3&3.4 the objective is to give the students knowledge about tools of isoquants and iso-cost line and their significance.The students are to be apprised how product curve behave when no input is fixed,exposition by way of isoquants . 3.5 The content is meant to give the students knowledge about the meaning, types of Economies of scale ,their significance 3.6</p>

	Aims at apprising the students about the concept of supply, supply law and elasticity of supply, implications, and significance
Unit-IV 4.1 Cost Analysis: Concepts of Cost, Short Period Costs, Long Period Costs 4.2 Modern Theory of Costs. 4.3 Revenue: Total, Average and Marginal Revenue 4.4 Break Even Analysis and its Uses	4.1&4.2 Aims at making the students knowledgeable about concepts of costs, types; traditional and modern theories of short-term costs, and long term costs 4.3 Objective is to make students learn about the concepts, and their interrelationships in various market situations 4.4 Purpose is to acquaint the students about break-even analysis, its applications, and limitations

OVERVIEW OF OUTCOMES

CORE COURSE- MICROECONOMICS-1

After the successful completion of the course, the students will be able to Course Objective #

101.1 Have insight about the economics, the economic problem and consumer behaviour in terms of demand and its elasticity

101.2 Have further understanding of consumer behavior in terms of Laws of diminishing utility, equi-marginal utility, consumer equilibrium, Indifference Curve analysis, and consumer surplus

101.3 Have knowledge about nature of production, and producer behavior in terms of laws of production, economies and diseconomies of scale, and producer's equilibrium through isoquant approach.

101.4 Have understanding about Revenue, Cost concepts & inter-relationships about costs, and break-even analysis of profit maximizing behavior

CORE-COURSE- MICROECONOMICS-1

CO#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
101.1	3	3	1	2	1	2	1	3	1	2	1
101.2	3	3	2	2	1	1	1	3	1	2	1
101.3	3	3	1	2	2	1	1	3	1	2	1
101.4	3	3	1	2	2	1	1	3	1	2	1
Average	3	3	1.25	2	1.5	1.25	1	3	1	2	1

Suggested Readings:

1. N. Gregory Mankiw' "Principles of Economics" South-Western College; 5th Edition(2008)
2. J.E Stiglitz and G.E Walsh' "Principles of Economics", W.W Norton & Co. N.Y.
3. R.G Paul Samuelson and Nordhaus' "Economics", Tata Mcgraw Hill Publishing Company, New Delhi. 18th Edition (2004)
4. Lipsey and KA. Chrystal, Economics, Oxford University Press, Oxford(2007).
5. A. Koutsoyiannis , Modern Microeconomics , Macmillan (Latest Edition).
6. R.G Lipsey and KA. Chrystal, "Principles of Economics", Oxford University Press ,Oxford(2002-03).
7. R.S Pindyck& D.L Rubinfeld: Microeconomics, Prentice Hall Series in Economics MATE (2005)
8. Walter Nicholsan' " Microeconomic Theory: Basic Principles and Extensions",South Western College.South Western Publication(2007)
9. Hal R. Varian " Intermediate Microeconomic: A modern Approach", W.W Norton & Company,6th Edition (June 2002)
10. W.J Baumol& Alan S. Blinder, "Microeconomics: Principles and Policy" Thomson, India Edition. Ceneage Learning India PvtLtd(2006)

Bachelor of Arts Economics (Sem. II)

Micro Economics-II

CC-2 B-ECO-201

External marks:120

Internal Marks:30

Total Marks: 150

Credit :6

Time: 3 hours

Note:

- (i) Nine Questions will be set in all and students will be required to attempt 5 questions.
- (ii) Question No. 1 will be compulsory and will consist of PART-A &B, comprising 15 and 9 marks respectively. All Qs of PART-A and 3 Qs out of 6 from part-B are to be attempted
- (iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (24 marks each)

Content	Learning objectives
UNIT-I 1.1.Market Structures- Concepts 1.2.Perfect Competition: Characteristics and Assumptions, 1.3.Price Determination Under Perfect Competition, 1.4.Equilibrium of the firm in the short period and the long period	1.1 To introduce the students about market, its classification 1.2&1.3 The aim is to make students know the fully competitive market, how the price determination takes place 1.4 Objective is to apprise the students about equilibrium of the firm in short-run and long run
UNIT-II 2.1.Monopoly: Characteristics 2.2.Equilibrium of the Monopoly Firm in Short period and Long period 2.3.Concept of Supply Curve under Monopoly 2.4.Price Discrimination	2.1 The students are expected to know about the monopoly, types. 2.2,2.3&2.4 Aim is to make the students learn about how a monopolist achieves equilibrium in short period and long period, whether the supply curve of a monopolist exists or not, and develop a general understanding about price discrimination, its conditions, and price strategy for equilibrium in case of many markets.
UNIT -III 3.1 Monopolistic Competition: Characteristics 3.2 Selling Costs ,Product Differentiation 3.3 Short period and long period Equilibrium of the Firm 3.4 Concept & Characteristics of Oligopoly.	3.1 Aims at making students learn about the market type characteristics 3.2&3.3 Objective is to make understand the nature of selling costs, optimum level, and product differentiation, types, and optimum level. 3.4 The students are expected to learn about the

	meaning, nature, types and features of oligopoly firm
UNIT-IV 4.1 Marginal Productivity Theory of Distribution 4.2 Ricardian Theory of Rent 4.3 Theories of Interest; Classical and Neoclassical 4.4 Marginal Productivity Theory of Wages	<p>4.1 Aim is to make the students apprised of factor market and distribution or factor pricing.</p> <p>4.2 The students are expected to learn about classical view of rent, and how Ricardo's theory explains the origin of rent, and rent-price relationship.</p> <p>4.3 The students are to be imparted knowledge about meaning & nature of interest rate, classical economists' position and neoclassical economists' position about the determination of equilibrium interest rate</p> <p>4.4 The learning objective for students is know the classical position on wage rate determination, explanation, implications and limitations</p>

OVERVIEW OF OUTCOMES

CORE COURSE- MICROECONOMICS-II

After the successful completion of the course, the students will be able to

Course Objective

201.1 Have understanding about the market, market structure, perfect competition and firm's equilibrium under it in short and long run

201.2 Have insight about monopoly, nature of monopoly, firm's equilibrium and price discrimination

201.3 Have knowledge about nature of imperfect markets viz monopolistic competition, Oligopoly, firms' strategies

201.4 Have understanding about the distribution and microeconomic theories of distribution, traditional and modern approach, determination of interest rate and wages, different theories related to interest and wages

CORE-COURSE- MICROECONOMICS-II

CO#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
201.1	3	3	1	2	1	2	1	3	1	2	1
201.2	3	3	2	3	1	1	1	3	1	2	1
201.3	3	3	1	2	2	1	1	3	1	2	1
201.4	3	3	1	2	2	1	1	3	1	2	1
Average	3	3	1.25	2.25	1.5	1.25	1	3	1	2	1

Suggested Readings:

1. Paul Samuelson and Nordhaus' "Economics", Tata Mcgraw Hill Publishing Company, New Delhi. 18th Edition (2004)
2. N.GregoryMankiw' "Principles of Economics" South-Western College; 5th Edition(2008)
3. J.E Stiglitz and G.E Walsh' "Principles of Economics", W.W Norton & Co. N.Y.
4. R.G Lipsey and KA. Chrystal, Economics, Oxford University Press, Oxford(2007).
5. A.Koutsoyiannis , Modern Microeconomics , Macmillan (Latest Edition).
6. R.G Lipsey and KA. Chrystal, "Principles of Economics",Oxford University Press ,Oxford(2002-03).
7. R.S Pindyck& D.L Rubinfeld: Microeconomics, Prentice Hall Series in Economics MATE (2005)
8. Walter Nicholsan' " Microeconomic Theory: Basic Principles and Extensions",South Western College.South Western Publication(2007)
9. Hal R. Varian " Intermediate Microeconomic: A modern Approach",W.W Norton & Company,6th Edition (June 2002)
10. W.J Baumol& Alan S. Blinder, "Microeconomics: Principles and Policy" Thomson, India Edition. Ceneage Learning India PvtLtd(2006)

Bachelor of Arts Economics (Sem. III)
Macroeconomics-I
CC-3 B-ECO-301

External marks:120
Internal Marks:30
Total Marks: 150
Credit :6
Time: 3 hours

Note:

- (i) Nine Questions will be set in all and students will be required to attempt 5 questions.
- (ii) Question No. 1 will be compulsory and will consist of PART-A & B, comprising 15 and 9 marks respectively. All Qs of PART-A and 3 Qs out of 6 from part-B are to be attempted
- (iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (24 marks each)

Content	Learning objectives
UNIT-I 1.1 Nature and Scope of Macro Economics 1.2 Difference between Micro and Macro Economics 1.3 Importance of Macro Economics. 1.4 Concepts, Measurement and limitations of National Income Statistics 1.5 Circular flow of Income in Two, Three and Four Sector Economy.	1.1,1.2&1.3 To introduce the students about macroeconomics, its nature, scope, importance The aim is to make students attuned with economics as a study in economic aggregates 1.4 Objective is to acquaint the students with National Income aggregates, inter-relationships, and measurements of national income. 1.5 The contents under this section are designed to make students learn the inter-relationships in an economy, among its various sectors, and nature of the flows
UNIT-II 2.1.Say's law of Market 2.2.Classical Theory of Income and Employment 2.3.Keynesian Theory of Income and Employment 2.4.Principle of Effective Demand. 2.5.Comparison between Classical and Keynesian Theory	2.1&2.2 A general idea about the law as foundation of the classical system is supposed to be given to the students. Allied objective is to introduce the working of economy under classical system, how equilibrium level of income and employment is determined 2.3 Aim is to make the students learn about how economy functions under Keynesian framework, and equilibrium level of income and employment is determined. 2.4&2.5 The students are expected to learn about key component in the structure of Keynesian set-up, and

	comparison between Classical and Keynesian models
UNIT -III 3.1.Consumption Function: Meaning and Technical Attributes. 3.2.Significance of MPC 3.3.Keynesian Psychological Law of Consumption and its Implications 3.4.Short run & Long run Consumption functions.	<p>3.1,3.2,3.3 Aims at making students learn about the consumption as a macro-economic, variable and as a component of Keynesian structure. Students are expected to learn the inter-relationships among attributes of consumption function and the behavior of consumption over time, with increase in disposable income.</p> <p>3.4 The students are expected to get the understanding of Keynesian ,and other hypotheses about the behavior of aggregate consumption in the long run</p>
UNIT-IV 4.1.Meaning of Capital and Investment 4.2.Types of Investment 4.3.Marginal Efficiency of Capital (MEC). 4.4.Relation between MEC and MEI 4.5.Factors affecting Inducement to Invest	<p>4.1&4.2 Aim is to make the students apprised of Capital and Investment.</p> <p>4.3,4.4 The students are expected to learn about rate of return in terms of MEC and MEI and its role in optimizing the investment.</p> <p>4.5 The students are to be imparted knowledge about meaning &nature of private investment, also with objective for students is know the determinants of psychology of investors.</p>

OVERVIEW OF OUTCOMES

CORE COURSE- MACROECONOMICS-1

After the successful completion of the course,the students will be able to Course Objective #

301.1 Have insight about macroeconomics,nature&scope,methodology; national incomeand circular flow of income in economy

301.2 Have understanding of macroeconomic behavior in terms of classical theory of employment,Say'slaw,Keynes' theory of equilibrium level of income and employment,a comparison

301.3 Have knowledge about consumption bevaieur at macroeconomic level,Keynes' psychological law of consumption, hypotheses about long run income-consumption relationship

301.4 Have understanding about capital and investment,decision to invest at macroeconomic level,determinants of induced investment

CORE-COURSE- MACROECONOMICS-1

CO#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
301.1	3	3	1	2	1	2	1	3	2	2	1
301.2	3	3	2	2	1	1	1	3	1	2	1
301.3	3	3	1	2	2	1	1	3	1	2	1
301.4	3	3	1	2	2	1	1	3	2	2	1
Average	3	3	1.25	2	1.5	1.25	1	3	1.5	2	1

Suggested Readings:

- Lipsey R.G. and K.A. Christal(1999) —*Principles of Economics 9th Ed.*, Oxford University Press.
- Ackley, G (1978), —*Macroeconomics: Theory and Policy*, Macmillan, New York.
- Branson, W. A. (1989), —*Macroeconomics: Theory and Policy*, 3rd ed. Harper and Harper and Row, New York.
- Shapiro, E (1996), —*Macroeconomics: Analysis Galgotia Publication*, New Delhi.
- Stiglitz J. E. and Carl E. Walsh (2002), *Principles of Macroeconomics*, W.W. Norton and Company, New York.
- Paul Samuelson and Nordhaus: (2005) —*Economics (18th Ed.) Tata Hill Publishing Company*, New York.
- Mankiw N. Gregory: (2007) —*Principles of Economics*, Thomson, Indian Reprint.
- Lipsey R.G. and K.A. Chrystal (2007) —*Economics*, Oxford University Press

Bachelor of Arts Economics (Sem. IV)
Macroeconomics-II
CC-4 B-ECO-401

External marks:120
Internal Marks:30
Total Marks: 150
Credit :6
Time: 3 hours

Note:

- (i) Nine Questions will be set in all and students will be required to attempt 5 questions.
- (ii) Question No. 1 will be compulsory and will consist of PART-A & B, comprising 15 and 9 marks respectively. All Qs of PART-A and 3 Qs out of 6 from part-B are to be attempted
- (iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (24 marks each)

Content	Learning objectives
UNIT-I 1.1. Keynesian Multiplier: Concepts 1.2. Relation between Multiplier, MPC and MPS 1.3. Comparative Static and Dynamic Process. 1.4. Working of Multiplier in UDC'S. 1.5. Acceleration Principle and Concept of Super Multiplier.	1.1,1.2,1.3&1.4 To introduce the students about Income propagation process by multiplier effect of investment, relationship with consumption The aim is to make students attuned with dynamics of income generation 1.4 Objective is to acquaint the students with limitations of multiplier effect in underdeveloped economies. 1.5 The contents under this section are designed to make students learn the effect of output growth on the demand for capital goods. in an economy, along-with combined effect of induced and autonomous investment
UNIT-II 2.1. The Demand for Money: Concepts, Functions and Significance 2.2. Quantity Theory of Money - Fisher's Approach and Cambridge Approach 2.3. Keynesian Liquidity Theory of Money 2.4. Supply of Money: Meaning and Determinants 2.5. High Powered Money and Money Multipliers	2.1,2.2 A general idea about the value and demand for money. How classical approach takes position on the relationship of Money supply and Price level, followed by neo-classical economists. 2.3 Aim is to make the students learn about how money functions under Keynesian framework, and equilibrium level of interest rate is determined. 2.4&2.5 The students are expected to learn about key components in the supply of money, determinants and relationship of reserve money with overall money supply.

UNIT -III 3.1 Meaning, Causes and Effects of Inflation 3.2 Types of Inflation 3.3 The Classical Theory of Inflation 3.4 Demand Pull and Cost Push Inflation. 3.5 Phillips Curve in Short run and Long run.	3.1,3.2&3.3 Aims at making students learn about the inflation, its nature, theories related to the explanation of price rise. Students are expected to learn the inter-relationships among factors leading to inflation and its dynamics. 3.4 The students are expected to get the understanding of relationship between unemployment and Price rise over short-period and long period.
UNIT-IV 4.1. Meaning, Nature and Features of Business Cycles 4.2. Types and Phases of Business Cycles 4.3. Keynes View of Trade Cycles 4.4. Theories of Trade Cycles (Hicks and Samuelson). 4.5. Rate of Interest: Keynesian Theories of Interest&IS-LM framework	4.1&4.2 Aim is to make the students apprised of fluctuations in business activity, nature, and causes and phases of business cycles, 4.3&4.4 The students are expected to learn about Keynes explanation, followed by Post-Keynesians viz J. Hicks, P. Samuelson 4.5 The students are to be imparted knowledge about meaning &nature of rate of interest in macro-economic perspective-Keynesian position side by side IS-LM framework

OVERVIEW OF OUTCOMES

CORE COURSE- MACROECONOMICS-2

After the successful completion of the course,the students will be able to

Course Objective

401.1 Have understanding about income generation process through Investment,multiplier effect and acceleration effect of income ,combined action of multiplier and acceleration effect

401.2 Have understanding of value of money;classical ,neoclassical approach,Demand for money and Supply of money,components of money supply,role of credit and high-powered money in economy

401.3 Have knowledge about fluctuations in value of money: inflationCauses,process of inflation,measures,Employment –inflation relationship: hypotheses .

401.4 Have understanding about business cycles,dynamics of business cyclesphases,interest rate in macroeconomic perspective-Keynes and Hicks-Hansen approach

CORE-COURSE- MACROECONOMICS-2

CO#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
401.1	3	3	1	2	1	2	1	3	2	2	1
402.2	3	3	2	2	1	1	1	3	1	3	1
403.3	3	3	1	2	2	1	1	3	1	2	1
404.4	3	3	1	2	2	1	1	3	2	3	1
Average	3	3	1.25	2	1.5	1.25	1	3	1.5	2.5	1

Suggested Readings:

- Lipsey R.G. and K.A. Christal(1999) —Principles of Economics 9th Ed., Oxford University Press.
- Ackley, G (1978), —Macroeconomics: Theory and Policy, Macmillan, New York.
- Branson, W. A. (1989), —Macroeconomics: Theory and Policy, 3rd ed. Harper and Harper and Row, New York.
- Shapiro, E (1996), —Macroeconomics: Analysis Galgotia Publication, New Delhi.
- Stiglitz J. E. and Carl E. Walsh (2002), Principles of Macroeconomics, W.W. Norton and Company, New York.
- Paul Samuelson and Nordhaus: (2005) —Economics (18th Ed.) Tata Hill Publishing Company, New York. •Mankiw N. Gregory: (2007) —Principles of Economics, Thomson, Indian Reprint.
- Lipsey R.G. and K.A. Chrystal (2007) —Economics, Oxford University Press

Bachelor of Arts Economics (Sem. V)
International Economics
SEC-3 B-ECO 501

Total Marks:50
External marks:40
Internal Marks:10
Total Marks: 50
Credit :2

Note:

- (i) FIVE Questions will be set in all and students will be required to attempt THREE questions.
- (ii) Question No. 1 will be compulsory and will consist of PART-A &B, comprising 6 and 4 marks respectively. All Qs of PART-A and 2 Qs out of 4 from part-B are to be attempted
- (iii) For the remaining TWO questions, students will attempt the questions not more than one from the four units (15 marks each)

Content	Learning objectives
UNIT-I 1.1. Importance of the Study of International Economics 1.2. Inter-Regional and International Trade	1.1&1.2 Objective is to impart the students the basic knowledge and introduction about International economics, and Basis and causes of international trade
UNIT-II 2.1.Trade as an Engine of Economic Growth 2.2.Terms of Trade (Meaning and Measurement) Offer curve approach to terms of trade	2.1 The students are expected to be introduced to role of trade in economic development; with role and importance of trade as a drive to growth 2.2 Aim is to make the students learn about terms-of –trade, nature, significance, and reciprocal demand as approach for equilibrium terms of trade
UNIT -III 3.1. Concepts and Components of Balance of Payments 3.2.Causes and Consequences of Disequilibrium in the Balance of Payments	3.1 Objective is to give an understanding to the students about balance-of-payments, composition, nature of constituent items. 3.2 The students are expected to learn about meaning and types in disequilibrium in the balance of payments, and corrective measures
UNIT-IV 4.1.Functions and Achievements of WTO 4.2.Impact of WTO on Industry, Agriculture and Services	4.1&4.2 Aim is to make the students apprised of WTO, its organization, functions, and various agreements

Sectors of Indian Economy	with WTO, and extent of effect on Indian economy
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OVERVIEW OF OUTCOMES

CORE COURSE- INTERNATIONAL ECONOMICS

After the successful completion of the course, the students will be able to

Course Objective

- 502.1 Have understanding about nature and subject-matter of International economics; nature of domestic and foreign trade Causes and extent of trade
- 502.2 Have perception about reciprocal demand, and its role in International trade, terms of trade, equilibrium; and trade as Development stimulant
- 502.3 Have knowledge about nature and composition of balance of payments, corrective measures,
- 502.4 Have understanding about nature, organization, functions of WTO Role in trade promotion and settlement of trade issues

CORE-COURSE- INTERNATIONAL ECONOMICS

CO#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
502.1	2	2	1	2	1	2	1	3	2	2	1
502.2	3	3	2	2	1	1	1	3	2	3	1
502.3	2	2	1	2	2	2	1	3	1	2	2
502.4	3	3	1	2	2	2	1	3	2	3	1
Average	2.5	2.5	1.25	2	1.75	1	1	3	1.75	2.5	1.25

Basic Reading List

- Chacholiades, M. (1990), International Trade: Theory and Policy, McGraw Hill, Kogakusha, Japan.
- Cherunilam, F. (2008): International Economics, The Tata McGraw-Hill Companies, New Delhi. 5th Ed.
- Dunn R.M. and J.H. Mutt (2000), International Economics, Routledge, London.
- Kindlberger, C P (1991): International Economics, R D Irwin, Homewood. 8th Ed.
- Krugman, P.R. and Obstfeld, M. (1994), International Economics: Theory and Policy, Glenview, Foresman.
- Mishra, S.K. and Puri, V.K. (2012), Indian Economy- Its Development Experience, Himalaya Publishing House. 30th Revised Ed.

- Salvator, D L (2001): International Economics, Prentice Hall, Upper Saddle River, New York.
- Soderston, Bo. (1999), International Economics, The Macmillan Press Ltd. London.
- Yarbough, R.J. (1999), International Economics, International Thompson Publishing, New York.

Bachelor of Arts Economics (Sem. V)**Indian Economy-I****DSC-1B-ECO 502****External marks:120****Internal Marks:30****Total Marks: 150****Credit :6****Time: 3 hours****Note:**

- (i) Nine Questions will be set in all and students will be required to attempt 5 questions.
- (ii) Question No. 1 will be compulsory and will consist of PART-A & B, comprising 15 and 9 marks respectively. All Qs of PART-A and 3 Qs out of 6 from part-B are to be attempted
- (iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (24 marks each)

Content	Learning objectives
UNIT-I Developing Economy 1.1 Capitalist, Socialist & Mixed economy. 1.2 Developed and Developing Economy – Concepts 1.3 Basic Characteristics of Indian Economy as a Developing Economy. 1.4 Comparison of Indian Economy with Developed Economies 1.5 Major Issues of Development in India- Regional and economic inequalities	1.1&1.2 Objective is to acquaint the students with Developing Economy under free market capitalism and socialistic set up; and distinction between a developed and a developing economy 1.3,&1.4 To introduce the students about Indian economy, its present nature. How as a transition economy India economy matches up with developed economies and developing economies. 1.5 Objective is to apprise the students with major development issues the Indian economy is facing at present.
UNIT-II Population 2.1. Theory of Demographic Transition. 2.2. Size and Growth of Population. 2.3. Features of Indian Population 2.4. Causes of Population growth; Demographic dividend. 2.5. Problems of Over Population 2.6. Measures for Population Control. 2.7. Population Policy 2005 onward	2.1,2.2,2.3&2.4 The students are expected to be introduced to demography, and demographic transition theory in general, and its relevance to India. A general idea about the Population of India and the trend of key demographic variables 2.5&2.6 Aim is to make the students learn about over-population, its extent, implications and ways to control the overpopulation. 2.7 The students are expected to learn about Population policy 2005, and rationale of the population policy measures
UNIT -III Poverty and Unemployment 3.1. Meaning and Concepts of Poverty. 3.2. Poverty line- Need	3.1,3.2&3.3 Aims at making students learn about poverty, its nature, types of poverty. Students are expected to learn the

of Redefining. 3.3. Measurement of Poverty. 3.4. Causes of Poverty. 3.5.Measures of Eradication of Poverty. 3.6.Unemployment – Nature, Types, Causes & Measures	<p>implications of various methods of measurement of poverty</p> <p>3.4&3.5 The students are expected to get the understanding of genesis and diagnostics of poverty, and efficacy of measures and approach to alleviate the poverty in India</p> <p>3.6 Laerning objective of this content is acquaint the students about the problem of unemployment, its measurement, nature & scope, and employment policy initiatives by the government.</p>
<p>UNIT-IV</p> <p>Agriculture 4.1.Place of Agriculture in Indian economy. 4.2.Agricultural Productivity – Causes of Low Productivity & Measures. 4.3.GreenRevolution,GM crops and Organic farming 4.4.Sources of Agricultural Finance. 4.5.Agricultural Marketing – Defects & Measures. 4.6.Special Economic Zone- Concept, Features, Problems</p>	<p>4.1,4.2&4.3</p> <p>Aim is to make the students apprised of the Agriculture, its role, trends of productivity in agriculture. Allied objective is to make the students know about the phenomenal rise in agri-output in late 60's, namely the green revolution in India and new cropping techniques</p> <p>4.4&4.5 The students are expected to learn about the mechanism of Agricultural finance, and Agri-marketing, problems and challenges.</p> <p>4.6 The students are to be imparted knowledge about meaning & rationale of SEZs in agriculture, prospects and challenges.</p>

OVERVIEW OF OUTCOMES

CORE COURSE- INDIAN ECONOMY-1

After the successful completion of the course,the students will be able to

Course Objective #

501.1 Have understanding about developing and developed economyIndian economy as a developing economy, comparison withdevelopedeconomies,crucial points about development issues of Indian economy

501.2 Have perception and appreciation about demography of Indianeconomy,stages of demographic transition,implications;Population policy and dynamic changes, trends and policy measures.

501.3 Have knowledge about nature and measurement of poverty in India,poverity alleviation efforts,plans and schemes;nature and causes of unemployment,trends,programs and schemes of employment generation,efficacy and restructuring of schemes

501.4 Have understanding about nature,productivity trends and changesin Indian agriculture,newtechniques,Agriculturalcredit,Agriculturalmarketing ,development effort through special economic zones

CORE-COURSE- INDIAN ECONOMY-1

CO#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
501.1	3	3	1	2	1	2	1	3	2	2	1
501.2	3	3	2	2	1	1	1	3	2	3	1
501.3	3	3	1	2	2	2	1	3	1	2	2
501.4	3	3	1	2	2	1	1	3	2	3	1
Average	3	3	1.25	2	1.5	1.51	1	3	1.75	2.5	1.25

Suggested Readings:

1. Datt, Gaurav and Mahajan, Ashwani “Dutt&Sundharam Indian Economy” S. Chand & Company (Latest Ed.).
2. Dhar, P.K. “Indian Economy – Its Growing Dimensions” Kalyani Publishers (Latest Ed.).
3. Goel, M.M. (2014): Indian Economy Long Term Challenges & Policy Measures, Monograph N.91, A GunaGauravNyas Publications Think Line
4. Goel, M.M. (2012) “Economics of Human Resource Development in India” VK Global Publications
5. Government of India, Economic Survey (Annual), Ministry of Finance, New Delhi.
6. Government of India, Planning Commission; Five Year Plan Document.
7. Kapila, Uma “Indian Economy: Performance and Policies” Academic Foundation, New Delhi (Latest Edition).
8. Kapila, Uma “Indian Economy since Independence” Academic Foundation, New Delhi (Latest Edition).
9. Mishra S. K. and Puri, V. K. “Indian Economy”, Himalaya Publishing House (Latest Ed.)
10. Monthly Issues of Journals “Kurukshetra” and “Yojana”.

Bachelor of Arts Economics (Sem. V)
Economics of Development-I
GE-1 B ECO- 503

External marks:120
Internal Marks:30
Total Marks: 150
Credit :6
Time: 3 hours

Note:

- (i) Nine Questions will be set in all and students will be required to attempt 5 questions.
- (ii) Question No. 1 will be compulsory and will consist of PART-A & B, comprising 15 and 9 marks respectively. All Qs of PART-A and 3 Qs out of 6 from part-B are to be attempted
- (iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (24 marks each)

Content	Learning objectives
UNIT-I 1.1. Economic Growth and Economic Development 1.2. Development and Underdevelopment 1.3. Approaches to Economic Development 1.4. Factors affecting Economic Growth	1.1&1.2 Objective is to introduce the students to the basic concepts about Economic Growth & Economic development, under-development 1.3&1.4 The content is meant to describe and discuss the approaches to economic development, its determinants
UNIT-II 2.1. Poverty — Absolute and Relative; Measuring Poverty – Head Count and Poverty gap 2.2. Vicious Circle of Poverty 2.3. Human Development Index (HDI) and other Indices of Development and Quality of life 2.4. Population Problem and Growth Pattern of Population in Developing Countries	2.1&2.2 The students are expected to be introduced to the concept of poverty, its measurement, as well as the nature of poverty process as self-cumulative. 2.3&2.4 Aim is to make the students learn about nature and measurement of regional backwardness, as well as the quantity & quality of human resources, growth patterns with regard to India
UNIT -III 3.1. Traditional Measures of Economic Development – National Income, Per Capital Income 3.2. UNDP Indices for Measurement of Development 3.3. Classical Theory of Development- Adam Smith and Marx	3.1&3.2 Objective is to give an understanding to the students about traditional measures of economics development, and contemporary development measures. 3.3&3.4 The students are expected to learn about development process under classical framework of assumptions and concepts, as well as described

	by Karl Marx.
UNIT-IV 4.1. Steady State Growth - An Introduction 4.2. Growth models — Harrod and Domar 4.3. Growth model of Schumpeter 4.4. Cambridge Model of Growth – Joan Robinson	4.1&4.2 Aim is to make the students apprised of the nature of growth process in terms of models given by Harrod and Domar 4.3&4.4 The students are expected to learn about various reactions against classical theory of growth in terms of models by Schumpeter and J Robinson. They must be able to have perception about the key implications, and comparison of the models

OVERVIEW OF OUTCOMES

CORE COURSE- ECONOMICS OF DEVELOPMENT-1

After the successful completion of the course, the students will be able to Course Objective #

503.1 Have understanding about nature of economic growth and Economic development, underdevelopment, Factors of economic development

503.2 Have perception about nature and process of poverty, measurement physical quality of life, Human development Index, Population growth pattern of developing economies: Problems and policies;

503.3 Have knowledge about measurement of economic development, traditional measures of development, United Nations' development Programme (UNDP's) concepts and initiatives about development measures, Classical theory of development

503.4 Have understanding about steady-state growth and growth models- Harrod-Domar's, Schumpeter's, Robinson's

CORE-COURSE- ECONOMICS OF DEVELOPMENT-1

CO#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
503.1	3	3	1	2	1	2	1	1	2	2	1
503.2	3	3	2	2	1	1	2	1	2	3	1
503.3	3	3	1	2	2	2	1	1	1	2	2
503.4	3	3	1	2	2	2	1	2	2	3	1
Average	3	3	1.25	2	1.5	1.75	1.25	1.25	1.75	2.5	1.25

Suggested Readings

- Adelman, I. (1961), Theories of Economic Growth and Development, Stanford University Press, Stanford.

- Behrman, S. and T.N. Srinivasan (1995), Handbook of Development Economics, Vol. 1 to 3, Elsevire, Amsterdam.
- Ghatak, S. (1986), An Introduction to Development Economics, Allen and Unwin, London.
- Hayami, Y. (1997), Development Economics, Oxford University Press, New York.
- Higgins, B. (1959), Economic Development, Norton, New York.
- Kindleberger, C.P. (1977), Economic Development, 3e, McGraw Hill, New York.
- Meier, G.M. (1995), Leading Issues in Economic Development, 6e, Oxford University Press, New Delhi.
- Myint, Hla(1965), The Economics of Underdeveloped Countries, Preager, New York.
- Myint, Hla(1971), Economic Theory and Under Developed Countries, Oxford University Press, New York.
- Thirlwal, A.P. (1999), (6th Edition), Growth and Development, Macmillan, London.

Bachelor of Arts Economics (Sem.VI)
Public Economics
SEC-4-Elective 1-B-ECO-601

External marks:40
Internal Marks:10
Total Marks: 50
Credit :2

Note:

- (i) FIVE Questions will be set in all and students will be required to attempt THREE questions.
- (ii) Question No. 1 will be compulsory and will consist of PART-A &B, comprising 6 and 4 marks respectively. All Qs of PART-A and 2 Qs out of 4 from part-B are to be attempted
- (iii) For the remaining TWO questions, students will attempt the questions not more than one from the four units (15 marks each)

Content	Learning objectives
UNIT-I Meaning and Scope of Public Finance 1.1.Public Finance- Meaning and Scope 1.2.Public Goods .Private Goods, Mixed Goods and Merit Goods (Concept Only)	1.1 Objective is to introduce the students to the basic knowledge and concepts about Public finance, and principles of resource allocation 1.2 The content is meant to describe the types and nature of public goods and mixed goods
UNIT-II Public Expenditure 2.1.Meaning and Importance 2.2.Canons of Public Expenditure .Effects of Public Expenditure	2.1 The students are expected to be introduced to Public expenditure, its types and significance(conceptual and applied) 2.2 Aim is to make the students learn about good standards of public expenditure, and effects on various activities in the economy.
UNIT -III 3.1. Public revenue:Sources.Taxes – Classification of Taxes .Canons of Taxation .Ability to Pay and Benefit Approach 3.2. Incidence and Shifting of Tax burden .The Concept of Goods and Service Tax (GST).	3.1 Objective is to give an understanding to the students about Public revenue, its sources, types of taxes, and standards of a good taxation system. 3.2 The aim is to make the students understand the incidence and impact of taxation,and measurement. The objective of this item is make the students advertent about GST,its true nature, conceptual and applied significance
UNIT-IV	4.1,

4.1. Public Debt;Meaning, Types of Public Debt and methods of debt redemption .4.2 .Meaning & Types of Budget .Revenue Deficit, Fiscal Deficit, Primary Deficit .Budget Deficit	Aim is to make the students apprised of Public debt ,methods of debt re-payment, 4.2 The students are expected to learn about various kinds of budget deficits, measurement and their relative significance.
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OVERVIEW OF OUTCOMES

CORE COURSE- **Public Economics**

After the successful completion of the course, the students will be able to

Course Objective

602.1 Have understanding about meaning & scope of public finance, notions about public goods, private goods, merit goods and mixed goods

602.2 Have perception about nature and types of public expenditure, canons, Effects of public expenditure on various economic activities

602.3 Have knowledge about public revenue, Ability to pay and benefit approach, Incidence and Impact of taxation, nature of Goods & Services tax

602.4 Have understanding about public debt, Budget, composition, types and nature of various types of deficits

CORE-COURSE- PUBLIC FINANCE

CO#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
602.1	2	2	1	2	1	2	1	1	2	1	1
602.2	3	3	2	2	1	1	2	1	2	1	1
602.3	3	2	2	3	2	2	1	1	1	2	2
602.4	2	3	2	2	2	2	1	1	2	1	1
Average	2.5	2.5	1.75	2.25	1.5	1.5	1.75	1	1.75	1.5	1.25

Suggested Readings

1. R.A Musgrave and PB Musgrave – Public finance – Tata McGrawhill
2. GovindaRao and Singh – Political Economy of Federalism in India- Oxford.
3. GovindaRao – State Finances in India Issues and Challenges (Article) EPW- 03-08- 2012.
4. Shankar Acharya – Thirty Years of Tax Reforms in India (Article) EPW -14-05-1995.

Bachelor of Arts Economics (Sem-VI)
Indian Economics-II
DSC-2 Elective 1 B-ECO-602

External marks:120
Internal Marks:30
Total Marks: 150
Credit :6

Note:

- (i) Nine Questions will be set in all and students will be required to attempt 5 questions.
- (ii) Question No. 1 will be compulsory and will consist of PART-A & B, comprising 15 and 9 marks respectively. All Qs of PART-A and 3 Qs out of 6 from part-B are to be attempted
- (iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (24 marks each)

Content	Learning objectives
UNIT-I Industry&Services 1.1 Role of Industrialisation. 1.2 Industrial Policy-1991 onwards 1.3 New Economic reforms-concepts i- Liberalisation ii-Privatisation iii-Globalisation 1.4 Small&largeIndustry-Growth&problems 1.5 Growth of knowledge-based industry- IT,Software,Consultancy	1.1&1.2 Objective is to acquaint the students with role of Industrialisation& Indian policy 1.3,&1.4 To introduce the students about economic reforms in Indian economy, its present undercurrents,and Small scale Industries' problems&prospects 1.5 Objective is to apprise the students with major developments in knowledge based industry in India- IT,Software and Consultancy.
UNIT-II Labour 2.1.Meaning&classification of labour market 2.2. Characteristics of Industrial labour and agricultural labour 2.3. Industrial Disputes:causes,measures for settlement 2.4. Social Security measures in &new labour code in India	2.1,2.2,2.3&2.4 The students are expected to be introduced to Labourmarket,its nature in relevance to India. A general idea about Industrial disputes and social security measures in India
UNIT -III Planning 3.1.Meaning,concepts,needs,objectives 3.2.Types of Planning-merits&demerits 3.3 Objectives,achievements,failures of Five year plans 3.4. NITI Ayog and new planning perspective	3.1,3.2,3.3&3.4 Aims at making students learn about planning in India ,its nature, types of planning and evaluation of plans and planning system .Students are expected to know updates about the objectives of current plan.
UNIT-IV External sector	4.1,4.2&4.3

4.1.Trends&composition of India's imports 4.2.Trends&direction of India's exports 4.3.Latest EXIM policy of India in relation to trade liberalization,and its impact 4.4. FDI,FII and MNCs in India. 4.5. External borrowings&BoP problem in India 4.6.International Institutions (IMF, WB, WTO) and the Indian Economy.	Aim is to make the students apprised of the Foreign trade of India,composition&trends of Imports&exports,EXIM policy measures and thrust areas 4.4&4.5 The students are expected to learn about FDI,FII trends and MNCs' role and relevance. 4.6 The students are to be imparted knowledge about organization, functions,role of IMF,WB,WTO in relation to Indian economy
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OVERVIEW OF OUTCOMES

CORE COURSE- Indian Economics-II

After the successful completion of the course, the students will be able to Course Objective #

601.1 Have understanding about Industrialisation in India,growth of Small ,large and knowledge-based industry in India

601.2 Have perception about nature of Indian labour market,Industrial disputes and social security measures ,and new labour code in India

601.3 Have knowledge about Planning in India,plan process and mechanism, evaluation of plan system ,NITI aayog and new planning perspective .

601.4 Have understanding about Foreign trade of India,Balance of Payments issues,functions&role of International monetary and trade institutions.

CORE-COURSE- INDIAN ECONOMY-2

CO#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
601.1	3	3	1	2	1	2	1	1	2	1	1
601.2	3	3	2	2	1	1	2	1	2	1	1
601.3	3	3	2	2	2	2	1	1	1	2	2
601.4	3	3	2	2	2	2	1	1	2	1	1
Average	3	3	1.75	2	1.5	1.75	1.25	1	1.75	1.5	1.25

Suggested Readings:

1. Datt, Gaurav and Mahajan, Ashwani "Dutt&Sundharam Indian Economy" S. Chand & Company (Latest Ed.).

2. Dhar, P.K. "Indian Economy – Its Growing Dimensions" Kalyani Publishers (Latest Ed.).

3. Goel, M.M. (2014): Indian Economy Long Term Challenges & Policy Measures, Monograph N.91, A GunaGauravNyas Publications Think Line
4. Goel, M.M. (2012) “Economics of Human Resource Development in India” VK Global Publications
5. Government of India, Economic Survey (Annual), Ministry of Finance, New Delhi.
6. Government of India, Planning Commission; Five Year Plan Document.
7. Kapila, Uma “Indian Economy: Performance and Policies” Academic Foundation, New Delhi (Latest Edition).
8. Kapila, Uma “Indian Economy since Independence” Academic Foundation, New Delhi (Latest Edition).
9. Mishra S. K. and Puri, V. K. “Indian Economy”, Himalaya Publishing House (Latest Ed.)
10. Monthly Issues of Journals “Kurukshetra” and “Yojana”.

Bachelor of Arts Economics (Sem. VI)
Economics of Development-II
GE-2 B-ECO-603

External marks:120
Internal Marks:30
Total Marks: 150
Credit :6

Note:

- (i) Nine Questions will be set in all and students will be required to attempt 5 questions.

- (ii) Question No. 1 will be compulsory and will consist of PART-A & B, comprising 15 and 9 marks respectively. All Qs of PART-A and 3 Qs out of 6 from part-B are to be attempted
- (iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (24 marks each)

Content	Learning objectives
UNIT-I 1.1. Structural Shifts with Economic Development 1.2. Relative importance of Agriculture, Industry and Services 1.3. Role of Infrastructure in Economic Development; Development gap and convergence hypothesis	1.1&1.2 Objective is to introduce the students to the structural changes during Growth & Economic development 1.3&1.4 The content is meant to describe and discuss the role of infrastructure in economic development and growth, and could developing countries catch up with growth rates of developed countries
UNIT-II 2.1. Trade and Development – Free trade vs Protection; Tariffs and Non-tariff barriers to trade 2.2. Export Promotion and Import Substitution 2.3. Trade as an Engine of Growth 2.4. Terms of Trade and secular deterioration in terms of trade for less developed countries.	2.1&2.2 The students are expected to be introduced to the linkages between Trade and economic development as well as the nature and working of tariffs and quotas for import substitution. 2.3&2.4 Aim is to make the students learn about nature and significance of trade as a drive to economic growth, as well as the conceptual and applied significance of Terms-of-trade, and also how the terms of trade moved against Less developed countries
UNIT -III 3.1. Environment-Economy Linkage 3.2. Management of Common Property Resources 3.3. Prevention, Control and Abatement of Pollution 3.4. Sustainable Development: Concept and Indicators	3.1,3.2&3.3 Objective is to give an understanding to the students about linkage of environment and development, Environment resource management, as well as pollution control measures. 3.4 The students are expected to learn about sustainable development, concepts and indicators of sustainable development.
UNIT-IV 4.1. Capital and Technical Progress 4.2 Capital, labor saving and neutral technical progress 4.3. Investment in human capital: education & women education.	4.1&4.2 Aim is to make the students apprised of the capital and its relationship to technical progress; types of technical progress 4.3 The students are expected to learn about Human

	resource development through education and women education
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OVERVIEW OF OUTCOMES

CORE COURSE- ECONOMICS OF DEVELOPMENT-2

After the successful completion of the course, the students will be able to Course Objective #

603.1 Have understanding about structural changes in development process, relative importance of three sectors, dynamics of changes, infrastructure sector and development gap.

603.2 Have perception about nature and process of trade and its role in economic development, gains from trade; terms of trade, trade policies, protectionist measures as import substitution.

603.3 Have knowledge about environment-economy linkage, Management of common property resources, Sustainable development goals and strategies.

603.4 Have understanding about role of capital and technical progress, Investment in human capital and gains from women education.

CORE-COURSE- Economics of Development-II

CO#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
603.1	3	3	1	2	1	2	1	1	2	1	1
603.2	3	3	2	2	1	1	2	1	2	1	1
603.3	3	3	2	2	2	2	1	1	1	2	2
603.4	3	3	2	2	2	2	1	1	2	1	1
Average	3	3	1.75	2	1.5	1.75	1.25	1	1.75	1.5	1.25

Suggested Readings

- Adelman, I. (1961), Theories of Economic Growth and Development, Stanford University Press, Stanford.
- Behrman, S. and T.N. Srinivasan (1995), Handbook of Development Economics, Vol. 1 to 3, Elsevier, Amsterdam.
- Ghatak, S. (1986), An Introduction to Development Economics, Allen and Unwin, London.
- Hayami, Y. (1997), Development Economics, Oxford University Press, New York. • Higgins, B. (1959), Economic Development, Norton, New York. • Kindleberger, C.P. (1977), Economic Development, 3e, McGraw Hill, New York.
- Meier, G.M. (1995), Leading Issues in Economic Development, 6e, Oxford University Press, New Delhi. • Myint, Hla (1965), The Economics of Underdeveloped Countries, Preager, New York.
- Myint, Hla (1971), Economic Theory and Under Developed Countries, Oxford University Press, New York.
- Thirlwall, A.P. (1999), (6th Edition), Growth and Development, Macmillan, London.

KURUKSHETRA UNIVERSITY, KURUKSHETRA
(Established by the State Legislative Act XII of 1956)
(“A+” Grade, NAAC Accredited)

Scheme of Examination of B.A. (Hons.) in Economics Semester 1st to Semester 6th w.e.f. Session 2020-2021, Under Choice Based Credit System/LOCF in phased manner for the regular students of Institute of Integrated and Honors Studies, K.U. Kurukshetra.

Semester	Course Code	Course Name	Credit	Teaching Hour per week	Scheme of Examination			Time
					Theory	Internal Assessment	Total Marks	
Ist	CC-1 H-ECO-1001	Micro Economics-I	6	6	120	30	150	3
	CC-2 H-ECO-1002	Macro Economics-I	6	6	120	30	150	3
	AECC-1	English Communication/MIL Communication/EVS (As per respective Department)	2	2	40	10	50	2
	GE-1	English/Hindi (As per respective Department)	6	6	120	30	150	3
IInd	CC-3 H-ECO-2001	Micro Economics-II	6	6	120	30	150	3
	CC-4 H-ECO-2002	Macro Economics-II	6	6	120	30	150	3
	AECC-2	English Communication/MIL Communication/EVS (As per respective Department)	2	2	40	10	50	2
	GE-2	English/Hindi (As per respective Department)	6	6	120	30	150	3
IIIrd	CC-5 H-ECO-3001	Money & Banking	6	6	120	30	150	3
	CC-6 H-ECO-3002	Mathematics For Economics	6	6	120	30	150	3
	CC-7 H-ECO-3003	History of Economic Thought	6	6	120	30	150	3
	SEC-1	Computer Science Level-1/ Personality Development/MOOC (As per respective Department)	2	2	40	10	50	2
	GE-3	English/Hindi (As per respective Department)	6	6	120	30	150	3

IVth	CC-8 H-ECO-4001	Public Economics	6	6	120	30	150	3
	CC-9- H-ECO-4002	Statistics for Economics	6	6	120	30	150	3
	CC-10 H-ECO-4003	Environment Economics	6	6	120	30	150	3
	SEC-2	Computer Science Level-1/ Personality Development/MOOC (As per respective Department)	2	2	40	10	50	2
	GE-4	English/Hindi (As per respective Department)	6	6	120	30	150	3
Vth	CC-11 H-ECO-5001	Development Economics & Planning-I	6	6	120	30	150	3
	CC-12- H-ECO-5002	Issues in Indian Economy	6	6	120	30	150	3
	DSE-1 H-ECO-5003	Introductory Econometrics	6	6	120	30	150	3
	DSE-2 H-ECO-5004	Comparative Economic Development	6	6	120	30	150	3
	GE-5	English/Hindi (As per respective Department)	6	6	120	30	150	3
VIth	CC-13 H-ECO-6001	Development Economics & Planning-II	6	6	120	30	150	3
	CC-14- H-ECO-6002	International Economics	6	6	120	30	150	3
	DSE-3 H-ECO-6003	Economics of Finance	6	6	120	30	150	3
	DSE-4 H-ECO-6004	Economics of Health & finance	6	6	120	30	150	3
	GE-6	English (As per respective Department)	6	6	120	30	150	3

*Workload=1 Hour of teaching / 2 hours of practical work = 25 marks

*MIL stands for Modern Indian Languages

*GE: Generic Elective@ 6 credits. Available in English only(As per respective Department)

*CC: Core courses are fourteen @ 6 credits per semester.

*AECC: Ability Enhancement Compulsory Course are two @ 2 credits per Semester. (Available in Sem. 1 and Sem. 2) (As per respective Department)

*SEC: Skill Enhancement Course is four. @ 2 credits per semester, exist in Sem. 3 and Sem. 4(As per respective Department)

*DSE: Discipline Specific Elective are four @ 6 credits per semester. Available in Sem. 5 &Sem. 6

*General elective may be other than economics.

KURUKSHETRA UNIVERSITY, KURUKSHETRA
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Scheme and Syllabus of Examination of B.A Economics (Honors) Semester 1st to Semester 6th w.e.f. Session 2020-2021, Under Choice Based Credit System/LOCF in phased manner for the regular students of Institute of Integrated and Honors Studies, K.U. Kurukshetra.

PROGRAMME OUTCOMES (POs) for UG course of Economics

- 1- To develop skills in graduate students so that they are able to acquire theoretical and practical knowledge about economics, economy, economic behavior, economic policies and economic institutions and economic problems.
- 2- To inculcate ability in students for critical thinking, lateral thinking about economic phenomena, problems and policies so as to create professional potential in them
- 3- To create awareness on ethical issues, good business practices, and ecology-economics interface
- 4- To develop ability in youth for understanding basic economic rationality and effective communication skills
- 5- To prepare youth for career in teaching, industry, government organizations and self-entrepreneurship
- 6- To make students aware of natural resources, sustainable use and environment
- 7- To provide learning experience in students that instills deep interest in economic science for the benefit of society.

PROGRAMME SPECIFIC OUTCOMES (PSOs) for UG course in Economics (Honors)

PSO1: demonstrate the knowledge and understanding of economic science i.e vital processes of economy, consumer and producer behavior at micro level and macro-level

PSO2: critically think and correlate the economics knowledge with decision-making with regard to economic planning and economic policies, understanding of conflicts and tradeoffs and welfare implications of economic measures to improve the quality of life in person as well as of community.

PSO3: demonstrate an understanding of the principles, methods of economic analysis in static and dynamic terms, analysis of economic data

PSO4: concise and meaningful writing and reporting, effective presentation skills, and ability to work productively in a group with co-operation

B.A. Honors (Economics)
Semester-1
Micro Economics-I
CC-1 H-ECO-1001

External marks:120
Internal Marks:30
Total Marks: 150
Time: 3 hours
Credits:6

Note:

- (i) Nine Questions will be set in all and students will be required to attempt 5 questions.
- (ii) Question No. 1 will be compulsory and will consist of PART-A & Comprising 15 and 9 marks respectively. All Qs of PART-A and 3 Qs out of 6 from part-B are to be attempted
- (iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (24 marks each)

Content	Learning objectives
UNIT-I (i-a) Introduction Nature and Scope of Economics, Methodology of Economics Choice as an economic problem, and Production Possibility Frontier (i-b) Demand analysis Law of demand, Elasticity of demand (Price, Income & cross); degrees & measurement, determinants & Importance	i-a To introduce the students about microeconomics, its nature, scope, importance; Choice as basic economic problem, and production possibility frontier The aim is to make students attuned with economics as introduced at fresher's level, its subject-matter, and its nature. Also to make a student learn about the basic economic problem of choice and production possibility frontiers i-b is meant to make student acquainted with consumer behavior in terms of law of demand, and Elasticity of demand

<p>UNIT-2</p> <p>(ii-a) Consumer Behaviour Cardinal & ordinal utility analysis, and consumer equilibrium, Revealed Preference hypothesis</p> <p>(ii-b) Consumer's Surplus Concepts & measurement (cardinal & ordinal), Compensating Variation Principle, Importance of the concept</p>	<p>ii-a Objective is to acquaint the students with laws relating to consumption, and approaches to consumer's behavior: Neo-classical, and later developments</p> <p>ii-b The contents under this section are designed to make students learn about the Consumer's surplus, and the measurement by different approaches.</p>
<p>UNIT-3</p> <p>(iii-a) Producer's behavior Law of Variable Proportions, Returns to scale, Characteristics of Isoquants, Ridge lines, Least cost combination of factors, Internal and External, Economies & diseconomies</p> <p>(iii-b) Supply Law of supply, movements and shifts in supply curve, elasticity of supply (degrees, measurement and importance)</p>	<p>iii-a The contents under this section are designed to make students learn about the producer or firm's behaviour as laws of returns in short-period and long period, and least cost combinations, along with economies of scale</p> <p>iii-b A general idea about the supply and supply law, changes in supply, and sensitivity of supply to price</p>
<p>UNIT-4</p> <p>(iv-a) Cost Analysis Concepts of costs and their inter-relationship, Short-period costs and Long period costs, Modern theory of costs</p> <p>(iv-b) Revenue Concepts of Revenue; total, average and marginal Revenue and their relationships, Break-even analysis & its uses</p>	<p>iv-a Objective is to make students' exposure to costs, and behavior of costs-short-period and long-period, with traditional and modern view</p> <p>iv-b The students are expected to learn about revenue concepts and their relationships, and break-even analysis of a firm</p>

Overview of Outcomes

Core Course- Microeconomics-1

After the successful completion of the course, the students will be able to Course Objective #

1001.1 Have insight about the economics, the economic problem and consumer behavior in terms of demand and its elasticity

1001.2 Have further understanding of consumer behavior in terms of indifference curves, revealed preference, and analysis of consumer surplus

1001.3 Have knowledge about nature of production, and producer behavior in terms of laws of production, economies and diseconomies of scale, and elasticity of supply

1001.4 Have understanding about Revenue, Cost concepts & inter-relationships about costs, and revenue, break-even analysis.

Core-Course- Microeconomics-1

CO#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
1001.1	3	3	1	2	1	2	1	3	1	2	1
1001.2	3	3	2	2	1	1	1	3	1	2	1
1001.3	3	3	1	2	2	1	1	3	1	2	1
1001.4	3	3	1	2	2	1	1	3	1	2	1
Average	3	3	1.25	2	1.5	1.25	1	3	1	2	1

Suggested Readings:

1. *Paul A. Samuelson: Micro Economics*
2. *Koutsoyiannis: Modern Micro Economics*
3. *C.S Barla: Advanced Micro Economics*
4. *N.C.Ray: An Introduction to Micro Economics*
5. *Hal R. Varian: Micro Economic Analysis*
6. *Dominick Salvatore: Micro Economic Theory*
7. *H.L. Ahuja: Modern Micro Economics*
8. *M.L. Seth: Micro Economics*
9. *T.R.Jain & A.S.Sandhu : Micro Economics*
10. *Amit Sachdeva : Micro Economics*
11. *Richard G.Lipsey : An Introduction to Positive Economics*
12. *J.M.Joshi: Theory of Value, Distribution and Welfare Economics*

BA Honors (Economics)
Semester-1
Macro Economics-I
CC-2 H-ECO-1002

External marks:120
Internal Marks:30
Total marks:150
Time: 3 hours
Credits:6

Note:

- (i) Nine Questions will be set in all and students will be required to attempt 5 questions.
- (ii) Question No. 1 will be compulsory and will consist of PART-A & B, comprising 15 and 9 marks respectively. All Qs of PART-A and 3 Qs out of 6 from part-B are to be attempted
- (iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (24 marks each)

Content	Learning objectives
UNIT-I (i-a) Introduction Nature and Scope of Macro-Economics, Difference between Micro and Macro-economics, Importance of macro-economics (i-b) National Income Concept, measurement and limitation of National income Statistics; Circular Flow of income in two, three and four sector economy	i-a Objective is to introduce the students about macroeconomics, its nature, scope, importance with the aim is to make students acquainted with macro-economics as introduced at fresher's level, its subject-matter, and its nature. i-b is meant to give a broad and indepth view of National Income concepts and measurement, and circular flow of Income
UNIT-2 (ii-a) Determination of Income and employment Classical Theory of employment, Say's law of markets and its implications, Keynesian objections to classical theory, Keynesian theory of employment	ii-a Objective is to acquaint the students with approaches relating to determination of Income and employment-Classical model, its limitations; followed by Keynes' model. The students are expected to learn the basic comparison between the two approaches

<p>UNIT-3</p> <p>(iii-a) Consumption</p> <p>Consumption function, technical attributes of consumption, Keynes' psychological law of consumption, and its implications, External, Empirical evidence</p> <p>(iii-b) Income-consumption relationship</p> <p>Absolute & Relative Income hypothesis, Permanent income Hypothesis, Life Cycle hypothesis.</p>	<p>iii-a</p> <p>Objective is to make students' exposure to the concept of consumption function, and its attributes</p> <p>iii-b The students are expected to learn about Income-consumption relationship in short run and long run in terms of the various kinds of Income-Absolute Income, Relative Income, Permanent Income and Income over life cycle.</p>
<p>UNIT-4</p> <p>(iv-a) Investment Function</p> <p>Types of Investment, determination of level of investment, Marginal Efficiency of Capital</p> <p>(iv-b) Theories of Investment</p> <p>Classical and Keynesian Theory of Investment (Marginal Efficiency of Investment), Saving-investment equality</p>	<p>iv-a</p> <p>aims at pupils' understanding of macroeconomic aggregate of investment; factors which determine investment, and MEC and its role.</p> <p>iv-b</p> <p>Objective is to make students learn about different approaches to investment or capital stock adjustment; and about the mechanism of saving –investment</p>

Overview of Outcomes

Core Course- Macroeconomics-1

After the successful completion of the course, the students will be able to

Course Objective

- 1002.1 Have insight about the macroeconomics, national income, concepts and measurement
- 1002.2 Have further understanding of economy in terms of equilibrium level of income employment-classical and Keynesian approach
- 1002.3 Have knowledge about nature of consumption function, and Consumption-income relationship in short and long run
- 1002.4 Have understanding about Capital, investment function, decision to invest, and theories of investment

Core-Course- Macroeconomics-1

CO#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
1002.1	3	3	1	2	1	2	1	3	1	2	1
1002.2	3	3	2	2	1	1	1	3	1	2	1
1002.3	3	3	1	2	2	1	1	3	1	2	1
1002.4	3	3	1	2	2	1	1	3	1	2	1
Average	3	3	1.25	2	1.5	1.25	1	3	1	2	1

Suggested Readings:

1. Lipsey R.G. and K.A. Chrystal (1999) *"Principles of Economics"*, 9th Ed., Oxford University Press.
2. Ackley, G (1978), *"Macroeconomics: Theory and Policy"*, Macmillan, New York.
3. Branson, W. A. (1989), *"Macroeconomic Theory and Policy"*, 3rd Ed., Harper & Row, New York.
4. Shapiro, E (1996), *"Macroeconomic Analysis"* Galgotia Publication, New Delhi.
5. Stiglitz J. E. and Carl E. Walsh (2002) *Principles of Macroeconomics*, W.W. Norton & Company, New York.
6. Paul Samuelson and Nordhaus: (2005) *"Economics"* (18th Ed.) Tata Hill Publishing Company, New Dehli.
7. Mankiw N. Gregory: (2007) *"Principles of Economics"*, Thomson, Indian Reprint.
8. Lipsey R.G. and K.A. Chrystal (2007) *"Economics"*, Oxford University Press. Oxford.

B.A. Economics (Honors)
Semester-II
Micro Economics-II
CC-3 H-ECO-2001
External marks:120
Internal Marks:30
Total marks;150
Time: 3 hours
Credits:6

Note:

- (i) Nine Questions will be set in all and students will be required to attempt 5 questions.
- (ii) Question No. 1 will be compulsory and will consist of PART-A & B, comprising 15 and 9 marks respectively. All Qs of PART-A and 3 Qs out of 6 from part-B are to be attempted
- (iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (24 marks each)

Content	Learning objectives
UNIT-I (i-a) Theory of firm Market: types and equilibrium, Perfect competition: characteristics, Short and long run equilibrium of firm and industry, Supply curve (Short and long run of firm and Industry) (i-b) Monopoly: characteristics, Short and long run equilibrium of firm, Discriminating monopoly, Degree of Monopoly power	(i-a) has the objective of introducing students with elaborate view of Perfectly competitive Firm and its equilibrium in short and long-run. (i-b) aims at making the students acquainted with behavior of a monopolist under different situations. conceptual and practical implications.
UNIT-2 (ii-a) Monopolistic competition Characteristics, Short-run and long-run equilibrium of the firm; Group Equilibrium, Product differentiation and Selling Costs (ii-b) Oligopoly Non-collusive (Cournot, Bertrand and Kinked demand models), Collusive oligopoly (Cartels, Price leadership)	(ii-a) aims at giving the pupils knowledge about monopolistic competitive firm, and its behavior under different situations (ii-b) has the objective of giving knowledge about Oligopoly firm, and its pattern of behavior under collusion and non-collusion condition
UNIT-3 (iii-a) Theory of factor pricing Marginal productivity theory of	iii-a aims at developing understanding in students' mind about pricing of factors, and classical and modern approach related to

distribution;Modern Theory of Distribution,Rent,Wage,Interest,Profit (iii-b) Collective Bargaining Collective Bargaining:Types,Process,Issues and Structures of bargaining,Role&Importance	factor pricing.The theories to which students need to be given exposure is Ricardian theory and Modern theory of rent. iii-b This has the objective of introducing students about the elements of collective bargaining
UNIT-4 (iv-a)General Equilibrium Concepts of partial and general equilibrium, Walras' Excess Demand model,Existence,Stability and Uniqueness of General Equilibrium (iv-b) Welfare Economics Pareto Optimality Criterion,and its limitations	iv-a has the objective of explaining General equilibrium ,and its condtions to the students iv-b aims at introducing the basics of welfare economics.

Overview of Outcomes

Core Course- Microeconomics-II

After the successful completion of the course, the students will be able to

Course Objective

2001.1 Have insight about the theory of firm under perfect competition and monopoly.Detailed analysis of monopolist's behaviour

2001.2 Have further understanding of imperfect markets in terms of monopolistic competition and Oligopoly.

2001.3 Have knowledge about nature of factor pricing-traditional and modern view, rate of interest and profit,as well as bargaining process

2001.4 Have understanding about General equilibrium and elementary welfare economics.

Core-Course- Microeconomics-II

CO#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
2001.1	3	3	1	2	1	2	1	3	1	2	1
2001.2	3	3	2	2	1	1	2	3	1	2	1
2001.3	3	3	1	2	2	1	2	3	1	2	1
2001.4	3	3	1	2	2	1	2	3	1	2	1
Average	3	3	1.25	2	1.5	1.25	1.75	3	1	2	1

Suggested Readings:

1. *Paul A. Samuelson: Micro Economics*
2. *A Koutsoyiannis: Modern Micro Economics*
3. *C.S Barla: Advanced Micro Economics*
4. *N.C.Ray: An Introduction to Micro Economics*
5. *Hal R. Varian: Micro Economic Analysis*
6. *Dominick Salvatore: Micro Economic Theory*
7. *H.L. Ahuja: Modern Micro Economics*
8. *M.L. Seth: Micro Economics*
9. *T.R.Jain &A.S.Sandhu : Micro Economics*
10. *Amit Sachdeva : Micro Economics*
11. *Richard G.Lipsey : An Introduction to Positive Economics*
12. *J.M.Joshi: Theory of Value, Distribution and Welfare Economics*

B.A. Economics(Honors)
Semester-II
Macro Economics-II
CC-4 H-ECO-2002

External marks:120
Internal Marks:30
Total marks:150
Time: 3 hours
Credits:6

Note:

- (i) Nine Questions will be set in all and students will be required to attempt 5 questions.
- (ii) Question No. 1 will be compulsory and will consist of PART-A & B, comprising 15 and 9 marks respectively. All Qs of PART-A and 3 Qs out of 6 from part-B are to be attempted
- (iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (24 marks each)

Content	Learning objectives
UNIT-I (i-a) Keynesian multiplier Concept, Relation between Multiplier, MPC & MPS, Comparative static and dynamic process, Working of multiplier in UDCs (i-b) Acceleration principle and working of super-multiplier	(i-a) has the objective of introducing students with elaborate view of Investment multiplier process (i-b) aims at making the students acquainted with behavior of acceleration effect of output on induced investment
UNIT-2 (ii-a) Determination of general price level Classical and Keynesian theory of Money & prices; Inflation: types-cost push & demand pull inflation, Effects (ii-b) Inflation-unemployment trade-off (Phillips' contribution-introductory version)	(ii-a) aims at giving the pupils knowledge about Value of money and its fluctuations in terms of Inflation. (ii-b) has the objective of giving knowledge about inflation-unemployment relationship and trade off in terms of Phillips' explanation.

<p>UNIT-3</p> <p>(iii-a) Rate of Interest Keynesian and IS-LM theories of interest rate</p> <p>(iii-b) Macro-economic policies Monetary&Fiscal Policies (objectives, Instruments, policy-mix,limitations)</p>	<p>iii-a aims at developing understanding in students' mind about Keynesian theory of interest and IS-LM approach to equilibrium in money and real market.pricing.</p> <p>iii-b has the objective of introducing the students about mechanism of Monetary and Fiscal policies,and approaches to the mixing of these policies.</p>
<p>UNIT-4</p> <p>(iv-a)Trade Cycles Meaning,Types, Phases & theories of trade cycles:Hicks, Samuelson, Schumpeter, Kaldor (iv-b) Control measures Countercyclical measures for trade cycles: Monetary,Fiscal and Trade Policy measures</p>	<p>iv-a has the objective of explaining Business cycles,and their theories by selected economists</p> <p>iv-a Has the objective of apprising policy measures about trade cycles</p>

OVERVIEW OF OUTCOMES

CORE COURSE- MACROECONOMICS-II

After the successful completion of the course,the students will be able to

Course Objective #

2002.1 Have insight about the income generation process-multiplier effect of investment and acceleration effect of changes in output

2002.2 Have further understanding about the value of money and price level in the economy,and inflation process

2002.3 Have knowledge about nature and determination of rate of interest,working mechanism and co-ordination of monetary and fiscal policies

2002.4 Have understanding about business fluctuations in an economy,phases of trade cycles and mechanism,policy measures

Core-Course- Macroeconomics-II

CO#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
2002.1	3	3	1	2	1	2	1	3	1	2	1
2002.2	3	3	2	2	1	1	1	3	2	2	1
2002.3	3	3	1	2	2	1	1	3	2	2	1
2002.4	3	3	1	2	2	1	1	3	2	2	1
Average	3	3	1.25	2	1.5	1.25	1	3	1.75	2	1

Suggested Readings:

- 1 Lipsey R.G. and K.A. Chrystal (1999) “Principles of Economics”, 9th Ed., Oxford University Press.
2. Ackley, G (1978), “Macroeconomics: Theory and Policy”, Macmillan, New York.
3. Branson, W. A. (1989), “Macroeconomic Theory and Policy”, 3rd Ed., Harper & Row, New York.
4. Shapiro, E (1996), “Macroeconomic Analysis” Galgotia Publication, New Delhi.
5. Stiglitz J. E. and Carl E. Walsh (2002) Principles of Macroeconomics, W.W. Norton & Company, New York.
6. Paul Samuelson and Nordhaus: (2005) “Economics” (18th Ed.) Tata Hill Publishing Company, New Dehli.
7. Mankiw N. Gregory: (2007) “Principles of Economics”, Thomson, Indian Reprint.
8. Lipsey R.G. and K.A. Chrystal (2007) “Economics”, Oxford University Press. Oxford.

B.A. Economics (Honors)
Semester-III
Money & Banking
CC-5 H-ECO-3001

External marks:120
Internal Marks:30
Total marks:150
Time: 3 hours
Credits:6

Note:

- (i) Nine Questions will be set in all and students will be required to attempt 5 questions.
- (ii) Question No. 1 will be compulsory and will consist of PART-A & B, comprising 15 and 9 marks respectively. All Qs of PART-A and 3 Qs out of 6 from part-B are to be attempted
- (iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (24 marks)

Content	Learning objectives
UNIT-I (i-a) Money: functions, classification and significance. Money Supply: determinants, Alternative measures of money supply in India (concepts only), Money Multiplier (i-b) Money & Capital markets: Structure, Instruments, Role; Developed and underdeveloped money markets	(i-a) Aimed at introducing the students about fundamentals about money, and money supply in India (i-b) aims at making the students acquainted with behavior of money and capital markets, their structure, nature, mechanism and instruments of trading in these markets
UNIT-2 (ii-a) Banking: commercial banks: functions & importance, Process of credit creation. (ii-b) Reserve Bank of India: Functions; Instruments of credit control, Recent Monetary policy of RBI	(ii-a) aims at giving the pupils knowledge about banking, functions of commercial banks, and credit creation process. (ii-b) has the objective of giving knowledge about RBI, its monetary policy instruments, and review of the latest monetary policy notifications
UNIT-3 (iii-a) Financial sector: money and capital market in India: Structure, functions and significance, SEBI: powers & functions (iii-b) Non-Bank Financial Intermediaries: Role and significance; Recent Financial sector reforms in	iii-a aims at developing understanding in students' mind about money and capital market processes in Indian context, as well as the role regulatory bodies iii-b has the objective of introducing the students about mechanism of NBFIs, and policy

India	measures taken up for Financial sector reforms
UNIT-4 (iv-a) Exchange rate determination: fixed and flexible exchange rates (iv-b) Theories of exchange rates; Mint par ,Purchasing power parity,Balance of payments theory	iv-a has the objective of describing and explaining the exchange rates, nature,and role of fixed and flexible exchange rates in historical and present context iv-b Aims at explaining the determination of equilibrium exchange rates, and causes of fluctuations in exchange rates

Overview of Outcomes
Core Course- Money&Banking

After the successful completion of the course, the students will be able to Course Objective #

3001.1 Have insight about the money, money supply, Money & Capital Markets-organization,structure and working.

3001.2 Have further understanding of Banking, commercial banks functions&credit creation,RBI and credit control measures

3001.3 Have knowledge about nature of financial sector-money and capital market of India,Non-bank financial intermediaries

3001.4 Have understanding about exchange rates, and exchange rate mechanism,theories of exchange rate determination,adjustments

Core-Course- Money&Banking

CO#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
3001.1	3	3	1	2	1	2	1	3	1	2	1
3001.2	3	3	2	2	1	1	1	3	2	2	1
3001.3	3	3	1	2	2	1	2	3	1	2	1
3001.4	3	3	1	2	2	1	2	3	2	2	1
Average	3	3	1.25	2	1.5	1.25	1.5	3	1.5	2	1

Suggested Reading:

1. Bailey Roy (2005) The Economics of Financial Markets
2. D.M. Mithani: Money, Banking and Public Finance
3. A.D. Bain (1992) Economics of the Financial System

4. Suraj.B.Gupta: Monetary Economics - Institutions, Theory & Policy;S Chand publications
5. Suraj.B.Gupta:Monetary Planning for India
6. Khan,MY: Indian Financial System;Tata-McGrawhill
7. M.K. Lewis (2000), Monetary Economics, OUP
8. M.R. Baye, D.W. Jansen (1996), Money Banking and Financial Markets, AITBS, (Indian Edition)
9. Maurice Levi (1999), International Finance, Tata McGraw Hill
10. L.M. Bhole (1999), Financial Institutions and Markets, Tata Mcgraw Hill
11. R.R.Paul “Monetary Economics”
12. R.B.I. Bulletin, Annual Report; Report on Currency and Finance
13. R.B.I. - Report of the Committee on the Financial System (Narasimham Committee Report I)

B.A Economics (Honors)
Semester-III
Mathematics for Economics
CC-6 H-ECO-3002

External marks:120
Internal Marks:30
Total: 150
Time: 3 hours
Credits:6

Note:

- (i) Nine Questions will be set in all and students will be required to attempt 5 questions.
- (ii) Question No. 1 will be compulsory and will consist of PART-A & B, comprising 15 and 9 marks respectively. All Qs of PART-A and 3 Qs out of 6 from part-B are to be attempted
- (iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (24 marks each)

Content	Learning objectives
UNIT-1 (i-a) Elementary Set theory Operations on sets; ordered pairs, Cartesian products of sets, The Real numbers, Natural numbers, Integers, Rational and Irrational numbers (i-b) Functions: Types of Functions in economic theory- Revenue, Cost, Demand, Production and profit functions; Limit and continuity of functions	(i-a) Aimed at introducing the students about fundamentals of Number system, and Set operations (i-b) aims at making the students acquainted with Functions, and limit & continuity of functions, and economic applications
UNIT-2 (ii-a) Matrices & determinants: Addition and multiplication of matrices; Minors and co-factors of a matrix; Inverse of a matrix, and Cramer's Rule (ii-b) Input-Output Analysis (basic idea only)	(ii-a) aims at giving the pupils knowledge about matrices and operations on matrices. (ii-b) has the objective of giving basic knowledge about Input-output analysis
UNIT-3 (iii-a) Simple Derivatives: First Principles method, Rules of Differentiation; Economic Applications	iii-a aims at developing understanding in students' mind about derivatives and differentiation, and economic application of derivatives

(iii-b) Partial Derivatives; Basic idea of Partial Derivatives	iii-b has the objective of introducing the students about Partial derivatives at basic level.
UNIT-4 (iv-a) Maxima and Minima, Unconstrained maxima and minima (one variable only) with economic applications (iv-b) Integration: Basic idea of Integration, Application of Integration in economics (Consumer and Producer surplus only)	iv-a has the objective of describing and explaining the differentiation concepts of Maxima and Minima, with economic applications iv-b Aims at explaining the methods of Integration, and application in economics for two cases only

Overview of Outcomes

Core Course- Mathematics for Economics

After the successful completion of the course, the students will be able to

Course Objective

- 3002.1 Have knowledge about the set theory and functions, functions in economics
3002.2 Have understanding of Matrices and Input-output analysis
3002.3 Have knowledge about simple derivatives, partial derivatives and their economic applications
3002.4 Have understanding about maxima and minima, and Integration, and application of integration in economics.

Core-Course- Mathematics for Economics

CO#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
3002.1	3	3	1	2	1	2	1	3	2	2	1
3002.2	3	3	2	2	1	1	1	3	2	2	1
3002.3	3	3	1	3	2	1	1	3	2	2	1
3002.4	3	3	1	2	2	1	1	3	2	2	1
Average	3	3	1.25	2.25	1.5	1.25	1	3	2	2	1

1. Basic Reading List

2. *Mathematics for Economics* by Michael Hoy et al, PHI, New Delhi, 2004.
3. *Quantitative Methods for Business and Economics* by Adil H. Mouhammed, PHI, New Delhi, 2003.
4. *Quantitative Methods* by D.R. Aggarwal
5. *Basic Mathematics for Economists* by R.C. Joshi, New Academic Publishing
6. Leontief, W. (1936) *Quantitative input-output relations in the economic systems of the United States. Review of Economics and Statistics*, Vol 18, pp.105-125.
7. Miller, R.E. and P.D. Blair (1985) *Input-Output Analysis: Foundations and Extensions*. Prentice-Hall, Englewood Cliffs, New Jersey.
8. Proops, J., Faber, M. and Wagenhals, G. (1993) *Reducing CO2 Emissions: A Comparative Input-Output Study for Germany and the UK*, Springer-Verlag, Heidelberg.
9. Aggarwal, H.S. :*Modern Micro -Economics*, Konark, New Delhi, 1998.
10. Taro Yamane, *Mathematics for Economists*, PHI, 1973.
11. *Quantitative Techniques in Management* by N.D. Vohra, TMH.
12. *Operations Research* by R. Wagnor
13. *Operations Research* by Hamdy A. Taha
14. Allen R.G.D. (1974), *Mathematical Analysis for Economists*, Macmillan Press, London.
15. Black, J. and J.F. Bradley (1973), *Essential Mathematics for Economists*, John Wiley and Sons.
16. Chiang, A.C. (1986), *Fundamental Methods of Mathematical Economics* (3rd Edition), McGraw Hill, New Delhi.

B.A. Economics(Honors)
Semester-III
History of Economic Thought
CC-7 H ECO-3003

External marks:120
Internal Marks:30
Total Marks: 150
Time: 3 hours
Credits:6

Note:

- (i) Nine Questions will be set in all and students will be required to attempt 5 questions.
- (ii) Question No. 1 will be compulsory and will consist of PART-A & B, comprising 15 and 9 marks respectively. All Qs of PART-A and 3 Qs out of 6 from part-B are to be attempted
- (iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (24 marks each)

Content	Learning objectives
UNIT-I (i-a) Classical thought: Adam Smith-division of labor, Theory of value, Theory of growth (i-b) Ricardo: Theory of Rent, Distribution; Malthus- Theory of Population	(i-a) Aims at introducing the students about fundamentals of classical economics thought of Adam Smith (i-b) aims at making the students acquainted with economic thought of Ricardo on Rent and Malthus on Population
UNIT-2 (ii-a) Neo-classical thought: Jevons, Menger and Walras (Main economic ideas) (ii-b) Alfred Marshall as a great synthesizer; Price Determination, Consumer and Producer surplus, Elasticities and Quasi-rent	(ii-a) aims at giving the pupils knowledge about Neo-classical economic thought of Jevons, Menger and Walras. (ii-b) has the objective of giving knowledge about economic ideas of A Marshall on Price determination, elasticities, Consumer and Producer surplus and Quasi-Rent

<p>UNIT-3</p> <p>(iii-a)</p> <p>Keynesian Economics: underemployment equilibrium, Effective Demand, Marginal Efficiency of Capital, liquidity preference, role of state</p> <p>(iii-b)</p> <p>Austrian school of thought: Opportunity Cost, Time preference, Expected Utility</p>	<p>iii-a</p> <p>aims at developing understanding in students' mind about framework of concepts developed by JM Keynes-underemployment equilibrium and Effective demand, among others</p> <p>iii-b</p> <p>has the objective of introducing the students about basic conceptual contributions of Austrian school of thought</p> <hr/>
<p>UNIT-4</p> <p>(iv-a)</p> <p>Indian Economic thought: Main ideas of Kautilya Naroji, Vakil and Brahmanand, JK Mehta and AK Sen</p> <p>(iv-b)</p> <p>Main ideas of MDKC Gandhi</p>	<p>iv-a</p> <p>has the objective of detailing the evolution of economic ideas of Indian thinkers other than MDKC Gandhi</p> <p>iv-b</p> <p>Aims at introducing the students about Gandhian economics, its nature and significance</p>

Overview of Outcomes

Core Course- History of Economic Thought

After the successful completion of the course, the students will be able to Course Objective #

3003.1 Have knowledge about the classical economic thought: A Smith, D Ricardo, T Malthus

3003.2 Have understanding of Neo-classical thought- Jevons, Menger, Walras, Marshall

3003.3 Have knowledge about economic thought and concepts of JM Keynes and Austrian school of thought

3003.4 Have understanding about Indian thinkers about economics- MDKC Gandhi and others.

Core-Course- History of Economic Thought

CO#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
3003.1	3	3	1	2	1	2	1	1	1	2	1
3003.2	3	3	2	2	1	1	1	1	1	2	1
3003.3	3	3	1	2	2	1	2	1	1	2	1
3003.4	3	3	1	2	2	1	2	1	1	2	1
Average	3	3	1.25	2	1.5	1.25	1.5	1	1	2	1

Basic Reading List

1. *Blaug, M 1997, Economic Theory in retrospect, Cambridge Universitypress, Cambridge*
2. *Da Costa, G.C: Production, Prices and Distribution (1985) TMH, New Delhi*
3. *Dasgupta A.K. L (1985) Epochs of Economic Theory, Oxford Univ Press, New Delhi.*
4. *Ekelund and Hebert : A History of Economic Theory and Method (1990) McGraw Hill Publ Co. New York.*
5. *Eatwell, John, Murray Milgate, Peter Newman (1998): The New Palgrave _A Dictionary of Economics, Macmillan Reference Ltd.*
6. *Ghosh and Ghosh; Concise History of Economic Thought, Himalaya.*
7. *Gill Richard: (1972) Evolution of Modern Economics, Prentice Hall of India.*
8. *Hunt E.K : (:1990) History of Economic Thought, Wodsworth.*
9. *Morgan M. S. (1990), A History of Economic Ideas, Cambridge Univ Press. U.K.*
10. *Oser Jacob, and S., Brue L (1988) The Evolution of Economic Thought, Harcourt, NY*
11. *Puttaswamaiah K. (1995) : Nobel Economists-Lives and Contributions, Indus Publ Co., New Delhi.*
12. *Roll, Eric : (1973) A History of Economic Thought, Faber, London.*
13. *Seligman B.S: (1962), Main Currents In Modern Economics, Quadrangle, Chicago 32.*
14. *Serepanti E, and Zamagui Stefano: An Outline of Economic Thought, OUP.*
15. *Seshadri G.B: (1997), Economic Doctrines, B.R Publ Corp., New Delhi.*
16. *Spiegel H.W. (1971) The Growth of Economic Thought, N.C .Duke Univ, Durham.*
17. *Vohra P. and R. Mehta: Encyclopaedia of World Great Economists, Commonwealth.*

B.A. Economics (Honors)
Semester-IV
Public Economics
CC-8 H-ECO-4001

External marks:120
Internal Marks:30
Total Marks: 150
Time: 3 hours
Credits: 6

Note:

- (i) Nine Questions will be set in all and students will be required to attempt 5 questions.
- (ii) Question No. 1 will be compulsory and will consist of PART-A & B, comprising 15 and 9 marks respectively. All Qs of PART-A and 3 Qs out of 6 from part-B are to be attempted
- (iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (24 marks each)

Content	Learning objectives
UNIT-I (i-a) Introduction: Nature & scope of public economics; Public goods- concept, characteristics & types; Efficient provision of public goods (i-b) Market failure & externalities ; Principle of Maximum Social Advantage	(i-a) has the objective of introducing students with elaborate view of Public economics, its nature, scope, and the principles related to public goods (i-b) aims at making the students acquainted with market failure, causes, and the principal of efficient allocation
UNIT-2 (ii-a) Public Revenue: taxation, Classification, Canons & effects, Impact & Incidence of taxes- concepts and factors (ii-b) Public debt: sources, Methods of Public debt redemption, Effects of public borrowing	(ii-a) aims at giving the pupils knowledge about public revenue, its sources viz. Taxes, and the incidence and impact of taxes (ii-b) has the objective of giving knowledge about Public Debt, and sources, principles, and repayment.
UNIT-3 (iii-a) Public expenditure: meaning, classification, canons and effects (iii-b)	iii-a aims at developing understanding in students' mind about Public expenditure, nature and conceptual understanding about its ideal size and effects iii-b has the objective of introducing the

Factors affecting public expenditure, Wagner's law, Peacock-Wiseman Hypothesis	students about Causes and interrelationships explaining the trends of public expenditure
UNIT-4 (iv-a) Budget: concepts of Revenue and Capital expenditure; Deficit types (iv-b) Fiscal federalism in India, Centre-state financial relations, Latest finance commission report	iv-a has the objective of explaining Budget and its concepts, constituents, and deficit types iv-b Aims at imparting knowledge to students about fiscal federalism, and Centre-state financial relations, and highlights of Finance Commission recommendations

Overview of Outcomes

Core Course- Public Economics

After the successful completion of the course, the students will be able to Course Objective #

- 4001.1 Have insight about the Public economics-nature & scope, market failure
4001.2 Have understanding of public revenue, public debt: types, nature Effects, trends
4001.3 Have knowledge about nature of public expenditure-types, nature Effects, trends

4001.4 Have understanding about Budget, concepts of deficits, centre and states finances, financial relationship, Finance commission recommendations

Core-Course- Public Economics

CO#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
4001.1	3	3	1	2	1	2	2	3	1	2	1
4001.2	3	3	2	2	1	1	1	3	1	2	1
4001.3	3	3	1	2	2	1	1	3	1	2	2
4001.4	3	3	1	2	2	1	2	3	2	2	2
Average	3	3	1.25	2	1.5	1.25	1.5	3	1.25	2	1.5

Basic Reading List

1. Bruce, Neil, "Public Finance", Addison- Wesley Educational Publishers, Inc.
2. Jones, Philip and Cullis, Jones, "Public Finance and Public Choice- Analytical Perspectives", Oxford University press
3. Stiglitz, Joseph, "Economics of the Public Sector", W.W.Norton and Company, new York/London
4. Rosen, H.S., "Public finance", Tata McGraw Hill
5. McNutt, P.A., "The economics of Public Choice", Edward Elgar Publishing Inc.
6. Mueller, D.C., "Public Choice- I,II,III"Cambridge university Press, Cambridge
7. Downs, A., "An Economic Theory of Democracy", Harper and Row, New York
8. Musgrave R.A and Peacock A.T., "Classics in the Theory of Public Finance", Mcmillan

B.A. Economics (Honors)
Semester-IV
Statistics for Economics
CC-9 H-ECO-4002

External marks:120
Internal Marks:30
Total Marks: 150
Time: 3 hours
Credit: 6

Note:

- (i) Nine Questions will be set in all and students will be required to attempt 5 questions.
- (ii) Question No. 1 will be compulsory and will consist of PART-A &B,comprising 15 and 9 marks respectively.All Qs of PART-A and 3 Qs out of 6 from part-B are to be attempted
- (iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (24 marks each)

Content	Learning objectives
UNIT-I (i-a) Statistics: meaning, scope, importance, limitations; Frequency distributions-Bivariate and Cumulative (i-b) Central Tendency: Mean, Median,Mode;Harmonic&Geometric mean	(i-a) has the objective of introducing students with elaborate view of meaning, nature and scope of statistics,as well as about frequency distributions (i-b) aims at making the students acquainted with computation skills of the measures of central tendency-mean,median and mode along with geometric and harmonic mean
UNIT-2 (ii-a) Measures of Dispersion: Range, Quartile deviation, mean deviation and standard deviation, Coefficient of variation, Percentile rank (ii-b) Skewness and Kurtosis-Basic ideas and methods	(ii-a) aims at giving the pupils the computation skills and knowledge about Dispersion and its measures,and Percentile Rank (ii-b) has the objective of giving knowledge and skills of computation about skewness and Kurtosis
UNIT-3 (iii-a) Correlation&Regression:Co-variance formula of correlation,Properties,Rank correlation,Properties;Regression Analysis:regression equations ®ression lines,computation of parameters of regression	iii-a aims at developing understanding and computation skills in students about Correlation®ression and related concepts and their significance iii-b

<p>equations, standard error of estimate (iii-b)</p> <p>Elements of Sampling: types of sampling, sampling & non-sampling errors, determination of sample size, Central limit theorem (without proof)</p>	<p>has the objective of developing understanding in the students about elements of sampling and principles underlying it</p>
<p>UNIT-4</p> <p>(iv-a)</p> <p>Time series Analysis: concepts, components, methods of finding trend: Semi-average, Moving Average, Least Square, Ratio-to-average. (iv-b)</p> <p>Index numbers: types and uses, tests of consistency, Fisher's Ideal Index, Fixed-based and chain-based Index numbers; Problems in construction of index numbers, and the limitations of index numbers</p>	<p>iv-a</p> <p>has the objective of developing computation skills of the trends in Time series data by way of different methods</p> <p>iv-b</p> <p>Aims at imparting conceptual and applied knowledge to students about Index numbers, their construction, and tests of the consistency of Index numbers</p>

Overview of Outcomes

Core Course- Statistics for Economics

After the successful completion of the course, the students will be able to

Course Objective

- 4002.1 Have understanding about the nature and subject matter of Statistics, measures of central tendency-mean, mode and median
- 4002.2 Have understanding of measures of dispersion, elementary idea about concepts of skewness and kurtosis, and measurement
- 4002.3 Have knowledge about correlation, regression and sampling. Working Theoretical and computations skills in measurement of correlation Regression, along with sampling theory
- 4002.4 Have understanding about time series and Index numbers- theoretical and practical knowledge about computational problems.

Core-Course- Statistics for Economics

CO#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
4002.1	3	3	1	2	1	2	1	3	1	2	2
4002.2	3	3	2	3	1	1	1	3	1	2	1
4002.3	3	3	1	2	2	1	1	3	1	2	1
4002.4	3	3	1	3	2	1	1	3	1	2	1
Average	3	3	1.25	2.5	1.5	1.25	1	3	1	2	1.25

Basic Reading List

1. Vohra, N. D. Quantitative Techniques in Management, Tata McGraw Hill, New Delhi.
2. Speigal, M. R. Theory and Problems of Statistics, McGraw Hill Book, London
3. Croxton, F. E., D. Cowden and S. Klein, Applied General Statistics, Prentice Hall, New Delhi.
4. Gupta S.C. and V.K. Kapoor, Fundamentals of Applied Statistics, S. Chand and Sons New Delhi.
5. Yates, Frank, Sampling Methods for Census and Surveys, Charles, Griffin Co., London.
6. Cochran, W. G., Sampling Techniques, John Wiley, New York.
7. Hansen, Hurst and Meadow, Sample Survey Methods and Theory, John Wiley New York.
8. Gupta S. C. Fundamentals of statistics, Himalaya Publishing house, New Delhi.
9. Gupta S.P. and Gupta M. P. Business statistics, Sultan chand and sons, New Delhi.
10. Kamanta J. Elements of Econometrics, Macmillan Publishing Co., Inc. New York.

B.A Economics (Honors)
Semester-IV
Environment Economics
CC-10 H-ECO-4003

External marks:120
Internal Marks:30
Total Marks:150
Time: 3 hours
Credit: 6

Note:

- (i) Nine Questions will be set in all and students will be required to attempt 5 questions.
- (ii) Question No. 1 will be compulsory and will consist of PART-A &B, comprising 15 and 9 marks respectively. All Qs of PART-A and 3 Qs out of 6 from part-B are to be attempted
- (iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (24 marks each)

Content	Learning objectives
UNIT-I (i-a) Environment and Economy: nature & scope of environmental economics (i-b) Linkages between Environment & economy; Population-environment linkage	(i-a) Aims at introducing students about Environment, its nature & scope (i-b) Has the objective of making the students acquainted with linkages of environment with economy, population
UNIT-2 (ii-a) Market failure: Incomplete markets; externalities (ii-b) Environment as public good-Non-exclusive, Non-rivalry, Non-convexities; Asymmetric Information	(ii-a) aims at giving the pupils the perception and understanding about the concepts of market failure, incomplete markets and externalities (ii-b) has the objective of giving knowledge about environment as a specific type of public good, Its nature & characteristics, and the implications of asymmetric information
UNIT-3 (iii-a) Environment and Development: Natural resources, asset Markets Theory (iii-b)	iii-a aims at developing understanding in students about role of natural resources and Asset markets in environment-development linkage iii-b has the objective of developing knowledge and perception in the students about Sustainable development, Green GDP, and

Concept of Sustainable Development, Green GDP, Environmental Kuznet's curve	Kuznet's hypothesis
UNIT-4 (iv-a) Environmental Legislation: Pollution-causes, control and abatement; Environment Protection Mechanism in India (iv-b) Global Environmental issues: Climate change, trade & environment	iv-a has the objective of developing understanding about Legal provisions and framework about Environment protection, and pollution control iv-b Aims at imparting conceptual and applied knowledge to students about Global issues in environment viz climate change; trade & environment

Overview of Outcomes

Core Course- Environment Economics

After the successful completion of the course, the students will be able to

Course Objective

4003.1 Have insight about nature, scope & subject-matter of environmental Economics, Environment-economy linkages

4003.2 Have understanding of market failures, Environment as public good, asymmetry of information

4003.3 Have knowledge about nature of environment and economic development, sustainable development

4003.4 Have understanding about environment legislation, global Environmental issues, climate change

Core-Course- Environment Economics

CO#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
4003.1	3	3	1	2	1	2	1	3	1	2	1
4003.2	3	3	2	2	1	2	2	3	2	2	1
4003.3	3	3	2	2	2	2	1	3	2	2	2
4003.4	3	3	3	2	2	2	2	3	2	2	2
Average	3	3	2	2	1.5	2	1.5	3	1.75	2	1.5

Basic Reading List

- Henderson, J.M. and R.E. Quandt (1980), *Microeconomic Theory: A Mathematical Approach*, McGraw Hill, New Delhi.
- Hanley, N., J.F. Shogren and B. White (1997), *Environmental Economics in Theory and Practice*, Macmillan.
- Cropper, Maureen (1999), *Valuing Environmental Benefits*, Edward Elgar.
- Sankar, U. (Ed.) (2001), *Environmental Economics*, Oxford University Press, New Delhi.
- James, A.J., M. N. Murty and Smita Misra (1999), *Economics of Water Pollution –The Indian Experience*, Oxford University Press, New Delhi.

B.A. Economics (Honors)
Semester-V
Development Economics and Planning-I
CC-11 H-ECO-5001

External Marks:120
Internal Marks:30
Total Marks: 150
Time: 3 hours
Total Credits: 6

Note:

- (i) Nine Questions will be set in all and students will be required to attempt 5 questions.
- (ii) Question No. 1 will be compulsory and will consist of PART-A &B, comprising 15 and 9 marks respectively. All Qs of PART-A and 3 Qs out of 6 from part-B are to be attempted
- (iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (24 marks each)

Content	Learning objectives
UNIT-I (i-a) Basic concepts of economic development: Economic growth and development, concept of underdevelopment and basic characteristics, (i-b) Determinants and measurement of economic development, Sustainable economic development	(i-a) has the objective of introducing students with elaborate view of Economic development and underdevelopment, and its nature and features. (i-b) aims at making the students acquainted with behavior of the determinants of economic development, and Sustainable Economic development
UNIT-2 (ii-a) Theories of Economic development: Adam Smith, Mill (ii-b) Other theories: Karl Marx, Schumpeter	(ii-a) aims at giving the pupils knowledge and understanding about economic development theories, by A Smith and John S Mill. (ii-b) In continuation with objective of explaining development theories, the theories by K Marx and J Schumpeter are to be made understood to the students, in form as well as in essence.
UNIT-3 (iii-a) Different approaches to development: Vicious circle of poverty, Lewis' dual economy model	iii-a aims at developing understanding in students' mind about approaches to explain the nature, dynamics of economic under-development process, as given by Vicious cycle hypothesis and Dual economy model

(iii-b) Leibenstein's critical minimum effort theory,Balanced versus unbalanced growth theories	iii-b has the objective of introducing the students about mechanism of Critical Effort hypothesis,and Balanced and unbalanced growth strategy
UNIT-4 (iv-a) Economic Planning:Types,strategies& objectives, Plan process (iv-b) Economic policy:types,objectivesPolicy lags&trade offs,Macro-economic balances	iv-a has the objective of explaining the basics of economic planning,its strategies,operational framework iv-b aims at elaborating the objectives and types of economic policy,policy lags,trade-offs and macroeconomic balances

Overview of Outcomes

Core Course - Development Economics & Planning-I

After the successful completion of the course,the students will be able to Course Objective #

5001.1 Have knowledgeabout the basic concepts of economic development underdevelopment,determinants of economic development, sustainable development

5001.2 Have understanding of theories of economic development bySmith,Mill,Marx and Schumpeter

5001.3 Have knowledge about approaches to development-Lweis,Leibenstein,Balanced and unbalanced growth strategy

5001.4 Have understanding about Economic planning&policy. strategy and objectives of planning,mechanism of economic policy.

Core-Course- Development Economics&Planning-I

Co#	Po1	Po2	Po3	Po4	Po5	Po6	Po7	Pso1	Pso2	Pso3	Pso4
5001.1	3	3	1	2	1	2	1	3	1	2	1
5001.2	3	3	2	2	1	1	1	3	2	2	1
5001.3	3	3	1	2	2	2	1	3	2	2	2
5001.4	3	3	2	2	2	2	1	3	2	2	1
Average	3	3	1.5	2	1.5	1.75	1	3	1,75	2	1.25

Suggested Readings:

1. *Adelman, I, (1961), Theories of Economics Growth and Development, Stanford University Press, Stanford.*
2. *Barro, R. and X. Salai- Martin, Economics Growth, McGraw Hill, New York.*
3. *Chakravarti, S. (1982), Alternative Approaches to the Theory of Economic Growth, Oxford University Press, New Delhi.*
4. *Ghatak, S. (1986), An Introduction to Development Economics, Allen and Unwin, London.*
5. *Higgins, B.(1959), Economic Development, W.W. Norton, New York.*
6. *Kindleberger, C. P. (1977), Economics Development, (3rd Edition), McGraw Hill, New York.*
7. *Meier, G.M. and J.E. Rauch (2005), Leading Issues in Economics Development, (8th Edition), Oxford University Press, New Delhi.*
8. *Todaro, M.P. and S.C. Smith (2003), (8th Edition), Economics Development, Pearson Education, Delhi.*
9. *Thirlwal, A.P. (1999), (6th Edition), Growth and Development, Macmillan, U.K.*
10. *Mishra S.K. and V.K. Puri 'Economics Development and Planning. (Latest Edition)*
11. *Myer and Taneja 'Economics Development and Planning (latest Edition). Kalyani Publishers.*
12. *Lekhi, R.N. 'Economics of Development and Planning', (Latest Edition)*

B.A. Economics (Honors)
Semester-V
Issues in Indian Economy
CC-12 H-ECO-5002

External marks:120
Internal Marks:30
Total Marks: 150
Time: 3 hours
Credit:6

Note:

- (i) Nine Questions will be set in all and students will be required to attempt 5 questions.
- (ii) Question No. 1 will be compulsory and will consist of PART-A & B, comprising 15 and 9 marks respectively. All Qs of PART-A and 3 Qs out of 6 from part-B are to be attempted
- (iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (24 marks each)

Content	Learning objectives
UNIT-I (i-a) Basic Issues: Overpopulation, Poverty, Unemployment, Inequality (i-b) Urbanisation and Problem of civic amenities, Backwardness; Regional Imbalances	i-a is meant to address the basic issues of Indian economy in terms of Overpopulation, Poverty, Unemployment and Inequality, and create an understanding in students' minds about these. i-b aims at giving knowledge to students about other issues like urbanization, civic amenities, and regional imbalances
UNIT-2 (ii-a) Haryana Economy: basic features- growth & sectoral distribution of State Domestic Product, Declining sex ratio, and its social and economic implications; Regional Disparities in Haryana, Globalisation in Haryana economy, Concept of effective cities and Poverty eradication in Haryana (ii-b) Disaster Management in India: Role and importance of Disaster management	ii-a is meant for developing an understanding and perception of issues relating to Haryana economy. The understanding of Haryana issues will help them understand applied micro regional plan and strategies ii-b is meant for making understanding in students' mind about disaster management mechanism in India, and strategies.

measures,Strategies of disaster management	
UNIT-3 (iii-a) Human Resource Development;Role of education and health issues,problems&policies (iii-b) Labour Productivity;Issues, policies and Programmes,Gender and Development	iii-a aims at giving the pupils knowledge about role of healthcare and education ,and strategies. iii-b has the objective of addressing labour productivity and issues and measures,and role of women force in economic development
UNIT-4 (iv-a) Economic Reforms in India:Liberalisation,Privatisation and Globalisation;Need&raionale (iv-b) Competitiveness of Indian trade&Industry,Special Economic Zones,NITI aayog and current plan	iv-a has the objective of introducing to the students about Economic reforms in India,measures, trends etc. iv-b aims at developing understanding in students'minds about ways&means to increase competitiveness of trade and Industry of India, SEZs and NITI aayog

Overview of Outcomes

Core Course- Issues in Indian Economy

After the successful completion of the course,the students will be able to Course Objective #

5002.1 Have knowledge about basic issues like Overpopulation,urbanizationRural-urban migration,poverity,unemployment etc

5002.2 Have understanding of regional backwardness, and regional imbalances,and issues relating to Haryana economy,as well as Disaster management measures.

5002.3 Have knowledge about human resource development,education&healthcare,labour productivity measures,gender and economic development

5002.4 Have understanding about economic reforms,competitiveness of India trade and industry,Special economic zones,NITI ayog

Core-Course- Issues in Indian Economy

CO#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
5002.1	3	3	1	2	1	2	1	3	1	2	1
5002.2	3	3	2	2	1	1	2	3	2	2	1

5002.3	3	3	1	2	2	1	2	3	2	2	1
5002.4	3	3	1	2	2	1	2	3	2	2	1
Average	3	3	1.25	2	1.5	1.25	1.75	3	1.75	2	1

Suggested Readings:

1. M.P. Todaro & Smith, *Economic Development in the Third World*. Addison-Wesley. 6th ed.
2. Uma kapila, *Indian Economy: Issues in Development and Planning & Sectoral Aspects* (2005). Academic Foundation.
3. Arvind Virmani. *Accelerating Growth and Poverty reduction: A Policy Framework for India's Development* (2004)
4. Government of India, *Economic Survey* (latest)
5. Government of India, *Five Year Plan*, (latest)
6. Government of India. *Finance Commission Report* (Latest Ed.)
7. Ray, Debraj, (1998) *Development Economics*, Princeton University Press,
8. Banerjee, Abhijit, Ronald Benabon and Dilip Mookerjee (ed.), *Understanding Poverty*, OUP, 2006.
9. *Statistical Abstract Haryana and Economic Survey of Haryana* published by Department of Economic and Statistical Analysis Haryana (latest)
10. Datt, Rudar & K.P. Sundaram, "Indian Economy" S. Chand & Company (Latest Ed.).
11. Mishra S. K. & V. K. Puri, "Indian Economy", Himalya Publishing House (Latest Ed.).

B.A. Economics (Honors)
Semester-V
Introductory Econometrics
DSE-1H-ECO-5003

External Marks:120
Internal Marks:30
Total Marks: 150
Time: 3 Hour
Total Credit: 6

Note:

- (i) Nine Questions will be set in all and students will be required to attempt 5 questions.
- (ii) Question No. 1 will be compulsory and will consist of PART-A & B, comprising 15 and 9 marks respectively. All Qs of PART-A and 3 Qs out of 6 from part-B are to be attempted
- (iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (24 marks each)

Content	Learning objectives
UNIT-I (i-a) Definition, meaning and Nature of Econometrics (i-b) Difference between Mathematical economics, Statistics and Econometrics, Goals of econometrics	(i-a) is meant to introduce the discipline of econometrics, and its nature. (2-b) has the objective of making the students understand the fine distinction from other related fields like statistics and mathematical economics, as well as the goals of the study of econometrics
UNIT-2 (ii-a) Simple Linear Regression Model, Assumptions; Distribution and Estimation of OLS (ii-b) Statistical significance of the estimates: Tests of the goodness of fit with R-square, and Tests of significance of the Parameter estimates	(2-a) has the objective of making pupils understand Simple Linear Regression (Ordinary Least squares) model, and its estimation. (2-b) aims at giving the pupils knowledge about properties of OLS estimates, and nature of ideal, desirable properties of estimates
UNIT-3 (iii-a)	(3-a) has the objective of introducing to the students about multicollinearity, implications, and the test to detect it.

<p>Properties of Least square estimates Best Linear Unbiased Estimator (BLUE), Importance of BLUE properties</p> <p>(iii-b) Autocorrelation: assumptions, sources and consequences of autocorrelation, The Durban-Watson test of autocorrelation</p>	<p>(3-b) Autocorrelation: assumptions, sources and consequences of autocorrelation, The Durban-Watson test of autocorrelation</p>
<p>UNIT-4</p> <p>(iv-a) Multicollinearity: assumptions and consequences of multicollinearity; The Farrar-Glauber test of multicollinearity</p> <p>(iv-b) Errors in variables: time as a variable, Dummy Variables</p>	<p>(4-a) Has the objective of introducing the students about multicollinearity, and its tests and implications</p> <p>(4-b) aims at developing understanding in students' minds about errors in variables and sources, as well as the nature and significance of dummy variables</p>

Overview of Outcomes

DSE1-Course- Introductory Econometrics

After the successful completion of the course, the students will be able to Course Objective #
5003.1 Have knowledge about the meaning, and nature of econometrics, Goals and its relationship with other subjects

5003.2 Have understanding of simple linear regression, and significance of estimates of parameters, tests of parameters' significance

5003.3 Have knowledge about nature and properties of least square estimators, Problem of autocorrelation, and measures

5003.4 Have understanding about multicollinearity, and errors in variables, Dummy variables

CORE-COURSE- INTRODUCTORY ECONOMETRICS

CO#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
5003.1	2	3	1	2	1	2	1	3	1	2	1
5003.2	3	1	2	2	1	1	1	3	2	2	1
5003.3	3	3	1	2	2	1	1	3	2	2	2
5003.4	2	1	1	2	2	1	1	3	2	2	2
Average	2.5	2.5	1.25	2	1.5	1.25	1	3	1.75	2	1.5

Basic Reading List

1. Amemiya, T. (1985), *Advanced Econometrics*, Harvard University Press, Cambridge, Mass.

2. Baltagi, B.H. (1988), *Econometrics*, Springer, New York.
3. Goldberger, A.S. (1998), *Introductory Econometrics*, Oxford University Press, New York.
4. Gujarati, D.N. (1995), *Basic Econometrics* (2nd Edition) MC Graw Hill New Delhi.
5. Intrilligator, M.D. (1978), *Econometric Methods, Techniques and Applications*, Prentice Hall Englewood Cliffs, New Jersey.
6. Johnson J. (1991), *Econometric Methods*, MCGraw Hall Book Co. London
7. Kmenta J. (1998), *Elements of Econometrics*, University of Michigan Press, New York
8. Koutsoyiannis, A. (1977), *Theory of Econometrics*, The Macmillan Press Ltd. London
9. Maddala G.S.(Ed) (1993), *Econometric Methods and application*, Aldershot U.K.
10. Pindyck R.S. and D.L. Rubinfeld (1976), *Econometric Models and Economic Forecasts*, MCGraw Hill Kogakusha Tokyo
11. Theil H. (1981), *Introduction to Econometrics*, Prentice Hall of India, New Delhi

B.A. Economics(Honors)
Semester-V
Comparative Economic Development
DSE-2H-ECO-5004

External Marks:120
Internal Marks:30
Total Marks: 150
Time: 3 Hour
Credit: 6

Note:

- (i) Nine Questions will be set in all and students will be required to attempt 5 questions.
- (ii) Question No. 1 will be compulsory and will consist of PART-A &B,comprising 15 and 9 marks respectively.All Qs of PART-A and 3 Qs out of 6 from part-B are to be attempted
- (iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (24 marks each)

Content	Learning objectives
UNIT-I (i-a) Economic development of Britain: Basic features of British economy, and trends(industrial revolution, Transport and communication) (i-b) Economic development of USA: Basic features of US economy, and trends(infrastructure,trade);Role of US in world economic co-operation,Indo-US economic co-operation	(i-a) Aims at making the students conversant with economic development of Britain,various sectors in historical perspective (i-b) Has the objective of making students acquainted with economic development of US,and Indo-US co-operation
UNIT-2 (ii-a) Economic development of Japan: Agriculture,Industry; Role of entrepreneurship; Technology (ii-b) Economic development of China: Agriculture and trade; Cultural Revolution, and Economic Reforms	(2-a) is meant to impart the knowledge about Growth experience of Japan,and timeline of trends of various sectors of Japan's economy (2-b) aims at growth trajectory and trends of China, various sectors of china's economy, Revolutionary phase and economic reforms

<p>UNIT-3</p> <p>(iii-a)</p> <p>Economic development of USSR:Basic features of USSR economy, Industry& trade Indo-USSR Economic co-operation,Glasnost,Prestroika and dis-integration of USSR economy</p> <p>(iii-b)</p> <p>Growth Miracle of Newly Industrialised Countries: Taiwan, South Korea and Singapore</p>	<p>(3-a)</p> <p>has the objective of tracing the growth path of USSR's economy, and crucial events regarding policies, and timeline of geopolitical changes,Indo-soviet co-operation</p> <p>(3-b)</p> <p>is meant to highlight the importance of growth and trade of newly industrialized countries</p>
<p>UNIT-4</p> <p>(iv-a)</p> <p>Role of state in economic development (regulatory and developmental role): Britain,, USSR, and Japan</p> <p>(iv-b)</p> <p>Regional Economic Integration:European Union,lessons for India.</p>	<p>(4-a)</p> <p>aims at enriching students mind with knowledge of Regulatory and developmental role of government w.r.t Britain, USSR, and Japan</p> <p>(4-b)</p> <p>meant for having knowledge about takeaways for India from the growth experience of EU nations</p>

OVERVIEW OF OUTCOMES

DSE2COURSE- COMPARATIVE ECONOMIC DEVELOPMENT

After the successful completion of the course,the students will be able to Course Objective #

5004.1 Have insight about the economic development of Britain&US

5004.2 Have understanding of economic development of Japan&China

5004.3 Have knowledge about economic development of Russia(in the times of USSR),disintegration of USSR,and growth of Newly industrialized countries

5004.4 Have understanding about role of state in economic development of Britain,Russia,Japan.Lessons for India from growth experience of These countries ,and EU

DSE2-COURSE- Comparative Economic Development

CO#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
5004.1	3	3	1	2	1	2	1	3	1	2	1
5004.2	2	3	2	2	1	1	1	3	2	2	2
5004.3	3	3	1	2	2	1	1	3	1	2	2

5004.4	2	3	1	2	2	1	1	3	2	2	2
Average	2.5	3	1.25	2	1.5	1.25	1	3	1.5	2	1.75

Suggested Readings

1. *WHB Court: A concise economic History of Britain*
2. *R Floud,McCloskey D: The economic History of Britain since 1700*
3. *GC Allen1867-1937:A short economic History of modern Japan*
4. *JW Hall,Peter Duus :The Cambridge History of Japan*
5. *FG Walett: An economic History of the USA*
6. *Stuart Kirby: An Introduction to Economic History of China.*
7. *Marvice Dobb(1977) Soviet economic development since 1917 6th Edition,*
8. *Rutledge & kegan Paul.W.W.Lockwood(1966),Economic Development of Japan, Expanded edition, Princeton University press.*
9. *Chalmers Johnson(1982),MITTI and the Japanese Miracle: The Growth of Industrial Policy 1925-1975, Stanford University Press.*
10. *Alec Nove(1969)An economic History of USSR, Penguin,1969.*

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B.A. Economics(Honors)
Semester-VI
Development Economics and Planning-II
CC-13 H-ECO-6001

External marks:120
Internal Marks:30
Total Marks: 150
Credit :6
Time: 3 hours

Note:

- (i) Nine Questions will be set in all and students will be required to attempt 5 questions.
- (ii) Question No. 1 will be compulsory and will consist of PART-A &B,comprising 15 and 9 marks respectively.All Qs of PART-A and 3 Qs out of 6 from part-B are to be attempted
- (iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (24 marks each)

Content	Learning objectives
UNIT-I (i-a) Planning in India: poverty in India-measurement of poverty, causes of poverty and recent poverty alleviation programmes in India; Estimate of Inequalities,Causes of Inequalities and policy measures in India (i-b) Unemployment in India- nature of unemployment, Causes and Government's measures in India	(i-a) has the objective of introducing students with poverty and Inequalities, their nature, causes and policy measures for abatement of poverty and Inequalities (i-b) aims at making the students acquainted with the nature of unemployment in India, and policy measures by the government
UNIT-2 (ii-a) Growth Models: Harrod-Domar (ii-b) Neoclassical Growth Models: Solow and Robinson	(ii-a) aims at giving the pupils knowledge about Growth models by Harrod-Domar,their dynamics and limiting factors . (ii-b) has the objective of giving knowledge about Neo-classical growth models by R Solow,and J Robinson,their dynamics and limiting factors.
UNIT-3 (iii-a) Theories of Distribution: Ricardo	iii-a aims at developing understanding in students'mind about Ricardo's theory of Rent,trend of rent in macroeconomic

(iii-b) Marx and Meade	perspective iii-b
UNIT-4	has the objective of introducing the the approaches of Marx and Meade for trend of input shares in macro economic perspective
(iv-a) Planning Techniques: labor –intensive, capital-intensive and intermediate techniques	iv-a has the objective of explaining the project planning techniques as labor-intensive, capital intensive and intermediate one, their comparison
(iv-b) Investment Criteria , and Cost-Benefit analysis.	iv-b Aims at giving the students knowledge about Investment Criteria for projects, relative merits and suitability, and Cost benefit analysis for project evaluation

OVERVIEW OF OUTCOMES

CORE COURSE- DEVELOPMENT ECONOMICS&PLANNING-II

After the successful completion of the course,the students will be able to Course Objective #

6001.1 Have in-depth knowledge about the poverty,inequalities,and unemployment in India

6001.2 Have further understanding of growth models-Harrod-Domar, Solow,Robinson

6001.3 Have knowledge about nature of distribution-Ricardo,Marx,Meade

6001.4 Have understanding about planning techniques,Investment criteria project evaluation.

CORE-COURSE- Development Economics & Planning-II

CO#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
6001.1	3	3	1	2	1	2	1	3	1	2	1
6001.2	3	3	2	2	1	1	2	3	2	2	2
6001.3	3	3	1	2	2	1	2	3	2	2	2
6001.4	3	3	1	2	2	2	2	3	2	2	1
Average	3	3	1.25	2	1.5	1.50	1.75	3	1.75	2	1.5

Suggested Readings:

1. Adelman, I, (1961), Theories of Economics Growth and Development, Stanford University Press, Stanford.

2. Barro, R. and X. Salai- Martin, Economics Growth, McGraw Hill, New York.

3. Chakravarti, S. (1982), *Alternative Approaches to the Theory of Economic Growth*, Oxford University Press, New Delhi.
4. Ghatak, S. (1986), *An Introduction to Development Economics*, Allen and Unwin, London.
5. Higgins, B. (1959), *Economic Development*, W.W. Norton, New York.
6. Kindleberger, C. P. (1977), *Economics Development*, (3rd Edition), McGraw Hill, New York.
7. Meier, G.M. and J.E. Rauch (2005), *Leading Issues in Economics Development*, (8th Edition), Oxford University Press, New Delhi.
8. Todaro, M.P. and S.C. Smith (2003), (8th Edition), *Economics Development*, Pearson Education, Delhi.
9. Thirlwal, A.P. (1999), (6th Edition), *Growth and Development*, Macmillan, U.K.
10. Mishra S.K. and V.K. Puri 'Economics Development and Planning. (Latest Edition)
11. Myer and Taneja 'Economics Development and Planning (latest Edition). Kalyani Publishers.
12. Lekhi, R.N. 'Economics of Development and Planning', (Latest Edition)

B.A. Economics (Honors)
Semester-VI
International Economics
CC-14 H-ECO-6002

External marks:120
Internal Marks:30
Total Marks:150
Credits:6
Time: 3 hours

Note:

- (i) Nine Questions will be set in all and students will be required to attempt 5 questions.
- (ii) Question No. 1 will be compulsory and will consist of PART-A &B, comprising 15 and 9 marks respectively. All Qs of PART-A and 3 Qs out of 6 from part-B are to be attempted
- (iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (24 marks each)

Content	Learning objectives
UNIT-I (i-a) International trade and trade theories: Need and Importance of study of International economics, Interregional and International trade (i-b) Classical theories of International Trade: Adam Smith's Absolute cost advantage and David Ricardo's comparative advantage; Comparative Advantage in terms of opportunity cost	(i-a) Aims at introducing the students about International and domestic trade; nature and importance of the study of International economics (i-b) Has the objective of making pupils conversant with theories of trade by A Smith and D Ricardo, the classical economists, and reformulation of the theories in terms of opportunity cost
UNIT-2 (ii-a) Other trade theories: Mill's Offer curves analysis, Modern H-O theory of international trade (ii-b) Factor price equalization theorem, Leontieff's Paradox	ii-a is meant to impart the knowledge about J Mill's theory and Heckscher-Ohlin theory of international trade ii-b aims at implications of trade theories in the long run in terms of Factor price equalization, and Leontieff's paradox

<p>UNIT-3</p> <p>(iii-a) Gains from Trade: measurement of gains from trade: uses & limitations</p> <p>(iii-b) Trade as an engine of growth, Hypothesis of secular deterioration in terms of trade and its relevance for Under-developed countries(UDCs)</p>	<p>iii-a</p> <p>has the objective of defining and measuring the gains from trade, and the limiting factors</p> <p>iii-b</p> <p>is meant to highlight the importance of trade and implications in terms of adverse terms-of-trade for the Less developed countries</p>
<p>UNIT-4</p> <p>(iv-a) The theory of interventions: tariffs, Partial & general effects (on National income, Employment, terms-of-trade, BoP and Income distribution)</p> <p>(iv-b) Non-tariff barriers: Quotas and other sanctions: general and partial effects</p>	<p>iv-a</p> <p>aims at enriching students mind with knowledge of theory of interventions in terms of tariffs and quotas and their effects</p> <p>iv-b</p> <p>meant for giving conceptual and applied knowledge about non-tariff barriers</p>

Overview of Outcomes

CORE COURSE- International Economics

After the successful completion of the course, the students will be able to Course Objective #

6002.1 Have appreciation and perception about the basis and rationale of domestic trade and international trade. Classical theory and opportunity cost theory of trade

6002.2 Have understanding of role of reciprocal demand in trade and offer Curve approach, Heckscher-Ohlin approach, Factor price equalisation

6002.3 Have knowledge about nature of trade as a stimulant for economic Growth, gains from trade and hypothesis of secular deterioration of Terms of trade for less developed countries.

6002.4 Have understanding about interventions with free trade-quotas and tariffs, effects on balance of payments, terms of trade, income and distribution of trade gains.

Core Course- International Economics

CO#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
6002.1	3	3	1	2	1	2	1	3	1	2	1
6002.2	2	3	2	2	1	1	2	3	2	2	2
6002.3	3	3	1	2	2	1	2	3	1	2	1
6002.4	2	3	1	2	2	1	1	3	2	2	2
Average	2.5	3	1.25	2	1.5	1.25	1.5	3	1.5	2	1.5

Basic Reading List

- Chacholiades, M. (1990), International Trade: Theory and Policy, McGraw Hill, Kogkusha, Japan.
- Cherunilam, F. (2008): International Economics, The Tata McGraw-Hill Companies, New Delhi. 5th Ed.
- Dunn R.M. and J.H. Mutt (2000), International Economics, Routledge, London.
- Kindlberger, C P (1991): International Economics, R D Irwin, Homewood.8th Ed.
- Krugman, P.R. and Obstfeld, M. (1994), International Economics: Theory and Policy, Glenview, Foresman.
- Mishra, S.K. and Puri, V.K. (2012), Indian Economy- Its Development Experience, Himalaya Publishing House. 30th Revised Ed.
- Salvator, D L (2001): International Economics, Prentice Hall, Upper Saddle River, New York.
- Soderston, Bo. (1999), International Economics, The Macmillan Press Ltd. London.
- Yarbough, R.J. (1999), International Economics, International Thompson Publishing, New York.

Additional Reading List

- Bhagwati J. (1988), Protectionism, Cambridge University Press, Mass.
- Brahmananda, P.R. and V.R. Panchmukhi (Eds.) (1987), The Development Process of the Indian Economy, Himalaya Publishing House, Bombay.
- Dana, M.S. (2000), International Economics: Study, Guide and Work Book, (5th Edition), Routledge Publishers, London.
- Goldsten, M. (1998), The Asian Financial crisis: causes cure and systematic implications, Institute of International Economics, Washington D.C.

B.A. Economics(Honors)
Semester-VI
Economics of Finance
DSE-3H-ECO-6003

External Marks:120
Internal Marks:30
Total Marks: 150
Time: 3 Hours
Credits: 6

Note:

- (i) Nine Questions will be set in all and students will be required to attempt 5 questions.
- (ii) Question No. 1 will be compulsory and will consist of PART-A & B, comprising 15 and 9 marks respectively. All Qs of PART-A and 3 Qs out of 6 from part-B are to be attempted
- (iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (24 marks each)

Content	Learning objectives
UNIT-I (i-a) Nature, Scope and Objective of Financial Economics; (i-b) Financial statement: Balance sheet, Profit & Loss Account and ratio analysis; Time value of money	(i-a) Aims at introducing to the students about Nature, scope and objectives of financial economics (i-b) aims at making the students understand basics of financial statements, and time value of money
UNIT-2 (ii-a) Capital Budgeting Decisions: Net Present Value, IRR, Profitability Index, Payback (ii-b) Corporate Restructuring: Mergers, Acquisitions, Amalgamations, Divestments-Meaning, Motives And Strategies; Corporate Governance.	(ii-a) Has the objective of giving exposure to students about Capital budgeting and its methods (ii-b) Aims at introducing to students about Corporate strategies of restructuring, and corporate governance
UNIT-3 (iii-a) Cost of Capital: Concept of Risk and Return; Portfolio Theory, Capital Asset Pricing Model (iii-b) Arbitrage Pricing Theory; Efficient Market Hypothesis-Basic Concept.	iii-a aims at developing understanding in students' mind about Risk and Return and portfolio theory iii-b has the objective of detailing about Arbitrage Pricing theory and efficient market hypothesis

UNIT-4	
(iv-a) Capital market in India: Trends,stock markets instruments.	iv-a has the objective of describing and explaining the trends and stock market instruments in Indian capital market
(iv-b) Major reforms in primary and secondary capital market.	iv-b Aims at discussing the primary capital market and stock market reforms in India

Overview of Outcomes

DSE3 COURSE- Economics of Finance

After the successful completion of the course,the students will be able to Course Objective #

6003.1 Have knowledge about the Financial economics, and financial statements

6003.2 Have understanding of capital budgeting decisions,and Corporate restructuring strategies

6003.3 Have knowledge about Risk and return,portfolio theory and Efficient market hypothesis

6003.4 Have understanding about mechanism of Indian capitalMarket,and capital market reforms

DSE3 Course- Economics of Finance

CO#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
6003.1	3	3	1	2	1	2	1	3	1	2	1
6003.2	2	3	2	2	1	1	2	3	2	2	2
6003.3	3	3	1	2	2	1	2	3	1	2	1
6003.4	2	3	1	2	2	1	1	3	2	2	2
Average	2.5	3	1.25	2	1.5	1.25	1.5	3	1.5	2	1.5

Suggested Reading List

1. DK Khatri: *Investment Management & Security Analysis : Text and Cases; McMillan India*
2. DK Khatri: *Investment Management & Security Analysis: Text and Cases; McMillan Indian*
3. Dornbusch R., Fischer and Startz (1998), *Macroeconomics, McGraw Hill, New York*
4. IM Pandey: *Financial Management*
5. Jha , R. (1998), *Modern Public Economics, Routledge, London.*
6. Khan and Jain: *Financial Management Fouth Ed. Tata McGraw Hill.*
7. Mishan E. J.(1982), *Cost-Benefit Analysis: An Informal Introduction,* George Allen and Unwin, London.

8. *Prasanna Chandra: Financial Management; McGraw-Hill*
9. *Prasanna Chandra: Investment management and Portfolio*
10. *Prasanna Chandra: Investment management and Portfolio Analysis; McGraw-Hill*
11. *Sen Amartya,; The Possibility of Social Choice, American Economic Review, Vol. 89(3), 1999, PP. 349-378. Stiglitz, J.E. (1999*

B.A Economics (Honors)
Semester-vi
Economics of Health and Finance
DSE4H-ECO-6004

External Marks:120
Internal Marks:30
Total Marks: 150
Time: 3 Hours
Credits: 6

Note:

- (i) Nine Questions will be set in all and students will be required to attempt 5 questions.
- (ii) Question No. 1 will be compulsory and will consist of PART-A & B, comprising 15 and 9 marks respectively. All Qs of PART-A and 3 Qs out of 6 from part-B are to be attempted
- (iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (24 marks each)

Content	Learning objectives
UNIT-I (i-a) Role of Health and Education in Human Development: Importance in poverty alleviation (i-b) health and education outcomes and their relationship with macroeconomic performance	(i-a) Aims at introducing to the students about health and education as stimulants to human development, and poverty alleviation (i-b) aims at making the students understand about health and education outcomes and economic development
UNIT-2 (ii-a) Health Sector in India: Overview; Health outcomes (ii-b) healthcare systems; health financing.	(ii-a) Has the objective of giving knowledge about health sector of India and indicators of health quality (ii-b) Aims at introducing to students about Health care systems and funding of healthcare infrastructure
UNIT-3 (iii-a) Education: Investment in Human Capital: Rate of return to education: private and social; quality of education; (iii-b) Signalling of human capital; theories of discrimination; gender and caste	iii-a aims at developing understanding in students' mind about education as investment in human capital, and quality of education iii-b has the objective of detailing about the return of education as asset; problems of discrimination

discrimination in India.	
UNIT-4 (iv-a) Education Sector in India: Overview; Literacy rates, school participation, school quality measures (iv-b) Role of Higher Education and Vocational Education in India; Skill India campaign	iv-a has the objective of describing and explaining the basics of education sector; school education iv-b Aims at discussing the role of higher education and skill creation.

Overview of Outcomes

DSE4 Course- Economics of Health and Education

After the successful completion of the course, the students will be able to Course Objective #

6004.1 Have knowledge about the basics of role and outcomes education and health w.r.t. economic development

6004.2 Have understanding of healthcare systems and funding of health infrastructure

6004.3 Have knowledge about education as investment in human Resources, and problem of discrimination

6004.4 Have understanding about school and higher education In India and skill creation campaign

DSE4-COURSE- Economics of Health And Education

CO#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
6004.1	3	3	1	2	1	2	3	3	2	2	1
6004.2	3	3	2	2	1	1	2	3	2	2	2
6004.3	3	3	1	3	2	1	3	3	2	2	1
6004.4	3	3	1	2	2	1	3	3	2	2	2
Average	3	3	1.25	2.25	1.5	1.25	2.75	3	2	2	1.5

Suggested Reading List:

1. *Mishra S.K.and Puri V.K, Indian Economy Himalya Publication House Latest Edition.*
2. *Monga G.S.and Goel M.M. (2001) Wage Goods Approach and Development Deep and Deep New Delhi.*
3. *Parikh, K.S. (1999), India Development Report –1999-2000, Oxford University Press, New Delhi.*
4. *Ronald G., Ehrenberg and Robert S., Smith, Modern Labor Economics:*
5. *Sen, A. (1992), Inequality Reexamined, Oxford University Press, Oxford.*
6. *Sen, A.K.(Ed.) (1990), Growth Economics, Penguin, Harmondsworth.*
7. *Sen,A. (1983), Poverty and Famines, Oxford University Press, Oxford.*
8. *Theory and Public Policy, Addison Wesley, 2005*
9. *Thirlwal, A.P. (1999), (6th Edition), Growth and Development, Macmillan, U.K.*
10. *Todaro, M.P. and S.C. Smith (2003), (8th Edition), Economic Development, Pearson Education, Delhi.*
11. *William, Jack, Principles of Health Economics for Developing Countries, World Bank*
12. *World Development Report, Investing in Health, The World Bank, 1993.*

DEPARTMENT OF SOCIOLOGY
KURUKSHETRA UNIVERSITY, KURUKSHETRA
(Established by the state Legislature Act –XII of 1956)
POST- GRADUATE SYLLABUS OF SOCIOLOGY
(Choice Based Credit System)

Scheme of Examination (w.e.f. 2020-2021)

Total Credits= 148

Minimum Credits required for the Master Degree=84

Maximum Marks: - 100 Marks

Time: -3Hrs.

Theory: - 80 Marks

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

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

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

Attendance : 25%

Marks of attendance will be given as under:

(1) 91% onwards: 5Marks (2) 81% to 90% :4Marks (3) 75% to 80%: 3Marks

(4) 70% to 74% :2*Marks (5) 65% to 69%: 1*Marks

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

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

PROGRAMME OUTCOMES (POs):-

- PO 1 KNOWLEDGE :-** Demonstrate knowledge of historical emergence, questions asked, and distinctive contributions of the social science disciplines to the analysis of human behavior and social issues.
- PO 2 PROBLEM SOLVING:-** Visualize, conceptualize, articulate, and solve complex problems through experimentation and observation using theoretical framework of social science disciplines.
- PO 3 CRITICAL THINKING:-** Critically analyze everyday problems faced by the society, evaluate specific policy proposals, compare arguments with different conclusions to a specific societal issue, and assess the role played by assumptions in such arguments.
- PO 4 SCIENTIFIC ENQUIRY: -** Develop the capability of defining problems, formulate hypothesis, collect relevant data, develop empirical evidence and interpret the results of such analyses.
- PO 5 USAGE OF ANALYTICAL TOOLS:-** Develop the ability to apply appropriate quantitative/qualitative techniques used in social science disciplines along with ICT, softwares etc.
- PO 6 SPECIALIZATION AND EMPLOYABILITY: -** Develop deeper understanding, creativity, originality, analytical and critical skills in chosen specialized areas of social science disciplines leading to employability.
- PO 7 INTERDISCIPLINARY KNOWLEDGE & ADAPTATION:** Enhance the ability to integrate as well as synthesize the acquired knowledge within the social sciences and beyond.
- PO 8 SELF DIRECTED LEARNING: -** Develop the ability to work independently as well as effectively in the changing environment.
- PO 9 ETHICS:** Articulate and apply ethics, values and ideals that demonstrate awareness of current societal challenges.
- PO 10 LEADERSHIP: -** Build skills to work as part of a team and lead others, setting directions and formulating inspiring vision.
- PO 11 COMMUNICATION:** Communicate conclusions, interpretations and implications clearly, concisely and effectively, both orally and in writing for different types of audiences.
- PO 12 PROJECT MANAGEMENT: -** Use investigative skills necessary for conducting disciplinary- projects/ research documents/ term papers etc.

PROGRAMME SPECIFIC OUTCOMES (PSOs):-

- PSO1** The students would be able to have broad understanding & need of discipline in different phases of development of society.
- PSO2** The program would provide the critical reasoning, understanding and analysis of key issues and concepts in the discipline.
- PSO3** The students would be able to understand the various theoretical alternatives for the sociological interpretation in understanding the sociological issues.
- PSO4** The students would be able to have analytical and empirical understanding of social phenomena which leads to formulate the social planning and policies.

The M.A. Examination in Sociology has been divided into four Semesters spread over two years. Every student has to pass in 84 Credits (48 Compulsory + 32 Optional Credits and 4 Credits- 2 in Semester II and 2 in Semester III from Optional Elective Paper from Other Department-) out of 148 Credits as necessary to earn the degree under the new scheme. In 1ST & 2ND semesters, 12 Compulsory Credits from Compulsory Papers and 8 Optional Credits from Optional Papers shall be offered to the students, whereas in 3RD & 4TH semesters 8 Compulsory Credits from Compulsory Papers and 12 Optional Credits from Optional Papers shall be offered to the students. In addition to this **One Optional Elective Paper from Other Department of 2 Credits each in Semester**

II & III are required to earn the Master Degree in Sociology. However, the choice of Optional Credits is subjected to the availability of teaching faculty in the Department. The paper scheme detail semester-wise is as follow:

Scheme of Teaching and Examination for M.A. Sociology under Choice Based Credit System implement w.e.f. 2020-2021 in phased manner of the regular students of UTD

Course No.	Name of the Subject/Paper	No. of Credit	Teaching Scheme (Hrs/Week)			Examination Scheme (Marks)			Time of Paper
			L	T	P	(Sem. Theory Exam)	Internal Assess-ment	Total	
M.A. Part-I Semester-I									
M-SOCC-001	General Sociology	4	4	½ hrs/G	-	80	20	100	3 Hrs
M-SOCC-002	Sociological Theory-I	4	4	½ hrs/G	-	80	20	100	3 Hrs
M-SOCC-003	Research Methodology-I	4	4	½ hrs/G	-	80	20	100	3 Hrs
M-SOCE-011	Rural Sociology	4	4	½ hrs/G	-	80	20	100	3 Hrs
M-SOCE-012	Urban Sociology	4	4	½ hrs/G	-	80	20	100	3 Hrs
M-SOCE-013	Social Anthropology	4	4	½ hrs/G	-	80	20	100	3 Hrs
M-SOCE-014	Social Psychology	4	4	½ hrs/G	-	80	20	100	3 Hrs
M-SOCE-015	Social Problems	4	4	½ hrs/G	-	80	20	100	3 Hrs
M.A. Part-I Semester-II									
M-SOCC-004	Sociological Theory-II	4	4	½ hrs/G	-	80	20	100	3 Hrs
M-SOCC-005	Indian Society and Culture	4	4	½ hrs/G	-	80	20	100	3 Hrs
M-SOCC-006	Research Methodology-II	4	4	½ hrs/G	-	80	20	100	3 Hrs
M-SOCE-016	Political Sociology	4	4	½ hrs/G	-	80	20	100	3 Hrs
M-SOCE-017	Sociology of Education	4	4	½ hrs/G	-	80	20	100	3 Hrs
M-SOCE-018	Sociology of Population Studies	4	4	½ hrs/G	-	80	20	100	3 Hrs
M-SOCE-019	Sociology of Rural Development	4	4	½ hrs/G	-	80	20	100	3 Hrs
M-SOCE-020	Criminology	4	4	½ hrs/G	-	80	20	100	3 Hrs
OESS- 1 To 10 (compulsory)	Students will have to opt One Optional Elective Paper from Other Department (Syllabus Copy attached with instruction)	2	2			50	--	50**	2 Hrs
M.A. Part-II Semester-III									
M-SOCC-007	Advanced Social Theory Trends	4	4	½ hrs/G	-	80	20	100	3 Hrs
M-SOCC-008	Computer Applications in Social Research	4	4	½ hrs/G	-	80	20	100	3 Hrs
M-SOCE-021	Gender and Society	4	4	½ hrs/G	-	80	20	100	3 Hrs
M-SOCE-022	Family & Marriage Welfare Counseling	4	4	½ hrs/G	-	80	20	100	3 Hrs
M-SOCE-023	Sociology of Religion	4	4	½ hrs/G	-	80	20	100	3 Hrs
M-SOCE-024	Social Impact Assessment	4	4	½ hrs/G	-	80	20	100	3 Hrs
M-SOCE-025	Social Change and Development	4	4	½ hrs/G	-	80	20	100	3 Hrs
M-SOCE-026	Sociology of Marginalized Sections	4	4	½ hrs/G	-	80	20	100	3 Hrs
M-SOCE-027	Social Change and Social Movements in India	4	4	½ hrs/G	-	80	20	100	3 Hrs
M-SOCE-028	Practical- Practice of Computer Applications	4			6Hrs/G			100**	1Hrs
OESS- 11 To 20 (compulsory)	Students will have to opt One Optional Elective Paper from Other Department of the same subject as taken in Semester II (Syllabus Copy attached with instruction)	2	2			50	--	50**	2 Hrs
M.A. Part-II Semester-IV									
M-SOCC-009	Sociological Concepts and Key Ideas	4	4	½ hrs/G	-	80	20	100	3 Hrs
M-SOCC-010	Society, Economy and Development	4	4	½ hrs/G	-	80	20	100	3 Hrs
M-SOCE-029	Cultural Studies	4	4	½ hrs/G	-	80	20	100	3 Hrs
M-SOCE-030	Environment and Society	4	4	½ hrs/G	-	80	20	100	3 Hrs
M-SOCE-031	Industrial Sociology	4	4	½ hrs/G	-	80	20	100	3 Hrs
M-SOCE-032	Sociology of Organizations and Human Resource Development	4	4	½ hrs/G	-	80	20	100	3 Hrs
M-SOCE-033	Sociology of Health	4	4	½ hrs/G	-	80	20	100	3 Hrs
M-SOCE-034	Perspectives on Indian Society	4	4	½ hrs/G	-	80	20	100	3 Hrs
M-SOCE-035	Sociology of Mass Communication	4	4	½ hrs/G	-	80	20	100	3 Hrs
M-SOCE-036	Practical- Practice of Research Methodology	4			6Hrs/G			100**	1 Hrs
Total Credit (M.A. Semester-I,II,III & IV)		148	84		36 Hrs				

*The Paper **M-SOCE-028 in Semester III** & **M-SOCE-036 in Semester IV** will have practical components. There will be maximum 3 Groups of Practical in each Semester. Therefore, total workloads will be 18 Hrs/week in each Semester.

* **Indicates that there is no internal assessment marks in Practical Paper & Optional Elective Paper.

KURUKSHETRA UNIVERSITY, KURUKSHETRA

M.A. (Previous), 1st SEMESTER, SOCIOLOGY

Syllabus and Courses of Reading (w.e.f.2020-2021)

M-SOCC-001(Compulsory)

GENERAL SOCIOLOGY

Credits-4
Maximum Marks –100
Theory-80
Internal Assessment-20
Time- 3 hours

Course Outcomes

- M-SOCC-001.1 Students will understand nature, scope, significance and origin of the sociology.
- M-SOCC-001.2 Students will make sense of basic concepts of sociology.
- M-SOCC-001.3 Students will be able to know about different social processes.
- M-SOCC-001.4 Students will learn about various social institutions.

Note: - The Paper setter shall set 8 questions from all four units of the syllabus giving internal choice. However, one compulsory question in addition is to be set under fifth unit based on entire syllabus. This compulsory question would comprise four questions, four marks each. Such way, the examinees have to attempt five questions in all.

- Unit-I Sociology:** Nature, Scope and Significance; Development of Sociology as a discipline in General, and in India; Universalistic Sociology vis-a-vis Indigenization;
- Unit- II Basic Concepts:** Society, Group, Community, Association, Social System, Social Structure; Status and Role; Socialization; Culture
- Unit- III Social Processes:** *Associative* - Co-operation, Accommodation, Assimilation; *Dissociative* – Competition, Conflict; Social Stratification and Social Mobility
- Unit-IV Social Institutions:** Marriage, Family, Kinship, Economy, Polity, Religion.

REFERENCES:

- Abrahm, F. : History of Sociological Thought, OUP, New Delhi
- Aron, Raymond : Main Currents in Sociological Thought (Vol. I & II), Penguin; 1965/67
- Bottomore, T.B. : Sociology: A Guide to Problems and Literature, George Allen and Unwin, Delhi; 1972
- Davis, Kingsley : Human Society, Surjeet Publication, New Delhi; 1981.
- Fox, R. : Kinship and Marriage; Cambridge University Press, 1963
- Giddens Anthony : Sociology, Oxford University Press; 1989.
- Ginsberg, M. : Sociology, Surjeet Publication, New Delhi; 1979
- H. Page
- Haralambos : Sociology: Themes and Perspectives, Bell and Hyman, London; 1985
- Inkeles, A. : What is Sociology, Prentice hall, New Delhi; 1987
- Johnson, H.M. : Sociology: A Systematic Introduction, Allied Publishers, New Delhi; 1995
- Kapadia, K.M. : Marriage and Family in India, Oxford University Press, Bombay; 1980
- MacIver, R. M. and : Society –An Introductory Analysis, Macmillan, New Delhi; 1974.
- Nisbet : The Sociological Tradition, Heinemann Education. Books Ltd.
- Parsons, T. : The Social System, Amerind Pub. Company; 1951
- Smelser, J. : Sociology, Prentice Hall, New Delhi.

Mapping Matrix of Course M-SOCC-001

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

Table 1: Scale of mapping between COs and POs

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

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

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

Table 2 shows the CO-PO mapping matrix for a course (M-SOCC-001) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M-SOCC-001

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M-SOCC-001.1	3	3	3	3	2	3	2	2	3	-	2	-
M-SOCC-001.2	3	3	3	3	2	3	2	2	3	-	2	-
M-SOCC-001.3	3	3	3	3	2	3	2	2	3	-	2	-
M-SOCC-001.4	3	3	3	3	2	3	2	2	3	-	2	-
Average	3	3	3	3	2	3	2	2	3	-	2	-

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

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

Table 3 shows the CO-PSO mapping matrix for a course (M-SOCC-001) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M-SOCC-001

CO	PSO 1	PSO 2	PSO 3	PSO 4
M-SOCC-001.1	3	3	3	2
M-SOCC-001.2	3	3	3	2
M-SOCC-001.3	3	3	3	2
M-SOCC-001.4	3	3	3	2
Average	3	3	3	2

KURUKSHETRA UNIVERSITY KURUKSHETRA

M.A. (Previous), 1st SEMESTER, SOCIOLOGY

Syllabus and Courses of Reading (w.e.f.2020-2021)

M-SOCC-002(Compulsory)

SOCIOLOGICAL THEORY-I

Credits-4
Maximum Marks –100
Theory-80
Internal Assessment-20
Time- 3 hours

Course Outcomes

- | | |
|--------------|--|
| M-SOCC-002.1 | Students will get insight about nature, types and process of construction of sociological Theories. |
| M-SOCC-002.2 | Students will learn about positivism and anti-positivism theoretical orientations. |
| M-SOCC-002.3 | Students will understand functionalist and structural-functional perspectives of Sociological Thought. |
| M-SOCC-002.4 | Students will get knowledge of conflict theories. |

Note: - The Paper setter shall set 8 questions from all four units of the syllabus giving internal choice. However, one compulsory question in addition is to be set under fifth unit based on entire syllabus. This compulsory question would comprise four questions, four marks each. Such way, the examinees have to attempt five questions in all.

Unit-I Sociological Theories: Nature and Types; Theory Construction; Sociological Perspectives; Sociological Imagination.

Unit- II Positivism and Antipositivism:

Positivism: -

- | | |
|----------|----------------------------------|
| Comte | –Law of Three Stages |
| Durkheim | – Social Fact, Social Solidarity |

Antipositivism: -

- | | |
|------------------|--|
| Max Weber | – Social Action, The Protestant Ethic and the Spirit of Capitalism |
| Pareto, Vilfredo | – Logical and Non-Logical Action, Circulation of Elites. |

Unit- III Structural-Functionalism:

- | | |
|-----------------|---|
| Malinowski | – Individualistic Functionalism |
| Radcliffe Brown | – Societal Functionalism |
| Parsons | – Voluntaristic Action, Pattern Variables |
| Merton | –Functional Paradigm, Reference Groups |

Unit-IV Conflict Theories:

- | | |
|----------------|---|
| Karl Marx | – Historical-Dialectical Materialism, Modes of Production; Class Struggle |
| Dahrendorf | – Class and Class Conflict in Industrial Societies |
| Simmel, Georg | – Conflict Propositions |
| Lewis A, Coser | – Functions of Conflict. |

REFERENCES:

- | | |
|----------------|--|
| Abraham, F. | : Modern Sociological Theory, Oxford University Press, New Delhi. |
| Aron, Raymond | : Main Currents in Sociological Thought (Vol. I & II), Penguin; 1965 |
| Coser, L.A. | : The Functions of Social Conflict, Free Press; 1956 |
| Dahrendorf, R. | : Class and Class Conflict in industrial Society, Calif Stanford press; 1959 |
| Durkheim, E. | : Division of Labour in Society, Free Press; 1947 |
| Fletcher, R. | : The making of Sociology (Vol. I & II), Nelso, London; 1971 |
| Giddens, A. | : Capitalism and Modern Sociological Theory, Cambridge Univ. Press; 1997 |
| Martindale, D. | : Nature and Types of Sociological Theory, Houghton-Millin, Boston; 1960 |
| Marx, K. | : Communist Manifesto (J.H. Laski ed.), Pantan, New York; 1967 |
| Marx, K. | : Das Capital, Gateway Editions, 1996 |
| Merton, R.K. | : Social Theory and Social Structure, Amerind Publishing Co. Pvt. Ltd.; 1968 |
| Mills, C.W. | : The Sociological Imagination, Oxford University Press; 1956 |
| Parsons, T. | : The Social System, Free Press, New York; 1951 |
| Parsons, T. | : The Structure of Social Action, Free Press, New York; 1949 |
| Ritzer, G. | : Sociological Theory (IIIrd Ed.), McGraw Hill Inc.; 1992 |
| Turner, J.H. | : The structure of Sociological Theory, Rawat Publication, Jaipur; 1978. |
| Weber, M. | : The Protestant Ethic and Spirit of Capitalism, New York; 1930. |

Mapping Matrix of Course M-SOCC-002

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

Table 1: Scale of mapping between COs and POs

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

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

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

Table 2 shows the CO-PO mapping matrix for a course (M-SOCC-002) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M-SOCC-002

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M-SOCC-002.1	3	3	3	3	2	3	-	2	3	-	2	-
M-SOCC-002.2	3	3	3	3	2	3	-	2	3	-	2	-
M-SOCC-002.3	3	3	3	3	2	3	-	2	3	-	2	-
M-SOCC-002.4	3	3	3	3	2	3	-	2	3	-	2	-
Average	3	3	3	3	2	3	-	2	3	-	2	-

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

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

Table 3 shows the CO-PSO mapping matrix for a course (M-SOCC-002) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M-SOCC-002

CO	PSO 1	PSO 2	PSO 3	PSO 4
M-SOCC-002.1	3	3	3	2
M-SOCC-002.2	3	3	3	2
M-SOCC-002.3	3	3	3	2
M-SOCC-002.4	3	3	3	2
Average	3	3	3	2

KURUKSHETRA UNIVERSITY KURUKSHETRA

M.A. (Previous), 1st SEMESTER, SOCIOLOGY

Syllabus and Courses of Reading (w.e.f.2020-2021)

M-SOCC-003(Compulsory) RESEARCH METHODOLOGY- I

Credits-4
Maximum Marks –100
Theory-80
Internal Assessment-20
Time- 3 hours

Course Outcomes

- | | |
|--------------|--|
| M-SOCC-003.1 | Students would be able to understand nature, scope and types of research. |
| M-SOCC-003.2 | Students will learn the process of doing scientific research. |
| M-SOCC-003.3 | Students will acquire skill to design the research and sampling alongwith to develop the Scales. |
| M-SOCC-003.4 | Students will be acquainted with data, data sources and techniques of data collection. |

Note: - The Paper setter shall set 8 questions from all four units of the syllabus giving internal choice. However, one compulsory question in addition is to be set under fifth unit based on entire syllabus. This compulsory question would comprise four questions, four marks each. Such way, the examinees have to attempt five questions in all.

- | | |
|------------------|--|
| Unit-I | Research Methodology: Philosophy of Science; Epistemology in Social Science; Nature, Scope and Types of Social Research; Problem of Objectivity; Ethics & Politics in Social Research. |
| Unit- II | Research Process: Formulation of Research problem; Hypothesis, Variables and their Relationship; Generalization; Verification of Theory- Inductive and Deductive Methods. |
| Unit- III | Research Designs and Sampling: Research Design –types; Sampling Probability and Non-Probability; Determination of Sample Size Scaling Techniques – Bogardus, Likert and Thurstone; Reliability and Validity, |
| Unit- IV | The Data and Data Collection: Types and Sources of Data Techniques of Data Collection – Observation, Schedule, Questionnaire, Interview, Case Study; Mixed Method |

REFERENCES:

- | | |
|---------------------|---|
| Ackoff R.L | : The Designing of Social Research, University of Chicago Press, 1955 |
| Babbie, Earl | : The Practice of Social Research, Thomson Asia Pvt. Ltd., Singapore; 2004 |
| Garett H.E. | : Statistics in Psychology and Education, Vakils, Bombay, 1981 |
| Goode and Hatt | : Methods in Social Research, Mc Graw Hill Co. Ltd., 1952 |
| Kerlinger, F.N. | : Foundation of Behavioural Research, Half Ronehartand Winston, New York, 1973 |
| Majumdar, P.K | : Research Methods in Social Science, Viva Books Pvt. Ltd., New Delhi; 2005 |
| Matt Henn & Others: | A short introduction to Social Research, Vistaar Publication, New Delhi; 2006 |
| Neuman, W.L. | : Social Research Methods: Qualitative and Quantitative Approaches (6 th Ed.), Pearson Education Inc., New Delhi; 2006 |
| Sarandakos, S. | : Social Research (2 nd Ed.), Palgrave, New York; 1998 |
| Seltiz, C.H. | : Research Methods in Social Relations, Holt Rine Hart, and Winston, 1951 |
| Thakur, D | : The Research Methodology in Social Sciences, Deep and Deep Publications, New Delhi, 1998 |
| Young P.V. | : Scientific Social Survey and Research, Prentice Hall New Jersey, 1956 |

Mapping Matrix of Course M-SOCC-003

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

Table 1: Scale of mapping between COs and POs

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

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

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

Table 2 shows the CO-PO mapping matrix for a course (M-SOCC-003) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M-SOCC-003

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M-SOCC-003.1	3	3	2	3	3	3	3	2	3	-	3	3
M-SOCC-003.2	3	3	3	3	3	3	3	2	2	-	3	3
M-SOCC-003.3	3	3	3	3	3	3	3	2	2	-	3	3
M-SOCC-003.4	3	3	3	3	3	3	3	2	2	-	3	3
Average	3	3	2.75	3	3	3	3	2	2.25	-	3	3

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

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

Table 3 shows the CO-PSO mapping matrix for a course (M-SOCC-003) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M-SOCC-003

CO	PSO 1	PSO 2	PSO 3	PSO 4
M-SOCC-003.1	3	3	3	3
M-SOCC-003.2	3	3	3	3
M-SOCC-003.3	3	2	3	3
M-SOCC-003.4	3	2	3	3
Average	3	2.5	3	3

KURUKSHETRA UNIVERSITY KURUKSHETRA

M.A. (Previous), 1st SEMESTER, SOCIOLOGY

Syllabus and Courses of Reading (w.e.f.2020-2021)

M-SOCE-011(Elective)

RURAL SOCIOLOGY

Credits-4
Maximum Marks –100
Theory-80
Internal Assessment-20
Time- 3 hours

Course Outcomes

- M-SOCE-011.1 Students will gain an understanding about nature, scope and significance of rural Sociology.
- M-SOCE-011.2 Students would familiarize with the rural social structure.
- M-SOCE-011.3 Students will learn about rural economic and political system.
- M-SOCE-011.4 Students will know about different social problems of rural area.

Note: - The Paper setter shall set 8 questions from all four units of the syllabus giving internal choice. However, one compulsory question in addition is to be set under fifth unit based on entire syllabus. This compulsory question would comprise four questions, four marks each. Such way, the examinees have to attempt five questions in all.

- Unit-I Rural Sociology:** Development, Nature & Scope; Significance of village studies; Rurbanism; Universalization and Parochialization.
- Unit- II Rural Social Structure:** Agrarian Mode of Production, Agrarian Social Structure & Class relations, Land Ownership & Agrarian Relations; Jajmani System; Rural Family-Structure and Change; Caste-tribe Settlements.
- Unit- III Rural Economy and Polity:** Agrarian Sector in National Perspective; Agrarian Reforms; Land acquisition issues and policy, Depeasantization; The Second Green Revolution; Panchayati Raj, Emerging Pattern of Rural Leadership, Rural Transformation
- Unit- IV Rural Problems:** Agrarian Unrest & Peasant Movements, Rural Poverty, Bonded Labour, Unemployment; Food Security; Problems of Health and Housing; Changing Intercommunity Relations & Violence.

REFERENCES:

- Ahuja, Ram : Social Problems, Rawat Publication, Jaipur; 2006
- Beteille, A. : Studies in Agrarian social Structure, Oxford University Press, New Delhi; 1975
- Desai, A.R. : Rural India in Transition, Popular Prakashan, Bombay; 1979
- Desai, A.R. : Rural Sociology in India, Popular Prakashan, Bombay; 1996
- Dhanagre, D.N. : Peasant Movement, Oxford University Press, New Delhi; 1985
- Dube, S.C. : India's changing Village: Human Factor in Community Development, Himalayan Publishing House, Bombay; 1988
- Fernandes, Leela : India's New Middle Class, Oxford Univ. Press; 2006
- Govt. Of India : Food Security Bill, 2011
- Maheshwari, S.R. : Rural Development in India, Sage Publication, New Delhi; 1985
- Pradhan, P.K. : Land, Labour and Rural Poverty, Himalayan Publishing House Ltd., Bombay; 1988
- Randev, B.T. : Bharat Mein Jati aur Varg, Popular Prakashan, Bombay; 1966
- Sidhiqui, M.H. : Agrarian Unrest in North India, Vikas Publishing House; 1978
- Vidyarthi, L.P. : Leadership in India, Asia Publishing House, Bombay; 1967

Mapping Matrix of Course M-SOCE-011

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

Table 1: Scale of mapping between COs and POs

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

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

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

Table 2 shows the CO-PO mapping matrix for a course (M-SOCE-011) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M-SOCE-011

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M-SOCE-011.1	3	3	3	2	-	3	2	2	2	2	2	-
M-SOCE-011.2	3	3	3	2	-	3	3	2	3	3	2	-
M-SOCE-011.3	3	3	3	2	-	3	3	2	2	3	2	-
M-SOCE-011.4	3	3	3	2	-	3	3	2	3	3	2	-
Average	3	3	3	2	-	3	2.75	2	2.5	2.75	2	-

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

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

Table 3 shows the CO-PSO mapping matrix for a course (M-SOCE-011) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M-SOCE-011

CO	PSO 1	PSO 2	PSO 3	PSO 4
M-SOCE-011.1	3	3	3	3
M-SOCE-011.2	3	3	2	3
M-SOCE-011.3	3	3	2	3
M-SOCE-011.4	3	3	3	3
Average	3	3	2.5	3

KURUKSHETRA UNIVERSITY, KURUKSHETRA

M.A. (Previous), 1st SEMESTER, SOCIOLOGY

Syllabus and Courses of Reading (w.e.f.2020-2021)

M-SOCE-012 (Elective)

URBAN SOCIOLOGY

Credits-4

Maximum Marks –100

Theory-80

Internal Assessment-20

Time- 3 hours

Course Outcomes

- M-SOCE-012.1 Students will gain understanding about different sociological perspectives applied to understand urban society.
- M-SOCE-012.2 Students will know about different theories of urbanism.
- M-SOCE-012.3 Students will be able to identify distinguished characteristics of urban community and also be able to differentiate between urban and rural societies.
- M-SOCE-012.4 Students will become aware off urban social problems and will know about urban planning in India.

Note: - The Paper setter shall set 8 questions from all four units of the syllabus giving internal choice. However, one compulsory question in addition is to be set under fifth unit based on entire syllabus. This compulsory question would comprise four questions, four marks each. Such way, the examinees have to attempt five questions in all.

Unit-I Concepts: Urbanism, Urbanity and Urbanization, Types of Cities-Towns, Cities and Megacities.

Classical Sociological Perspective: Emile Durkheim, Karl Marx, Max Weber and Tonnies.

Unit-II Urbanism& Urbanization: Simmel–Metropolis and Mental Life; Louis Wirth –Urbanism; Manuel Castells – Sex and City; Pace of Urbanization, Over-urbanization and De-Urbanization.

Unit-III Urban Community: Spatial Dimension–Robert E. Park, Burgess. Urban Society vis-à-vis Rural Society; Rural-Urban Convergence; Middle Class & Gated Communities; Industry, Service and Business, Significance of Cities.

Unit-IV Urban Problems and Planning in India: Urban Polity, Urban Movements and Violence; Forms and Sources of Urban Stress; National Urban Renewal Mission; Neighbourhood, Slums and Ethnic Enclaves; Cyber Crime

REFERENCES:

- Abrahamson : Urban Sociology, Prentice Hall, Englewood; 1976
- Alfred de Souza : The Indian City; Poverty, ecology and urban development, Manohar, Delhi; 1979
- Ashis Boss : Studies in India's Urbanisation; 1901-1971, 1979
- Colling Worth, J b : Problems of Urban Society VOL. 2, George and Unwin Ltd.; 1972
- D.A. Schulz
- D.J.Bogue : University of Chicago Press; (ed.), 1964 Fulcher J. & Scott John: Sociology, Oxford University Press, 2003
- Desai A.Rand : Slums and Urbanisation, Popular Prakashan, Bombay; (ed), 1970
- M.S.A. Rao : Urban Sociology in India; (ed.), 1974
- M.S.Gore : Urbanisation and Family Change, Bombay Popular Prakashan, 1968
- N. Jayapalan : Urbanization in India in Contribution to Indian Sociology, Sage Pub.2003
- Pickwance CG : Urban Sociology; Critical Essays, Methuen; (Ed.) 1976
- Pillai S D & Harry Gold: The Sociology of Urban Life, Prentice Hall; 1982
- Quinn J A : Urban Sociology, S Chand & Co., New Delhi; 1955
- Raj S.Gandhi : Urban Sociology in India, International Journal Contemporary Sociology, Vol.18, Nos. & 4; 1981
- Ram Chandran, R. : Urbanisation and Urban System in India, OUP, Delhi, 1991
- Saberwal, S. : The Mobile Men: Limits to Social Mobility in Urban Punjab, Vikas Delhi; (ed.), 1976
- Saberwal, S. : Process and Institution in Urban India; (ed.), 1978
- Saunders Peter : Social Theory and Urban Question, Hutchinson; 1981

T.K. Oommen : The Rural Urban Continuum Re-examined in the Indian Context, Sociologia Ruralis, Vol.7 No.1.1967

W. W. Burgess & : Contributions to Urban Sociology, University of Chicago Press, 1964.

Wilson R.A.and : Urban Sociology, Prentice Hall, Englewood ;(1978)

Mapping Matrix of Course M-SOCE-012

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

Table 1: Scale of mapping between COs and POs

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

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

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

Table 1 shows the CO-PO mapping matrix for a course (M-SOCE-012) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M-SOCE-012

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M-SOCE-012.1	3	3	3	2	-	2	3	2	2	-	2	-
M-SOCE-012.2	3	3	3	2	-	3	3	2	3	-	2	-
M-SOCE-012.3	3	3	3	2	-	3	3	2	2	-	2	-
M-SOCE-012.4	3	3	3	2	-	3	3	2	3	-	2	-
Average	3	3	3	2	-	2.75	3	2	2.5	-	2	-

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

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

Table 2 shows the CO-PSO mapping matrix for a course (M-SOCE-012) assuming that there are 4 PSOs and 4COs.

Table 2: CO-PSO Matrix for the Course M-SOCE-012

CO	PSO 1	PSO 2	PSO 3	PSO 4
M-SOCE-012.1	3	3	2	3
M-SOCE-012.2	3	3	3	3
M-SOCE-012.3	3	3	3	3
M-SOCE-012.4	3	3	2	3
Average	3	3	2.5	3

KURUKSHETRA UNIVERSITY, KURUKSHETRA
M.A. (Previous), 1st SEMESTER, SOCIOLOGY

Syllabus and Courses of Reading (w.e.f.2020-2021)

M-SOCE-013 (Elective)

SOCIAL ANTHROPOLOGY

Credits-4
 Maximum Marks –100
 Theory-80
 Internal Assessment-20
 Time- 3 hours

Course Outcomes

- M-SOCE-013.1 Students will be introduced to social anthropology as a discipline.
 M-SOCE-013.2 Students will acquire knowledge about theoretical and methodological orientation of Social Anthropology.
 M-SOCE-013.3 Students will get an understanding about tribal social institutions.
 M-SOCE-013.4 Students will learn about tribal societies of India.

Note: - The Paper setter shall set 8 questions from all four units of the syllabus giving internal choice. However, one compulsory question in addition is to be set under fifth unit based on entire syllabus. This compulsory question would comprise four questions, four marks each. Such way, the examinees have to attempt five questions in all.

- Unit- 1 Social Anthropology:** Meaning, Nature and Scope; Significance Tribal studies Perspective: Frazer, R. Brown, B. Malinowski.
- Unit- II Theoretical and Methodological orientations:** Functionalism (R. Brown and Malinowski) Structuralism (Levi-Straus) and Marxism (Maurice, Godlier). Comparative Study, Fieldwork approaches; Ethnographic Method
- Unit- III Tribal Institutions:** Marriage, Family and Kinship, Youth Organisations, Economy, Religion and Magic
- Unit- IV Tribal Society in India:** Races and Tribes; Geographical Distribution; Tribal Problems- Identity and Detribalization; Mainstreaming; Tribal Rights and Livelihood; Welfare Schemes for Tribes.

REFERENCES:

- Beattie, John : Other Cultures: Aims, Methods and Achievements in Anthropology: R.K.P, London; 1964
- Bose, N.K. : Culture and Society in India, Asia Publishing House, New Delhi; 1967
- Dube, S.C. : Tribal Heritage of India, Vikas Pub: New Delhi; 1977
- Fox, Robin : Encounter with Anthropology: Penguin Books Ltd., England; 1973
- Godelier, Maurice : Perspectives in Marxist Anthropology, London: Cambridge University Press; 1973
- Harris, Marvin : The Rise of Anthropology, London: Routledge and Kegan Paul; 1972
- Heimendorf : Tribes of India; The Struggle for Survival, Oxford University Press; 1982
- Christophon
- Keesing, Roger, M. : Cultural Anthropology: A Contemporary Perspective, America: Holt Remmhart and Winston; 1976
- Kuper, Adam : Social Anthropology of Radcliffe Brown, Routledge and Kegan Paul, London; 1977
- Madan,T.N.and : An Introduction to Social Anthropology, Asia Publishing House, Delhi; 1980
- Majumdar, D.N.
- Mandelbaum, G. : Society in India, Popular Parkashan, Bombay; 1974
- Pritchard, Evans : Social Anthropology, Routledge and Kegan Paul, London; 1972.
- Radcliffe-Brown, A.R. : Structure Function in Primitive Society, R.K.P., London; 1957
- Raza, Moonis and : An Atlas of Tribal India, Concept Publishing, Delhi; 1990
- A. Ahmad,
- Sharma, S. : Tribal Identity and Modern World, Sage, New Delhi; 1994
- Singh K.S. : Tribal Movements in India, Vol. 1 & 2: Manohar Publications, Delhi; 1983

Singh, K.S. : The Scheduled Tribes, Oxford University Press, New Delhi, 1995

Mapping Matrix of Course M-SOCE-013

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

Table 1: Scale of mapping between COs and POs

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

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

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

Table 1 shows the CO-PO mapping matrix for a course (M-SOCE-013) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M-SOCE-013

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M-SOCE-013.1	3	2	3	3	2	-	3	2	2	-	2	-
M-SOCE-013.2	3	3	3	3	3	-	3	2	3	-	2	-
M-SOCE-013.3	3	3	2	2	2	-	2	2	3	-	2	-
M-SOCE-013.4	3	3	3	3	3	-	3	2	3	-	2	-
Average	3	2.75	2.75	2.75	2.5	-	2.75	2	2.75	-	2	-

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

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

Table 2 shows the CO-PSO mapping matrix for a course (M-SOCE-013) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M-SOCE-013

CO	PSO 1	PSO 2	PSO 3	PSO 4
M-SOCE-013.1	3	3	3	3
M-SOCE-013.2	3	3	3	3
M-SOCE-013.3	3	3	2	3
M-SOCE-013.4	3	3	3	3
Average	3	3	2.75	3

KURUKSHETRA UNIVERSITY, KURUKSHETRA

M.A. (**Previous**), 1st SEMESTER, SOCIOLOGY

Syllabus and Courses of Reading (w.e.f.2020-2021)

M-SOCE-014 (Elective)

SOCIAL PSYCHOLOGY

Credits-4
Maximum Marks –100
Theory-80
Internal Assessment-20
Time- 3 hours

Course Outcomes

- | | |
|--------------|--|
| M-SOCE-014.1 | Students will be introduced to social psychology as a discipline. |
| M-SOCE-014.2 | Students will gain understanding of social perception and nature of social life. |
| M-SOCE-014.3 | Students will familiarize with social motivation and moral. |
| M-SOCE-014.4 | Students will be acquainted with collective social behaviour. |

Note: - The Paper setter shall set 8 questions from all four units of the syllabus giving internal choice. However, one compulsory question in addition is to be set under fifth unit based on entire syllabus. This compulsory question would comprise four questions, four marks each. Such way, the examinees have to attempt five questions in all.

- | | |
|-----------------|--|
| Unit-I | Social Psychology: Definition, Scope, Methods; Relationship with Sociology and Psychology. |
| Unit-II | Social Perception: Human Consciousness and Self-Awareness; Social Cognition; Cognitive Dissonance; The Nature of Social Self; Impression Formation; Personality dynamics. |
| Unit-III | Social Motivation & Moral: Definition, Nature, Types - Achievement Motivation and Power Motivation; Moral. |
| Unit-IV | Collective Behaviour: Social Attitude, Prejudices and Stereotypes, Propaganda and Public Opinion. Violence, Leadership, Social Control |

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| Lindgren, H. Clay | : An Introduction to Social Psychology, Wiley Eastern, New Delhi. (1973), |
| Merton, R.K. | : Social Theory and Social Structure, Amerind Publication, New Delhi; (1968) |
| McDavid, John and Herbert Harari | : Social Psychology, CBS Publishers & Distributors, Delhi ;(1986) |
| Robert R. Evans | : Readings in Collective Behaviour, Chicago: Rand McNally College Publishing Co; (1975) |
| T.M. Newcomb | : Social Psychology, Dryden Press, New York; (1950), |
| W.J.H. Sprott | : Social Psychology, Methuen and Co. London; (1952) |

Mapping Matrix of Course M-SOCE-014

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

Table 1: Scale of mapping between COs and POs

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

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

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

Table 1 shows the CO-PO mapping matrix for a course (M-SOCE-014) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M-SOCE-014

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M-SOCE-014.1	2	2	3	3	3	-	3	2	2	2	2	-
M-SOCE-014.2	3	3	2	3	2	-	3	2	3	3	2	-
M-SOCE-014.3	3	3	2	3	2	-	3	2	3	3	2	-
M-SOCE-014.4	3	3	3	3	2	-	3	2	3	3	2	-
Average	2.75	2.75	2.5	3	2.25	-	3	2	2.75	2.75	2	-

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

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

Table 2 shows the CO-PSO mapping matrix for a course (M-SOCE-014) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M-SOCE-014

CO	PSO 1	PSO 2	PSO 3	PSO 4
M-SOCE-014.1	3	3	2	3
M-SOCE-014.2	3	3	3	3
M-SOCE-014.3	3	3	3	3
M-SOCE-014.4	3	3	2	3
Average	3	3	2.5	3

KURUKSHETRA UNIVERSITY, KURUKSHETRA
M.A. (Previous), 1st SEMESTER, SOCIOLOGY

Syllabus and Courses of Reading (w.e.f.2020-2021)

M-SOCE-015 (Elective)

SOCIAL PROBLEMS

Credits-4
 Maximum Marks –100
 Theory-80
 Internal Assessment-20
 Time- 3 hours

Course Outcomes

M-SOCE-015.1	Students will get a substantial understanding with a detailed knowledge of social problems as a concept and its different perspectives.
M-SOCE-015.2	Students will be able to analyse the social problems into group context.
M-SOCE-015.2	Students will get a sense of gender discrimination and women's protections.
M-SOCE-015.2	Students will learn about different forms of deviant behaviour.

Note: - The Paper setter shall set 8 questions from all four units of the syllabus giving internal choice. However, one compulsory question in addition is to be set under fifth unit based on entire syllabus. This compulsory question would comprise four questions, four marks each. Such way, the examinees have to attempt five questions in all.

Unit-I	Social Problem: Meaning; Social Problem Perspectives – Labelling Theory (Becker), Non-Conformity (Merton), Differential Association (Sutherland), Discourse Theory (Foucault)
Unit-II	Group Context of Social Problems: Casteism, Untouchability, Communalism, Discrimination, Atrocities against Women, Child Abuse
Unit-III	Gender Disadvantages and Women's Protection: Domestic Violence, Marital Discrepancies, Prostitution, Foeticide; Legal Remedies for Gender Problems
Unit-IV	Deviant Behaviour: Deviance and Crime, Delinquency; Deviant sub-culture, Corruption; Alcoholism and Drug Addiction; Vagrancy and Truancy

REFERENCES:

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Berreman, GD	: Caste and Other Inequalities: Essays in Inequality, Folklore Institute, Meerut ; (1979),
Ghurye, G.S.	: Social Tensions in India, Popular Parkashan, Bombay; (1968),
Gill, S.S.	: The Pathology of Corruption, Harper Collin Publisher, New Delhi; (1998),
Inden, Ronald.	: Imaging India, Brasil Blackward, Oxford; (1990)
Merton R.K.	: Social Theory and Social Structure, Amerind Publishing Company, New Delhi;(1972),
Mamoria, C.B.	: Social Problems in India, Kitab Mehal, Allahabad; (1981),
Madan, G.K.	: Social Problems, Allied Publications, Bombay; (1973)
Ministry of Home Affairs.	: Crime in India, Government of India, New Delhi; 1998.
Monterio, J.P.	: Corruption: Control of mal-administration, Bombay: Mankatalss; (1966)
Satya Murty, T.V.	: Region, Religion, Caste, Gender and Culture in Contemporary India, OUP. New Delhi, (1996)
Srinivas, M.N.	: Social Change in Modern India: Orient Longman, New Delhi; (1972).
Waxman	: The Stigma of Poverty: A Critique of Poverty Theories and Policies, Pergaman Press, Michigan (1983),

Mapping Matrix of Course M-SOCE-015

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

Table 1: Scale of mapping between COs and POs

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

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

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

Table 1 shows the CO-PO mapping matrix for a course (M-SOCE-015) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M-SOCE-015

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M-SOCE-015.1	3	3	3	3	-	3	-	2	3	2	2	-
M-SOCE-015.2	3	3	3	3	-	3	-	2	3	3	2	-
M-SOCE-015.3	3	3	3	3	-	3	-	2	3	3	2	-
M-SOCE-015.4	3	3	3	3	-	3	-	2	3	3	2	-
Average	3	3	3	3	-	3	-	2	3	2.75	2	-

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

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

Table 3 shows the CO-PSO mapping matrix for a course (M-SOCE-015) assuming that there are 4 PSOs and 4COs.

Table 2: CO-PSO Matrix for the Course M-SOCE-015

CO	PSO 1	PSO 2	PSO 3	PSO 4
M-SOCE-015.1	3	3	3	3
M-SOCE-015.2	3	3	2	3
M-SOCE-015.3	3	3	2	3
M-SOCE-015.4	3	3	2	3
Average	3	3	2.25	3

KURUKSHETRA UNIVERSITY, KURUKSHETRA
M.A. (Previous), 2nd SEMESTER, SOCIOLOGY

Syllabus and Courses of Reading (w.e.f.2020-2021)

M-SOCC-004 (Compulsory) SOCIOLOGICAL THEORY-II

Credits-4
Maximum Marks –100
Theory-80
Internal Assessment-20
Time- 3 hours

Course Outcomes

- M-SOCC-004.1 The students will gain knowledge of exchange theories & everyday life approach.
M-SOCC-004.2 Students will be able to understand critical theory of Frankfurt School and will understand comparative analysis of different critical social thinkers.
M-SOCC-004.3 Students will get an insight into theories of structuralism and post-structuralism.
M-SOCC-004.4 Students will be acquainted with different Perspectives on Indian Society

Note: - The Paper setter shall set 8 questions from all four units of the syllabus giving internal choice. However, one compulsory question in addition is to be set under fifth unit based on entire syllabus. This compulsory question would comprise four questions, four marks each. Such way, the examinees have to attempt five questions in all.

- Unit- I Exchange Theory:** G.C. Homans- Exchange Principles; Peter M. Blau- Power in Exchange; Emerson- Exchange Network
- Unit- II Interactionist Theory:** G.H.Mead/Goffman - Symbolic Interactionism; Schutz - Social Phenomenology; Garfinkel –Ethnomethodology; Clifford Geertz- Thick Description
- Unit-III Structuralism and Post-Structuralism:** Levi-Strauss–Concept of Social Structure; Althusser – Structural Marxism; Gramsci – Hegemony; Derrida—Deconstruction
- Unit-IV Perspectives on Indian Society:** M.K. Gandhi; B.R. Ambedkar; R.K. Mukherjee; G.S. Ghurye; M.N. Srinivas; Irawati Karve

REFERENCES:

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- Aron, Raymond : Main Currents in Sociological Thought (Vol. I & II), Penguin; 1965/67
- Atal, Yogesh : Indian Sociology from Where to Where Rawat Publication, New Delhi; 2003
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- Strauss, C. Levy : Social structure in Structural Anthropology, Penguin; 1968
- Turner, Bryan S : Social Theory, Blackwell Publishing, London; 1996
- Turner, J.H. : The structure of Sociological Theory, Rawat Publication, Jaipur; 1995
- Thakkar, Usha : Gandhian Perspective of Development. Research Journal of Gandhian Studies Centre (GSC) of Smt. Chandibai Himathmal Mansukhani College, 2011.
<https://www.mkgandhi.org/articles/gandhian-perspective-of-development.html#>
- Wagner, H. : Introduction: The Phenomenological Approach to Sociology. In Alfred Schutz on Phenomenology of Social Relations, The University of Chicago Press; 1970.

Mapping Matrix of Course M-SOCC-004

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

1: Scale of mapping between COs and POs

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

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

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

Table 2 shows the CO-PO mapping matrix for a course (M-SOCC-004) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M-SOCC-004

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M-SOCC-004.1	3	3	3	3	2	3	-	2	2	-	2	-
M-SOCC-004.2	3	3	3	3	2	3	-	2	3	-	2	-
M-SOCC-004.3	3	3	3	3	2	3	-	2	3	-	2	-
M-SOCC-004.4	3	3	3	3	2	3	-	2	3	-	2	-
Average	3	3	3	3	2	3	-	2	2.75	-	2	-

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

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

Table 3 shows the CO-PSO mapping matrix for a course (M-SOCC-004) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M-SOCC-004

CO	PSO 1	PSO 2	PSO 3	PSO 4
M-SOCC-004.1	3	3	3	3
M-SOCC-004.2	3	3	3	3
M-SOCC-004.3	3	3	3	3
M-SOCC-004.4	3	3	3	3
Average	3	3	3	3

KURUKSHETRA UNIVERSITY KURUKSHETRA

M.A. (Previous), 2nd SEMESTER, SOCIOLOGY

Syllabus and Courses of Reading (w.e.f.2020-2021)

M-SOCC-005(Compulsory) INDIAN SOCIETY AND CULTURE

Credits-4
Maximum Marks –100
Theory-80
Internal Assessment-20
Time- 3 hours

Course Outcomes

M-SOCC-005.1	Students will be introduced to the historical moorings of Indian society with the continuity and contradiction through the centuries.
M-SOCC-005.2	Students will know about different forms of social stratification in Indian society.
M-SOCC-005.3	Students will understand the basis of social movements and protests.
M-SOCC-005.4	Students will familiarize with various social institutions of Indian society and changes in its.

Note: - The Paper setter shall set 8 questions from all four units of the syllabus giving internal choice. However, one compulsory question in addition is to be set under fifth unit based on entire syllabus. This compulsory question would comprise four questions, four marks each. Such way, the examinees have to attempt five questions in all.

- Unit-I Historical Background:** Traditional Hindu Social Organization – Purushartha, Samaskara, Theory of Karma; Diversity and Unity in India; Impact of Islam and Christianity.
- Unit- II Social Stratification:** Caste -- Features, functions and changes; Caste and Mobility; Minorities and SCs; Class - Agrarian and Industrial, Changing Class Structure; Scheduled Tribes -- Distribution, Economy and development;
- Unit-III Social Movements & Protests:** Movements Based on Caste, Ethnicity, Ideology, Gender, Disability, Religion and Region; Reservation and politics; Role of Caste in Indian Politics; Political Factions & Pressure Groups.
- Unit-IV Family, Marriage and Kinship:** Joint Family – Structure, Function and Changing Pattern; Marriage – Types, Marriage in different ethnic groups; Contemporary changes
Kinship System – Usage, Regional Variations

REFERENCES:

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|------------------|---|
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| Srinivas & Shah | : Hinduism in International Encyclopedia of Social Science, Meerut; 1970 |
| Srinivas, M.N. | : Caste in Modern India and other Essays, Asian Publishing House, Bombay; 1966 |

Mapping Matrix of Course M-SOCC-005

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

Table 1: Scale of mapping between COs and POs

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

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

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

Table 2 shows the CO-PO mapping matrix for a course (M-SOCC-005) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M-SOCC-005

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M-SOCC-005.1	3	3	3	2	2	3	2	2	3	2	2	-
M-SOCC-005.2	3	3	3	2	2	3	2	2	3	3	2	-
M-SOCC-005.3	3	3	3	2	2	3	2	2	3	2	2	-
M-SOCC-005.4	3	3	3	2	2	3	2	2	3	2	2	-
Average	3	3	3	2	2	3	2	2	3	2.25	2	-

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

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

Table 3 shows the CO-PSO mapping matrix for a course (M-SOCC-005) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M-SOCC-005

CO	PSO 1	PSO 2	PSO 3	PSO 4
M-SOCC-005.1	3	3	3	3
M-SOCC-005.2	3	3	3	3
M-SOCC-005.3	3	3	3	3
M-SOCC-005.4	3	3	3	3
Average	3	3	3	3

KURUKSHETRA UNIVERSITY KURUKSHETRA

M.A. (Previous), 2nd SEMESTER, SOCIOLOGY

Syllabus and Courses of Reading (w.e.f.2020-2021)

M-SOCC-006 (Compulsory) RESEARCH METHODOLOGY-II

Credits-4
Maximum Marks –100
Theory-80
Internal Assessment-20
Time- 3 hours

Course Outcomes

- M-SOCC-006.1 Students will get an exposure to qualitative and quantitative types of research.
- M-SOCC-006.2 Students will acquire a skill to handle and process the sociological data and its analysis.
- M-SOCC-006.3 Students will become competent in dealing with normally distributed data as well as divergence from normality. In addition to its, students will be able to correlate different variables.
- M-SOCC-006.4 Students will be proficient in different tests of significance commonly used in sociological statistical techniques.

Note: - The Paper setter shall set 8 questions from all four units of the syllabus giving internal choice. However, one compulsory question in addition is to be set under fifth unit based on entire syllabus. This compulsory question would comprise four questions, four marks each. Such way, the examinees have to attempt five questions in all.

- Unit-I** Qualitative and Quantitative Research,
Qualitative Methods - Grounded Theory, Ethnography, Participatory Research
Quantitative Methods- Survey, Experimental, Content Analysis
- Unit- II** Classification, Tabulation and Graphic Presentation, Frequency Distribution, Measures of Central Tendency and Variability
- Unit-III** Normal Distribution, Divergence from Normality, Correlation, Co-efficient of Correlation, Methods–Product Moment, Rank Difference, Association of Attributes
- Unit- IV** Test of Significance: ‘t’ test, Chi-Square; ANOVA - One Way and Two Way; Report Writing and Editing.

Readings:-

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Mapping Matrix of Course M-SOCC-006

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

Table 1: Scale of mapping between COs and POs

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

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

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

Table 2 shows the CO-PO mapping matrix for a course (M-SOCC-006) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M-SOCC-006

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M-SOCC-006.1	3	3	3	3	3	3	3	2	3	-	2	-
M-SOCC-006.2	3	3	3	3	3	3	3	2	3	-	2	-
M-SOCC-006.3	3	3	3	3	3	3	3	2	3	-	2	-
M-SOCC-006.4	3	3	3	3	3	3	3	2	3	-	2	-
Average	3	3	3	3	3	3	3	2	3	-	2	-

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

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

Table 3 shows the CO-PSO mapping matrix for a course (M-SOCC-006) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M-SOCC-006

CO	PSO 1	PSO 2	PSO 3	PSO 4
M-SOCC-006.1	3	3	3	3
M-SOCC-006.2	3	3	3	3
M-SOCC-006.3	3	3	3	3
M-SOCC-006.4	3	3	3	3
Average	3	3	3	3

KURUKSHETRA UNIVERSITY, KURUKSHETRA
M.A. (Previous), 2nd SEMESTER, SOCIOLOGY

Syllabus and Courses of Reading (w.e.f.2020-2021)

M-SOCE-016 (Elective)

POLITICAL SOCIOLOGY

Credits-4
Maximum Marks –100
Theory-80
Internal Assessment-20
Time- 3 hours

Course Outcomes

- M-SOCE-016.1 Students will learn about nature and scope of Political Sociology; and also learn about different Political Systems.
- M-SOCE-016.2 Students will be able to understand different concepts of Political Sociology.
- M-SOCE-016.3 Students will get insight into various approaches to study Political Systems.
- M-SOCE-016.4 Students will be familiarized with interlinkage of Society and Polity in India.

Note: - The Paper setter shall set 8 questions from all four units of the syllabus giving internal choice. However, one compulsory question in addition is to be set under fifth unit based on entire syllabus. This compulsory question would comprise four questions, four marks each. Such way, the examinees have to attempt five questions in all.

- Unit-I** **Political Sociology:** Definition, Nature, Scope; Political Systems-Major Types, Socio-Political Ideologies- Socialism, Fascism and Sarvodya.
Approaches to the study of Political System: Structural-Functional Approach, System Approach, Behavioural and Conflict Approaches
- Unit-II** **Concepts in Political Sociology:** Political Culture, Political Socialization, Political Participation, Political-Parties, Pressure Groups; Grass Root Democracy Bureaucracy; Technology & Political Processes.
- Unit-III** **Society and Polity in India:** Constitutional aspect; Institutional Structure; Law & Society; Social basis of Politics in India: Caste and Religion; Criminalization of Politics; Tribes, Nation State & Border.
- Unit-IV** **State, Politics and Development:** Governance and Development; E-Governance; Right to Information and Good Governance; India Against Corruption Movement; Public Policy- Health, Education and Livelihood; Role of International Development Organizations.

REFERENCES:

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- Almond and Coleman : The Politics of Developing Areas, Princeton University Press; 1960
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- Bendix, R : Nation Building and Citizenship: Studies of Our Changing Social Order, John Wiley & Sons; 1964
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- Weiner Myron, Pizzorno, A. : Political Sociology, Penguin Books; 1970
- Pye, Lucien : Aspects of Political Development, Amerind Publishing Company Ltd. 1966
- Rush, M. : Political Sociology, New York; 1966
- Runciman, W.G. : Social Sciences and Political Theory, Cambridge University Press; 1969

Mapping Matrix of Course M-SOCE-016

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

Table 1: Scale of mapping between COs and POs

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

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

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

Table 1 shows the CO-PO mapping matrix for a course (M-SOCE-016) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M-SOCE-016

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M-SOCE-016.1	3	3	3	2	-	2	3	2	3	3	2	-
M-SOCE-016.2	3	3	3	2	-	2	3	2	3	3	2	-
M-SOCE-016.3	3	3	3	2	-	2	3	2	3	3	2	-
M-SOCE-016.4	3	3	3	2	-	2	3	2	3	3	2	-
Average	3	3	3	2	-	2	3	2	3	3	2	-

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

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

Table 2 shows the CO-PSO mapping matrix for a course (M-SOCE-016) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M-SOCE-016

CO	PSO 1	PSO 2	PSO 3	PSO 4
M-SOCE-016.1	3	3	3	3
M-SOCE-016.2	3	3	3	3
M-SOCE-016.3	3	3	3	3
M-SOCE-016.4	3	3	3	3
Average	3	3	3	3

KURUKSHETRA UNIVERSITY, KURUKSHETRA
M.A. (Previous), 2nd SEMESTER, SOCIOLOGY

Syllabus and Courses of Reading (w.e.f.2020-2021)

M-SOCE-017(Elective)

SOCIOLOGY OF EDUCATION

Credits-4
 Maximum Marks –100
 Theory-80
 Internal Assessment-20
 Time- 3 hours

Course Outcomes

- | | |
|--------------|---|
| M-SOCE-017.1 | Students will be able to know about Sociology of Education as a Discipline. |
| M-SOCE-017.2 | Students will familiarize themselves with different Social Perspectives of Education. |
| M-SOCE-017.3 | Students will get an insight in Indian Education System. |
| M-SOCE-017.4 | Students will know about the Education Reforms in India. |

Note: - The Paper setter shall set 8 questions from all four units of the syllabus giving internal choice. However, one compulsory question in addition is to be set under fifth unit based on entire syllabus. This compulsory question would comprise four questions, four marks each. Such way, the examinees have to attempt five questions in all.

- Unit-I Sociology of Education:** Nature, Scope and importance; Relationship of Sociology and Education; Feature of Educational Sociology.
- Unit-II Social Perspectives on Education:** Functionalism (Durkheim), Marxist (Althusser), Cultural Reproduction (Bourdieu)
 Alternative thinking on Education-- Gandhi, Ivan Illich
- Unit-III Indian Education System:** Structure of Education in India; Social issues of Education – Inequalities, Inclusive Education, Gender Dimension; Commoditization of Education; Values Education.
- Unit-IV Educational Reforms:** Kothari Commission, J.B. Patnaik Committee; Education Policy, 1986; Right to Education and Sarva Shiksha Abhiyan; New Education Policy (NEP) 2020.

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|--|---|
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| Chanana, Karuna. | : Socialization, Education and Women: Explorations in Gender Identity, Orient Longman, New Delhi ;(1988), |
| Chanana, Karuna. | : ‘Towards a Study of Education and Social Change, In Economic and Political Weekly, 27, 14 (4):157-64.; (1979) |
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| Illich, Ivan. | : Deschooling Society, Penguin, London; (1973) |
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| Shukla, S.C.
and Kumar, K.(Ed.) | : Sociological Perspective In Education: A Reader, Chankya Publication, New Delhi (1985) |
| National Policy on | : Ministry of Human Resource Development, Government of India; Education1986 Edu. |

Mapping Matrix of Course M-SOCE-017

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

Table 1: Scale of mapping between COs and POs

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

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

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

Table 1 shows the CO-PO mapping matrix for a course (M-SOCE-017) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M-SOCE-017

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M-SOCE-017.1	3	3	3	2	-	3	3	2	3	-	3	-
M-SOCE-017.2	3	3	3	2	-	3	3	2	3	-	3	-
M-SOCE-017.3	3	3	3	2	-	3	3	2	3	-	3	-
M-SOCE-017.4	3	3	3	2	-	3	3	2	3	-	3	-
Average	3	3	3	2	-	3	3	2	3	-	3	-

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

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

Table 3 shows the CO-PSO mapping matrix for a course (M-SOCE-017) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M-SOCE-017

CO	PSO 1	PSO 2	PSO 3	PSO 4
M-SOCE-017.1	3	3	3	3
M-SOCE-017.2	3	3	3	3
M-SOCE-017.3	3	3	3	3
M-SOCE-017.4	3	3	3	3
Average	3	3	3	3

KURUKSHETRA UNIVERSITY, KURUKSHETRA
M.A. (Previous), 2nd SEMESTER, SOCIOLOGY

Syllabus and Courses of Reading (w.e.f.2020-2021)

M-SOCE-018(Elective)

SOCIOLOGY OF POPULATION STUDIES

Credits-4
 Maximum Marks –100
 Theory-80
 Internal Assessment-20
 Time- 3 hours

Course Outcomes

- M-SOCE-018.1 Student will understand the meaning, nature and importance of Population Studies.
 M-SOCE-018.2 Students will be acquainted with pioneers of Population Studies and their Theories.
 M-SOCE-018.3 Students will gain knowledge of basic concepts of demography and will become proficient into their measurement.
 M-SOCE-018.4 Students will get an insight about demographic structure of India and its challenges.

Note: - The Paper setter shall set 8 questions from all four units of the syllabus giving internal choice. However, one compulsory question in addition is to be set under fifth unit based on entire syllabus. This compulsory question would comprise four questions, four marks each. Such way, the examinees have to attempt five questions in all.

Unit-I **Sociology of Population Studies:** Nature, Scope and Importance; Demographic Methods, Sources of Data.

Unit-II **Population Theories:** Biological/Natural, Malthusian, Neo-Malthusian, Optimum Population and Demographic Transition.

Unit-III **Fertility:** Concept, Measures, Differential Fertility in India, Factors affecting Fertility in India.
Mortality: Concept and Measures; Differential Mortality in India, Factors affecting Mortality in India; Life table.
Migration: Concept, Types, Trends and Factors; Problem of Migrant Labourers; Indian Diaspora.

Unit-IV **Demographic Structure of India:** Age, Sex, Literacy, Rural –Urban, Religious Population, Over population and Food Security.

REFERENCES:

- Agarwal, S.N. : India's Population Problems, New Delhi; 1977
 Bhende, Ashaand : Principles of Population, Himalaya Publishing Tara Kanitkar, House, Delhi; 1995
 Bogue, Donald J. : The Principles of Demography, John Wiley, N.Y.; 1969.
 Bose, Ashish : India's Basic Demographic Statistics, B.R. Publishing Corporation, New Delhi; 1996
 Census of India : New Delhi: Govt. of India.2011
 Franda, Marcus : Response to Population Growth in India, Praeger Publishers Inc, 1975
 Hansraj : Fundamentals of Demography; 1997: Population Studies with Special reference to India: Surjeet Publication, Delhi ;(2003-R)
 Malthus, T.R. : An Essay on the Principle of Population, William Pickering, London; 1986
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Mapping Matrix of Course M-SOCE-018

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

Table 1: Scale of mapping between COs and POs

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

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

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

Table 1 shows the CO-PO mapping matrix for a course (M-SOCE-018) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M-SOCE-018

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M-SOCE-018.1	3	3	3	3	3	3	3	2	3	-	2	-
M-SOCE-018.2	3	3	3	3	3	3	3	2	3	-	2	-
M-SOCE-018.3	3	3	3	3	3	3	3	2	3	-	2	-
M-SOCE-018.4	3	3	3	3	3	3	3	2	3	-	2	-
Average	3	3	3	3	3	3	3	2	3	-	2	-

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

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

Table 3 shows the CO-PSO mapping matrix for a course (M-SOCE-018) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M-SOCE-018

CO	PSO 1	PSO 2	PSO 3	PSO 4
M-SOCE-018.1	3	3	3	3
M-SOCE-018.2	3	3	3	3
M-SOCE-018.3	3	3	3	3
M-SOCE-018.4	3	3	3	3
Average	3	3	3	3

KURUKSHETRA UNIVERSITY, KURUKSHETRA
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Syllabus and Courses of Reading (w.e.f.2020-2021)

M-SOCE-019(Elective)

SOCIOLOGY OF RURAL DEVELOPMENT

Credits-4
Maximum Marks –100
Theory-80
Internal Assessment-20
Time- 3 hours

Course Outcomes

- M-SOCE-019.1 Course will enhance the understandings of the students about the historical evolution of rural development in India and the World.
- M-SOCE-019.2 Students will get knowledge about developmental infrastructure available in rural areas.
- M-SOCE-019.3 Students will learn different strategies and programs of rural development in India.
- M-SOCE-019.4 Students will get a skill to evaluate the outcomes of different welfare programs and will be proficient in social auditing.

Note: - The Paper setter shall set 8 questions from all four units of the syllabus giving internal choice. However, one compulsory question in addition is to be set under fifth unit based on entire syllabus. This compulsory question would comprise four questions, four marks each. Such way, the examinees have to attempt five questions in all.

- Unit-I Rural Development:** Concept, Indicators, Course Outcomes and Scope, Rural Development Approaches-Agriculture Development, Quality of life Approach, Empowerment Paradigm, Hunger and Poverty Alleviation
- Unit- II Rural Infrastructure:** Physical, Institutional; Other Opportunities; Rural Management; Public Distribution System; Forest and Water Management; Agriculture and Livestock Management
- Unit- III Strategies and Programs of Rural Development:** Rural Technology; Income Generation – Direct Cash Transfer Scheme, Mahatma Gandhi National Rural Employment Guarantee Act (MNREGA); Rural Marketing Solutions; Self Help Groups
- Unit- IV Program Evaluation:** Program Evaluation Organization; People's Participation in Rural Development, Social Auditing, Challenges and Bottle necks in Rural Development

Readings:-

- Arora, Sanjay : "Precision Agriculture and Sustainable Development," Kurukshetra (Journal), Vol. 54 No. 2; Dec.2005
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- Shrilal Shukla : Raagdarbari, Rajkamal Prakashan, Delhi (1968)

Mapping Matrix of Course M-SOCE-019

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

Table 1: Scale of mapping between COs and POs

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

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

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

Table 1 shows the CO-PO mapping matrix for a course (M-SOCE-019) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M-SOCE-019

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M-SOCE-019.1	3	3	2	2	2	2	3	2	2	2	2	-
M-SOCE-019.2	3	3	3	2	2	2	3	2	2	3	2	-
M-SOCE-019.3	3	3	3	2	2	3	3	2	2	3	2	-
M-SOCE-019.4	3	3	3	2	2	3	3	2	2	3	2	-
Average	3	3	2.75	2	2	2.5	3	2	2	2.75	2	-

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

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

Table 3 shows the CO-PSO mapping matrix for a course (M-SOCE-019) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M-SOCE-019

CO	PSO 1	PSO 2	PSO 3	PSO 4
M-SOCE-019.1	3	3	3	3
M-SOCE-019.2	3	3	3	3
M-SOCE-019.3	3	3	3	3
M-SOCE-019.4	3	3	3	3
Average	3	3	3	3

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Syllabus and Courses of Reading (w.e.f.2020-2021)

M-SOCE-020 (Elective)

CRIMINOLOGY

Credits-4
Maximum Marks –100
Theory-80
Internal Assessment-20
Time- 3 hours

Course Outcomes

- M-SOCE-020.1 Students will be familiarized with criminology, as a discipline and get a skill to handle crime statistics.
- M-SOCE-020.3 Students will acquire knowledge of theoretical perspectives applied in criminology.
- M-SOCE-020.2 Students will understand various Forms of Crimes.
- M-SOCE-020.4 Students will become proficient in correctional approaches and control mechanisms to handle Crime.

Note: - The Paper setter shall set 8 questions from all four units of the syllabus giving internal choice. However, one compulsory question in addition is to be set under fifth unit based on entire syllabus. This compulsory question would comprise four questions, four marks each. Such way, the examinees have to attempt five questions in all.

- Unit- I **Criminology:**** Meaning and Scope, Criminality and Para Criminality; Indian Crime Scenario – Classification and Crime Statistics, National Crime Record Bureau, Indian Penal Code
- Unit- II **Theoretical Perspectives:**** Classical and Neo-Classical, Biological, Psychological, Social and Cartographic, Multi Factor Approach
- Unit- III **Forms of Crimes:**** Physical Violence, Economic Crime; White Collar and Blue Collar Crimes, Organized Crimes, Cyber-Crimes, Crime against Women, Child and elderly people
- Unit- IV **Correctional and Control Mechanisms:**** Correctional Approaches-Community Based and Prison Based; Correctional Programmes - Educational, Recreational and Meditational remedies; Prison Reforms

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- Teeters, Negleyand : New Horizons in Criminology, Prentice Hall of India, New Delhi; (1959),
Harry Elmer Barnes
Sutherland, Edwin. : Principles of Criminology, General Hall, New York, 1992
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Ministry of Home Affairs : Crime in India. New Delhi: Government of India Annual Report of National Crime Bureau, New Delhi ;(1998)
- Merton, R.K. : Social Theory and Social Structure, Emerind Publishing Co. New Delhi; 1972
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Mapping Matrix of Course M-SOCE-020

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

Table 1: Scale of mapping between COs and POs

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

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

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

Table 1 shows the CO-PO mapping matrix for a course (M-SOCE-020) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M-SOCE-020

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M-SOCE-020.1	3	3	3	3	3	3	3	2	2	-	2	-
M-SOCE-020.2	3	3	3	3	2	3	3	2	3	-	2	-
M-SOCE-020.3	3	3	3	3	2	3	3	2	2	-	2	-
M-SOCE-020.4	3	3	3	3	3	3	3	2	3	-	2	-
Average	3	3	3	3	2.5	3	3	2	2.5	-	2	-

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

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

Table 3 shows the CO-PSO mapping matrix for a course (M-SOCE-020) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M-SOCE-020

CO	PSO 1	PSO 2	PSO 3	PSO 4
M-SOCE-020.1	3	3	3	3
M-SOCE-020.2	3	3	3	3
M-SOCE-020.3	3	3	3	3
M-SOCE-020.4	3	3	3	3
Average	3	3	3	3

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Syllabus and Courses of Reading (w.e.f.2021-2022)

M-SOCC-007 (Compulsory) ADVANCED SOCIAL THEORY TRENDS

Credits-4
 Maximum Marks –100
 Theory-80
 Internal Assessment-20
 Time- 3 hours

Course Outcomes

- M-SOCC-007.1 Students will get an insight about integration of micro and macro social theories.
- M-SOCC-007.2 Students will be able to understand different sphere of social life and analyse it by bridging the gap.
- M-SOCC-007.3 Students will learn about synthesis in contemporary sociological theories with recent trends.
- M-SOCC-007.4 Students will be acquainted with post-modern scenario in the world social system.

Note: - The Paper setter shall set 8 questions from all four units of the syllabus giving internal choice. However, one compulsory question in addition is to be set under fifth unit based on entire syllabus. This compulsory question would comprise four questions, four marks each. Such way, the examinees have to attempt five questions in all.

Unit-I Integrative genre Social Theory-I:

1. Micro Foundation of Macro Sociology (Collins.)
2. Neo-functionalism (Jaffrey C.Alexander)
3. Social Construction of Reality (Berger & Luckman)
4. Integrative Paradigm (Ritzer)

Unit-II Integrative genre Social Theory-II:

1. Duality of Agency and Structure (Giddens.)
2. Habitus and Field (Bourdieu, P.)
3. Life World and System (Habermas, J.)

Unit-III Synthesis in Sociological Theory:

1. Network Theory (Burt & others)
2. Rational Choice Theory (Coleman, J. Elster)
3. Feminist Theory (Dorothy, Patricia Collins)

Unit-IV Post Modern Scenario:

1. Decline of Grand Narrative (Lyotard)
2. Hyperreal World (Baudrillard)
3. Truth and Knowledge (Foucault)
4. Post –Feminist Theory (Judith Butler)

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Aron Raymond	: Main Currents in Sociological Thought, Vol.1 and 2, Penguin, Chapters on Marx, Durkheim and Weber. (1967),
De, Beauvoir, Simon	: The Second Sex, Vintage, New York; (1957).
Jhon, Hughes, A. Martin Perer, W.W	: Understanding Classical Sociology-Marx, Sage Publication Delhi, 2003
J.and Sharrok	: Durkheim and Weber, Sage Publication, London; (1995)
Kivisto, P.	: Key Ideas in Sociology (2 nd ed.), 8 Pine Forge Press, New Delhi, (2004),
Lash, S.	: Sociology of Postmodernism; Routledge, London; (1990),
Parsons Talcott	: The Structure of Social Action, Vol.1 and 2. McGraw Hill, New York. 1949
Ritzer, George	: Sociological Theory, McGraw Hill, New York 1992.
Ritzer, George	: Modern Sociological Theory, McGraw Hill, New York; (2000),
Swingewood, A.	: A short history of Sociological thought, Palgrave; New York; (2000),
Seidman, S & Alexander, J.C.	: The New Social Theory Reader, Routledge, London; (2001),
Taylor Steve (ed.)	: Sociology: Issues and Debates, Palgrave. (1999),
Turner, Jonathan H.	: The Structure of Sociological Theory, Rawat Publication, Jaipur (1995) (4 th edition)
Zeitlin, Irving M.	: Rethinking Sociology: A Critique of Contemporary Theory, Rawat Publication, New Delhi; (1998)

Mapping Matrix of Course M-SOCC-007

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

Table 1: Scale of mapping between COs and POs

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

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

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

Table 2 shows the CO-PO mapping matrix for a course (M-SOCC-007) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M-SOCC-007

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M-SOCC-007.1	3	3	3	3	3	3	3	2	3	-	2	-
M-SOCC-007.2	3	3	3	3	3	3	3	2	3	-	2	-
M-SOCC-007.3	3	3	3	3	3	3	3	2	3	-	2	-
M-SOCC-007.4	3	3	3	3	2	3	3	2	3	-	2	-
Average	3	3	3	3	2.75	3	3	2	3	-	2	-

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

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

Table 3 shows the CO-PSO mapping matrix for a course (M-SOCC-007) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M-SOCC-007

CO	PSO 1	PSO 2	PSO 3	PSO 4
M-SOCC-007.1	3	3	3	3
M-SOCC-007.2	3	3	3	3
M-SOCC-007.3	3	3	3	3
M-SOCC-007.4	3	3	3	3
Average	3	3	3	3

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Syllabus and Courses of Reading (w.e.f.2021-2022)

M-SOCC-008 (Compulsory) COMPUTER APPLICATIONS IN SOCIAL RESEARCH

Credits-4
 Maximum Marks –100
 Theory-80
 Internal Assessment-20
 Time- 3 hours

Course Outcomes

- M-SOCC-008.1 Students will get an exposure to structural and fundamental aspects of computer system.
 M-SOCC-008.2 Students will become familiar with functional aspects and operating system of the computer.
 M-SOCC-008.3 Students will become proficient in the use of MS-Office, MS Excel and preparation of power point presentations.
 M-SOCC-008.4 Students will acquire a practical skill to use latest electronic tools and computer for social research purpose.

Note: - The Paper setter shall set 8 questions from all four units of the syllabus giving internal choice. However, one compulsory question in addition is to be set under fifth unit based on entire syllabus. This compulsory question would comprise four questions, four marks each. Such way, the examinees have to attempt five questions in all.

- Unit-I Computer Fundamentals:** Introduction, Significance, Classification and Generations; Hardware and Software; Functional Components; Virus, Printer & Scanner.
- Unit-II Operating System :-** Basics of MS Windows: Features, Getting started with Windows, Managing files and folders, Creating Short Cuts, Windows Customization; Basic Windows Accessories - Mouse Pointer, Control Panel Data Storage Devices- HDD, CD/DVD, USB/PEN Drive Printing.
- Unit-III Basic of MS office:** MS Word, Creation of files, Editing of Document - Bold , Italics , Underline, Fonts type & size, Paragraph, line spacing, spelling & grammar, Insertion of Images, Tables.
MS Excel: Basics of MS-Excel, Data Entry, Graphs, Aggregate Formulas and Functions, Worksheet and Charts, Cell Editing.
MS PowerPoint: Creating & Editing of Power Point Presentation, Physical Aspects.
- Unit-IV Social Research Aspects & Computer:**
Internet – Introduction & History, Computer Networks, Introduction of WWW & Net – Surfing, Emails. Attachments, EBooks & online Journal System; Visual & Social Media; Cyber Crime
SPSS: Introduction, Creating a Data File, Analysis- Univariate, Bivariate and Multivariate.

REFERENCES:

- Balamurali, S. : An Introduction to Computer Science, Vikas Publishing House, New Delhi; (1998)
 Babbie, Earl : The Practice of Social Research 10th edition, Thomson, Singapore; (2004),
 Gaur, Ajay S. and Sanjay S. Gaur : Statistical Method for Practice and Research: a guide to Data analysis using SPSS, Response Books, Delhi; (2006)
 Leanand Loen : Internet for Everyone, Vikas Publishing House, New Delhi; (1998),
 Mattelart, Armond : The Information Society, Sage Publications, New Delhi; (2003),
 Sarantakos, S. : Social Research, Palgrave, New York; (1988)
 Saxena, Sanjay : A First Course in Computer, Vikas Publishing House, New Delhi; (1998).
 Singhal, A.and E.M. : India's Communication Revolution, Sage Publications, London; (2000),
 Rogers
 Tesch, R. : 'Computer Software and qualitative Analysis: A Reassessment' in Blank et al. (ed.), New Technology in Sociology: Practical Applications in Research and Work, Transaction Books, New Brunswick; (1989)

Mapping Matrix of Course M-SOCC-008

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

Table 1: Scale of mapping between COs and POs

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

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

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

Table 2 shows the CO-PO mapping matrix for a course (M-SOCC-008) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M-SOCC-008

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M-SOCC-008.1	3	3	-	3	3	3	3	3	-	-	3	3
M-SOCC-008.2	3	3	-	3	3	3	3	3	-	-	3	3
M-SOCC-008.3	3	3	-	3	3	3	3	3	-	-	3	3
M-SOCC-008.4	3	3	-	3	3	3	3	3	-	-	3	3
Average	3	3	-	3	3	3	3	3	-	-	3	3

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

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

Table 3 shows the CO-PSO mapping matrix for a course (M-SOCC-008) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M-SOCC-008

CO	PSO 1	PSO 2	PSO 3	PSO 4
M-SOCC-008.1	3	3	3	3
M-SOCC-008.2	3	3	3	3
M-SOCC-008.3	3	3	3	3
M-SOCC-008.4	3	3	3	3
Average	3	3	3	3

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Syllabus and Courses of Reading (w.e.f.2021-2022)

M-SOCE-021 (Elective)

GENDER AND SOCIETY

Credits-4

Maximum Marks –100

Theory-80

Internal Assessment-20

Time- 3 hours

Course Outcomes

- M-SOCE-021.1 Students will get insight about the concept of sex and gender alongwith process of construction of gender.
- M-SOCE-021.2 Students will be acquainted with the theories and movements pertaining to gender relations.
- M-SOCE-021.3 Students will get a sense of issues related to gender discrimination.
- M-SOCE-021.4 Students will know about the status of women in contemporary India.

Note: - The Paper setter shall set 8 questions from all four units of the syllabus giving internal choice. However, one compulsory question in addition is to be set under fifth unit based on entire syllabus. This compulsory question would comprise four questions, four marks each. Such way, the examinees have to attempt five questions in all.

Unit-I Sex and Gender: The Concepts; Equality and difference; Gender as Social Construct- Socialization and Gender Role Gender ideologies-Patriarchy and Matriarchy.

Unit-II Gender Theories and Women's Movements: Theories of Gender relations; Women's Movements: Liberalist, Socialist, Radicalist; Eco-feminism.

Unit-III Gender Issues: Women's role in Production and Reproduction; Nature of Household work; Women's Work and Technology; Empowerment Paradigm.

Unit-IV Status of Women in India: Gender Gaps; Changing Identity; Strategies of Women's Development- Empowerment, Welfare and Protections, Health and Education; Common Civil Code; Honour Killing.

REFERENCES:

- Agarwal, B. : A Field of One's Own: Gender and Land Rights in South Asia, Cambridge: Cambridge University Press; 1994.
- Altekar, A.S. : The Position of Women in Hindu Civilization, Second Edition: P Fifth reprint. Motilal Banarasi Dass, Delhi; 1983
- Chanana, Karuna. : Socialization, Women and Education: Explorations in Gender Identity, Orient Longman, New Delhi; 1988
- De, Beauvoir, Simon : The Second Sex, Vintage, New York; 1957
- Desai, Neera and M. : Women and Society in India, Ajanta Delhi; 1987
- Krishnaraj
- Dube, Leela et al. (eds.): Visibility and Power: Essays on Women in Society and Development. OUP New Delhi; 1986
- Dube, Leela. : Women and Kinship: Comparative Perspectives on Gender in South and South-East Asia, United Nations University Press, Tokyo; 1997
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- Tong, Rosemarie : Feminist Thought, A Comprehensive Introduction, Westview Press, Colorado; 1989.
- Whelham, Imelda. : Modern Feminist Thought. Edinburgh: Edinburgh University Press; 1997
- Waters, Malcom : Modern Sociological Theory, Sage Publication, London; 1994

Mapping Matrix of Course M-SOCE-021

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

Table 1: Scale of mapping between COs and POs

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

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

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

Table 2 shows the CO-PO mapping matrix for a course (M-SOCE-021) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M-SOCE-021

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M-SOCE-021.1	3	3	3	2	2	3	3	2	3	2	2	-
M-SOCE-021.2	3	3	3	2	2	3	3	2	3	3	2	-
M-SOCE-021.3	3	3	3	2	3	3	3	2	3	3	2	-
M-SOCE-021.4	3	3	3	2	3	3	3	2	3	3	2	-
Average	3	3	3	2	2.5	3	3	2	3	2.75	2	-

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

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

Table 3 shows the CO-PSO mapping matrix for a course (M-SOCE-021) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M-SOCE-021

CO	PSO 1	PSO 2	PSO 3	PSO 4
M-SOCE-021.1	3	3	3	3
M-SOCE-021.2	3	3	3	3
M-SOCE-021.3	3	3	3	3
M-SOCE-021.4	3	3	3	3
Average	3	3	3	3

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Syllabus and Courses of Reading (w.e.f.2021-2022)

M-SOCE-022 (Elective) FAMILY & MARRIAGE WELFARE COUNSELLING

Credits-4
Maximum Marks –100
Theory-80
Internal Assessment-20
Time- 3 hours

Course Outcomes

- M-SOCE-022.1 Students will learn the characteristics, functions and types of marriage and family relationship.
- M-SOCE-022.2 Students will get a sense of different forms of discrepancies in family and marriage institution.
- M-SOCE-022.3 Students will get expertise in Family and Marriage counselling.
- M-SOCE-022.4 Students will gain sufficient knowledge about counselling approaches and paradigms.

Note: - The Paper setter shall set 8 questions from all four units of the syllabus giving internal choice. However, one compulsory question in addition is to be set under fifth unit based on entire syllabus. This compulsory question would comprise four questions, four marks each. Such way, the examinees have to attempt five questions in all.

- Unit-I Family and Marriage:** Characteristics, Functions and Types; Marriage under Ethnic Civil Codes in India; Quasi-Marriage (live-in-partnership) and Rights; Inheritance Succession and Authority.
- Unit-II Discrepancies in Family and Marriage:** Broken Homes, Family Tension, Role Stresses, Domestic Violence; Marital Discrepancies- Alienation & Desertion, Divorce, Gender Injustice, Sexual Harassment; Constraints of Traditions in Hindu and Muslim Marriages; Problems of Children, Youth and Elderly.
- Unit-III Family and Marriage Counselling:** Meaning, Nature and Scope of Counselling Intervention; Institutionalization of Family & Marriage Counselling; Process & Methods of Counseling; Responding to the discrepant relationships- Registration of Clients and preparing database, Scrutiny of cases for Intervention, Hearing through Clinics, Helplines, Family Visits; Distribution of Counselling Literature; Medical aids; Resocialisation and Gender Sensitization
- Unit-IV Counselling Approaches/Paradigms:** Principles- Ways of Presenting Counselor, understanding Clients, and Ways of Intervening; Choice of Approaches: Psychodynamics, Humanistic (Empathy-Sympathy), Cognitive-Behavioural, Family System; Functional, Critical & Feminist and Postmodern (Narrative Self), Emotive and Moral Corrections; Changing Care and Support System; Yoga Therapy; Eclecticism of Approaches.

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- De, Beauvoir, Simon: The Second Sex, Vintage, New York; (1957).
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- Sharon E. : “Counselor Preparation: A New Paradigm for Teaching Counselling Theory and Practice” in
- Uberoi, Patricia : Family, kinship and marriage in India (Ed.), Oxford University Press New Delhi, 1993.
- Whiston, S.C. : Principles and Applications of Assessment of Counselling (2nd Ed.) Cengage Learning 2009
- White, Justine : Abstract of Dissertation-“Navigation Postmodernism & Critical Theory in Family Therapy”

Mapping Matrix of Course M-SOCE-022

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

Table 1: Scale of mapping between COs and POs

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

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

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

Table 2 shows the CO-PO mapping matrix for a course (M-SOCE-022) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M-SOCE-022

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M-SOCE-022.1	3	3	3	3	3	3	3	2	3	-	3	2
M-SOCE-022.2	3	3	3	3	3	3	3	2	3	-	3	2
M-SOCE-022.3	3	3	3	3	3	3	3	2	3	-	3	2
M-SOCE-022.4	3	3	3	3	3	3	3	2	3	-	3	2
Average	3	3	3	3	3	3	3	2	3	-	3	2

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

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

Table 3 shows the CO-PSO mapping matrix for a course (M-SOCE-022) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M-SOCE-022

CO	PSO 1	PSO 2	PSO 3	PSO 4
M-SOCE-022.1	3	3	3	3
M-SOCE-022.2	3	3	3	3
M-SOCE-022.3	3	3	3	3
M-SOCE-022.4	3	3	3	3
Average	3	3	3	3

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Syllabus and Courses of Reading (w.e.f.2021-2022)

M-SOCE-023 (Elective)

SOCIOLOGY OF RELIGION

Credits-4
 Maximum Marks –100
 Theory-80
 Internal Assessment-20
 Time- 3 hours

Course Outcomes

- M-SOCE-023.1 Students will get an understanding of the concepts of religion and its functions and dysfunctions.
- M-SOCE-023.2 Students will get exposure of various Perspectives on religion.
- M-SOCE-023.3 Students will know different conceptual categories pertaining to religion.
- M-SOCE-023.4 Students will get acquainted with religion in India.

Note: - The Paper setter shall set 8 questions from all four units of the syllabus giving internal choice. However, one compulsory question in addition is to be set under fifth unit based on entire syllabus. This compulsory question would comprise four questions, four marks each. Such way, the examinees have to attempt five questions in all.

- Unit-I Religion:** Definition, Functions and Dysfunctions; Ethics and Morality; Fission Tendencies- Sect and Cults; Ritual Beliefs and Practices; Religion and Science; Scientology
- Unit-II Perspectives on Religion:** Frazer, Durkheim, Marx and Weber; New Religious Movements;
- Unit-III Conceptual Categories:** Spiritualism, Divinity, Transcendentalism, Communalism and Secularism; Clash of Civilizations; Commodification of Rituals.
- Unit-IV Religion of India:** Orientalism v/s Occidentalism; Religious Demography; Religious Identity and Conflict; Religion and Politics; Religion and Economy; Pilgrimage and Religious Tourism.

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Mapping Matrix of Course M-SOCE-023

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

Table 1: Scale of mapping between COs and POs

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

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

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

Table 2 shows the CO-PO mapping matrix for a course (M-SOCE-023) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M-SOCE-023

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M-SOCE-023.1	3	3	3	3	3	-	3	2	3	-	2	-
M-SOCE-023.2	3	3	3	3	3	-	3	2	3	-	2	-
M-SOCE-023.3	3	3	3	3	2	-	2	2	3	-	2	-
M-SOCE-023.4	3	3	3	3	2	-	2	2	3	-	2	-
Average	3	3	3	3	2.5	-	2.5	2	3	-	2	-

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

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

Table 3 shows the CO-PSO mapping matrix for a course (M-SOCE-023) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M-SOCE-023

CO	PSO 1	PSO 2	PSO 3	PSO 4
M-SOCE-023.1	3	3	3	3
M-SOCE-023.2	3	3	3	3
M-SOCE-023.3	3	3	3	3
M-SOCE-023.4	3	3	3	3
Average	3	3	3	3

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M-SOCE-024 (Elective)

SOCIAL IMPACTASSESSMENT

Credits-4
Maximum Marks –100
Theory-80
Internal Assessment-20
Time- 3 hours

Course Outcomes

M-SOCE-024.1	Students will understand the concept, meaning and history of social impact assessment.
M-SOCE-024.2	Students will gain knowledge of theoretical perspectives and principles of social impact assessment.
M-SOCE-024.3	Students will learn about social and political issues pertaining to social impact assessment.
M-SOCE-024.4	Students will acquire skills of using different methods and procedures of social impact assessment.

Note: - The Paper setter shall set 8 questions from all four units of the syllabus giving internal choice. However, one compulsory question in addition is to be set under fifth unit based on entire syllabus. This compulsory question would comprise four questions, four marks each. Such way, the examinees have to attempt five questions in all.

Unit-I	Social Impact Assessment: Definition & Meaning of Social Impact and Social Impact Assessment; History and features of SIA; Objective, Scope and Importance of SIA.
Unit-II	Theoretical Perspectives and Principles of SIA: Nature and Dimensions of Development; Sustainability of Development, Management of Change; Rural-Urban Communities, Community Participation and Social Audit of the Schemes.
Unit-III	Social and Political Issues: Democratic Polity of India; Social Justice; Human Rights; Value Conflict and Development Dilemmas; Experiences and issues in dislocation problem of population and Project Risks.
Unit-IV	Methods & Procedure of SIA: Orientation and Framework of SIA; Stages of SIA, Identification of Stakeholders and Potential Victims of Project; Consultations in SIA.

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Mapping Matrix of Course M-SOCE-024

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

Table 1: Scale of mapping between COs and POs

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

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

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

Table 1 shows the CO-PO mapping matrix for a course (M-SOCE-024) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M-SOCE-024

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M-SOCE-024.1	3	3	3	3	3	3	3	2	3	2	2	-
M-SOCE-024.2	3	3	3	3	3	3	3	2	3	3	2	-
M-SOCE-024.3	3	3	3	3	3	3	2	2	3	3	2	-
M-SOCE-024.4	3	3	3	3	3	3	2	2	3	-	2	-
Average	3	3	3	3	3	3	2.5	2	3	2	2	-

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

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

Table 3 shows the CO-PSO mapping matrix for a course (M-SOCE-024) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M-SOCE-024

CO	PSO 1	PSO 2	PSO 3	PSO 4
M-SOCE-024.1	3	3	2	3
M-SOCE-024.2	3	3	3	3
M-SOCE-024.3	3	3	3	3
M-SOCE-024.4	3	3	2	3
Average	3	3	2.5	3

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Syllabus and Courses of Reading (w.e.f.2021-2022)

M-SOCE-025 (Elective) SOCIAL CHANGE AND DEVELOPMENT

Credits-4
 Maximum Marks –100
 Theory-80
 Internal Assessment-20
 Time- 3 hours

Course Outcomes

- M-SOCE-025.1 Students will be familiarized with the concepts, characteristics, sources, forms and forces of social change.
- M-SOCE-025.2 Students will know about theories and patterns of social change.
- M-SOCE-025.3 Students will be able to interpret the concepts of development and underdevelopment.
- M-SOCE-025.4 Students will understand the different theories development and underdevelopment.

Note: - The Paper setter shall set 8 questions from all four units of the syllabus giving internal choice. However, one compulsory question in addition is to be set under fifth unit based on entire syllabus. This compulsory question would comprise four questions, four marks each. Such way, the examinees have to attempt five questions in all.

- Unit–I Social Change:** Concept and Characteristics; Sources, Forms and Forces; Resistance to Change.
- Unit–II Theories and Patterns of Change:** Linear, Cyclical, Fluctuatory; Unpatterned Change; Conflict, Historical, and Cultural Lag Theory
- Unit–III Development and Underdevelopment:** Concepts, characteristics; Varieties of Development– Human Development; Social Development, Economic Development; Sustainable Development
- Unit–IV Theories of Development and Underdevelopment:** Modernization, Dependency and the World System; Globalization and Liberalization; Barriers and Breakdowns in Development,

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Mapping Matrix of Course M-SOCE-025

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

Table 1: Scale of mapping between COs and POs

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

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

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

Table 1 shows the CO-PO mapping matrix for a course (M-SOCE-025) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M-SOCE-025

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M-SOCE-025.1	3	3	3	3	2	3	3	2	3	-	2	-
M-SOCE-025.2	3	3	3	3	3	3	3	2	3	-	2	-
M-SOCE-025.3	3	3	3	3	3	3	3	2	3	-	2	-
M-SOCE-025.4	3	3	3	3	3	3	3	2	3	-	2	-
Average	3	3	3	3	2.75	3	3	2	3	-	2	-

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

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

Table 3 shows the CO-PSO mapping matrix for a course (M-SOCE-025) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M-SOCE-025

CO	PSO 1	PSO 2	PSO 3	PSO 4
M-SOCE-025.1	3	3	3	3
M-SOCE-025.2	3	3	3	3
M-SOCE-025.3	3	3	3	3
M-SOCE-025.4	3	3	3	3
Average	3	3	3	3

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M-SOCE-026 (Elective) SOCIOLOGY OF MARGINALIZED SECTIONS

Credits-4
Maximum Marks –100
Theory-80
Internal Assessment-20
Time- 3 hours

Course Outcomes

- M-SOCE-026.1 Students will be familiarized with the meaning of marginalization and various marginalized sections of the society.
- M-SOCE-026.2 Students will know about conditions and characteristics of marginalization.
- M-SOCE-026.3 Students will get an understanding of reforms and protest movements for the marginalized sections.
- M-SOCE-026.4 Students will get an insight of affirmative actions taken by the government for the welfare of marginalized sections.

Note: - The Paper setter shall set 8 questions from all four units of the syllabus giving internal choice. However, one compulsory question in addition is to be set under fifth unit based on entire syllabus. This compulsory question would comprise four questions, four marks each. Such way, the examinees have to attempt five questions in all.

Unit-I **Marginalization: Meaning, Exclusion-Inclusion Perspective; Marginalized Groups-- Scheduled Castes, Scheduled Tribes, Minorities, Women and other Social Isolates.**

Unit-II **Conditions and Characteristics of Marginalization: Ideology of Marginalization, Dependency; Caste, Class and Power Perspectives; Sustainment of Poverty.**

Unit-III **Reform and Protest Movements: Social Reform Movements and Underprivileged Classes; Dalit Movements, Tribal Movements, Women's Movements; Subaltern Movements.**

Unit-IV **Affirmative Action: Inclusive Policies for Scheduled Caste, Scheduled Tribes, Other Backward Classes; Welfare of Religious Minorities and Women.**

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- Zelliot, Eleanor : From Untouchable to Dalit: Essays on the Ambedkar Movement, Manohar Publication, New Delhi; (1995),
- Guha, Ranjit : Sub-altern Studies, Oxford University Press, New York 1988.,
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Mapping Matrix of Course M-SOCE-026

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

Table 1: Scale of mapping between COs and POs

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

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

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

Table 1 shows the CO-PO mapping matrix for a course (M-SOCE-026) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M-SOCE-026

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M-SOCE-026.1	3	3	3	2	-	3	3	2	3	-	2	-
M-SOCE-026.2	3	3	3	2	-	3	2	2	2	-	2	-
M-SOCE-026.3	3	3	3	2	-	3	3	2	2	-	2	-
M-SOCE-026.4	3	3	3	2	-	3	3	2	3	-	2	-
Average	3	3	3	2	-	3	2.75	2	2.5	-	2	-

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

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

Table 3 shows the CO-PSO mapping matrix for a course (M-SOCE-026) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M-SOCE-026

CO	PSO 1	PSO 2	PSO 3	PSO 4
M-SOCE-026.1	3	3	3	3
M-SOCE-026.2	3	3	3	3
M-SOCE-026.3	3	3	3	3
M-SOCE-026.4	3	3	3	3
Average	3	3	3	3

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M-SOCE-027(Elective) SOCIAL CHANGE AND SOCIAL MOVEMENTS IN INDIA

Credits-4
Maximum Marks –100
Theory-80
Internal Assessment-20
Time- 3 hours

Course Outcomes

- M-SOCE-027.1 Students will get an understanding of the meaning, dimension and types of social change.
- M-SOCE-027.2 Students will get familiarize with contemporary social changes in Indian society.
- M-SOCE-027.3 Students will gain knowledge of concepts, elements, classification and the theories of social movements.
- M-SOCE-027.4 Students will get an exposure to traditional and new social movements in India.

Note: - The Paper setter shall set 8 questions from all four units of the syllabus giving internal choice. However, one compulsory question in addition is to be set under fifth unit based on entire syllabus. This compulsory question would comprise four questions, four marks each. Such way, the examinees have to attempt five questions in all.

Unit-I **Social Change:** Meaning, Dimensions, Types; Endogenic and Exogenic factors; Role of Innovation in Socio-Economic Change, State interventions towards Social Change

Unit-II **Contemporary Indian Social Changes:** Modernization, Westernization, Sanskritization, Secularization, Globalization.

Unit-III **Social Movements:** Concept, Elements, Classification and Theories; Ecological Movements; Identity Movements; NGO's Activism and Leadership.

Unit-IV **Social Movements and Protests in India:** Reform movements; Tribal and Peasants Movements; Political Factions; Pressure Groups; Movements based on Caste, Ethnicity, Religion, Region, Ideology, Gender, Disability and Language; Reservation and Politics;

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Mapping Matrix of Course M-SOCE-027

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

Table 1: Scale of mapping between COs and POs

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

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

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

Table 1 shows the CO-PO mapping matrix for a course (M-SOCE-027) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M-SOCE-027

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M-SOCE-027.1	3	3	3	2	2	3	3	2	3	2	2	-
M-SOCE-027.2	3	3	3	2	2	3	3	2	3	-	2	-
M-SOCE-027.3	3	3	3	2	3	3	3	2	3	3	2	-
M-SOCE-027.4	3	3	3	2	3	3	3	2	3	3	2	-
Average	3	3	3	2	2.5	3	3	2	3	2	2	-

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

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

Table 3 shows the CO-PSO mapping matrix for a course (M-SOCE-027) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M-SOCE-027

CO	PSO 1	PSO 2	PSO 3	PSO 4
M-SOCE-027.1	3	3	3	3
M-SOCE-027.2	3	3	3	3
M-SOCE-027.3	3	3	3	3
M-SOCE-027.4	3	3	3	3
Average	3	3	3	3

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M-SOCE-028 (Elective) PRACTICAL- PRACTICE OF COMPUTER APPLICATIONS

Credits-4
Maximum Marks –100
Time- 1 hour

Course Outcomes

- M-SOCE-028.1 Students will get a practical knowledge of computer system and its functions.
- M-SOCE-028.2 Students will gain practical skill to use different programs and software useful for social research.
- M-SOCE-028.3 Students will be proficient in MS-Office, Internet and E-mailing etc.
- M-SOCE-028.4 Students will get an exposure to the use of e-Books and online journals and other e-resources.

Note: This practical paper consists of two parts A and B. Part A consists of twelve practical topics. The evaluation will be based on practical note book on six topics (ten marks each) out of total twelve topics. In Part B a practical will be allotted to a candidate during examination and evaluated on the basis of performance in practical having 20 marks and Viva-voce of 20 marks.

Part-A 60 marks (List of Practical)

- 1) Introduction to Computer, its various components and its functions.
- 2) Operating Systems- Installation and its features.
- 3) Major Software Applications used in Social Research.
- 4) Anti-Virus Utilities.
- 5) Microsoft Office and Practice of Typing.
- 6) MS-Excel.
- 7) Preparation of Power Point Presentation.
- 8) Internet and E-mailing.
- 9) Downloading, Editing, Scanning and Printing.
- 10) E-Resources.
- 11) Use of Plagiarism Software like Turnitin
- 12) Open Access Publishing (UGC)

Part-B 40 marks

- 1) Practical Examination: 20 Marks
- 2) Viva-voce 20 Marks

Note: - * indicates that there is no internal assessment marks in practical paper.

Mapping Matrix of Course M-SOCE-028

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

Table 1: Scale of mapping between COs and POs

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

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

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

Table 1 shows the CO-PO mapping matrix for a course (M-SOCE-028) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M-SOCE-028

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M-SOCE-028.1	3	3	-	3	3	3	3	3	3	-	-	3
M-SOCE-028.2	3	3	-	3	3	3	3	3	3	-	-	3
M-SOCE-028.3	3	3	-	3	3	3	3	3	3	-	-	3
M-SOCE-028.4	3	3	-	3	3	3	3	3	3	-	-	3
Average	3	3	-	3	3	3	3	3	3	-	-	3

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

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

Table 3 shows the CO-PSO mapping matrix for a course (M-SOCE-028) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M-SOCE-028

CO	PSO 1	PSO 2	PSO 3	PSO 4
M-SOCE-028.1	3	3	2	3
M-SOCE-028.2	3	3	2	3
M-SOCE-028.3	3	3	2	3
M-SOCE-028.4	3	3	2	3
Average	3	3	2	3

KURUKSHETRA UNIVERSITY, KURUKSHETRA
M.A. (Final), 4th SEMESTER, SOCIOLOGY

Syllabus and Courses of Reading (w.e.f.2021-2022)

M-SOCC-09 (Compulsory) SOCIOLOGICAL CONCEPTS AND KEY IDEAS

Credits-4
Maximum Marks –100
Theory-80
Internal Assessment-20
Time- 3 hours

Course Outcomes

M-SOCC-09.1	Students will get detailed understanding of current sociological concepts along with global social processes.
M-SOCC-09.2	Students will be familiarized with key ideas in contemporary sociology in the world.
M-SOCC-09.3	Students will acquire knowledge of various types of emerging societies in the post-modern world.
M-SOCC-09.4	Students will learn about critical issues in new social theory beyond the boundaries of the discipline.

Note: - The Paper setter shall set 8 questions from all four units of the syllabus giving internal choice. However, one compulsory question in addition is to be set under fifth unit based on entire syllabus. This compulsory question would comprise four questions, four marks each. Such way, the examinees have to attempt five questions in all.

Unit: I	Globalization- Glocalization; Orientalism; Americanization; Easternization; World Capitalistic System.
Unit: II	Civil Society; Public Sphere; Multi-culturalism; Radical Modernity.
Unit: III	Global Society; Network Society; Knowledge Society; Risk Society; Surveillance Society.
Unit: IV	Identity; Ideology; Simulacrum; Imagined Communities; Virtual Community; New Citizenship.

REFERENCES:

- Anderson, B. : “Imagined Communities” in Theory Reader, Seidman, S.: Routledge, London; (2001),
Barker, Chris&. : Cultural Studies and Discourse Analysis, Sage Publication, New Delhi ;(2001).
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Giddens, Anthony : Capitalism & Modern Social Theory, Cambridge University Press, Cambridge; (1996),
Jones, Pip : Introducing Social Theory, Polity Press, Cambridge; (2003),
Kivisto, P. : Key Ideas in Sociology (2nd ed.), 8Pine Forge Press, New Delhi; (2004),
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Lyotard, J.F. : The Postmodern Condition: A Report on Knowledge (1979)
Ritzer, George : Modern Sociological Theory, New York: McGraw Hill.; (2000)
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Rhoads, John K. : Critical Issues in Social Theory, Renn State Press; (1991),
Said, Edward : Orientalism, Pantheon Books, Asia (1978)
Seidman, S. & Alexander, J.C : The New Social Theory Reader, Routledge, London, (2001)
Slattery, M. : Key Ideas in Sociology, Nelson Thornes Ltd.UK; (2003)
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Toffler, Alwin : Future Shock, Bentum Books, New York; (1971),
Turner, J.H. : The Structure of Sociological Theory, Rawat Pub, Jaipur; (1995)

Mapping Matrix of Course M-SOCC-009

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

Table 1: Scale of mapping between COs and POs

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

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

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

Table 2 shows the CO-PO mapping matrix for a course (M-SOCC-009) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M-SOCC-009

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M-SOCC-009.1	3	3	3	2	-	3	3	2	-	3	2	-
M-SOCC-009.2	3	3	3	2	-	3	3	2	-	3	2	-
M-SOCC-009.3	3	3	3	2	-	3	3	2	-	3	2	-
M-SOCC-009.4	3	3	3	2	-	3	3	2	-	3	2	-
Average	3	3	3	2	-	3	3	2	-	3	2	-

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

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

Table 3 shows the CO-PSO mapping matrix for a course (M-SOCC-009) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M-SOCC-009

CO	PSO 1	PSO 2	PSO 3	PSO 4
M-SOCC-009.1	3	3	3	3
M-SOCC-009.2	3	3	3	3
M-SOCC-009.3	3	3	3	3
M-SOCC-009.4	3	3	3	3
Average	3	3	3	3

KURUKSHETRA UNIVERSITY, KURUKSHETRA
M.A. (Final), 4th SEMESTER, SOCIOLOGY
Syllabus and Courses of Reading (w.e.f.2021-2022)

M-SOCC-010 (Compulsory) SOCIETY, ECONOMY AND DEVELOPMENT

Credits-4
Maximum Marks –100
Theory-80
Internal Assessment-20
Time- 3 hours

Course Outcomes

- M-SOCC-010.1 Students will gain an understating of the concepts, indicators and variants of development.
- M-SOCC-010.2 Students will gain insight into theories of development.
- M-SOCC-010.3 Students will understand the role of economy in development along with emerging trends.
- M-SOCC-010.4 Students will be able to analyse the relation between social structure and development.

Note: - The Paper setter shall set 8 questions from all four units of the syllabus giving internal choice. However, one compulsory question in addition is to be set under fifth unit based on entire syllabus. This compulsory question would comprise four questions, four marks each. Such way, the examinees have to attempt five questions in all.

UNIT-I Development : Concept and indicators; **Variants** - Economic Development& its Models, Social Development, Human Development, Sustainable Development; Idea of Equal Opportunity and inclusive Development.

UNIT-II Theories of Development: Modernization, Dependency and World system, Globalization-Glocalization; Paths of Development-Capitalistic, Socialistic, Gandhian; State and Market-Welfarism and Neoliberalism

UNIT-III Economy and Development: Mode of Production Debates; Exchange, Gift, Capital, Labour and Market; Property and Property Relations; Digital Economy, E-Commerce; Global Business and Corporates; Tourism; Consumption; Public-Private Participation, Foreign Direct Investment (FDI).

UNIT-IV Social Structure and Development: Socio-Cultural impediments to Development; Business & Family; Break downs in Development--Environmental Crises, Inequalities in Development; GDP v/s Equality Approach; Human Happiness Index.

Reference

- Agarwal, Anil : "Economy and Environment in India", in Anil Aggarwal (ed.) The Price of Forests, Centre for Science and Environment, New Delhi ;(1989).
- Appadurai, Arjun. : Modernity at Large Cultural Dimensions of Globalization, Oxford University Press, New Delhi; 1997
- Bernd, Hamns& Pandurang K.Mutagi 1998 : Sustainable Development and Future of Cities, Intermediate Technology Publication, UNESCO;
- Dereze, Jeanand : India: Economic Development and Social Opportunity, OUP, New Delhi; Amartya Sen. (1996),
- Desai, A.R. : India's Path of Development: A Marxist Approach, Popular Parkashan. Bombay, 1985 (Chapter2).
- Dube, S.C. : Modernization and Development: The Search for Alternative Paradigm, Vistaar Publication, New Delhi; (1988),
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- Myrdal, G. : In Shanin, Theodor (Ed.), Peasant and Peasant Societies, Penguin; 1966
- Sharma, SL : Criteria of Social Development, Journal of Social Action. Jan-Mar; 1980
- N. Long : An Introduction to the Sociology of Rural Development, Tavistock Publications; London; (1977),
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- Srinivas, M.N. : Social Change in Modern India, University of Berkley, Berkley, 1966.
- : Symposium on Implications of Globalization, Sociological Bulletin. Vol.44 (Articles by Mathew, Panini & Pathy);
- UNDP. : Sustainable Development, New York: OUP; (1995)
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- Wallerstein Immanue: The Modern World System. OUP, New York,(1974),
- World Commission : Our Common Future, (Brundtland Report).OUP, New Delhi; (1987),

Mapping Matrix of Course M-SOCC-010

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

Table 1: Scale of mapping between COs and POs

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

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

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

Table 2 shows the CO-PO mapping matrix for a course (M-SOCC-010) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M-SOCC-010

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M-SOCC-010.1	3	3	3	3	2	3	3	2	2	2	2	-
M-SOCC-010.2	3	3	3	3	2	3	3	2	3	2	2	-
M-SOCC-010.3	3	3	3	3	2	3	3	2	3	2	2	-
M-SOCC-010.4	3	3	3	3	2	3	3	2	2	2	2	-
Average	3	3	3	3	2	3	3	2	2.5	2	2	-

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

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

Table 3 shows the CO-PSO mapping matrix for a course (M-SOCC-010) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M-SOCC-010

CO	PSO 1	PSO 2	PSO 3	PSO 4
M-SOCC-010.1	3	3	3	3
M-SOCC-010.2	3	3	3	3
M-SOCC-010.3	3	3	3	3
M-SOCC-010.4	3	3	3	3
Average	3	3	3	3

KURUKSHETRA UNIVERSITY, KURUKSHETRA
M.A. (FINAL), 4th SEMESTER, SOCIOLOGY
Syllabus and Courses of Reading (w.e.f.2021-2022)

M-SOCE-029 (Elective)

Cultural Studies

Credits-4
 Maximum Marks –100
 Theory-80
 Internal Assessment-20
 Time- 3 hours

Course Outcomes

- M-SOCE-029.1 Students will learn about meaning, emergence, nature and significance of cultural studies.
- M-SOCE-029.2 Students will be familiarized with various perspectives of cultural studies.
- M-SOCE-029.3 Students will be acquainted with key concepts and methods in cultural studies.
- M-SOCE-029.4 Students will gain knowledge of issues related to the production and consumption of the culture.

Note: - The Paper setter shall set 8 questions from all four units of the syllabus giving internal choice. However, one compulsory question in addition is to be set under fifth unit based on entire syllabus. This compulsory question would comprise four questions, four marks each. Such way, the examinees have to attempt five questions in all.

- Unit-I** **Cultural Studies:** Emergence; Meaning, Nature and Scope; Place of Cultural studies in social science and Humanities; Arts and Aesthetics
- Unit-II** **Cultural Studies Perspectives:** Contribution of Symbolic Interactionism, Critical School, Structuralism, Post Structuralism/Postmodernism.

Methods of Cultural Studies- Ethnographic, Anthropological, Discourse Analysis, Semiotics
- Unit-III** **Key concepts and Methods in Cultural Studies:** Cultural Identity and Mobilization, Representation, Ideology; Cultural Politics; Cultural Text; Sites of Cultural Studies
- Unit-IV** **Production and consumption of Culture:** Production of meanings and Signification; Gender Body and Culture; Production of popular culture; Sports Culture; Post-Modern Culture.

Reference:

Roll and Barthes	: Mythologies, Vintage, Jonarthan Cape; 2000/1972
Gillian Rose	: Visual Methodologies: An Introduction to the interpretation of visual material (IIndEd.) Sage Publication Delhi, 2001
Daniel Chandler	: Semiotics basics, Routledge, London; 2002
Gary Halland	: New Cultural Studies, Adventures in Theory
Clare, Birchall	
Jeremy Volentine	: Cultural Studies and Post Marxism (Ch.3) in New Cultural Studies, Sage publication, New Delhi; 2007
Steve Taylor	: Sociology: Issue and debates, Palgrave; 1999
Swingwood, Alan	: A Short history of Sociological theory, Palgrave; (3 rd Ed.) 2000.
Barkar, Chris &	: Cultural Studies and Discourse Analysis: A dialogue on Language and Identity,
Dariusz, Golasinski	Sage Publication, New Delhi; 2001
Nayar, K, Pramod	: Literary Theory Today, Asia Book Club, New Delhi.
Lemert Charles (Ed.)	: Social Theory: The Multicultural & Classic Readings; Rawat Publication; (2 nd Ed.)1999.
John Scottand	: Dictionary of Sociology, Oxford University Press; 2009(Revised Ed.)
Garder Merdull	

Mapping Matrix of Course M-SOCE-029

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

Table 1: Scale of mapping between COs and POs

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

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

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

Table 1 shows the CO-PO mapping matrix for a course (M-SOCE-029) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M-SOCE-029

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M-SOCE-029.1	3	3	3	3	2	3	3	2	3	-	2	-
M-SOCE-029.2	3	3	3	3	2	3	3	2	3	-	2	-
M-SOCE-029.3	3	3	3	3	3	3	3	2	3	-	2	-
M-SOCE-029.4	3	3	3	3	3	3	3	2	3	-	2	-
Average	3	3	3	3	2.5	3	3	2	3	-	2	-

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

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

Table 3 shows the CO-PSO mapping matrix for a course (M-SOCE-029) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M-SOCE-029

CO	PSO 1	PSO 2	PSO 3	PSO 4
M-SOCE-029.1	3	3	3	3
M-SOCE-029.2	3	3	3	3
M-SOCE-029.3	3	3	3	3
M-SOCE-029.4	3	3	3	3
Average	3	3	3	3

KURUKSHETRA UNIVERSITY, KURUKSHETRA

M.A. (FINAL), 4th SEMESTER, SOCIOLOGY

Syllabus and Courses of Reading (w.e.f.2021-2022)

M-SOCE-030 (Elective)

ENVIRONMENT AND SOCIETY

Credits-4

Maximum Marks –100

Theory-80

Internal Assessment-20

Time- 3 hours

Course Outcomes

- M-SOCE-030.1 Students will learn about sociological thinking on environment.
- M-SOCE-030.2 Students will acquire capability to analyse the developmental issues and environmental factors.
- M-SOCE-030.3 Students will be familiarized with various environmental movements in India.
- M-SOCE-030.4 Students will know about green policies and programs.

Note: - The Paper setter shall set 8 questions from all four units of the syllabus giving internal choice. However, one compulsory question in addition is to be set under fifth unit based on entire syllabus. This compulsory question would comprise four questions, four marks each. Such way, the examinees have to attempt five questions in all.

Unit-I **Environmental Sociology:** Meaning and Concept; Social and Cultural Ecology-Diverse Forms; Climate Change and International Policies.

Sociological Thinking on Environment: Karl Marx; Max Weber; Luhman – Social System and Environment.

Unit-II **Developmental Issues and Environmental Factors:** Technology Change, Agriculture and Biodiversity; Factorization; Environmental Consciousness, Dimensions of Environmental Degradation, Disasters and Community Responses; Food Security.

Unit-III **Environmental Movements in India:** International Intervention; Green Movements, Chipco movement, Narmada Bachao Andolan, Ganga Bachao Abhiyan; Water and Social Exclusion;

Unit-IV **Green Policies and Programs:** Environmental Acts, Forest Policies, Adivasis and Exclusion; Displacement and Rehabilitation Policy; Environmental Pollution, Public Health and Disability; Gender and Environment; Culture and Environment; Indigenous knowledge Systems and Ethno-Medicine.

REFERENCES:

- Albrow, Martin & Elizabeth King (Ed.) : Globalization, Knowledge and Society, Sage: London; (1990)
- Agarwal, Anil : “Economy and Environment in India”, in Anil Aggarwal (ed) The Price of Forests.: Centre or Science and Environment, New Delhi; (1989).
- Baviskar. Amita : In the Valley of the River: Tribal Conflict over Development in the Narmada Valley, OUP, Delhi; (1995),
- Benton, Ted : Natural Relations, Verso, London; (1993)
- Bhatt, Anil : Development and Social Justice: Micro Action by Weaker Section, Sage: New Delhi; (1989)
- Burman, B.K. Roy : Report of Committee on Forest and Tribals in India, Government. of India, Ministry of Home Affairs, New Delhi;(1982)
- Chauhan, I.S : Environmental Degradation, Rawat Publications, Delhi.(1998)
- Dickens,Peter : Society and Nature: Towards a Green Social Theory, Hemel-Hemsted: Hawester Wheatsheaf.; (1992)
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- Ghai, Dharam : Development and Environment: Sustaining People and Nature UNRISD, Blackwell Publication. (ed.)(1994)
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- Guha,Rame Chandra: The Unquiet Woods: Ecological Change and Peasant Resistance in the Himalaya, OUP: Delhi; (1995)
- Katyal, Jimmy and M.Satake : Environmental Pollution, Anmol Publications; (1989)
- Krishna, Sumi : Environmental Politics: People’s lives and Development Choices, New Delhi: Sage Publications; (1996)
- Mehta S.R : Poverty, Population and Sustainable Development, Rawat Publications, New Delhi;(ed.)(1997)
- Munshi, Indra : “Environment’ in Sociological Theory”, Sociological Bulletin, Vol. 49 No. 2; (2000),
- Plumwood, Val : Gender and Ecology: Feminism and Making of Nature: Routledge. London; (1992)
- Shiva, Vandana : Staying Alive: Women, Ecology and the Environment, Zed Books, London; (1988)
- World Commission on Environment and Development : Our Common Future, (Brundtland Report), OUP, New Delhi; (1987),
- Wilson, Des : The Environmental Crisis Heinemann, London; (ed.) (1984)

Mapping Matrix of Course M-SOCE-030

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

Table 1: Scale of mapping between COs and POs

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

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

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

Table 1 shows the CO-PO mapping matrix for a course (M-SOCE-030) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M-SOCE-030

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M-SOCE-030.1	3	3	3	3	-	3	3	2	3	2	2	-
M-SOCE-030.2	3	3	3	3	-	3	3	2	3	2	2	-
M-SOCE-030.3	3	3	3	3	-	3	3	2	3	3	2	-
M-SOCE-030.4	3	3	3	3	-	3	3	2	3	3	2	-
Average	3	3	3	3	-	3	3	2	3	2.5	2	-

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

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

Table 3 shows the CO-PSO mapping matrix for a course (M-SOCE-030) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M-SOCE-030

CO	PSO 1	PSO 2	PSO 3	PSO 4
M-SOCE-030.1	3	3	3	3
M-SOCE-030.2	3	3	3	3
M-SOCE-030.3	3	3	3	3
M-SOCE-030.4	3	3	3	3
Average	3	3	3	3

KURUKSHETRA UNIVERSITY, KURUKSHETRA
M.A. (FINAL), 4th SEMESTER, SOCIOLOGY
Syllabus and Courses of Reading (w.e.f.2021-2022)

M-SOCE-031 (Elective)

INDUSTRIAL SOCIOLOGY

Credits-4
 Maximum Marks –100
 Theory-80
 Internal Assessment-20
 Time- 3 hours

Course Outcomes

- M-SOCE-031.1 Students will learn about historical perspective of industrialization and the nature & scope of industrial sociology.
 M-SOCE-031.2 Students will acquire knowledge of politico-economics frame of industry as a system.
 M-SOCE-031.3 Students will get an exposure to issues of industrial work force.
 M-SOCE-031.4 Students will be able to interpret industry and society interface.

Note: - The Paper setter shall set 8 questions from all four units of the syllabus giving internal choice. However, one compulsory question in addition is to be set under fifth unit based on entire syllabus. This compulsory question would comprise four questions, four marks each. Such way, the examinees have to attempt five questions in all.

- Unit-I Definition and Perspectives:** Nature and Scope of Industrial Sociology; History of Technological Development; Pace of Industrialization, De-Industrialization & Growth beyond Industrialization; Major Perspectives – Marx, Weber, Ritzer (McDonaldization)
- Unit- II Politico-Economic Frame of Industry:** Sectors of Economy; Factory as a System; Industrial Management Approaches – Scientific Management and Human Relation; Industrial Democracy, Growth of Slums, Environmental Degradation and Health Hazards
- Unit- III Industrial Work-Force:** Changing Character of Work-Force in India; Motivation and Morale; Work Culture; Worker's Welfare; From Collective Bargaining to Individual Negotiation
- Unit- IV Industry-Society Interface:** Impact of Industry on Social Structure i.e. on Caste, Class, Joint Family, Kinship and on Socio-Cultural Values of Society; Technology & Changing Family Relations

Readings:-

- Daniel, Bell : The Coming of Post-Industrial Society, Basic Books, New York; 1973
 Desai, A.R. : Rise and Development of Modern Indian Industries Perspective Chapter VII in Social Background of Indian Nationalism; Popular Parkashan, Bombay; 1978
 Edwards, Paul : Industrial Relations, Blackwell Publishing; 2003
 Faunce, William : Problem of Industrial Society, McGraw Hill Book Company; 1968
 Giddens, A. : Sociology (4thEd.) Polity; 2001
 Gisbert, S.J. : Fundamental of Industrial Sociology, McGraw Hill; 1972
 Hal. R. Arkese & : Psychological Theory of Motivation, Thomson Brooks/Cole 1977
 Haralambos : Sociology: Themes and Perspectives, Bell and Hyman, London; 1985
 John P.Garske : Brookes/Cole Publishing Co. Ltd. New Delhi; 1985
 Hoselitz, B.& : Industrialization and Society, UNESCO;1960
 Moore, W.E.
 Melvin & Jacks : New Foundations for Industrial Sociology, East-West Press Pvt. Ltd. New Delhi; 1965
 Ramaswamy, E.S. : Industrial Relation in India: A Sociological Perspective, Thee Milan, India; 1978
 Sheth, N.R. : Industrial Sociology in India, Allied Publishers Pvt. Ltd. New Delhi; 1985
 Vitalse, M. : Motivation and Morale in Industry, Allied Pub. Bombay; 1962
 Watson, T.J. : Sociology, Work and Industry, Routledge; 1995

Mapping Matrix of Course M-SOCE-031

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

Table 1: Scale of mapping between COs and POs

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

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

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

Table 1 shows the CO-PO mapping matrix for a course (M-SOCE-031) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M-SOCE-031

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M-SOCE-031.1	3	3	3	3	2	3	3	2	3	2	2	-
M-SOCE-031.2	3	3	3	3	2	3	3	2	3	3	2	-
M-SOCE-031.3	3	3	3	3	2	3	3	2	3	3	2	-
M-SOCE-031.4	3	3	3	3	2	3	3	2	3	2	2	-
Average	3	3	3	3	2	3	3	2	3	2.5	2	-

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

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

Table 3 shows the CO-PSO mapping matrix for a course (M-SOCE-031) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M-SOCE-031

CO	PSO 1	PSO 2	PSO 3	PSO 4
M-SOCE-031.1	3	3	3	3
M-SOCE-031.2	3	3	3	3
M-SOCE-031.3	3	3	3	3
M-SOCE-031.4	3	3	3	3
Average	3	3	3	3

KURUKSHETRA UNIVERSITY, KURUKSHETRA
M.A. (Final), 4th SEMESTER, SOCIOLOGY

Syllabus and Courses of Reading (w.e.f.2021-2022)

M-SOCE-032 (Elective) SOCIOLOGY OF ORGANIZATIONS AND HUMAN RESOURCE DEVELOPMENT

Credits-4
Maximum Marks –100
Theory-80
Internal Assessment-20
Time- 3 hours

Course Outcomes

- | | |
|--------------|--|
| M-SOCE-032.1 | Students will be acquainted with industrial evolution and growth of formal organization. |
| M-SOCE-032.2 | Students will learn about organizational behaviour. |
| M-SOCE-032.3 | Students will understand the basic concepts and processes related to the human resource development. |
| M-SOCE-032.4 | Students will get a substantial understanding of human resource management and practice in India. |

Note: - The Paper setter shall set 8 questions from all four units of the syllabus giving internal choice. However, one compulsory question in addition is to be set under fifth unit based on entire syllabus. This compulsory question would comprise four questions, four marks each. Such way, the examinees have to attempt five questions in all.

- | | |
|-----------------|---|
| Unit-I | Industrial Revolution and Growth of Formal Organisations; Corporatization; Theories of Modern Organization-Rational Bureaucracy (Max Weber), Informal Process in Organization (Blau, P.M.); Power and Compliance (Etzioni); Fordism and Post-Fordism. |
| Unit-II | Organizational Behaviour: Organization Man, Organizational Environment, Organizational Leadership, Goal Commitment and Goal Displacement; Role of incentive and Punishment |
| Unit-III | Human Resource Development: Concept and Meaning; Importance of Human Resource; Component Concepts of Human Resource--Human Capital, Social Capital; Education and Human Resource Development |
| Unit-IV | Human Resource Management and Practice in India: Recruitment Principles, Training, Human Resource Maintenance; Grievances Redressal |

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- | | |
|------------------------|---|
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| Agarwal, R.D | : Dynamics of labour Relations in India, A book Readings, Tata Mc Graw Hill; (1972) |
| Denis, Pym | : Industrial Society: Social Sciences in Management, Penguin Books, Paper Back; (1968) |
| E.V. Schneider | : Industrial Sociology, Second Edition, McGraw Hill, New York.; (1969), |
| Etzioni, A. | : Modern Organizations: Prentice Hall of India, New Delhi; (1987), |
| F. William | : Readings in Industrial Sociology, Appleton Century Books; (1967) |
| H.C. Gandhi | : Industrial Productivity and Motivations, Asia Publishing. House, Bombay. (1961), |
| Jean, Fleetand | : Sociology of Works in Industry, Collier Macmillan Ltd; (1971), |
| John F. Goldthrope | |
| K.K. Sen | : Indian Labour Legislation and Industrial Laws, The World Press Pvt. Ltd., Calcutta ;(1968). |
| Karnik,VB | : Indian Trade Union: A survey, Popular Parkashan, Mumbai;(1970), |
| Laxamanna, C(etal) | : Workers Participation and Industrial Democracy: Global Perspective: Ajantha Publications, New Delhi; (1990) |
| N.R. Sheth | : The Social Framework of an Indian Factory, Oxford University Press; (1968), |
| Philip Hancockand | : Work Post Modernism and Organization, Sage Publication, New Delhi; (2001), |
| Melissa Taylor | |
| Ramaswamy, EA | : Industry and labour, Macmillan New Delhi: OUP; (1988) |
| Ramaswamy, EA | : Industry relation in India, New Delhi;(1978) |
| Watson, K Tony | : Sociology, work and Industry, Routledge Kegan Paul ;(1995) |
| Weber, Max | : Theory of Social and Economic Organization, The Free Press, New York; (1997) |

Mapping Matrix of Course M-SOCE-032

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

Table 1: Scale of mapping between COs and POs

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

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

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

Table 1 shows the CO-PO mapping matrix for a course (M-SOCE-032) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M-SOCE-032

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M-SOCE-032.1	3	3	3	3	-	3	3	2	3	3	2	-
M-SOCE-032.2	3	3	3	3	-	3	3	2	3	3	2	-
M-SOCE-032.3	3	3	3	3	-	3	3	2	3	3	2	-
M-SOCE-032.4	3	3	3	3	-	3	3	2	3	3	2	-
Average	3	3	3	3	-	3	3	2	3	3	2	-

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

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

Table 3 shows the CO-PSO mapping matrix for a course (M-SOCE-032) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M-SOCE-032

CO	PSO 1	PSO 2	PSO 3	PSO 4
M-SOCE-032.1	3	3	3	3
M-SOCE-032.2	3	3	3	3
M-SOCE-032.3	3	3	3	3
M-SOCE-032.4	3	3	3	3
Average	3	3	3	3

KURUKSHETRA UNIVERSITY, KURUKSHETRA
M.A. (Final), 4th SEMESTER, SOCIOLOGY

Syllabus and Courses of Reading (w.e.f.2021-2022)

M-SOCE-033(Elective)

SOCIOLOGY OF HEALTH

Credits-4
 Maximum Marks –100
 Theory-80
 Internal Assessment-20
 Time- 3 hours

Course Outcomes

- M-SOCE-033.1 Students will know about the meaning, scopes and dimensions of sociology of health.
- M-SOCE-033.2 Students will be familiarized with the basic concepts of sociology of health.
- M-SOCE-033.3 Students will acquire an understanding of distributional aspects of health and diseases.
- M-SOCE-033.4 Students will get a detailed knowledge of position of healthcare and healthcare system in India.

Note: - The Paper setter shall set 8 questions from all four units of the syllabus giving internal choice. However, one compulsory question in addition is to be set under fifth unit based on entire syllabus. This compulsory question would comprise four questions, four marks each. Such way, the examinees have to attempt five questions in all.

- Unit-I Sociology of Health:** Meaning and scope; Dimensions of Human Health; Social Perspective on Health and Illness; Self Concept and Health.
- Unit-II Basic Concepts:** Health, Disease, Sick role, Health Care, Health Socialization, Health Social Movements; Medicalization of Society.
- Unit-III Distributional aspects of Health and Disease:** Caste, Class, Gender, Occupational Groups, Rural and Urban variations; Life-styles and Diseases.
- Unit-IV Health Care and Health Care System in India:** Carrying Capacity of Health Institutions; Health Programmes in India, Health Insurance Schemes; National Rural Health Mission; WHO Activities

REFERENCES:

Albert, Gary L. and Fitzpatrick. R : Quality of Life in Health Care: Advances in Medical Sociology, Jai Press, Mumbai; (1994)

Bloom, S.W. : The Doctor and His Patient: Free Press, New York; (1963)

Conrad, Peter : The Medicalization of Society: On the Transformation of Human Conditions into Medical Disorders, John Hopkins University Press; (2007)

Dingwal, Robert : Aspects of Illness, Martin Press, London; (1976)

Dutt, P.K. : Rural Health Services, DGHS, New Delhi; (1965)

Freeman, Howard.E. and SolLevine Cliffs : Handbook of Medical Sociology, Englewood: Prentice-Hall, New-Jersey; (1989)

Hasan, K. :The Cultural Frontiers of Health in Village India, Manakatlas, Bombay;(1967)

Madan, T.N. : Doctors and Society: Vikas Publishing House, New Delhi; 1980

Mechanic, David : Medical Sociology: A Selective View, Free Press, New-York; (1968)

Government of India : National Rural Health Mission, 2005

Oommen, T.K. : Doctors and Nurses: A Study in Occupational Role Structure, Macmillan, Delhi; (1978)

Park, J.R.& K. Park : Text Book of Preventive and Social Medicine, Banarasidass and Company Jabalpur; (2000)

Parson, Talcott : The Social System: Free Press, Illinois; (1951),

Taylor, S. Ch. : “Health, Illness and Medicine” pp253-276 in Sociology: Issues and Debates Ed. by Taylor Steve; Palgrave, 1999

Schawatz, H. : Dominant Issues in Medical Sociology, McGraw-Hill, New York; (1994)

Taylor Steve : Sociology: Issues and Debates, Palgrave; (ed.) (1999),

Mapping Matrix of Course M-SOCE-033

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

Table 1: Scale of mapping between COs and POs

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

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

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

Table 1 shows the CO-PO mapping matrix for a course (M-SOCE-033) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M-SOCE-033

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M-SOCE-033.1	3	3	2	3	-	3	3	2	2	-	2	-
M-SOCE-033.2	3	3	2	3	-	3	3	2	2	-	2	-
M-SOCE-033.3	3	3	2	3	-	3	3	2	2	-	2	-
M-SOCE-033.4	3	3	2	3	-	3	3	2	2	-	2	-
Average	3	3	2	3	-	3	3	2	2	-	2	-

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

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

Table 3 shows the CO-PSO mapping matrix for a course (M-SOCE-033) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M-SOCE-033

CO	PSO 1	PSO 2	PSO 3	PSO 4
M-SOCE-033.1	3	3	2	3
M-SOCE-033.2	3	3	2	3
M-SOCE-033.3	3	3	2	3
M-SOCE-033.4	3	3	2	3
Average	3	3	2	3

KURUKSHETRA UNIVERSITY, KURUKSHETRA
M.A. (Final), 4th SEMESTER, SOCIOLOGY

Syllabus and Courses of Reading (w.e.f.2021-2022)

M-SOCE-034 (Elective)

PERSPECTIVES ON INDIAN SOCIETY

Credits-4
Maximum Marks –100
Theory-80
Internal Assessment-20
Time- 3 hours

Course Outcomes

- M-SOCE-034.1 Students will get an insight about text view and Indological approach to understand Indian social system.
- M-SOCE-034 .2 Students will be acquainted with the structural-functional view to interpret Indian society and culture.
- M-SOCE-034.3 Students will get a critical learning through Marxian perspective to analyse Indian social structure.
- M-SOCE-034.4 Students will acquire understanding of subaltern perspective in terms of analyzing Indian social system.

Note: - The Paper setter shall set 8 questions from all four units of the syllabus giving internal choice. However, one compulsory question in addition is to be set under fifth unit based on entire syllabus. This compulsory question would comprise four questions, four marks each. Such way, the examinees have to attempt five questions in all.

Unit-I	Text View/Indological Approach	--	G.S. Ghurye, Louis Dumont
Unit-II	Structural-Functional View:	--	M.N. Srinivas, S.C. Dube
Unit-III	Marxian Perspective:	--	D.P. Mukerjee, A.R. Desai
Unit-IV	Subaltern Perspective:	--	B.R. Ambedkar, David Hardiman

Readings:-

- Atal, Yogesh : Indian Sociology from Where to Where Rawat Publication, New Delhi; 2003
- Ambedkar, B.R. : The Untouchable Who Were They and Why They Became Untouchable, Amrit Book, Delhi: (1949),
- Desai, A.R. : Rural Sociology in India, Popular Prakashan, Bombay; 1996
- Desai, A.R. : Rural India in Transition, Popular Prakashan, Bombay; 1979
- Dube, S.C. : Indian Village, Routledge, London; 1967
- Dhanagre, D.N. : Themes and Perspective in Indian Sociology, Rawat Publication, Jaipur; 1993
- Dumont, Louis : Homo Hierarchicus: The caste System and its Implications, Vikas Pub., New Delhi; 1970
- Ghurye, G.S. : Caste and Race in India Popular Prakashan, Bombay; 1969
- Hardiman, D. : Feeding the Bania: Peasants and Usurers in Western India, Oxford University Press; 1996
- Hardiman, D. : The Coming of the Devi: Adivasi Assertion in Western India, Oxford University Press; 1987
- Marriot, M. : India Through Hindu categories, Sage Publication, New Delhi; 1990
- Mendalbaum, G. : Society in India: (Vol.I & II), Popular Prakashan, Bombay.
- Momin, A.R. : The Legacy of G.S. Ghurye: A Centennial Festschrift, Popular Parkashan, Bombay; 1996
- Mukerjee,D.P. : Indian Culture: A Sociological Study, Roopa & Sons, Delhi
- Oommen, T.K.& Mukerjee, P.N. : Indian Sociology: Reflections and Introspections, Popular Parkashan, Bombay;1986
- Singh, Y. : Modernization of Indian Tradition, Thomson press, Faridabad; 1973
- Singh, Y. : Indian Sociology: Social Conditioning and Emerging Concerns, Vistaar Pub., Delhi; 1986
- Srinivas, M.N. : India's Village, Asia Publishing House, Bombay; 1960
- Surinder S. Jodhka : Village Society, Orient Black Swan, Delhi, 2012 (ed.)

Mapping Matrix of Course M-SOCE-034

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

Table 1: Scale of mapping between COs and POs

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

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

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

Table 1 shows the CO-PO mapping matrix for a course (M-SOCE-034) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M-SOCE-034

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M-SOCE-034.1	3	3	3	3	-	2	-	2	2	-	2	-
M-SOCE-034.2	3	3	3	3	-	2	-	2	2	-	2	-
M-SOCE-034.3	3	3	3	3	-	2	-	2	2	-	2	-
M-SOCE-034.4	3	3	3	3	-	2	-	3	2	-	2	-
Average	3	3	3	3	-	2	-	2.25	2	-	2	-

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

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

Table 2 shows the CO-PSO mapping matrix for a course (M-SOCE-034) assuming that there are 4 PSOs and 4COs.

Table 2: CO-PSO Matrix for the Course M-SOCE-034

CO	PSO 1	PSO 2	PSO 3	PSO 4
M-SOCE-034.1	3	3	3	3
M-SOCE-034.2	3	3	3	3
M-SOCE-034.3	3	3	3	3
M-SOCE-034.4	3	3	3	3
Average	3	3	3	3

KURUKSHETRA UNIVERSITY, KURUKSHETRA
M.A. (Final), 4th SEMESTER, SOCIOLOGY

Syllabus and Courses of Reading (w.e.f.2021-2022)

M-SOCE-035 (Elective)

SOCIOLOGY OF MASS COMMUNICATION

Credits-4

Maximum Marks –100

Theory-80

Internal Assessment-20

Time- 3 hours

Course Outcomes:-

- M-SOCE-035.1 Students will gain knowledge of concepts, types and basic model of the process of communication.
- M-SOCE-035.2 Students will know about features, functions and means of mass communication.
- M-SOCE-035.3 Students will be able to get an idea of theories pertaining to mass media and media criticism.
- M-SOCE-035.4 Students will get an insight about role of communication in development of India.

Note: - The Paper setter shall set 8 questions from all four units of the syllabus giving internal choice. However, one compulsory question in addition is to be set under fifth unit based on entire syllabus. This compulsory question would comprise four questions, four marks each. Such way, the examinees have to attempt five questions in all.

- Unit–I** **Communication:** Concept, Basic Model and Types; Varieties of Communication-- Developmental, Corporate, and Political Communication
Media Studies Methods –Content Analysis, Surveys and Ethnographic Method
- Unit–II** **Mass Communication:** Meaning, Features and Functions; Means of Mass Communication; Media Audience; Mass Media effects on Youth and Children
- Unit– III** **Mass Media and Media Criticism:** Culture Industry (Adorno), Popular Culture (Braudrillard) vis-à-vis High/Elite Culture; Globalization of Culture and Media Imperialism
- Unit– IV** **Communication and Development:** Communication Infrastructure in India; Developmental Role of Communication; Innovation and Diffusion; Mass Communication Dysfunctions – Digital Divide; Cultural Hegemony

REFERENCES:

- Adorno, T. : Culture Industry, Routledge, New Delhi; (2001),
- Appadurai, Arjun : Modernity at large: Cultural Dimension of Globalization, New Delhi, Oxford University Press; (1997),
- Blumber, J.G. and E. Katz : Mass Communication: Sage Publications, London, (1974),
- Bronsius, C. and M. Butcher : Image Journey – Audio Visual Media and Cultural Change in India, Sage (1999),(ed.)
- Breckenridge,C. : Public Culture in Contemporary India, Consuming Modernity, Oxford University Press 1996
- Curran, J and M. Gurvitch : Mass Media and Society, (London, Edward Arnold); eds.(1991),:
- Gunaratne, S : Handbook of the Media in Asia, Sage, London); 2000,eds.
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- Johnson, Kirk : Television and Social Change in Rural India, Sage, London; (2000),
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- Klaus Bruhn, J. : A Handbook of Media Research: Qualitative and Quantitative Methodologies, Routledge, N. Delhi; (2005),
- Kumar, Kewal : Mass Communication, Jaico, Bombay; (1991),
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- Mcquail, Dennis : Mass Communication Theory: Sage Publications Ltd, New Delhi; (2005)
- Mitra, A. : Television and Popular Culture: Sage Publications, Delhi; (1993)
- Melkote, Srinivas, R. : Communication for Development in the third and H. Leslie World, Sage Publication, New Delhi; (2004)
- Robertson, R. : Globalization, Social Theory and Global Culture, Sage, London; (1992).
- Schramm, Wilbur : Mass Media and National Development, Harper and Raw, New York; 1973
- Singhal, A. and E.M. Rogers : India's Communication Revolution, Sage Publications, London; 2000
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- Snow, R.P. : Crating Media Culture, Sage Publications, London; (1983).
- Tester, Keith : Media, Culture & Morality, Routledge New York (1994)

Mapping Matrix of Course M-SOCE-035

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

Table 1: Scale of mapping between COs and POs

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

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

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

Table 1 shows the CO-PO mapping matrix for a course (M-SOCE-035) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M-SOCE-035

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M-SOCE-035.1	3	3	3	3	3	3	3	2	2	2	3	-
M-SOCE-035.2	3	3	3	3	3	3	3	2	2	2	3	-
M-SOCE-035.3	3	3	3	3	3	3	3	2	2	2	3	-
M-SOCE-035.4	3	3	3	3	3	3	3	2	2	2	3	-
Average	3	3	3	3	3	3	3	2	2	2	3	-

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

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

Table 3 shows the CO-PSO mapping matrix for a course (M-SOCE-035) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M-SOCE-035

CO	PSO 1	PSO 2	PSO 3	PSO 4
M-SOCE-035.1	3	3	3	3
M-SOCE-035.2	3	3	3	3
M-SOCE-035.3	3	3	3	3
M-SOCE-035.4	3	3	3	3
Average	3	3	3	3

KURUKSHETRA UNIVERSITY, KURUKSHETRA
M.A. (FINAL), 4th SEMESTER, SOCIOLOGY
Syllabus and Courses of Reading (w.e.f.2021-2022)

M-SOCE-036(Elective) PRACTICAL-PRACTICE OF RESEARCHMETHODOLOGY

Credits-4
 Maximum Marks – 100*
 Time- 1hours

Course Outcomes

- M-SOCE-036.1 Students will gain practical knowledge of developing a research problem and preparation of research proposal.
- M-SOCE-036.2 Students will acquire practical skill of using sampling techniques and conducting field work.
- M-SOCE-036.3 Students will get an ability to analyse the data using SPSS and presenting the data into tabular and graphical forms.
- M-SOCE-036.4 Students will learn to apply different statistical test and writing of research report, in addition to it, they will learn to face the viva-voce and defending their thesis.

Note: This practical paper consists of two parts A and B. Part A consists of ten practical topics. The evaluation will be based on practical note book on six topics (ten marks each) out of total ten topics. Part B consists of project report having 20 marks and Viva-voce of 20 marks. The evaluation will be based on project report and performance during Viva-voce.

Part-A 60 marks (List of Practical)

- 1. Formulation of Research Problem
 Sources of Research Problem
 Identification of Variables and their linkage
 Preparation of Synopsis.
- 2. Selection of Universe and Sampling.
- 3. Formulation of Tools of Data Collection
 Questionnaire
 Schedule
 Interview
- 4. Collection of Data (Field Work).
- 5. Data Processing by using the SPSS.
 Coding
 Data Entry
 Frequency Distribution
- 6. Tabulation- Various Types.
- 7. Graphic Presentation:
 Polygon
 Pie-Chart
 Histogram
- 8. Data Interpretation and Analysis.
- 9. Tests of Significance and Testing of Hypothesis.
- 10. Use of Library Sources-On line and Offline.
- 11. Citation & Indexing
- 12. Publication Ethics (UGC)

Part-B 40Marks

- 1. Project Report - 20 marks
- 2. Viva-voce - 20marks

Note: * indicates that there is no internal assessment marks in practical paper.

Mapping Matrix of Course M-SOCE-036

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

Table 1: Scale of mapping between COs and POs

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

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

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

Table 1 shows the CO-PO mapping matrix for a course (M-SOCE-036) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M-SOCE-036

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M-SOCE-036.1	3	3	3	3	3	3	3	3	3	-	3	3
M-SOCE-036.2	3	3	3	3	3	3	3	3	3	-	3	3
M-SOCE-036.3	3	3	3	3	3	3	3	3	3	-	3	3
M-SOCE-036.4	3	3	3	3	3	3	3	3	3	-	3	3
Average	3	3	3	3	3	3	3	3	3	-	3	3

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

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

Table 3 shows the CO-PSO mapping matrix for a course (M-SOCE-036) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M-SOCE-036

CO	PSO 1	PSO 2	PSO 3	PSO 4
M-SOCE-036.1	3	3	3	3
M-SOCE-036.2	3	3	3	3
M-SOCE-036.3	3	3	3	3
M-SOCE-036.4	3	3	3	3
Average	3	3	3	3

KURUKSHETRA UNIVERSITY, KURUKSHETRA
M.A. (FINAL), 2nd SEMESTER, SOCIOLOGY
Syllabus and Courses of Reading (w.e.f.2021-2022)

M-SOC-OESS/09

GENERAL SOCIOLOGY

Credits-2
Maximum Marks – 50
Time – 2Hours

Course Outcomes

1. Students of other disciplines will know about the discipline of sociology and its pioneer.
2. Students will learn about nature, scope and significance of sociology and its relation with other social sciences.
3. Students will be familiarized with the basic sociological concepts.
4. Students will be acquainted with some social processes.

Note: Attempt any four questions out of the eight questions. All questions carry equal marks.

Unit-I Sociology: Emergence of Sociology as a discipline in General, and in India; Pioneers of Sociology- August Comte, Emile Durkheim, Herbert Spencer and Max Weber.

Unit-II Nature, Scope and Significance of Sociology; Sociology and Other Social Sciences

Unit-III Society, Culture, Social Group, Community, Association, Social Structure and Social System; Status and Role;

Unit-IV Social Stratification, Social Mobility, Social Control; Social Change, Socialization; Social Processes: Associative and Dissociative.

Suggested Readings

- | | |
|----------------------------|--|
| Abrahm, F. | History of Sociological Thought, OUP, New Delhi |
| Aron, Raymond | Main Currents in Sociological Thought (Vol. I & II), Penguin; 1965/67 |
| Atal, Yogesh | Indian Sociology: From Where to Where, Rawat Publication, Jaipur, 2003 |
| Bottomore, T.B. | Sociology: A Guide to Problems and Literature, George Allen and Unwin, Delhi; 1972 |
| Davis, Kingsley | Human Society, Surjeet Publication, New Delhi; 1981 |
| Fox, R. | Kinship and Marriage; 1963 |
| Giddens Anthony | Sociology Oxford University Press; 1989. |
| Ginsberg, M. | Sociology, Surjeet Publication, New Delhi; 1979 |
| Haralambos | Sociology: Themes and Perspectives, Bell and Hyman, London; 1985 |
| Inkeles, A | What is Sociology, Prentice hall, New Delhi; 1987 |
| Johnson, H.M. | Sociology: A Systematic Introduction, Allied Publishers, New Delhi; 1995 |
| Kapadia, K.M. | Marriage and Family in India, Oxford University Press, Bombay; 1980 |
| MacIver, R. M. and H. Page | Society –An Introductory Analysis, Macmillan, New Delhi; 1974 |
| Nisbet | The Sociological Tradition, Heinemann Education. Books Ltd. |
| Parsons, T. | The Social System, Amerind Pub Company; 1951 |
| Smelser, J. | Sociology, Prentice Hall, New Delhi |

Mapping Matrix of Course M-SOC- OESS /09

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

Table 1: Scale of mapping between COs and POs

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

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

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

Table 2 shows the CO-PO mapping matrix for a course (M-SOC-OESS /09) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M-SOC- OESS /09

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M-SOC/OESS-09.1	3	3	3	3	-	2	2	2	2	-	2	-
M-SOC/ OESS -09.2	3	3	3	3	-	2	2	2	2	-	2	-
M-SOC/ OESS -09.3	3	3	3	3	-	2	3	2	2	-	2	-
M-SOC/ OESS -09.4	3	3	3	3	-	2	3	2	2	-	2	-
Average	3	3	3	3	-	2	2.5	2	2	-	2	-

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

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

Table 3 shows the CO-PSO mapping matrix for a course (M-SOC- OESS /09) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M-SOC- OESS /09

CO	PSO 1	PSO 2	PSO 3	PSO 4
M-SOC/ OESS -09.1	3	3	3	3
M-SOC/ OESS -09.1	3	3	3	3
M-SOC/ OESS -09.1	3	3	3	3
M-SOC/ OESS -09.1	3	3	3	3
Average	3	3	3	3

KURUKSHETRA UNIVERSITY, KURUKSHETRA
M.A. (FINAL), 3rd SEMESTER, SOCIOLOGY
Syllabus and Courses of Reading (w.e.f.2021-2022)

M-SOC- OEES /19

INDIAN SOCIETY AND CULTURE

Credits-2
Maximum Marks – 50
Time – 2Hours

Course Outcomes

1. Students will be able to understand historical mooring of Indian social structure.
2. Students will be well known to tradition and modernity, unity in diversity of Indian society
3. Students will learn about social institutions of Indian society.
4. Students will get an insight into various social problems and challenges of Indian society.

Note: - Attempt any four questions out of the eight questions. All questions carry equal marks.

Unit-I Indian Society: Historical Moorings of Indian Society, Indian Social Structure

Unit-II Modernity and Tradition, factors Contributing to the Diversity and Unity of Indian Society; Caste and class; Recent Scenario.

Unit-III Social Institutions: Marriage, Family, Kinship, Religion

Unit-IV Social Problems & Challenges: Communalism, Poverty, Violence against women, Child Abuse, Sex Ratio.

Suggested Readings

- | | |
|--------------------|---|
| Ahuja, Ram | Indian Social System, Jaipur; Rawat Publication, 1993 |
| Ahuja, Ram | Social Problem in India, Jaipur; Rawat Publication, 1997 |
| Dube, S.C. | Indian Society, National Book Trust, New Delhi; 1986 |
| Dumont, L. | Homo Hierarchicus: The Caste System and Its Implications, University of Chicago Press, 1981. |
| Ghurye, G.S. | Caste and Class in India, Popular Prakashan, Bombay; 1969 |
| Irawati Karve | Family, Kinship and Marriage in India, New Delhi, OUP |
| Kapadia, K.M | Marriage and Family in India, Oxford University Press, Bombay; 1960 |
| Mandelbaum, D.G. | Society in India, Popular Prakashan, Bombay; 1972 |
| Majumdar & Madan | An Introduction to Social Anthropology, Asia Publication House, Bombay; 1966 |
| Momin, A.R. | The Legacy of G.S. Ghurye: A Centennial festschrift, Popular Prakashan, Bombay; 1996 |
| Patel, Tulsi (Ed.) | <i>Bharat Mein Parivar: Sanrachna evam Vyahvahr</i> , New Delhi; Rawat/Sage Publication; 2011 |
| Prabhu, P.H. | Hindu Social Organization, Popular Parkashan, Bombay; 1963 |
| Sharma, K.L | Essays on Social Stratification, Rawat Publication, Jaipur; 1980 |
| Singh, Yogendra. | Modernization of Indian Tradition, Thomson press, Faridabad; 1973 |
| Singer & Cohn | Structure and Change in Indian Society, Aldine Publishing Co. Chicago; 1968 |
| Srinivas, M.N. | India Social Structure, New Delhi, Hindustan Publishing Corp. 1980 |
| Srinivas & Shah | Hinduism in International Encyclopedia of Social Science, Meerut; 1970 |
| Srinivas, M.N. | Caste in Modern India and other Essays, Asian Publishing House, Bombay; 1966 |

Mapping Matrix of Course M-SOC- OESS /19

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

Table 1: Scale of mapping between COs and POs

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

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

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

Table 2 shows the CO-PO mapping matrix for a course (M-SOC- OESS /19) assuming that there are 12 POs and 4COs.

Table 2: CO-PO Matrix for the Course M-SOC-OESS/19

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
M-SOC/ OESS -19.1	3	3	3	3	-	2	2	2	3	-	2	-
M-SOC/ OESS -19.2	3	3	3	3	-	2	2	2	3	-	2	-
M-SOC/ OESS -19.3	3	3	3	3	-	2	3	2	3	-	2	-
M-SOC/ OESS -19.4	3	3	3	3	-	2	3	2	3	-	2	-
Average	3	3	3	3	-	2	2.5	2	3	-	2	-

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

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

Table 3 shows the CO-PSO mapping matrix for a course (M-SOC- OESS /19) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course M-SOC-GE/19

CO	PSO 1	PSO 2	PSO 3	PSO 4
M-SOC/ OESS -19.1	3	3	2	3
M-SOC/ OESS -19.2	3	3	2	3
M-SOC/ OESS -19.3	3	3	2	3
M-SOC/ OESS -19.4	3	3	2	3
Average	3	3	2	3

Mapping of COs, POs and PSOs (M.A. Sociology)

Course Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
M-SOCC-001	3	3	3	3	2	3	2	2	3	-	2	-	3	3	3	2
M-SOCC-002	3	3	3	3	2	3	-	2	3	-	2	-	3	3	3	2
M-SOCC-003	3	3	2.75	3	3	3	3	2	2.25	-	3	3	3	2.5	3	3
M-SOCE-011	3	3	3	2	-	3	2.75	2	2.5	2.75	2	-	3	3	2.5	3
M-SOCE-012	3	3	3	2	-	2.75	3	2	2.5	-	2	-	3	3	2.5	3
M-SOCE-013	3	2.75	2.75	2.75	2.5	-	2.75	2	2.75	-	2	-	3	3	2.75	3
M-SOCE-014	2.75	2.75	2.5	3	2.25	-	3	2	2.75	2.75	2	-	3	3	2.5	3
M-SOCE-015	3	3	3	3	-	3	-	2	3	2.75	2	-	3	3	2.25	3
M-SOCC-004	3	3	3	3	2	3	-	2	2.75	-	2	-	3	3	3	3
M-SOCC-005	3	3	3	2	2	3	2	2	3	2.25	2	-	3	3	3	3
M-SOCC-006	3	3	3	3	3	3	3	2	3	-	2	-	3	3	3	3
M-SOCE-016	3	3	3	2	-	2	3	2	3	3	2	-	3	3	3	3
M-SOCE-017	3	3	3	2	-	3	3	2	3	-	3	-	3	3	3	3
M-SOCE-018	3	3	3	3	3	3	3	2	3	-	2	-	3	3	3	3
M-SOCE-019	3	3	2.75	2	2	2.75	3	2	2	2.75	2	-	3	3	3	3
M-SOCE-020	3	3	3	3	2.5	3	3	2	2.25	-	2	-	3	3	3	3
M-SOC- OESS 1 To 10	3	3	3	3	-	2	2.5	2	2	-	2	-	3	3	3	3
M-SOCC-007	3	3	3	3	2.75	3	3	2	3	-	2	-	3	3	3	3
M-SOCC-008	3	3	-	3	3	3	3	3	-	-	3	3	3	3	3	3
M-SOCE-021	3	3	3	2	2.5	3	3	2	3	2.75	2	-	3	3	3	3
M-SOCE-022	3	3	3	3	3	3	3	2	3	-	3	2	3	3	3	3
M-SOCE-023	3	3	3	3	2.5	-	2.5	2	3	-	2	-	3	3	3	3
M-SOCE-024	3	3	3	3	3	3	2.5	2	3	2	2	-	3	3	2.5	3
M-SOCE-025	3	3	3	3	2.75	3	3	2	3	-	2	-	3	3	3	3
M-SOCE-026	3	3	3	2	-	3	2.75	2	2.5	-	2	-	3	3	3	3
M-SOCE-027	3	3	3	2	2.5	3	3	2	3	2	2	-	3	3	3	3
M-SOCE-028	3	3	-	3	3	3	3	3	3	-	-	3	3	3	2	3
M-SOC- OESS 11 To 20	3	3	3	3	-	2	2.5	2	3	-	2	-	3	3	2	3
M-SOCC-009	3	3	3	2	-	3	3	2	-	3	2	-	3	3	3	3
M-SOCC-010	3	3	3	3	2	3	3	2	2.5	2	2	-	3	3	3	3
M-SOCE-029	3	3	3	3	2.5	3	3	2	3	-	2	-	3	3	3	3
M-SOCE-030	3	3	3	3	-	3	3	2	3	2.5	2	-	3	3	3	3
M-SOCE-031	3	3	3	3	2	3	3	2	3	2.5	2	-	3	3	3	3
M-SOCE-032	3	3	3	3	-	3	3	2	3	3	2	-	3	3	3	3
M-SOCE-033	3	3	2	3	-	3	3	2	2	-	2	-	3	3	2	3
M-SOCE-034	3	3	3	3	-	2	-	2.25	2	-	2	-	3	3	3	3
M-SOCE-035	3	3	3	3	3	3	3	2	2	2	3	-	3	3	3	3
M-SOCE-036	3	3	3	3	3	3	3	3	3	-	3	3	3	3	3	3

Note: - *Course Code of Generic Elective Paper will be decided after opting the same by the student

Attainment of COs:

The attainment of COs can be measured on the basis of the results of internal assessment and semester examination. The attainment is measured on scale of 3 after setting the target for COs attainment. **Following table** shows the CO attainment levels assuming the set target of 60% marks:

CO Attainment Levels for internal assessment

Attainment Level	
1 (low level of attainment)	60% of students score more than 60% of marks in class tests of a course.
2 (Medium level of attainment)	70% of students score more than 60% of marks in class tests of a course.
3 (High level of attainment)	80% of students score more than 60% of marks in class tests of a course.

***Note:** In the above table, the set target is assumed as 60%. It may vary in different departments/institutes. The staff councils of the Departments/institutes may finalize the set target.*

A proper mapping of course outcomes with assessment methods should be defined before measuring the attainment level. The questions in tests for internal assessment are based on COs. Here it is assumed that class test-I is based on first two COs (**i.e. M-SOC-101.1 and M-SOC -101.2**) of a course with equal weightage given to both COs. Similarly, class test-II is based on next two COs (i.e. **B- M-SOC-101.3 and M-SOC -101.4**) of a course with equal weightage given to these two COs. For each internal assessment test, the percentage of students attaining the target level of CO is estimated and average

percentage will decide the attainment level of COs. Following steps may be followed for determining the attainment level in internal assessment of a course.

- (i) Estimate the %age of students scoring set target (say 60%) or more in the question(s) of test -I based on first CO i.e. **M-SOC -101.1.**
- (ii) Estimate the %age of students scoring set target (60%) or more in the question(s) of test-I based on second CO i.e. **M-SOC -101.2.**
- (iii) Estimate the %age of students scoring set target (60%) or more in the question(s) of test-II based on third CO i.e. **M-SOC -101.3.**
- (iv) Estimate the %age of students scoring set target (60%) or more in the question(s) of test-II based on the fourth CO i.e. **M-SOC -101.4.**
- (v) Take average of the percentages obtained above.
- (vi) Determine the attainment level i.e. 3, 2 or 1 as per scale defined in **the above table.**

***Note:** In the above steps, it is assumed that internal assessment is based on two tests only. However, if internal assessment is based on more than two tests and/or on assignments then same may be incorporated to determine the COs attainment level. There may be more than four COs for a course. The set target may also be different for different COs. These issues may be resolved by the staff councils of the departments/institutes.*

For determining the attainment levels for end semester examination, it is assumed that questions in the end term examination are based on all COs of the course. Attainment levels for end semester examination of a course can be determined after the declaration of the results. The CO attainment levels for end semester examination are given **in the following Table.**

CO Attainment Levels for End Semester Examination (ESE)

Attainment Level	
1 (Low level of attainment)	60% of students obtained letter grade of A or above (for CBCS programs) or score more than 60% of marks (for non-CBCS programs) in ESE of a course.
2 (Medium level of attainment)	70% of students obtained letter grade of A or above (for CBCS programs) or score more than 60% of marks (for non-CBCS programs) in ESE of a course.
3 (High level of attainment)	80% of students obtained letter grade of A or above (for CBCS programs) or score more than 60% of marks (for non-CBCS programs) in ESE of a course.

***Note:** In the above table, the set target is assumed as grade A for CBCS courses and 60% for non-CBCS Courses. It may vary in different departments/institutes. The staff councils of the departments/institutes may finalize the set target.*

Overall CO Attainment level of a Course:

The overall CO attainment level of a course can be obtained as:

Overall CO attainment level = 50% of CO attainment level in internal assessment + 50% of CO attainment level in end semester examination.

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

Attainment of POs:

The overall attainment level of POs is based on the values obtained using direct and indirect methods in the ratio of 80:20. The direct attainment of POs is obtained through the attainment of COs. The overall CO attainment value as estimated above and CO-PO mapping value as shown in **Table 3** are used to compute the attainment of POs. PO attainment values obtained using direct method can be written as shown **in the following Table.**

PO Attainment Values using Direct Method

Course Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
M-SOCC-001												
M-SOCC-002												
M-SOCC-003												
M-SOCE-011												
M-SOCE-012												
M-SOCE-013												
M-SOCE-014												
M-SOCE-015												
M-SOCC-004												
M-SOCC-005												
M-SOCC-006												
M-SOCE-016												
M-SOCE-017												
M-SOCE-018												
M-SOCE-019												
M-SOCE-020												
M-SOC- OESS 1 To 10												
M-SOCC-007												
M-SOCC-008												
M-SOCE-021												
M-SOCE-022												
M-SOCE-023												
M-SOCE-024												
M-SOCE-025												
M-SOCE-026												
M-SOCE-027												
M-SOCE-028												
M-SOC-OESS 11 To 20												
M-SOCC-009												
M-SOCC-010												
M-SOCE-029												
M-SOCE-030												
M-SOCE-031												
M-SOCE-032												
M-SOCE-033												
M-SOCE-034												
M-SOCE-035												
M-SOCE-036												
Direct PO Attainment	Average of above values	Average of above values	Average of above values								Average of above values	

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

For M-SOC -101-PO1 Cell:

PO1 attainment value = (Mapping factor of **M-SOC -101**-PO1 from **Table 3** × Overall CO attainment value for the course **M-SOC -101**)/3

For M-SOC -201-PO1 Cell:

PO1 attainment value = (Mapping factor of **M-SOC -201**-PO1 from **Table 3** × Overall CO attainment value for the course **M-SOC -201**)/3

Similarly, values for each cell **of the above table** can be obtained. The direct attainment of POs is average of individual PO attainment values.

In order to obtain the PO attainment using indirect method, a student exit survey based on the questionnaire of POs may be conducted at end of last semester of the program. The format for the same is given **in the following table**. Average of the responses from the outgoing students for each PO is estimated. The overall PO attainment values are obtained by adding attainment values estimated using direct and indirect methods in the proportion of 80:20 as follows:

Overall attainment value for PO1 =

0.8 × average attainment value for PO1 using direct method (**from above table**) +

0.2 × average response of outgoing students for PO1

Similarly, overall attainment value can be obtained for each PO.

Questionnaire for indirect measurement of PO attainment (For outgoing students)

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

	Please tick any one		
Statement of PO1	3	2	1
Statement of PO2	3	2	1
Statement of PO3	3	2	1
Statement of PO4	3	2	1
Statement of PO5	3	2	1
Statement of PO6	3	2	1
Statement of PO7	3	2	1
Statement of PO8	3	2	1
Statement of PO9	3	2	1
Statement of PO10	3	2	1
Statement of PO11	3	2	1
Statement of PO12	3	2	1
3: Strongly Agree; 2: Agree; 1: Average			

Overall PO attainment values can be written as shown in the following Table.

Overall PO attainment Values

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
Direct PO attainment												
Indirect PO attainment												
Overall PO attainment												
Target	2	2	2	2	2	1.5	2	2	2	2	1.5	1.5

The overall PO attainment values obtained above are compared with set target. The set target for each PO may be different and can be finalized by the staff councils of the departments/institutes. If overall PO attainment value is less than the set target value then an action plan may be prepared for improvement in the subsequent academic session.

The overall PSO attainment level based on CO-PSO mapping values and overall CO attainment values can be obtained in a similar manner.

DEPARTMENT OF SOCIOLOGY
KURUKSHETRA UNIVERSITY, KURUKSHETRA
(Established by the state Legislature Act –XII of 1956)
Scheme of Examination & Syllabus of Sociology B.A. (General)
(Choice Based Credit System)
Scheme of Examination (w.e.f. 2020-2021)

Total Credits= 86

Minimum Credits required for UG Degree=50

Maximum Marks: - 150 Marks

Time: -3Hrs.

Theory: - 120 Marks

Internal Assessment: - 30 Marks (Division of Marks as given below)

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

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

Attendance : 25%

Marks of attendance will be given as under:

(1) 91% onwards: 5Marks (2) 81% to 90% :4Marks (3) 75% to 80%: 3Marks

(4) 70% to 74% :2*Marks (5) 65% to 69%: 1*Marks

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

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

PROGRAMME OUTCOMES (POs):-

PO 1: Demonstrate a detailed knowledge and understanding of selected fields of study in core disciplines in the humanities, social sciences and languages;

PO 2: Apply critical and analytical skills and methods to the identification and resolution of problems within complex changing social contexts.

PO 3: Demonstrate a general understanding of the concepts and principles of selected areas of study outside core disciplines of the humanities, social sciences and languages;

PO 4: Apply an independent approach to knowledge that uses rigorous methods of inquiry and appropriate theories;

PO 5: Articulate the relationship between diverse forms of knowledge and the social, historical and cultural contexts that produced them;

PO 6: Communicate effectively and show ability to read, write, listen to and speak in a chosen language/s with fluency;

PO 7: Act as informed and critically discerning participants within the community of scholars, as citizens and in the work force;

PO 8: Work with independence, self-reflection and creativity to meet goals and challenges in the workplace and personal life.

PROGRAMME SPECIFIC OUTCOMES (PSOs):-

POS 1: The student would be able to understand the basic concepts, growth and significance of the discipline.

PSO 2: The program would provide the critical reasoning and analysis of key issues alongwith different concepts of sociology.

POS 3: The student would be able to apply the theoretical interpretations to society as well as they will acquire skill to identify social issues through scientific enquiry.

PSO 4: The students would be able to understand society, human behaviour and various social problems in the light of sociological perspectives.

The Course of Sociology in B.A. has been divided into Six Semesters spread over three years. Every student has to pass in **50 Credits (24 Core Courses + 2 Credits of Skill Enhancement Course + 12 Credits of Discipline Specific Elective and 6 Credits in V Semester & 6 Credits in VI Semester from Other Department i.e. Generic Elective Paper)** as necessary to complete the course under CBCS Scheme out of 86 credits. However, the

choice of Discipline Specific Elective Credits is subjected to the availability of teaching faculty in the Institution. The paper scheme detail semester-wise is as follow:

Scheme of Examination & Syllabus for the Course of B.A. (General), Sociology, Semester System under CBCS/LOCF to be introduced at IHS w.e.f. 2020-2021 in phased manner.

Sem	Course	Paper	Nomenclature Of Paper	Credits	Time contact Hrs Theory + Tutorial	Internal Marks	External Marks	Total Marks	Time of Paper
I	CC Sociology	B-SOC/101	Introduction to Sociology	6	5+1	30	120	150	3Hrs
II	CC Sociology	B-SOC/201	Foundation of Sociological Thought	6	5+1	30	120	150	3Hrs
III	CC Sociology	B-SOC/301	Indian Society	6	5+1	30	120	150	3Hrs
	SEC Sociology	B-SOC/SI	Gender Sensitization	2	2	10	40	50	3Hrs
IV	CC Sociology	B-SOC/401	Research Methodology	6	5+1	30	120	150	3Hrs
V	DSE-A Sociology	B-SOC/501	Rural Society	6	5+1	30	120	150	3Hrs
		OR							
		B-SOC/502	Marriage, Family and Kinship	6	5+1	30	120	150	3Hrs
		OR							
		B-SOC/503	* Practice of Research Process and Field Work	6	6 Hrs/Group	-	150	150	3Hrs
		OR							
		B-SOC/504	**MOOC Courses from Swayam Portal	6	-	-	-	-	3Hrs
VI	DSE-B Sociology	GE-1	B-SOC/GE-1/101	6	5+1	30	120	150	3Hrs
		B-SOC/601	Population and Society	6	5+1	30	120	150	3Hrs
		OR							
		B-SOC/602	Social Problems in India	6	5+1	30	120	150	3Hrs
		OR							
		B-SOC/603	Media, Communication And Society	6	5+1	30	120	150	3Hrs
		OR							
	GE-2	B-SOC/604	Social Change and Social Movements in India	6	5+1	30	120	150	3Hrs
		B-SOC/GE-2/301	Indian Society	6	5+1	30	120	150	3Hrs
				86	62+12***	370	1630	2000	

Abbreviations: CC: Core Courses, DSE: Discipline Specific Elective, SEC: Skill Enhancement Course, GE: Generic Elective

*The Paper **B-SOC/503** in Semester V will have practical components. There will be maximum 3 Groups of Practical in a One Unit of Class following the norms of University; therefore, total workload will be 18 Hrs/week of all the groups. There is no internal assessment marks in practical paper. The Viva-Voce of Project Report will be conducted by External Expert. Name of External Expert will be decided in UGBOS.

** MOOC Courses from Swayam Portal can opted only when University approves the same from time to time.

*** Contact Hours of Paper **B-SOC/503 & B-SOC/504** is separate as already mentioned in * & **

Semester I
Core Course (CC)
Code: B-SOC/101

Introduction to Sociology

Maximum Marks–150
Theory–120
Internal Assessment –30
Time–3 hours
L:T:FW
Credit- 5:1:0=6

Course Outcomes (COs):-

- B-SOC/101.1 Students will be able to understand the nature, scope & development of sociology; relationship with other Social Sciences.
- B-SOC/101.2 Students will learn about the basic concepts of Sociology
- B-SOC/101.3 Students will acquire conceptual clarification regarding culture, socialisation & social control.
- B-SOC/101.4 Students will gain knowledge about the process of social change and allied concepts.

Note: - The Paper setter shall set 8 questions, 25 Marks each from all four units of the syllabus giving internal choice. However, one compulsory question in addition is to be set under fifth unit based on entire syllabus. This compulsory question would comprise four questions, 5 marks each. Such way, the examinees have to attempt five questions in all.

Unit -I

Introduction to Sociology: Meaning, Nature and Scope; Development of Sociology, Relationship of Sociology with History, Psychology and Economics.

Unit- II

Basic concepts: Society, Community, Institution, Association, Groups: Primary and Secondary; Reference Group, Social Structure, Status and Role.

Unit-III

Socialisation and Social Control: Culture and its types, Socialisation – Stages and Agencies; Social Control: Forms and Agencies.

Unit-IV

Social Change: Meaning and Types of Change, Factors of Social Change; Forms of Social Change: Evolution, Progress, Development, Revolution; Barriers to Social Change

Reference:

- Bottomore, T.B. (1972), *Sociology: A Guide to Problems and literature*. Bombay: George Allen and Unwin (India).
- Harlambos, M. (1998), *Sociology: Themes and Perspectives*. New Delhi: Oxford University Press.
- Jayaram, N. (1988), *Introductory Sociology*. Madras: Macmillan India.
- Johnson, Harry M. (1995), *Sociology: A Systematic Introduction*. New Delhi: Allied Publishers.
- Kingsley, Davis. (1981), *Human Society*, New Delhi: Surjeet Publications.
- Gisbert. P. (2016), *Fundamentals of Sociology*, New Delhi, Orient Black Swan,
- Nagla, Bhupender Kumar & Sheobahal Singh (2019), *Introducing Sociology*, Jaipur, Rawat Publication
- Yadav, Ram Ganesh (2014), *Samajshastra Parichay*, New Delhi, Oriental Black Swan
- Sachdeva, Bhushan (2012), *Fundamentals of Sociology*, Delhi: Pearson.
- Sachdeva, Bhushan (2012), *Samajshastra*, Delhi: Pearson.

Mapping Matrix of Course B-SOC/101

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

Table 1: Scale of mapping between COs and Pos

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

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

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

Table 2 shows the CO-PO mapping matrix for a course (B-SOC/101) assuming that there are 08 POs and 4COs.

Table 2: CO-PO Matrix for the Course B-SOC/101

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
B-SOC/101.1	3	3	2	3	3	3	2	3
B-SOC/101.2	3	3	2	3	3	3	2	3
B-SOC/101.3	3	3	2	3	3	3	2	3
B-SOC/101.4	3	3	2	3	3	3	2	3
Average	3	3	2	3	3	3	2	3

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

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

Table 3 shows the CO-PSO mapping matrix for a course (B-SOC/101) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course B-SOC/101

CO	PSO 1	PSO 2	PSO 3	PSO 4
B-SOC/101.1	3	3	3	3
B-SOC/101.2	3	3	3	3
B-SOC/101.3	3	3	3	3
B-SOC/101.4	3	3	3	3
Average	3	3	3	3

Semester II
Core Course (CC)
Code: B-SOC/201
Foundation of Sociological Thought

Maximum Marks–150
Theory–120
Internal Assessment –30
Time–3 hours
L:T:FW
Credit- 5:1:0=6

Course Outcomes (COs):-

- B-SOC/201.1 The students would learn about various aspects and role of positivism in sociology as a discipline.
B-SOC/201.2 The students would learn about the functionalist perspective in sociology in the opinion of its pioneers.
B-SOC/201.3 It will help the students to understand conflict perspective to study social phenomenon.
B-SOC/201.4 Students will acquire insight into interpretative understanding of society.

Note: - The Paper setter shall set 8 questions, 25 Marks each from all four units of the syllabus giving internal choice. However, one compulsory question in addition is to be set under fifth unit based on entire syllabus. This compulsory question would comprise four questions, 5 marks each. Such way, the examinees have to attempt five questions in all.

Unit-I

Positivism: Comte's Law of Three Stages; Durkheim: Social Fact; Karl Popper: Post-Positivism

Unit-II

Functionalism: Radcliffe Brown's Structural Functional Approach; Merton's Social Structure; Parson's Social System

Unit-III

Conflict: Marx's Class Conflict; Coser's Approach of Social Conflict; Dahrendorf's Class and Class Conflict in Industrial Society

Unit-IV

Interactionism: Weber's theory of Social Action; Herbert Blumer's Rational Interpretation; Erving Goffman: Dramaturgy

References:

- Aron, Raymond (1967), *Main Currents in Sociological Thought*, London: Weidenfield and Nicholson, Vol. I and Vol. II.
Doshi, S.L and P.C. Jain (2001), *Parmukh Smajshastriya Vicharak: Kamte se Mertontak*, Jaipur, Rawat Publication
Hussain, Mujatba (2010), *Samajshastriya Vichar*, New Delhi, Oriental Blackswan
Jayapalan, N. (2001), *Sociological Theory*, New Delhi: Atlantic Publishers.
Judge, Paramjit Singh (2012), *Foundations of Classical Sociological Theory: Functionalism, Conflict and Action*, Delhi: Pearson.
Kundu, Abhijit (2010), *Sociological Theory*, New Delhi: Orient Black-swan.

Mapping Matrix of Course B-SOC/201

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

Table 1: Scale of mapping between COs and POs

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

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

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

Table 2 shows the CO-PO mapping matrix for a course (B-SOC/201) assuming that there are 08 POs and 4COs.

Table 2: CO-PO Matrix for the Course B-SOC/201

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
B-SOC/201.1	3	3	2	3	3	3	2	3
B-SOC/201.2	3	3	2	3	3	3	2	3
B-SOC/201.3	3	3	2	3	3	3	2	3
B-SOC/201.4	3	3	2	3	3	3	2	3
Average	3	3	2	3	3	3	2	3

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

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

Table 3 shows the CO-PSO mapping matrix for a course (B-SOC/201) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course B-SOC/201

CO	PSO 1	PSO 2	PSO 3	PSO 4
B-SOC/201.1	3	3	3	3
B-SOC/201.2	3	3	3	3
B-SOC/201.3	3	3	3	3
B-SOC/201.4	3	3	3	3
Average	3	3	3	3

Semester III
Core Course (CC)
Code: B-SOC/301
Indian Society

Maximum Marks–150
Theory–120
Internal Assessment –30
Time–3 hours
L:T:FW
Credit- 5:1:0=6

Course Outcomes (COs):-

- B-SOC/301.1 The Students would be familiarized with various socio-cultural dimensions of Indian society.
B-SOC/301.2 It would enhance knowledge of the students about the structural inequalities in Indian society.
B-SOC/301.3 The students will be acquainted with important familial issues.
B-SOC/301.4 It would help students to have understanding of contemporary social issues as well as their remedial measures.

Note: - The Paper setter shall set 8 questions, 25 Marks each from all four units of the syllabus giving internal choice. However, one compulsory question in addition is to be set under fifth unit based on entire syllabus. This compulsory question would comprise four questions, 5 marks each. Such way, the examinees have to attempt five questions in all.

UNIT – I

Dimensions of Indian Society: Evolution of Indian Society: Socio- Cultural Dimensions; Unity and Diversity in Indian Society; Multi-Ethnic; Multi-Religious; Cultural and Lingual

UNIT – II

Structural Issues: Inequality of Caste, Class and Gender; Backward Castes, Weaker Sections and Dalits.

UNIT – III

Familial Issues: Family Violence, Dowry, Divorce, Problems of the Aged.

UNIT – IV

Contemporary Issues: Poverty: Indicators, Causes & Alleviation Programmes, Unemployment, Development and Displacement

References:

- Beteille, Andre (1974), *Social Inequality*, New Delhi: OUP
Dube, S.C. (1991), *Indian Society*, New Delhi: National Book Trust.
Desai Neera & Mathayee Krishnaraj (1997), *Women and Society in India*, Ajanta Bombay
Desai, Neera and Usha Thakkar (2001), *Women in Indian Society*, National Book Trust, India
Ahuja, Ram (1997), *Society in India: Concept, Theories and Recent Trends*, Jaipur: Rawat Publication.
Sharma K.L. (ed.) (1994), *Caste and Class*, Jaipur, Rawat Publication
Sharma, K.L (2011), *Indian Social Structure and Change*, Rawat Publications
Sharma, G.L (2015), *Samajik Mudde*, Rawat Publication

Mapping Matrix of Course B-SOC/301

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

Table 1: Scale of mapping between COs and Pos

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

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

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

Table 2 shows the CO-PO mapping matrix for a course (B-SOC/301) assuming that there are 08 POs and 4COs.

Table 2: CO-PO Matrix for the Course B-SOC/301

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
B-SOC/301.1	3	3	2	3	3	3	2	3
B-SOC/301.2	3	3	2	3	3	3	2	3
B-SOC/301.3	3	3	2	3	3	3	2	3
B-SOC/301.4	3	3	2	3	3	3	2	3
Average	3	3	2	3	3	3	2	3

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

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

Table 3 shows the CO-PSO mapping matrix for a course (B-SOC/301) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course B-SOC/301

CO	PSO 1	PSO 2	PSO 3	PSO 4
B-SOC/301.1	3	3	3	3
B-SOC/301.2	3	3	3	3
B-SOC/301.3	3	3	3	3
B-SOC/301.4	3	3	3	3
Average	3	3	3	3

Semester III
Skill Enhancement Course (SEC)
Code: B-SOC-SEC/S1
Gender Sensitization

Maximum Marks– 50
Theory–40
Internal Assessment – 10
Time–3 hours
L:T:FW
Credit- 2:0:0=2

Course Outcomes (COs):-

B-SOC-SEC S1.1	It would help the students to understand the basic concepts of gender sensitization.
B-SOC- SEC S1.2	It would enable students to understand the conceptual aspects of patriarchy and construction of gender.
B-SOC- SEC S1.3	Students will get an insight about legislative aspects of women's rights and laws.
B-SOC- SEC S1.4	It would impart understanding about positive and negative aspects of media in the context of gender.

Note: - The Paper setter shall set 8 questions, 10 Marks each from all four units of the syllabus giving internal choice. The examinees have to attempt four questions in all.

Unit-1

Understanding Concepts: Sex and Gender; Masculinity and Femininity; Patriarchy and Matriarchy.

Unit-II

Construction Gender: Patriarchy as Ideology and Practice; Biology vs. Gender; Public vs. Private; Role of family in the formation of gender identity.

Unit-III

Women's Rights and Law: Dowry Prohibition Act; Divorce Act; Domestic Violence Act; Rape; Property Right Act.

Unit-IV

Women and Media: Projection of women through media- Positive and Negative aspects; Impact of Media on Women; Commodification of Women.

References:

Desai, Neera and M. Krishnaraj (1987), *Women and Society in India*. Delhi: Ajanta.

Geetha, V. (2002), *Gender*. Calcutta: Stree

Menon, Nivedita (ed.) (2001), *Gender and Politics in India*. Oxford University Press: New Delhi.

Sharma, Ursula. (1983), *Women, Work and Property in North-West India*. London: Tavistock

Oakley, Ann. (1972), *Sex, Gender and Society*. New York: Harper and Row.

Sharma, G.L (2015), *Samajik Mudde*, New Delhi, Rawat Publications.

Arya Sahnna, Menon, N. & Other (2001), *Neriwadi Rajnity: Sangharh Evam Mudde, Hindi Madhyam Karyanvya Nideshalya*: Delhi University.

Mapping Matrix of Course B-SOC-SEC/S1

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

Table 1: Scale of mapping between COs and POs

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

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

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

Table 2 shows the CO-PO mapping matrix for a course (B-SOC-SEC/S1) assuming that there are 08 POs and 4COs.

Table 2: CO-PO Matrix for the Course B-SOC-SEC/S1

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
B-SOC-SEC/S1 101.1	3	3	3	3	3	3	2	3
B-SOC-SEC/S1 101.2	3	3	3	3	3	3	2	3
B-SOC-SEC/S1 101.3	3	3	3	3	3	3	2	3
B-SOC-SEC/S1 101.4	3	3	3	3	3	3	2	3
Average	3	3	3	3	3	3	2	3

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

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

Table 3 shows the CO-PSO mapping matrix for a course (B-SOC-SEC/S1) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course B-SOC-SEC/S1

CO	PSO 1	PSO 2	PSO 3	PSO 4
B-SOC-SEC/S1 101.1	3	3	3	3
B-SOC-SEC/S1 101.2	3	3	3	3
B-SOC-SEC/S1 101.3	3	3	3	3
B-SOC-SEC/S1 101.4	3	3	3	3
Average	3	3	3	3

Semester IV
Core Course (CC)
Code: B-SOC/401
Research Methodology

Maximum Marks–150
Theory–120
Internal Assessment –30
Time–3 hours
L:T:FW
Credit- 5:1:0=6

Course Outcomes (COs):-

- B-SOC/401.1 Students would know about the basic understanding of social research and scientific methods.
B-SOC/401.2 Students would be able to explain various methods and techniques of data collection & measure of central tendency.
B-SOC/401.3 Students would be able to understand qualitative and quantitative methods of data collections..
B-SOC/401.4 Students would acquire a skill in data analysis process in details.

Note: - The Paper setter shall set 8 questions, 25 Marks each from all four units of the syllabus giving internal choice. However, one compulsory question in addition is to be set under fifth unit based on entire syllabus. This compulsory question would comprise four questions, 5 marks each. Such way, the examinees have to attempt five questions in all.

UNIT –I

Social Research: Meaning, Steps & Types; Fact & Theory; Concept & Variable; Scientific Method; Social Survey.

UNIT – II

Sources of Data: Primary, Secondary; Sampling: Types & Significance.

Measures of Central Tendency: Mean, Mode, Median.

UNIT- III

Qualitative Methods: Content Analysis, Narrative Analysis, Ethnography and Observation.

Quantitative Methods: Interview, Questionnaire and Schedule

UNIT – IV

Data Analysis: Editing, Coding, Classification and Tabulation.

Graphic Presentation: Bar Diagram; Histogram; Pie Chart; Polygon.

References:

Ahuja, Ram (2001), *Research Methods*, New Delhi: Rawat Publication.

Ahuja, Ram (2003), *Samajik Servekshanavm Anusandhan*, Jaipur, Rawat Publication

Goode, W.J. and P.K. Hatt (1952), *Methods in Social Research*, New York: McGraw International.

Srivastava, Prakash G.N. (1994), *Advances Research Methodology*, Delhi: Radha Publication.

Thakur, Devender (2003), *Research Methodology in Social Science*, Delhi: Deep and Deep Publication.

Young, P.V. (1988), *Scientific Social Survey and Research*, New Delhi Prentice Hall.

Kumar, Ranjit (2006), *Research Methodology*, Australia: Pearson Education

Mahajan, Dharamveer aur Kamlesh Mahajan (2019) *Samajik Anusandhanka Pranhali Vigyan*, Delhi: Vivek Publication.

Mapping Matrix of Course B-SOC/401

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

Table 1: Scale of mapping between COs and POs

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

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

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

Table 2 shows the CO-PO mapping matrix for a course (B-SOC/401) assuming that there are 08 POs and 4COs.

Table 2: CO-PO Matrix for the Course B-SOC/401

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
B-SOC/401.1	3	3	2	3	2	3	2	3
B-SOC/401.2	3	3	2	3	2	3	2	3
B-SOC/401.3	3	3	2	3	2	3	2	3
B-SOC/401.4	3	3	2	3	2	3	2	3
Average	3	3	2	3	2	3	2	3

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

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

Table 3 shows the CO-PSO mapping matrix for a course (B-SOC/401) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course B-SOC/401

CO	PSO 1	PSO 2	PSO 3	PSO 4
B-SOC/401.1	3	2	3	3
B-SOC/401.2	3	2	3	3
B-SOC/401.3	3	2	3	3
B-SOC/401.4	3	2	3	3
Average	3	2	3	3

Semester V
Discipline Specific Elective (DSE-A)
Code: B-SOC/501
Rural Society

Maximum Marks–150
Theory–120
Internal Assessment –30
Time–3 hours
L:T:FW
Credit- 5:1:0=6

Course Outcomes (COs):-

- B-SOC/501.1 Students would be able to understand the introductory concepts about the rural society.
B-SOC/501.2 Students would be acquainted with rural social structure.
B-SOC/501.3 It will provide an understanding of rural economy and trends of change in rural society.
B-SOC/501.4 Students will understand rural political structure & status of women in rural Haryana.

Note: - The Paper setter shall set 8 questions, 25 Marks each from all four units of the syllabus giving internal choice. However, one compulsory question in addition is to be set under fifth unit based on entire syllabus. This compulsory question would comprise four questions, 5 marks each. Such way, the examinees have to attempt five questions in all.

UNIT- I

Introduction to Rural Society: Importance of the study of rural society; Village Community, Rural Family, Rural-Urban Differences.

UNIT- II

Rural Social Structure: Caste and Class in Rural Society; Inter-Caste Relations; Jajmani System and its changing pattern, Agrarian Class Structure.

UNIT- III

Agrarian Economy: Green Revolution and its Impact; Migrant Labour; Agrarian crisis in Haryana; Role of Women in Rural Economy.

UNIT- IV

Rural Political Structure: Khap Panchayat in Haryana; Panchayati Raj Institutions; Status of Women in Rural Haryana.

References:

- Beteille, A. (1974), *Studies in Agrarian Social Structure*, Delhi: Oxford University Press.
Desai, A.R. (1969), *Rural Sociology in India*, Bombay: Popular Prakashan.
Desai, A.R. (2012), *Bhartiya Gramin Samajshastra*, Jaipur, Rawat Publication
Dube, S.C.(1955), *Indian Village*, London: Routledge and Kegan Paul.
Doshi, S.L. and P.C. Jain (1999), *Rural Sociology*, Jaipur: Rawat Publication.
Jodhka, S.S. (1995), *Debt, Dependence and Agrarian Change*, Jaipur: Rawat Publication.
Sharma, K.L. (1997), *Rural Society in India*, Jaipur: Rawat Publication.
Yadav, Ram. Ganesh (2014), *Gramin-Nagriya Samajshastra*, New Delhi, Oriental Black Swan.

Mapping Matrix of Course B-SOC/501

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

Table 1: Scale of mapping between COs and POs

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

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

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

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

Table 2 shows the CO-PO mapping matrix for a course (B-SOC/501) assuming that there are 08 POs and 4COs.

Table 2: CO-PO Matrix for the Course B-SOC/501

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
B-SOC/501.1	3	3	3	3	3	3	2	3
B-SOC/501.2	3	3	3	3	3	3	2	3
B-SOC/501.3	3	3	3	3	3	3	2	3
B-SOC/501.4	3	3	3	3	3	3	2	3
Average	3	3	3	3	3	3	2	3

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

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

Table 3 shows the CO-PSO mapping matrix for a course (B-SOC/501) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course B-SOC/501

CO	PSO 1	PSO 2	PSO 3	PSO 4
B-SOC/501.1	3	3	3	3
B-SOC/501.2	3	3	3	3
B-SOC/501.3	3	3	3	3
B-SOC/501.4	3	3	3	3
Average	3	3	3	3

Semester V
Discipline Specific Elective (DSE-A)
Code: B-SOC/502
Marriage, Family and Kinship

Maximum Marks–150
Theory–120
Internal Assessment –30
Time–3 hours
L:T:FW
Credit- 5:1:0=6

Course Outcomes (COs):-

- B-SOC/502.1 The students will learn about the basic concepts related to kinship, marriage and family.
B-SOC/502.2 The students would learn about the marriage system.
B-SOC/502.3 The students would learn about the institution of family and its changing dimensions.
B-SOC/502.4 The students would learn about kinship as an organization especially in Indian contexts.

Note: - The Paper setter shall set 8 questions, 25 Marks each from all four units of the syllabus giving internal choice. However, one compulsory question in addition is to be set under fifth unit based on entire syllabus. This compulsory question would comprise four questions, 5 marks each. Such way, the examinees have to attempt five questions in all.

UNIT 1

Understanding basic Concepts: Clan, Descent, Lineage, Spinda, Phratry, Moitey, Kindred; Dowry; Bride Price; Inheritance.

UNIT II

Marriage: Meaning, Functions, Rules of Marriage and Mate Selection, Endogamy, Exogamy; Forms of Marriage: Customary and Contemporary.

Unit III

Family: Meaning and its Functions; Family and Households; Family Types and Changing Dimensions of the Family.

Unit IV

Kinship: Meaning, its types and Kinship Usage; Kinship Organization in India: North, South, Central and Eastern.

References:

- Ahuja Ram (1993), *Indian Social System*, Jaipur, Rawat Publication
Ahuja Ram (2003), *Society in India*, Jaipur, Rawat Publication
Benokraitis, (2015), *Marriage and Families: Changes, Choices and Constraints*, New Delhi: Pearsons.
Dube, Leela (1974), *Sociology of Kinship: An Analytical Survey and Literature*, Bombay: Popular Prakashan.
Goode, William J. (1964), *The Family*, Englewood Cliffs: Prentice Hall.
Jain, Shobita (2002), *Bharat Me Parivar, Vivah or Natedari (in Hindi)*, New Delhi: Rawat Publications.
Kapadia, K.M. (1958), *Marriage and Family in India*, Bombay: Oxford University Press.
Karve, Irawati (1968), *Kinship Organization in India*, Bombay: Asia Publishing House

Mapping Matrix of Course B-SOC/502

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

Table 1: Scale of mapping between COs and POs

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

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

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

Table 2 shows the CO-PO mapping matrix for a course (B-SOC/502) assuming that there are 08 POs and 4COs.

Table 2: CO-PO Matrix for the Course B-SOC/502

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
B-SOC/502.1	3	3	3	3	3	3	2	3
B-SOC/502.2	3	3	3	3	3	3	2	3
B-SOC/502.3	3	3	3	3	3	3	2	3
B-SOC/502.4	3	3	3	3	3	3	2	3
Average	3	3	3	3	3	3	2	3

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

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

Table 3 shows the CO-PSO mapping matrix for a course (B-SOC/502) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course B-SOC/502

CO	PSO 1	PSO 2	PSO 3	PSO 4
B-SOC/502.1	3	3	3	3
B-SOC/502.2	3	3	3	3
B-SOC/502.3	3	3	3	3
B-SOC/502.4	3	3	3	3
Average	3	3	3	3

Semester V
Discipline Specific Elective (DSE-A)
Course Code: B-SOC/503
PRACTICAL-PRACTICE OF RESEARCH PROCESS AND FIELD WORK

Maximum Marks–150*
Time- 3 hours
Field Work/Practical
Credit- 6
6 Hours/Group/Week

Course Outcomes (COs):-

- B-SOC/503.1 Students will gain practical knowledge of developing a research problem and preparation of research proposal.
- B-SOC/503.2 Students will acquire practical skill of using sampling techniques and conducting field work.
- B-SOC/503.3 Students will get an ability to analyse the data and presenting the data into tabular and graphical forms.
- B-SOC/503.4 Students will learn to write a research report, in addition to it they will learn to face the viva-voce and defend their thesis.

Note: This practical paper consists of two parts A and B. Part A consists of eight practical topics. The evaluation will be based on practical note book on four topics (fifteen marks each) out of total eight topics. Part B consists of project report based on field data having 60 marks and Viva-voce of 30 marks. The evaluation will be based on project report and performance during Viva-voce.

Part-A 40 marks (List of Practical)

1. Formulation of Research Problem
 - Sources of Research Problem
 - Identification of Variables and their linkage
 - Preparation of Synopsis.
2. Selection of Universe and Sampling.
3. Formulation of Tools of Data Collection
 - Questionnaire
 - Schedule
 - Interview
4. Collection of Data.
5. Data Processing
 - Coding and Frequency Distribution
6. Tabulation- Various Types.
7. Graphic Presentation:
 - Polygon
 - Pie Chart
 - Histogram
8. Data Interpretation and Analysis.

Part-B 60Marks

1. Project Report 60 marks

(Students are required to submit a project report on the basis of topics of fieldwork assigned by the Teacher on the different social issues like Family, Marriage and kinship in Haryana; Caste Structure; Different Social Problems; Gender relations; Agrarian relations etc. or any other contemporary issues as the Teacher considers it suitable and useful.)

2. Viva-voce- 30marks

Note: * indicates that there is no internal assessment marks in practical paper.

Mapping Matrix of Course B-SOC/503

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

Table 1: Scale of mapping between COs and POs

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

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

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

Table 2 shows the CO-PO mapping matrix for a course (B-SOC/503) assuming that there are 08 POs and 4COs.

Table 2: CO-PO Matrix for the Course B-SOC/503

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
B-SOC/503.1	3	3	3	3	2	3	2	3
B-SOC/503.2	3	3	3	3	2	3	2	3
B-SOC/503.3	3	3	3	3	2	3	2	3
B-SOC/503.4	3	3	3	3	2	3	2	3
Average	3	3	3	3	2	3	2	3

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

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

Table 3 shows the CO-PSO mapping matrix for a course (B-SOC/503) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course B-SOC/503

CO	PSO 1	PSO 2	PSO 3	PSO 4
B-SOC/503.1	2	2	3	3
B-SOC/503.2	2	2	3	3
B-SOC/503.3	2	2	3	3
B-SOC/503.4	2	2	3	3
Average	2	2	3	3

Semester V
Generic Elective-(GE-1)
Code: B-SOC-GE-1/101
Introduction to Sociology

Maximum Marks–150
Theory–120
Internal Assessment –30
Time–3 hours
L:T:FW
Credit- 5:1:0=6

Course Outcomes (COs):-

- B-SOC/101.1 Students will be able to understand the nature, scope & development of sociology; relationship with other Social Sciences.
- B-SOC/101.2 Students will learn about the basic concepts of Sociology
- B-SOC/101.3 Students will acquire conceptual clarification regarding culture, socialisation & social control.
- B-SOC/101.4 Students will gain knowledge about the process of social change and allied concepts.

Note: - The Paper setter shall set 8 questions, 25 Marks each from all four units of the syllabus giving internal choice. However, one compulsory question in addition is to be set under fifth unit based on entire syllabus. This compulsory question would comprise four questions, 5 marks each. Such way, the examinees have to attempt five questions in all.

Unit -I

Introduction to Sociology: Meaning, Nature and Scope; Development of Sociology, Relationship of Sociology with History, Psychology and Economics.

Unit- II

Basic concepts: Society, Community, Institution, Association, Groups: Primary and Secondary; Reference Group, Social Structure, Status and Role.

Unit-III

Socialisation and Social Control: Culture and its types, Socialisation – Stages and Agencies; Social Control: Forms and Agencies.

Unit-IV

Social Change: Meaning and Types of Change, Factors of Social Change; Forms of Social Change: Evolution, Progress, Development, Revolution; Barriers to Social Change

Reference:

- Bottomore, T.B. (1972), *Sociology: A Guide to Problems and literature*. Bombay: George Allen and Unwin (India).
- Harlambos, M. (1998), *Sociology: Themes and Perspectives*. New Delhi: Oxford University Press.
- Jayaram, N. (1988), *Introductory Sociology*. Madras: Macmillan India.
- Johnson, Harry M. (1995), *Sociology: A Systematic Introduction*. New Delhi: Allied Publishers.
- Kingsley, Davis. (1981), *Human Society*, New Delhi: Surjeet Publications.
- Gisbert. P. (2016), *Fundamentals of Sociology*, New Delhi, Orient Black Swan,
- Nagla, Bhupender Kumar & Sheobahal Singh (2019), *Introducing Sociology*, Jaipur, Rawat Publication
- Yadav, Ram Ganesh (2014), *Samajshastra Parichay*, New Delhi, Oriental Black Swan
- Sachdeva, Bhushan (2012), *Fundamentals of Sociology*, Delhi: Pearson.
- Sachdeva, Bhushan (2012), *Samajshastra*, Delhi: Pearson.

Mapping Matrix of Course B-SOC-GE-1/101

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

Table 1: Scale of mapping between COs and POs

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

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

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

Table 2 shows the CO-PO mapping matrix for a course (B-SOC-GE-1/101) assuming that there are 08 POs and 4COs.

Table 2: CO-PO Matrix for the Course B-SOC-GE-1/101

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
B-SOC-GE-1 101.1	3	3	3	3	3	3	2	3
B-SOC-GE-1 101.2	3	3	3	3	3	3	2	3
B-SOC-GE-1 101.3	3	3	3	3	3	3	2	3
B-SOC-GE-1 101.4	3	3	3	3	3	3	2	3
Average	3	3	3	3	3	3	2	3

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

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

Table 3 shows the CO-PSO mapping matrix for a course (B-SOC-GE-1/101) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course B-SOC-GE-1/101

CO	PSO 1	PSO 2	PSO 3	PSO 4
B-SOC-GE-1 101.1	3	3	3	3
B-SOC-GE-1 101.2	3	3	3	3
B-SOC-GE-1 101.3	3	3	3	3
B-SOC-GE-1 101.4	3	3	3	3
Average	3	3	3	3

Semester VI
Discipline Specific Elective (DSE-B)
Code: B-SOC/601
Population and Society

Maximum Marks–150
Theory–120
Internal Assessment –30
Time–3 hours
L:T:FW
Credit- 5:1:0=6

Course Outcomes (COs):-

B-SOC/601.1 Students will understand the significance of population studies and its statistical processes in detail.

B-SOC/601.2 Students will be acquainted with various population theories.

B-SOC/ 601.3 Students will be familiarized about composition and distribution of Indian population.

B-SOC/601.4 Students will get an insight into family planning programme in India.

Note: - The Paper setter shall set 8 questions, 25 Marks each from all four units of the syllabus giving internal choice. However, one compulsory question in addition is to be set under fifth unit based on entire syllabus. This compulsory question would comprise four questions, 5 marks each. Such way, the examinees have to attempt five questions in all.

UNIT – I

Population Processes: Significance of Population Studies; Population Processes: Fertility, Mortality and Migration: Measurement and Determinants.

UNIT – II

Population Theories: Biological, Malthusian, Demographic Transition and Optimum Population Theory

UNIT – III

Population Composition and its Implications in India: Population growth Rate; Density; Age Pyramid; Sex Ratio; Rural-Urban Composition; Literacy in India.

UNIT – IV

Population Planning and Control: Population Explosion; Family Planning Programme: Critical Appraisal; Population Policy of India,

References:

- Agarwal, S.N. (1989), *Population Studies with Special Reference to India*, New Delhi: Lok Surjeet Publication.
- Bose, Ashish (1991), *Demographic Diversity in India*, Delhi: B.R. Publishing Corporation.
- Banarjee, D. (1985), *Health and Family Planning Services in India*, New Delhi: Lok Prakashan.
- Dubey, Surendra Nath (2001), *Population of India*, Delhi: Authors Press.
- Malthus, T.R. (1986), *An Essay on the Principle of Population*, London: William Pickering.
- Premi, M.K. (2004), *Social Demography*, Delhi: Jawahar Publishers and Distributors.
- Sharma, Rajendra (1997), *Demography and Population Problems*, New Delhi: Atlantic Publishers.
- Srivastava, O.S. (1998), *Demography and Population Studies*, New Delhi: Vikas Publishing House.

Mapping Matrix of Course B-SOC/601

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

Table 1: Scale of mapping between COs and POs

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

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

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

Table 2 shows the CO-PO mapping matrix for a course (B-SOC/601) assuming that there are 08 POs and 4COs.

Table 2: CO-PO Matrix for the Course B-SOC/601

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
B-SOC/601.1	3	3	3	3	3	3	2	3
B-SOC/601.2	3	3	3	3	3	3	2	3
B-SOC/601.3	3	3	3	3	3	3	2	3
B-SOC/601.4	3	3	3	3	3	3	2	3
Average	3	3	3	3	3	3	2	3

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

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

Table 3 shows the CO-PSO mapping matrix for a course (B-SOC/601) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course B-SOC/601

CO	PSO 1	PSO 2	PSO 3	PSO 4
B-SOC/601.1	3	3	3	3
B-SOC/601.2	3	3	3	3
B-SOC/601.3	3	3	3	3
B-SOC/601.4	3	3	3	3
Average	3	3	3	3

Semester VI
Discipline Specific Elective (DSE-B)
Code: B-SOC/602
Social Problems in India

Maximum Marks–150
Theory–120
Internal Assessment –30
Time–3 hours
L:T:FW
Credit- 5:1:0=6

Course Outcomes (COs):-

- B-SOC/602.1 The students would learn about basic concepts of social problems.
B-SOC/602.2 The students would be acquainted with different familial issues of the Indian society.
B-SOC/602.3 The students would learn about developmental issues of the society.
B-SOC/602.4 The students would learn about contemporary issues related with social problems.

Note: - The Paper setter shall set 8 questions, 25 Marks each from all four units of the syllabus giving internal choice. However, one compulsory question in addition is to be set under fifth unit based on entire syllabus. This compulsory question would comprise four questions, 5 marks each. Such way, the examinees have to attempt five questions in all.

UNIT – I

Understanding Social Problems: Deviance; Social Disorganization; Anomie; Alienation; Suicide, Crime

UNIT – II

Familial Issues: Domestic Violence; Dowry, Inter-Caste Marriage; Problem of the Aged; Divorce.

UNIT – III

Developmental Issues: Hygiene and Sanitation; Life style Disease; Housing; Uneven Development; Corruption, Unemployment

UNIT – IV

Contemporary Issues: Cyber Crime; HIV AIDS; Drug Addiction; Mental Illness; Pandemics.

References:

- Ahuja, Ram (2000), *Social Problems in India*, New Delhi: Rawat Publications.
Ahuja, Ram (2000), *Bharat mein Samajik Samsayen*, Jaipur, Rawat Publications
Desai, Neera & Usha Thakkar (2007), *Women in Indian Society*, Delhi: National Book Trust, India.
Gill, S.S. (1998), *The Pathology of Corruption*, New Delhi: Harper Collin Publishers.
Madan, G.R. (1991), *Indian Social Problems*, New Delhi: Allied Publisher, Vol. I.
Memoria, C.B (1981), *Social Problem and Social Disorganization in India*, Allahbad, Kitab Mahal
Rajaura, Suresh Chander (2000), *Samkaleen Bharat ke Samajik Samsayen*, Jaipur, Rajasthan Hindi Granth Akadami
Sharma G.L (2015), *Samjik Mudde*, Delhi: Rawat Publication

Mapping Matrix of Course B-SOC/602

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

Table 1: Scale of mapping between COs and POs

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

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

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

Table 2 shows the CO-PO mapping matrix for a course (B-SOC/602) assuming that there are 08 POs and 4COs.

Table 2: CO-PO Matrix for the Course B-SOC/602

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
B-SOC/602.1	3	3	3	3	3	3	2	3
B-SOC/602.2	3	3	3	3	3	3	2	3
B-SOC/602.3	3	3	3	3	3	3	2	3
B-SOC/602.4	3	3	3	3	3	3	2	3
Average	3	3	3	3	3	3	2	3

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

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

Table 3 shows the CO-PSO mapping matrix for a course (B-SOC/602) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course B-SOC/602

CO	PSO 1	PSO 2	PSO 3	PSO 4
B-SOC/602.1	3	3	3	3
B-SOC/602.2	3	3	3	3
B-SOC/602.3	3	3	3	3
B-SOC/602.4	3	3	3	3
Average	3	3	3	3

Semester VI
Discipline Specific Elective (DSE-B)
Course Code: B-SOC/603
Media, Communication and Society

Maximum Marks–150
Theory–120
Internal Assessment –30
Time–3 hours
L:T:FW
Credit- 5:1:0=6

Course Outcomes (COs):-

- B-SOC/603.1 Students will learn sociological interpretation of communication and other concepts.
B-SOC/603.2 It will increase knowledge of the students about television and Radio and help in understanding its impact.
B-SOC/603.3 It will enhance the understanding of the students about internet & multimedia.
B-SOC/603.4 Students will learn the role and impact of social media on different sections of the society.

Note: - The Paper setter shall set 8 questions, 25 Marks each from all four units of the syllabus giving internal choice. However, one compulsory question in addition is to be set under fifth unit based on entire syllabus. This compulsory question would comprise four questions, 5 marks each. Such way, the examinees have to attempt five questions in all.

UNIT- I

Understanding Communication: Concept, Basic Model and Types; Process of Communication; Barriers to Communication, Mass Communication- Meaning, Types and Importance.

UNIT- II

Television and Radio: History; Impact of Television and Radio on Society; Television and Popular Culture; Mass Communication Infrastructure in India; Developmental Role of Television and Radio

UNIT- III

Internet and Multimedia: Meaning, Types and Significance; Digitalization; E-Resources and its Importance; Traditional Media; Globalization of Culture

UNIT- IV

Social Media: Meaning, Importance and Types- Facebook, WhatsApp, Instagram, Twitter; YouTube; Impact of Social Media on Youth and Children; Dysfunctions of Social Media.

References:

- Agee, Warrenk; Phillip, H. Ault and Edwin Energy (1975), *Introduction to Mass Communication*, New York: Dodi Mead Inc.
- Canter, Muriel G. (1980), *Prime Time Television – Content and Control*, London: Sage Publications.
- Johnson, Erik (2000), *Television and Social Change in Rural India*, London: Sage Publication.
- Kumar, Kewal (2016), *Mass Communication*, Bombay: Jaico.
- Kumar, Kewal (2017), *Bharat Mein Jansanchar, Bombay*, Jaico Publication.
- Srivastava, K.M. (1998), *Media towards 21st Century*, New Delhi: Sterling.
- Vilanilam. J.V (2005), *Mass Communication in India: A Sociological Perspective*, New Delhi: Sage Publications.

Mapping Matrix of Course B-SOC/603

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

Table 1: Scale of mapping between COs and POs

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

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

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

Table 2 shows the CO-PO mapping matrix for a course (B-SOC/603) assuming that there are 08 POs and 4COs.

Table 2: CO-PO Matrix for the Course B-SOC/603

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
B-SOC/603.1	3	3	3	3	3	3	2	3
B-SOC/603.2	3	3	3	3	3	3	2	3
B-SOC/603.3	3	3	3	3	3	3	2	3
B-SOC/603.4	3	3	3	3	3	3	2	3
Average	3	3	3	3	3	3	2	3

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

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

Table 3 shows the CO-PSO mapping matrix for a course (B-SOC/603) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course B-SOC/603

CO	PSO 1	PSO 2	PSO 3	PSO 4
B-SOC/603.1	3	3	3	3
B-SOC/603.2	3	3	3	3
B-SOC/603.3	3	3	3	3
B-SOC/603.4	3	3	3	3
Average	3	3	3	3

Semester VI
Discipline Specific Elective (DSE-B)
Course Code: B-SOC/604
Social Change and Social Movements in India

Maximum Marks–150
Theory–120
Internal Assessment –30
Time–3 hours
L:T:FW
Credit- 5:1:0=6

Course Outcomes (COs):-

- B-SOC/604.1 Students will get an understanding of the meaning, dimension and types of social change.
B-SOC/604.2 Students will get familiarized with forces of change in contemporary Indian society.
B-SOC/604.3 Students will gain knowledge of concepts, elements, classification and the theories of social movements.
B-SOC/604.4 Students will get an exposure to Social Movement & Protests in India.

Note: - The Paper setter shall set 8 questions, 25 Marks each from all four units of the syllabus giving internal choice. However, one compulsory question in addition is to be set under fifth unit based on entire syllabus. This compulsory question would comprise four questions, 5 marks each. Such way, the examinees have to attempt five questions in all.

Unit-I

Social Change: Meaning, Dimensions, Types; Endogenic and Exogenic factors;

Unit-II

Contemporary Indian Social Changes: Modernization, Westernization, Sanskritization, Secularization, Globalization.

Unit-III

Social Movements: Concept, Elements, Classification and Theories; Ecological Movements.

Unit-IV

Social Movements and Protests in India: Reform movements; Tribal and Peasants Movements; Movements based on Caste, & Region; Reservation and Politics;

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- | | |
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| Singh, Sheobahal: | Sociology of Development , Jaipur: Rawat Publications (2010), |
| Sharma, S.L. : | (Development: Socio-Cultural Dimensions , Jaipur: Rawat Publications (1986), |
| Verma, Manish K: | Globalization and Environment: Discourse, Policies and Practices , Jaipur: Rawat Publications (2015). |

Mapping Matrix of Course B-SOC/604

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

Table 1: Scale of mapping between COs and POs

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

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

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

Table 2 shows the CO-PO mapping matrix for a course (B-SOC/604) assuming that there are 08 POs and 4COs.

Table 2: CO-PO Matrix for the Course B-SOC/604

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
B-SOC/604.1	3	3	3	3	3	3	2	3
B-SOC/604.2	3	3	3	3	3	3	2	3
B-SOC/604.3	3	3	3	3	3	3	2	3
B-SOC/604.4	3	3	3	3	3	3	2	3
Average	3	3	3	3	3	3	2	3

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

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

Table 3 shows the CO-PSO mapping matrix for a course (B-SOC/604) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course B-SOC/604

CO	PSO 1	PSO 2	PSO 3	PSO 4
B-SOC/604.1	3	3	3	3
B-SOC/604.2	3	3	3	3
B-SOC/604.3	3	3	3	3
B-SOC/604.4	3	3	3	3
Average	3	3	3	3

Semester - VI
Generic Elective (GE-2)
Code: B-SOC-GE-2/301
Indian Society

Maximum Marks–150
Theory–120
Internal Assessment –30
Time–3 hours
L:T:FW
Credit- 5:1:0=6

Course Outcomes (COs):-

- B-SOC-GE-2/301.1 The Students would be familiarized with various socio-cultural dimensions of Indian society.
- B-SOC-GE-2/301.2 It would enhance knowledge of the students about the structural inequalities in Indian Society.
- B-SOC-GE-2/301.3 The students will be acquainted with the important familial issues.
- B-SOC-GE-2/301.4 It would help students to have understanding of contemporary social issues as well their remedial measures.

Note: - The Paper setter shall set 8 questions, 25 Marks each from all four units of the syllabus giving internal choice. However, one compulsory question in addition is to be set under fifth unit based on entire syllabus. This compulsory question would comprise four questions, 5 marks each. Such way, the examinees have to attempt five questions in all.

UNIT – I

Dimensions of Indian Society: Evolution of Indian Society: Socio- Cultural Dimensions; Unity and Diversity in Indian Society; Multi-Ethnic; Multi-Religious; Cultural and Lingual

UNIT – II

Structural Issues: Inequality of Caste, Class and Gender; Backward Castes, Weaker Sections and Dalits.

UNIT – III

Familial Issues: Family Violence, Dowry, Divorce, Problems of the Aged.

UNIT – IV

Contemporary Issues: Poverty: Indicators, Causes & Alleviation Programmes, Unemployment, Development and Displacement

References:

- Beteille, Andre (1974), *Social Inequality*, New Delhi: OUP
- Dube, S.C. (1991), *Indian Society*, New Delhi: National Book Trust.
- Desai Neera & Mathayee Krishnaraj (1997), *Women and Society in India*, Ajanta Bombay
- Desai, Neera and Usha Thakkar (2001), *Women in Indian Society*, National Book Trust, India
- Ahuja, Ram (1997), *Society in India: Concept, Theories and Recent Trends*, Jaipur: Rawat Publication.
- Sharma K.L. (ed.) (1994), *Caste and Class*, Jaipur, Rawat Publication
- Sharma, K.L (2011), *Indian Social Structure and Change*, Rawat Publications
- Sharma, G.L (2015), *Samajik Mudde*, Rawat Publication

Mapping Matrix of Course B-SOC-GE-2/301

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

Table 1: Scale of mapping between COs and POs

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

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

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

Table 2 shows the CO-PO mapping matrix for a course (B-SOC-GE-2/301) assuming that there are 08 POs and 4COs.

Table 2: CO-PO Matrix for the Course B-SOC-GE-2/301

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
B-SOC-GE-2 301.1	3	3	3	3	3	3	2	3
B-SOC-GE-2 301.2	3	3	3	3	3	3	2	3
B-SOC-GE-2 301.3	3	3	3	3	3	3	2	3
B-SOC-GE-2 301.4	3	3	3	3	3	3	2	3
Average	3	3	3	3	3	3	2	3

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

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

Table 3 shows the CO-PSO mapping matrix for a course (B-SOC-GE-2/301) assuming that there are 4 PSOs and 4COs.

Table 3: CO-PSO Matrix for the Course B-SOC-GE-2/301

CO	PSO 1	PSO 2	PSO 3	PSO 4
B-SOC-GE-2 301.1	3	3	3	3
B-SOC-GE-2 301.2	3	3	3	3
B-SOC-GE-2 301.3	3	3	3	3
B-SOC-GE-2 301.4	3	3	3	3
Average	3	3	3	3

Table 4: Mapping of COs, POs and PSOs (BA Sociology)

Course Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4
B-SOC-101	3	3	3	3	3	3	2	3	3	3	3	3
B-SOC-201	3	3	3	3	3	3	2	3	3	3	3	3
B-SOC-301	3	3	3	3	3	3	2	3	3	3	3	3
B-SOC/SEC/SI	3	3	3	3	3	3	2	3	3	3	3	3
B-SOC-401	3	3	2	3	3	3	2	3	3	2	3	3
B-SOC-501	3	3	3	3	3	3	2	3	3	3	3	3
B-SOC-502	3	3	3	3	3	3	2	3	3	3	3	3
B-SOC-503	3	3	3	3	3	3	2	3	2	2	3	3
B-SOC-504	**											
B -GE-1*	3	3	3	3	3	3	2	3	3	3	3	3
B-SOC-601	3	3	3	3	3	3	2	3	3	3	3	3
B-SOC-602	3	3	3	3	3	3	2	3	3	3	3	3
B-SOC-603	3	3	3	3	3	3	2	3	3	3	3	3
B-SOC-604	3	3	3	3	3	3	2	3	3	3	3	3
B-GE-2*	3	3	3	3	3	3	2	3	3	3	3	3

Note: - *Course Code of Generic Elective Paper will be decided after opting the same by the student
Attainment of COs:

****MOOC** Courses from Swayam Portal can opt only when University approved the same from time to time

The attainment of COs can be measured on the basis of the results of internal assessment and semester examination. The attainment is measured on scale of 3 after setting the target for COs attainment. **Following table** shows the CO attainment levels assuming the set target of 60% marks:

CO Attainment Levels for internal assessment

Attainment Level	
1 (low level of attainment)	60% of students score more than 60% of marks in class tests of a course.
2 (Medium level of attainment)	70% of students score more than 60% of marks in class tests of a course.
3 (High level of attainment)	80% of students score more than 60% of marks in class tests of a course.

Note: In the above table, the set target is assumed as 60%. It may vary in different departments/institutes. The staff councils of the Departments/institutes may finalize the set target.

A proper mapping of course outcomes with assessment methods should be defined before measuring the attainment level. The questions in tests for internal assessment are based on COs. Here it is assumed that class test-I is based on first two COs (i.e. **B-SOC-101.1** and **B-SOC-101.2**) of a course with equal weightage given to both COs. Similarly, class test-II is based on next two COs (i.e. **B-SOC-101.3** and **B-SOC-101.4**) of a course with equal weightage given to these two COs. For each internal assessment test, the percentage of students attaining the target level of CO is estimated and average percentage will decide the attainment level of COs. Following steps may be followed for determining the attainment level in internal assessment of a course.

- (i) Estimate the %age of students scoring set target (say 60%) or more in the question(s) of test -I based on first CO i.e. **B-SOC-101.1.**
- (ii) Estimate the %age of students scoring set target (60%) or more in the question(s) of test-I based on second CO i.e. **B-SOC-101.2.**
- (iii) Estimate the %age of students scoring set target (60%) or more in the question(s) of test-II based on third CO i.e. **B-SOC-101.3.**
- (iv) Estimate the %age of students scoring set target (60%) or more in the question(s) of test-II based on the fourth CO i.e. **B-SOC-101.4.**
- (v) Take average of the percentages obtained above.
- (vi) Determine the attainment level i.e. 3, 2 or 1 as per scale defined in **the above table.**

Note: In the above steps, it is assumed that internal assessment is based on two tests only. However, if internal assessment is based on more than two tests and/or on assignments then same may be incorporated to determine the COs attainment level. There may be more than four COs for a course. The set target may also be different for different COs. These issues may be resolved by the staff councils of the departments/institutes.

For determining the attainment levels for end semester examination, it is assumed that questions in the end term examination are based on all COs of the course. Attainment levels for end semester examination of a course can be determined after the declaration of the results. The CO attainment levels for end semester examination are given in the following Table.

CO Attainment Levels for End Semester Examination (ESE)

Attainment Level	
1 (Low level of attainment)	60% of students obtained letter grade of A or above (for CBCS programmes) or score more than 60% of marks (for non-CBCS programmes) in ESE of a course.
2 (Medium level of attainment)	70% of students obtained letter grade of A or above (for CBCS programmes) or score more than 60% of marks (for non-CBCS programmes) in ESE of a course.
3 (High level of attainment)	80% of students obtained letter grade of A or above (for CBCS programmes) or score more than 60% of marks (for non-CBCS programmes) in ESE of a course.

Note: In the above table, the set target is assumed as grade A for CBCS courses and 60% for non-CBCS Courses. It may vary in different departments/institutes. The staff councils of the departments/institutes may finalize the set target.

Overall CO Attainment level of a Course:

The overall CO attainment level of a course can be obtained as:

Overall CO attainment level = 50% of CO attainment level in internal assessment + 50% of CO attainment level in end semester examination.

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

Attainment of POs:

The overall attainment level of POs is based on the values obtained using direct and indirect methods in the ratio of 80:20. The direct attainment of POs is obtained through the attainment of COs. The overall CO attainment value as estimated above and CO-PO mapping value as shown in **Table 3** are used to compute the attainment of POs. PO attainment values obtained using direct method can be written as shown in the following Table.

PO Attainment Values using Direct Method

Course Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
B-SOC-101								
B-SOC-201								
B-SOC-301								
B-SOC/SEC/SI								
B-SOC-401								
B-SOC-501								
B-SOC-502								
B-SOC-503								
B-SOC-504								
B -GE-1 *								
B-SOC-601								
B-SOC-602								
B-SOC-603								
B-SOC-604								
B-GE-2*								
Direct PO attainment	Average of above values	Average of above values	Average of above values	--	--	--	--	Average of above values

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

For B-SOC-101-PO1 Cell:

PO1 attainment value = (Mapping factor of **B-SOC-101-PO1** from **Table 3** × Overall CO attainment value for the course **B-SOC -101**)/3

For B-SOC-201-PO1 Cell:

PO1 attainment value = (Mapping factor of **B-SOC-201-PO1** from **Table 3** × Overall CO attainment value for the course **B-SOC-201**)/3

Similarly, values for each cell **of the above table** can be obtained. The direct attainment of POs is average of individual PO attainment values.

In order to obtain the PO attainment using indirect method, a student exit survey based on the questionnaire of POs may be conducted at end of last semester of the program. The format for the same is given **in the following table**. Average of the responses from the outgoing students for each PO is estimated.

The overall PO attainment values are obtained by adding attainment values estimated using direct and indirect methods in the proportion of 80:20 as follows:

Overall attainment value for PO1 =

$0.8 \times$ average attainment value for PO1 using direct method (**from above table**) +

$0.2 \times$ average response of outgoing students for PO1

Similarly, overall attainment value can be obtained for each PO.

Questionnaire for indirect measurement of PO attainment (For outgoing students)

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

	Please tick any one		
Statement of PO1	3	2	1
Statement of PO2	3	2	1
Statement of PO3	3	2	1
Statement of PO4	3	2	1
Statement of PO5	3	2	1
Statement of PO6	3	2	1
Statement of PO7	3	2	1
Statement of PO8	3	2	1
3: Strongly Agree; 2: Agree; 1: Average			

Overall PO attainment values can be written as shown **in the following Table.**

Overall PO attainment Values

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
Direct PO attainment								
Indirect PO attainment								
Overall PO attainment								
Target	2	2	2	2	2	1.5	2	2

The overall PO attainment values obtained above are compared with set target. The set target for each PO may be different and can be finalized by the staff councils of the departments/institutes. If overall PO attainment value is less than the set target value then an action plan may be prepared for improvement in the subsequent academic session.

The overall PSO attainment level based on CO-PSO mapping values and overall CO attainment values can be obtained in a similar manner.



B.Sc.(Printing & Packaging Technology)
Scheme of Examination
and
Syllabus

from 3rd to 6th Semester

Duration: Three Year

Eligibility: 10+2 in any stream

w.e.f. Academic Session 2020-21



Institute of Mass Communication and Media Technology

Kurukshetra University, Kurukshetra

B.Sc. (Printing & Packaging Technology)
Scheme of Examination
w.e.f. Academic Session 2020-21

Semester		Th	P/FW	IA	T	Time
3rd Semester						
BPPT-301	Image Reproduction Technology	50	30	20	100	3 Hours
BPPT-302	Paper and Ink Technology	50	30	20	100	3 Hours
BPPT-303	Flexography	50	30	20	100	3 Hours
BPPT-304	Food Packaging	50	30	20	100	3 Hours
BPPT-305	BPPT-305 (A) Applied Physics	50	30	20	100	3 Hours
Elective Paper	BPPT-305(B) Advertising	50	30	20	100	3 Hours
4th Semester						
BPPT-401	Pre-Press Technology	50	30	20	100	3 Hours
BPPT-402	Computer Graphics	50	30	20	100	3 Hours
BPPT-403	Gravure Technology	50	30	20	100	3 Hours
BPPT-404	Web Offset Technology	50	30	20	100	3 Hours
BPPT-405	BPPT-405 (A) Applied Chemistry	50	30	20	100	3 Hours
Elective Paper	BPPT-405 (B) Sales and Marketing	80	-	20	100	3 Hours
5th Semester						
BPPT-501	Binding and Finishing Technology	50	30	20	100	3 Hours
BPPT-502	Printer's Science	80	-	20	100	3 Hours
BPPT-503	Book and Newspaper Publishing	50	30	20	100	3 Hours
BPPT-504	Packaging Machinery Logistic and Regulations	50	30	20	100	3 Hours
BPPT-505	Quality Control in Printing and Packaging	50	30	20	100	3 Hours
6th Semester						
BPPT-601	Digital Printing	50	30	20	100	3 Hours
BPPT-602	Security Printing	50	30	20	100	3 Hours
BPPT-603	Costing and Estimating	80	-	20	100	3 Hours
BPPT-604	Management and Entrepreneurship	80	-	20	100	3 Hours
BPPT-605	Major Project		100		100	

Note:

Abbreviation of some points:-

Th- Theory, P- Practical, FW- Field Work, IA- Internal Assessment, T- Total

BPPT-301

IMAGE REPRODUCTION TECHNOLOGY

Note: The Examiners will set eight questions, taking two from each unit. The students are required to attempt five questions in all selecting at least one from each unit. All questions will carry equal marks.

Total Marks: 100

Theory Marks: 50

Practical:30

Internal Assessment: 20

Time: 3 Hrs. (for theory paper)

UNIT – I

Basic principles of reproduction photography: line photography; Basic density range of line original Basic line exposure for computerized camera with on-line or off-line densitometer, equipments and accessories. Contact photography – Spreads and chokes, Line separation from black and white art work, Evaluation of line negative.

UNIT – II

Halftone photography – Introduction to the concepts, Theories of dot formation, Selection of screen ruling, Introduction to different halftone screens, glass screen (brief study), contact screens – Grey and magenta Contact screen manufacture, Density gradient of contact screens, Negative, Positive, standard or universal contact screen. Pre-screened emulsion. Half tone exposure: Special features of half tone exposure. Factors affecting the halftone exposure. Basic halftone exposure setting on ordinary and computerized camera with off-line and on-line densitometer.

UNIT-III

Contrast control: Contrast with glass screen: S.D. variation, multiple stop system (brief study) Contrast control with contact screens Determining B.D.R. and main exposure of the contact screen, Highlight compensation, Use of CC filters with magenta contact screen determining CC filters and exposure calculations. Auxiliary or supplementary exposures: Contrast control with supplementary exposures. Flash exposure-Deciding the basic flash exposure, for contact screens Exposure calculations. No screen exposure-calculations. Line and halftone combination, Evaluation of halftone negative.

UNIT-IV

Color Reproduction: Definition and concepts Introduction to Corpuscular and Wave nature of light. The visual spectrum, Additive Synthesis and subtractive synthesis, Additive and subtractive combination for graphic for reproduction and practical interpretation of color-theories. Mechanism of vision and theory of color-vision, colorimetric Properties, Color and appearance measurement. Introduction to Colorimeter and Spectrometer.

Recommended Books:

Line photography- Karl Davis Robinson

Halftone Photography – Erwin Jaffe

Small Offset Preparation & Process- Les Crawhurst

Printing Technology- Adams, Faux, Rieber.

Reproduction Systems- V.S. Raman

Digital Photography- Anthony Hamber, Phill Green.

LIST OF EXPERIMENTS

1. Setting of camera.
2. Line negative and positive preparation
3. Halftone negative and positive preparation
4. Bromide positive preparations.
5. Exposing difficult line originals, Use of filters
6. Finding B.D.R. and main exposure time of contact screen .
7. S.D. calculations and S.D. setting and contrast control with glass screen
8. Study of densitometer.

BPPT-302

PAPER AND INK TECHNOLOGY

Note: The Examiners will set eight questions, taking two from each unit. The students are required to attempt five questions in all selecting at least one from each unit. All questions will carry equal marks.

Total Marks: 100

Theory Marks: 50

Practical:30

Internal Assessment: 20

Time: 3 Hrs. (for theory paper)

UNIT - I

Paper: Introduction, Paper fibers and non-fibers materials, Paper manufacture - Pulp preparation - mechanical pulp, Chemical processes, semi chemical process. Bleaching, Screening and Cleaning, Stock preparation, Paper making machine - Wire section, Press section and Drier sections, Calendaring and, super calendaring.

UNIT - II

Recycled paper-Introduction, Recycling process, De-inking chemistry-Pulping, Ultrasonic treatment, Flotation deinking, wash deinking, Printing defects associated with paper. Reel defects. Paper Testing, Influence of moisture and RH on paper, Paper storage and handling, Paper properties- physical, strength, optical, and printing- printability, runnability.

UNIT - III

Printing Inks - Introduction, Ingredients in Ink- pigments, vehicles, additives, Drying mechanisms- physical drying, absorption drying, evaporation drying, chemical drying systems, radiation drying and curing, microwave drying, infrared drying, Ink requirements for printing processes,

UNIT-IV

Security printing Ink- Ink manufacturing machines, Security Inks, Types of security inks, Special security features - fluorescence, phosphorescence, Basic properties of ink, Trends and developments in ink manufacturing process, Environmental considerations in security printing.

Recommended Books:-

Printing materials science & technology - Bob Thompson-PIRA

Advances in printing science & technology Vol.24 - J. Anthony Bristow

Hand book of Print & Production - Micheal Barnard, John Peacock

Introduction to Printing Technology - Hugh M.Speirs. SIGPA - 1987

PAPER AND INK TECHNOLOGY LAB

LIST OF EXPERIMENTS

1. Different samples of Papers and their study.
2. Effect of Humidity and Temperature on paper.
3. GSM Test.
4. Printed samples of different printing processes and their study.
5. Different samples of paperboard and their study.
6. Study of various component of ink.
7. Ink tackiness Test.
8. Printed samples of different printing processes and their study.
9. Ink Viscosity Test.
10. Different samples of Inks and their study

FLEXOGRAPHY TECHNOLOGY

Note: The Examiners will set eight questions, taking two from each unit. The students are required to attempt five questions in all selecting at least one from each unit. All questions will carry equal marks.

Total Marks: 100

Theory Marks: 50

Practical: 30

Internal Assessment: 20

Time: 3 Hrs. (for theory paper)

UNIT - I

Introduction to Flexography:

Definition. flexographic printing, flexographic market, flexographic products, growth potential, Advantages of flexography, Press development. Mechanical principles of flexography - Fountain roll, Anilox roll, plate cylinder, impression cylinder.

Image carriers for flexography:

Introduction. Thickness of flexo graphic plates. Photopolymer flexographic plates Advantages of photo polymer plates. Disadvantages of photo polymer plates. Solid photo polymer plates. Photo initiators and photo sensitizers. Washout solvents. Liquid photo polymer plates. Base material for photo polymer plates. Rubber flexo plates, photo engravings, duplicate plates. Rubber plate making process – Advantages of rubber plates, disadvantage of rubber plates. Photo polymer plate making process, sheet photo polymer plate making, liquid photo polymer plate making. Letter press plates – Introduction, photo polymer letterpress plates

UNIT - II

The Printing press:

Flexo press types - Stack press, Central impression cylinder press, Inline press, Tension control in flexographic m/c, Unwind equipments - general, single-position unwind - flying-splice unwind, unwind tension systems, cooling drum a out feed unit. Rewind equipments - surface winders, center winders, rewind tension systems. Web guides. Printing stations - two roll, anilox roll, reverse angle doctor blade system, Deck control, Continuous inking, side and circumferential register control, Dryers. Mechanical components - CI drum, plate cylinders. Anilox roll - construction, cell structure, anilox roll wear, selecting the right anilox roll, chrome plating. Fountain rolls - formulating rubber for rolls, Flexo roller covering, Care of covered rolls.

UNIT - III

Mounting and Proofing:

Introduction. Checking the equipment. Operation care of equipment. Understanding the mounting instructions. Mounting and proofing a complete line job - proofing the first set of plates, proofing for printability, methods of prepress make-ready, wrapping mounted cylinders. Miscellaneous procedures - removing plates from the cylinder, mounting metal-backed plates, reusing sticky back, plate staggering, use of release agents. Tools for the operator. Basic requirements for process colour printing. Press room practices. Environment and safety concerns.

Flexography and Bar-coding:

Barcode structures. Types. Verifying/Analyzing printed barcodes. UPC and flexographic printing. UDC film masters and printing capability tests. The shipping container symbol (SCS). SCS shipping contain Barcode printing.

UNIT - IV

Beyond the Horizon- Tomorrows Flexography:

Flexographic substrates. Narrow web presses-Narrow web press components, Future narrow web flexography. Wide web presses. Corrugated presses. Pre printed liner presses. Future of Ink distribution system. Tomorrows flexographic plates. News print for water-base flexography. Markets for today and tomorrow.

Recommended Books :

Flexography principles and practices - Foundation of flexographic technical association

Hand book of Print & Production - Micheal Barnard, John Peacock

Introduction to Printing Technology - Hugh M.Speirs. SIGPA - 1987

Printing Technology- Adams, Faux, Rieber.

FLEXOGRAPHY TECHNOLOGY – LAB

LIST OF EXPERIMENTS

1. Introduction and familiarizing flexographic machine and other related elements.
2. Preparation of rubber plates.
3. Preparation of Liquid photo polymer plates, Sheet photo polymer plates.
4. Registering and plate mounting on flexographic plate cylinder.
5. Make ready procedures of a flexographic machine.
6. Printing single color and multicolor
7. Studying of 6 color and 8 color flexographic machines.

BPPT 304
FOOD PACKAGING

Note: The Examiners will set eight questions, taking two from each unit. The students are required to attempt five questions in all selecting at least one from each unit. All questions will carry equal marks.

Total Marks: 100
Theory Marks: 50
Practical:30
Internal Assessment: 20
Time: 3 Hrs. (for theory paper)

UNIT-1

Introduction

- Food packaging: Definition,
- Functions of food packaging,
- Need of food packaging
- Role of packaging in extending shelf life of foods
- Safety assessment of food packaging materials
- Different forms of packaging.
- Rigid, semi-rigid, flexible forms of packaging in food industries..
- Different packaging system for-Dehydrated foods, Frozen foods, Dairy products, Fresh fruits, Vegetables, Meat, Poultry, Sea foods.

UNIT 2

Aseptic packaging of foods

- Principles of sterilization,
- sterilization of packaging material,
- verification of sterilization processes,
- aseptic packaging systems: carton systems, can systems,
- bottle systems, sachet and pouch systems, cup systems□

UNIT 3

Active and Smart packaging

- Definition
- Smart packaging systems
- intelligent packaging systems: Quality Indicators, Time-temperature
- indicators, gas concentration indicators, RFID;
- Safety and Regulatory issues

UNIT 4

Properties & selection of packaging materials

- Tensile strength, bursting strength, tearing resistance, puncture
- resistance, impact strength, tear strength,
- Barrier properties of packaging materials,,
- prediction of shelf life of foods,

REFERENCE BOOKS:

Gordon L. Robertson, Food Packaging: Principles and Practice, Third Edition,2013.
Gordon L. Robertson, Food Packaging and Shelf Life: A Practical Guide,2010.
Ruben Hernandez, Susan E. MSeke, John Culter, John D. Culter,
Plastics Packaging: Properties,Processing, Applications, and Regulations,2000.
Walter Soroka, Fundamentals of Packaging Technology-Fourth Edition,

FOOD PACKAGING- LAB

LIST OF EXPERIMENTS

1. Identification of different types of packaging and packaging materials
2. Determination of tensile strength of given material
3. Determination of tearing strength of paper
4. Determination of bursting strength of packaging material
6. Determination of drop test of food package
7. Visit to relevant industries
- 8 Introducing the students with the latest trends in packaging consulting the web sites and magazines

APPLIED PHYSICS

Note: The Examiners will set eight questions, taking two from each unit. The students are required to attempt five questions in all selecting at least one from each unit. All questions will carry equal marks.

Total Marks: 100

Theory Marks: 50

Practical:30

Internal Assessment: 20

Time: 3 Hrs. (for theory paper)

Unit-1

Newton's laws and their applications

Statement and explanation of the Newton's laws of motion, Inertial frames of reference, Galilean transformations, Atwood machine, Static and dynamic friction, Motion along inclined plane with and without frictional force, Use of free body diagrams, motion in a resistive medium, terminal velocity.

Unit -2

Work energy and conservation laws

Work done by a constant and a variable force, power, kinetic energy, conservative and non-conservative forces, potential energy, law of energy conservation, momentum, impulse, collisions, elastic and inelastic collisions, conservation of momentum, ballistic pendulum, rocket motion.

Holography

Holography Principles of Holography, Recording of holograms, types of holograms, reconstruction of objects from holograms, applications of holography: 3D reconstruction, Interferomet

Unit – 3

Motion of rigid bodies

Angular velocity, angular momentum and acceleration, kinetic energy in rotational motion, moment of Inertia of a body; calculation of moment of inertia of a disk, annular ring, solid sphere and rectangular bar; parallel and perpendicular axis theorems, torque and dynamics of rotational motion, conservation of angular momentum with illustrations.

Viscosity

Laminar flow, the coefficient of viscosity, Poiseuille's method of measuring viscosity, temperature dependence of viscosity, Stokes' law.

Unit – 4

Surface tension

Molecular interpretation of surface tension; Surface energy; Angle of contact and Wetting ,Pressure difference across a curved surface; Interfacial tension, Drop weight method with necessary theory, factors affecting surface tension.

Elasticity

Elasticity and plasticity, Stress and strain, elastic moduli, relationship between elastic constants, Poisson's ratio, work done in stretching a wire, bending of beams, bending moment, theory of single cantilever, couple per unit twist, torsional oscillations. Wetting, Pressure necessary theory,

References

1. Concepts of Physics Vol (I)-HC Verma, BharathiBhavan Publishers, 2004.
2. Mechanics- Berkeley Physics Course Vol(I)- Mittal,Ifuight&Rudermann, TMH, Delhi, 1981.
3. Mechanics, K R Symon, 3'd Edition, pearson, 2016.
4. Mechanics, S Datta, Pearson, 2012.
5. Oscillations and Waves - DP Khandelwal, Himalaya Publishing House, 1976.
6. Elements of Properties of matter - DS Mathur, Shamlal Charitable Trust, Delhi, 1996.
7. Properties of Matter - Brijlal&Subramanyam, S Chand & Co, 1992.

APPLIED PHYSICS- LAB

LIST OF EXPERIMENTS

1. Atwood machine - with photo gate.
2. . Determination of coefficients of static, kinetic and rolling frictions.
- 3 Verification of principle of conservation of energy.
4. Fly wheel.
5. Verification of parallel and perpendicular axis theorem.
6. Searle's double bar.
7. Work done by variable force.
8. Cantilever of negligible mass to find Young's modulus.
9. Young's modulus by Stretching.

BPPT 305(B)

Advertising

Note: The Examiners will set eight questions, taking two from each unit. The students are required to attempt five questions in all selecting at least one from each unit. All questions will carry equal marks.

Total Marks: 100

Theory Marks: 50

Practical:30

Internal Assessment: 20

Time: 3 Hrs. (for theory paper)

Unit I

Introduction

Definition, Nature & Scope of advertising, Roles of Advertising; Societal, Communication, Marketing & Economic, Functions of advertising, Based on target audience, geographic area, Media & Purpose, Corporate and Promotional Advertising, Web Advertising.

Unit II

Planning to execution

Client Brief, Account Planning, Creative Strategy and Brief, Communication Plan, Brand Management - Positioning, brand personality, brand image, brand equity. Case studies.

Unit III

Visualization process

Conceptualization and Ideation, Translation of ideas into campaigns, Visualization Designing & Layout, Copy writing - Types of headlines, body copy base lines, slogans, logos, & trademarks. Typography, Writing styles, Scripting. Story board, Advertising campaign-from conception to execution.

Unit IV

Ad Agency & Media, Trends, Structure & Functions of Ad Agency

Environment, Components -Advertiser, Advertising agency & Media. Consumer behavior, Latest trends in advertising - (India and abroad). Ad Agency - Structure of small, medium & big agencies, functions. Types of agencies - in-house, Independent, Full-service & Specialized, Legal aspects & ethical issues.

REFERENCES

Sandage, Fryburger and Rotzoll (1996) Advertising Theory and Practice. AAITBS Publishers
Stansfield, Richard: Advertising Managers Handbook. UBBSPD Publications. Third Edition
Advertising Handbook: A Reference Annual Press TV , Radio and Outdoor Advertising.
Different Years ATLANTIS Publications
Mohan: Advertising Management: Concepts and Cases. Tata McGraw-Hill
Jewler, E (1998): Creative Strategy in Advertising. Thomson Learning

Advertising- Lab

LIST OF EXPERIMENTS

1. Prepare a design for newspaper advertisement
2. Banner and Pamphlet design
3. Logo and Trademark design
4. Book and magazine cover page design
5. Structural outline of ad agency

PRE-PRESS TECHNOLOGY

Note: The Examiners will set eight questions, taking two from each unit. The students are required to attempt five questions in all selecting at least one from each unit. All questions will carry equal marks.

Total Marks: 100

Theory Marks: 50

Practical:30

Internal Assessment: 20

Time: 3 Hrs. (for theory paper)

UNIT - I

Pre-press- Processes in pre –press, Basic colour theory, colour scheme, Additive and Subtractive colours, Process colours, Application of the colour theory to colour reproduction, Exposure, Colour balance, Memory colours, Contrast, Film transparency.

UNIT - II

Colour Reproduction - Process cameras-Vertical process camera and Horizontal process camera, Parts of process camera, Image setter-Drum and Flatbed Image setter, Ctp (Computer to plate) operations, Ctp types, Colour control - Gray scale, Colour patches, Colour bar, Densitometer.

UNIT - III

Colour Separating methods -Direct separation method and Indirect colour separation method, Methods and procedures followed for making the black printer negative, Objectives of colour correction, Hand correction, Tools used for hand correction, Masking, Types of mask, Electronic colour separation and correction.

UNIT - IV

Press proofing- Proofing methods, Purpose of proofing and importance, Types of proofing press, Photographic film, Scanner, Types of scanner, Quality control in Pre-press, Overview of colour reproduction from original to printing.

Recommended Books :-

1. Dr. R.W.G. Hont :- The reproduction of colour. Fountain Press, 4th edition.
2. Miles Southworth& Donna Southworth :- Colour Reproduction. Graphic Arts Publishing, 3.1 Edition.
3. Gary G. Field :- Tone & Colour correction (GATF).

LIST OF EXPERIMENTS

1. Setting of process camera
2. Study of Additive and Subtractive colours
3. Making of Half tone negative using process camera
4. Making of own colour control patches.
5. Gray Scale (Drawing).
6. Six Colour Wheel.
7. Planning for four Colour Newspapers designs.
8. Study of Densitometer

BPPT-402

COMPUTER GRAPHICS

Note: The Examiners will set eight questions, taking two from each unit. The students are required to attempt five questions in all selecting at least one from each unit. All questions will carry equal marks.

Total Marks: 100

Theory Marks: 50

Practical:30

Internal Assessment: 20

Time: 3 Hrs. (for theory paper)

UNIT-1

Basic Concept: Introduction, The origin of computer graphics, Working of interactive - graphics display, New display devices, General purpose graphics software, The user-interface, Display of solid objects, Line drawing displays - Display devices and controllers, Display devices,

UNIT-II

The CRT-Electron guns, Deflection system, Phosphors, Beam penetration CRT, Shadow mask CRT. Inherent-memory, devices - Direct view storage tube, Plasma panel, Laser-scan display, The storage-tube display, The refresh line - drawing display. Two dimensional transformations, Transformation principles, CAD, Animation, Simulation. Techniques for achieving realism

UNIT-III

Fundamental concepts of digital image processing - introduction, objectives, visual perception - structure of human eye, image formation in the eye, brightness adaptation and discrimination. Digital image representation, basic steps of image processing, elements of image processing system - image acquisition, storage, processing, communication, display.

UNIT-IV

Color model and color applications – Properties of light, standard primaries and the chromaticity diagramme XYZ color model, CIE chromaticity diagram, RGB color model, CMY color model, color selection and application,

Illumination model and surface rendering method—Light sources, basic illumination models, ambient light, diffuse reflection, displaying continuous tone images, halftone pattern and dithering technique.

Recommended Books:

Computer graphics principles & practice 2nd edition - **Van Dam, Foley, Fiener Hughes.**

Principle of Interactive Computer Graphics 2nd edition - **William N. Newman, Robert S.Sproull.**

Computer graphics - **Hearn & Backer.**

Procedural elements for computer graphics - **David F. Rogers.**Digital imaging techniques (Block I)

Digital Imaging techniques (Block II)

Digital image processing - **Gonzalez, Woods, Chanda,**

Digital image processing and analysis –**Majumdar**

Digital image processing and computing- **Schalkoff**

COMPUTER GRAPHICS LAB

LIST OF EXPERIMENTS

1. Introduction to computer graphics, scope and limitations.
2. CorelDraw, different facilities available, working in CorelDraw environment.
3. Introduction to illustrator-simple lines, stylish lines, drawing and filling of images, gradation tools, blenders pattern with a difference, filling rectangular and non rectangular shapes of pallets and colour, system matrices, justifying text and application of path finder's.
4. Introduction to Photoshop-how you can differentiate it from illustrator, different types of the formats, their compatibility to different software, introduction of tool box, uses of different filters, masking and working on images, creating a presentation using software.
5. Quark express: PageMaker up, formatting and editing in the software.
6. Flash: Introduction of 2-D animations, study of tool box, menu bar, how you can use them in your industry, how you can create different effects like moving on selected path, masking of images etc

BPPT-403

GRAVURE TECHNOLOGY

Note: The Examiners will set eight questions, taking two from each unit. The students are required to attempt five questions in all selecting at least one from each unit. All questions will carry equal marks.

Total Marks: 100

Theory Marks: 50

Practical:30

Internal Assessment: 20

Time: 3 Hrs. (for theory paper)

UNIT-I

Gravure: History of gravure, Gravure products and markets – Publication gravure – gravure packaging and converting – product gravure. Gravure Screens. Gravure cylinder preparation – Diffusion etch – Direct Transfer-Electromechanical process – Laser cutting. Electronic engraving systems today. Chemical engraving methods and equipments – cell configurations-advantages and disadvantages. Cylinder correction methods – Re-etching electro mechanical engravings, Colour balance etches, spot plating. Well formation – variables, basic types. Cylinder construction and preparation – Cylinder design, types. Balancing the cylinder. Copper plating and polishing, Reuse of cylinders.

UNIT-II

Gravure Doctor blade assembly – Blade angles. Blade distance from Nip, Blade edge, Blade mounting. Doctor Blade wear – Fatigue, Corrosion, Abrasive, Adhesive wear, Doctor blade materials, Doctor blade Holder configurations, Blade setting procedures, Preparing blade for use, Doctor blade problems. Gravure Impression Roller – function, Roller covering, Roller pressure, Cylinder diameter, Roller design & configuration. Balance-static & Dynamic. Roller setting. New developments. Storage of impression rollers. Impression roller problems. Impression mechanisms mechanical, Hydraulic, Pneumatic.

UNIT-III

Gravure Press and Its components: A generic printing unit. Sleeve & solid cylinder, single and two revolution, sheet fed and web fed machines, Typical press configurations. Gravure publication press-characteristics. Packaging Gravure Press – Folding carton Press. Flexible Packaging press, Label press. Product gravure. Other gravure press – Intaglio plate printing, offset gravure and flexogravure. Gravure with flexo units. Gravure units as other equipment. Gravure roller coating. Gravure folders – types. Gravure Ink Dryers – Need for ink dryers, Drying water based inks, Dryers functioning, Dryer limitations, supply air valves, balancing the dryer, filters & dampers, roller condition vital. Heat Sources – steam, electric and gas, combination gas/oil, thermic oil, waste heat from incinerators. Solvent Recovery Methods. Gravure cylinder preparation- basic construction, surface finishing, sleeve and integral shafting of cylinder, Electro-mechanical, electron beam & Laser engraving.

UNIT-IV

Gravure Substrates: Paper substrates-Rotone news papers, Coated papers, Gravure packaging paper substrates – properties. Label stock, Paper board. Non Paper substrates – surface preparation, plastics-properties. Metalized films – Aluminum foil, Foil laminations. Gravure advantages, limitations. Future of Gravure Printing Industry.

Recommended Books :

Gravure process and technology – GAA.

Printing Technology – Adams, Faux, Rieber.

GRAVURE TECHNOLOGY LAB.

LIST OF EXPERIMENTS

1. Study of various Gravure printing machine configurations.
2. Study of various components of a Gravure printing machine.
3. Pre-make ready in Gravure Printing Process.
4. Plate preparation/ Cylinder preparation.
5. Make-ready in Gravure Printing Process.
6. Study of feeding unit of a Sheet-fed/ Web-fed Gravure printing machine.
7. Single and Multi colour printing by using Gravure Printing Process.
8. Printing on different substrates by using Gravure Printing Process.
9. Study of delivery unit of a Sheet-fed/ Web-fed Gravure printing machine.
10. Cylinder setting in a Gravure printing machine.
11. Check the practical problems in a Gravure printing process.

WEB OFFSET TECHNOLOGY

Note: The Examiners will set eight questions, taking two from each unit. The students are required to attempt five questions in all selecting at least one from each unit. All questions will carry equal marks.

Total Marks: 100

Theory Marks: 50

Practical:30

Internal Assessment: 20

Time: 3 Hrs. (for theory paper)

UNIT - I

Development and growth of web offset press-

Full size and mini web press; four basic types of web offset press, Press specially used for newspaper and magazine production in single and multicolour, Factors to be considered for selecting the press.

Components of web offset press-

Infeed, tension control Pre-conditioners, drier and chill rolls, folders, sheeters and winders, Adjustment, operation and maintenance of the major components.

Inking systems and dampening systems for web offset-

Conventional and non-conventional dampening systems, UV inks and setting systems Causes and correction of ink-related problems, Properties and requirements of heat set inks.

UNIT - II

Web Control

Roll stands and automatic pasters, Detection of web breaks and control of tension, Web Flutter, causes and correction of misregister, Control of fan out, Sidelay, cut-off, web-to-web and ribbon control.

.Auxiliary equipment

Various types of in-built and optional equipment availability for web-offset and their uses; -Remote control console, Plate scanners, scanning densitometer, closed-loop system, web preconditioners, sheet cleaners, ink agitators, water coded ink oscillators, fountain solution recirculation systems, fountain solution mixers, refrigerating fountain solution, automatic blanket washers, side lay sensors, web break defectors, remoisturizers-liquid applicator system, roller applicators systems, antistatic devices, Imprinters, Perfectors, cutoff controls, straboscope, synchroscope, counters-Denex laser counter, stobb counter.

Web-paper ,Plate and blankets

Properties and requirements of paper used for web offset Printability, Care and handling of rolls. Various types used for web-offset, their characteristics, merits and demerits for specific work, Cylinder pressures and Printing Make-ready.

UNIT - III

Dry Offset

Dry-offset; advantages and disadvantages, Comparative study of dry offset, letterset and lithographic offset processes, difference between dry offset and letterset machines and inks job suitability. Description of the process, Method of producing image and non-image areas, Importance of the correct formulation of waterless lithographic inks.

UNIT - IV

Introduction to types of drives used in web offset machines

Brief introduction to control panels of the web offset machines.

Folders

Introduction, folding principles, parts of folder, combination folder, ribbon folder, double-former folder, the me-chanics of folding process of jaw fold, chopper fold mechanism. Operation of collect cylinder, press folders, double former prefolder, flow folders, insert folders.

Recommended Books :

Web offset press operating- **David B. Crouse** Offset M/c II - **C. S. Mishra** Manual for Lithography Press Operation - **A. S. Porter**

WEB OFFSET TECHNOLOGY- LAB

LIST OF EXPERIMENTS

1. Premake ready operations.
2. Make ready operations.
3. Multicolour job printing.
4. Trouble shooting during printing.
5. Study of electronic panel.
6. Blanket and plate cylinder setting.
7. Damping roller setting.
8. Inking roller setting.
9. Study of Web-breaks.
10. Operations of Folding machine.

BPPT-405(A)

APPLIED CHEMISTRY

Note: The Examiners will set eight questions, taking two from each unit. The students are required to attempt five questions in all selecting at least one from each unit. All questions will carry equal marks.

Total Marks: 100

Theory Marks: 50

Practical:30

Internal Assessment: 20

Time: 3 Hrs. (for theory paper)

UNIT-1

Thermodynamics - Second law, concept of Entropy, Entropy change for an ideal gas, free energy and work functions, Free energy change, Chemical Potential, Gibb's Helmholtz equation, Clausius - Clapeyron equation, Related numerical problems with above topics. Phase-Rule - Terminology, Derivation of Gibb's Phase Rule Equation, One Component System (H_2O System), Two Components systems, Eutectic system (Pb-Ag), system with congruent m.pt. (Zn-Mg), systems with incongruent m.pt. (Na-K), Applications of above Systems.

UNIT-2

Water & its treatment : Part I – Sources of water, impurities in water, hardness of water and its determination, units of hardness, alkalinity of water and its determination, Related numerical problems, scale and sludge formation (composition properties and methods of prevention). Water and its treatment : Part II – Treatment of water for domestic use, coagulation, sedimentation, filtration and disinfection, water softening, Ion-exchange process, mixed bed demineralisation, Desalination (reverse osmosis) (electro-dialysis).

UNIT-3

Corrosion and its prevention - Galvanic & concentration cell, Dry and wet corrosion, Electrochemical theory of corrosion, Galvanic corrosion, pitting corrosion, water-line corrosion, differential aeration corrosion, stress corrosion, factors affecting corrosion, Preventive measures (proper design, Cathodic protection, protective coatings). Lubrication and Lubricants-Friction, mechanism of lubrication, classification and properties of lubricants, Additives for lubricants, synthetic lubricants, Greases – Preparation & properties (consistency, drop point) and uses.

UNIT-4

Polymers and Polymerization-Organic polymers, polymerisation, various types of polymerisation, effect of structure on properties of polymers, preparation properties and technical applications of thermo-plastics (PVC,PVA), thermosets (PF,UF), and elastomers (SBR,GR-N), Silicones, Introduction to polymeric composites. Analytical methods; its needs and different methods; Spectroscopy; its definition and scope; salient features of spectrophotometer, brief introduction of titrimetric methods, Elementary discussion on flame photometry

REFERENCE BOOKS:

1. Engineering Chemistry, P.C. Jain, Monica Jain (Dhanpat Rai & Co.).
2. Chemistry in Engineering & Tech., Vol. I & II, Rajaram, Kuriacose (TMH).
3. Instrumental methods of Chemical Analysis, MERITT & WILLARD (East-West Press).
4. Physical Chemistry, P.W. Atkins (ELBS, Oxford Press).
5. Physical Chemistry, W.J. Moore (Orient-Longman).

CHEMISTRY LAB**LIST OF EXPERIMENTS**

1. Determination of Ca^{++} and Mg^{++} hardness of water using EDTA solution.
2. Determination of alkalinity of water sample.
3. Determination of dissolved oxygen (DO) in the given water sample.
4. To find the melting & eutectic point for two component system by using method of cooling curve.
5. Determination of viscosity of lubricant by Red Wood viscometer (No. 1 & No. 2).
6. To determine flash point & fire point of an oil by Pensky -Marten's flash point apparatus.
7. To prepare Phenol-formaldehyde and Urea formaldehyde resin.

Sales and Marketing

Note: The Examiners will set eight questions, taking two from each unit. The students are required to attempt five questions in all selecting at least one from each unit. All questions will carry equal marks.

Total Marks: 100
Theory Marks: 80
Internal Assessment: 20
Time: 3 Hrs. (for theory paper)

Unit I

Introduction

Introduction to Sales, Product, Price, Place, Promotion. Skills in selling hard skills, soft skills. Sales Process: Sales process overview Prospects & characteristics a good prospect Qualifying Placing presentation Objections Handling objections Closing sales

Unit II

Marketing

Marketing Concept, Nature, Functions & Importance; Selling vs. Marketing; Marketing Environment: Nature, Types & Strategies to deal with Internal & External (Micro& Macro) Marketing Environment; Ethical & Social Responsibilities of Marketing.

Unit III

Consumer Behaviour

Consumer Behaviour & its characteristics, Factors Influencing the Consumer Behaviour, Consumer Buying Process, Buying Motives, Consumer Markets in India, Models of Consumer Behaviour- Phenomenological models, Logical Models (short explanation with example of each), Theoretical model (Howard-Sheth Model)

Unit IV

Market Segmentation

Market Segmentation Concept, Importance and basis, Target Market Selection; Market Positioning: Concept & Importance, Market Repositioning; Product Differentiation vs. Market Segmentation; Contemporary issues in Marketing

SUGGESTED READINGS:

- Kotler “Marketing Management”, 8th Edition
- Kotler, Armstrong, Agnihotri, Haque- Principles of Marketing- South Asian Perspective (Pearson)
- Kotler,Keller,Koshy And Jha “ Marketing Management” 13th edition Pearson Education
- Ramaswamy VS, Namakumari “Marketing Management” 4thMacmillan
- Shukla A.K. “Marketing Management” 1stedition, VaibhavLaxmiPrakashan
- Evance&Berman “ Marketing Management”2007, Cenage Learning
- Mcdenial,Lamb,Hair “ Principles Of Marketing 2008”Cenage Learning
- William M. Pride and O.C Ferrell: Marketing; Houghton - Muffling Boston
- Stanton W.J. et al: Fundamentals of Marketing, McGraw H

BPPT-501

Binding and Finishing Technology

Note: The Examiners will set eight questions, taking two from each unit. The students are required to attempt five questions in all selecting at least one from each unit. All questions will carry equal marks.

Total Marks: 100

Theory Marks: 50

Practical:30

Internal Assessment: 20

Time: 3 Hrs. (for theory paper)

UNIT-I

Introduction to the terms 'Binding ' and 'Finishing'. List of major operations performed in binding and finishing Pre-forwarding, Forwarding, Finishing. Tools and equipment's used for binding, binder's aids and or marks. Material used in Binding and Finishing .Paper- British standard and ISO paper sizes. Multiples and subdivisions of a given size. Advantages and Limitations of different measurement standards. Units for number of paper- ream, quire, gross. Study of different types applications of board used in binding and finishing work. Securing materials-Thread, wire, tape, cord – Selection based on application, gauge of wire, thread strength, and cost. Covering materials- Binding cloth, Mull cloth, rexine, leather – grain direction, surface, Applications, cost. Study of properties and applications of different types of adhesives such as glue, paste, hot melt, PUR (polyurethane reactive)

UNIT-II

Structure Of A Book: Physical Parts Of a Hard Bound Book. Operations Of Ideal full Cloth Binding Production-Pre-Forwarding Operations, Forwarding Operations, Finishing Operations. Jogging, Counting, Cutting, Slitting, Trimming. Folding Binders Aids, Characteristics Of Printed Sheet, Planning Imposition, Folding Schemes. Hand Folding- Folding To Paper, Folding To Print, Lump Folding, Puckering, Advantages & Limitations Of Hand Folding. Machine Folding - Knife Principles, Buckle Principle, Combination Of Knife & Buckle. Folding & Machine Direction. Advancements & Developments On Folding Machine, Folding Machine Paper Feeders, Tips For Smoother Folding. Tipping - In/ Attachment Of Plates. Gathering - Single Sheet Gathering, Collating - Collating Marks. Insetting - Make Up Of Insetted Work. Inserting.

UNIT-III

Securing Methods:Wire Stitching - Saddle Sticking, Side Sticking, Stabbing. Thread Sewing - Letterpress Binding, & Stationery Binding. Saddle Sewing, Side/Flat Sewing, French Sewing, Sewing On Tapes, Sewing On Cords, Sewing Two Sections On, Whip Sewing, Stub-Binding. Adhesive Binding/Perfect Binding - Advantages. Quality Control In Adhesive Binding. Lay-Flat Adhesive Binding. Mechanical Binding – Loose Leaf Binding - Traditional Styles Used. Spiral Binding. Wire 'O' Binding, Plastic Comb Binding. Case Binding. -Stages In Sheet Fed, Stages In Reel Fed, Case Making, Stages in casing-in. Ring Binding - Inter Screw, Ring Metal - Types, Loose Leaf Ring Binding. Ring Shapes. Burst Binding, On Demand Booklet Binding. Preflight In The Bindery. Publishers Binding. Magazine Binding & Book Binding.

End Papers: Purposes, Kinds of end Papers, Quality of Paper Required for Pasting End Papers. Pressing, Gluing The Spine, Smashing the Spine, trimming the Book Edges, Rounding- Advantages, Rounding M/C. Backing - Backing M/C. Lining - Advantages. Head-Tail Bands, Caps, Book Marker. Method Of Attaching Head & Tail Bands. Covering - Covering Styles. Pasting Down, Pressing, Inspection.

UNIT-IV

Finishing Operations:

Cover Decoration & Other Processes. Print Finishing Operations - Embossing & Debossing, Blind Embossing, Gold Blocking /Foil Stamping. Die Printing. Thermography, Velvet Printing, Marbling, Varnishing, Graining, Laminating, Gumming, Gluing, Punching, Perforating, Drilling. Label Punching, Appliqué. Edge Decoration - Requirement, Colouring. The Edges, Marbling Edges, Edge Gilding. Round Corner Cutting. Laminating, Blocking, Numbering, Perforation, Creasing, Die cutting, Edge decoration, Index cutting, Foil stamping, graining, varnishing.

Binding & Finishing Machines:

Study of Various Modern Machines. Modern Guillotines – Single Knife Guillotines. Three Knife Trimmers. Knife Grinding M/C. Gold Blocking/Foil Stamping M/C. Wire Stitching M/C. Straw Board Cutter. Laminating M/C – Small Laminating M/C. Pouch Laminating M/C. Tunnel Laminating M/C. Tipping M/C. Smashing M/C. Back Gluing M/C. Roller Gliding M/C. Inline Rounding M/C. Lining M/C. Modern Lining M/C. Cloth Cutting M/C. Foil Blocking M/C. Rotary Blocking M/C. Casing In M/C. Case Making M/C. Box Waste Disposal Process. Adhesive binding machine.

Recommended Books :-

Binding And Finishing - Ralph Lyman Binding And Finishing Part-1 - B.D.Mendiratta

Binding Finishing Mailing - T.J.Tedesco Introduction to Printing & Finishing - Hugh Speirs

Finishing Process in Printing - A.G.Martin.

BINDING AND FINISHING TECHNOLOGY LAB.

LIST OF EXPERIMENTS

1. Preparation of Quarter, Half and Full bound books using, French sewing method / Tape sewing method / Cord sewing method / Saddle sewing method / Side sewing meth
2. Preparation of Writing board.
3. Preparation of Receipt books with numbers in duplicate
4. Preparation of following type of Mechanical binding - Spiral wire binding, Wire 'O' binding, Ring binding.
5. Preparation of these types of End papers - Single End paper, Double or Inserted End paper, Made end paper, Cloth joint end paper, Zig Zag end paper, Cloth joint Zig Zag end paper.
6. Preparation of telephone directory with Indexes and Tabs.
7. Study of various controls, operations and mechanisms of the following machines: Folding machine, Guillotine machine, Cutter and Creaser, Varnishing machine, Laminating machine, Sewing & Stitching machine, Miscellaneous machine.
8. Print finishing operation to be conducted - Gold blocking, Embossing, Edge decoration, Thermography, Marbling, Velvet printing, Rubber printing, Die printing, Pouch lamination

Note: The Examiners will set eight questions, taking two from each unit. The students are required to attempt five questions in all selecting at least one from each unit. All questions will carry equal marks.

Total Marks: 100

Theory Marks: 80

Internal Assessment: 20

Time: 3 Hrs. (for theory paper)

UNIT -I

Colloids :Characteristics, Proportion, application in Printing Industry.

Theory of Electro deposition, Printing equipments, factors affecting nature of Electrodeposit, chromium Plating, Anodising of metal.

Introduction to Organic compounds, Carbon compound, Aromatic compound Diazo compound, Organic Solvents with specific name used in printing Science mainly.

UNIT -II

Introduction of Photo chemistry

Humidity - Relative humidity, measurement, control by air conditioning.

Surface characteristics in printing - Surface tension, contact angles, capillary action, interfacial tension, measurement of contact angle, Hydrophobic and hydrophilic, surface water and ink interaction.

pH : pH colorimetric method of determining pH; method of determining pH, pH of paper, ink, pH application in Printing.

UNIT -III

Photometry – Introduction, solid angle, definitions of luminous flux, luminous intensity, illumination power, intensity of illumination of a surface, brightness or luminance of a surface, laws of illumination - inverse square law and Lambert's cosine law, types of photometers, photovoltaic photometer.

UNIT -IV

Optical Instruments – Photographic cameras, Depth of Focus, Telephoto Lens, Visual Angle, Angular Magnification, Magnifying Glass, Simple Microscope, Reflection, Transmission, Opacity, Density, Introduction to Densitometer and its types.

Effect of light :different plate and film coatings, adhesives & Ink -films, Light fastness and print characteristics. Introduction and brief study of process cameras, contact printer and safe light and process chemicals.

RECOMMENDED BOOKS :

1. Optics by BrijLal and Subrahmaniam
2. Optics by Ajay Ghatak
3. Engineering Chemistry by Jain and Jain

BOOK AND NEWSPAPER PUBLISHING

Note: The Examiners will set eight questions, taking two from each unit. The students are required to attempt five questions in all selecting at least one from each unit. All questions will carry equal marks.

Total Marks: 100
Theory Marks: 50
Practical:30
Internal Assessment: 20
Time: 3 Hrs. (for theory paper)

UNIT-I

Book Publishing -Introduction, Parts of a book, Basic steps in book publishing, Areas of publishing - general publishing, educational publishing, professional publishing and reference publishing, Editorial organization, the role of commissioning editor, the desk editor, Relationship of the Editor with the manuscript, Types of agreement between author and the publishers.

UNIT-II

Technical aspects of production from receipt of manuscript to completion of book, Work flow and organizational structure in a commercial printing press., Management- The production manager, The marketing manager, Financial Manager, Advertisement departments, International book trade and barriers. Subsidy in the Publication of Books, Importance and need of subsidy, Procedure of getting subsidy.

UNIT-III

Introduction to Newspaper organization - Sources of news, printing of newspaper, Elements in design, Editorial organization, The role of copy editors, city editors, news editors, editorial cartoonist, artists, Sunday editors, sports editor, business editor, journalist & reporters, Information to a printer by editor.

UNIT-IV

Distribution channels, Types of distribution channels, Work flow and organizational structure in a newspaper printing press. The various type of layout, Functions of headlines, kickers, and blurbs, Graphics/diagrams and illustrations and their importance.

Recommended Books : News Reporting and writing - Melvin Mecher The Journalist; Handbook - M. V. Kamath Editing; A Handbook for Journalists - TJS George Editing; A Handbook for Journalists - TJS George, Indian Institute of Mass communication, Delhi. Telling Stories, Taking Risks - Klement/Mataline Journalism in India - R. Parthasarathy Headlines and Deadlines - Baskette, Floyd

BOOK AND NEWSPAPER PUBLISHING- LAB.

LIST OF EXPERIMENTS

1. Introduction to type of Web Presses as per the configuration & end products.
2. Study of various printing machine units & their setting.
3. Study of various pre-make ready operations.
4. Preparation of a multi-colour book cover page
5. Study of various make-ready operations.
6. Printing single & multicolour jobs.
7. Introduction to Digital presses & their working.

PACKAGING MACHINERY LOGISTIC AND REGULATIONS

Note: The Examiners will set eight questions, taking two from each unit. The students are required to attempt five questions in all selecting at least one from each unit. All questions will carry equal marks.

Total Marks: 100
Theory Marks: 50
Practical:30
Internal Assessment: 20
Time: 3 Hrs. (for theory paper)

UNIT-I

Packaging Machinery: Study of special packages and machines for Aerosols, easy opening device, carry home packs, Strip, Shrink, Blister, Skin, Stretch packaging, Cartons, pouch, Controlled Atmosphere(CAP), Modified Atmosphere(MAP) and Aseptic packaging system Filling of Dry and Liquid Products, Filling of carbonated , Liquids and other Packaging techniques, Labeling and Thermoforming.

UNIT-II

Packaging Laws and Regulations

Standards and standardization, Quality Standards

Standards for packaging material - rigid, non-rigid, and ancillary material.

Standards for export packages-labeling and marketing regulations.

Packaging quality control criteria.

Sampling, variables and attributes, AQL

Implication of ISO-9000.

Eco packaging and regulation.

Recycling and disposal of packaging waste.

Packaging Laws and regulations- legal requirements

Weights and measure/ Packaged Commodities Act and Regulations

Prevention of Food Adulteration (PFA) Act

FPO, FDA Rules and other related regulations

UN certificate code for packaging of Dangerous goods

UNIT-III

Advance Package Printing: Advance Printing Processes used in special products and its packaging, Advance non impact printing technique for printing on regular as well as irregular shape packages. Composition of printing and ink transfer media, use of special papers and inks, Security applications, Holography and hologram stickers.

UNIT-IV

Logistics and Physical Distribution

Physical distribution and material handling methods.

Handling and transportation.

Unit load system.

Palletisation: Skids and pallets – Principles, construction and application.

Conveyer: Loading and unloading and other mechanical handling application.

Recommended Books:

Packaging design and performance - **Frank Paine**

Advances in plastic packaging technology - **John Briston**.

Packaging design an introduction - **Laszlo Roth**.

Packaging Technology - Volume I,II,III - IIP

PACKAGING MACHINERY LOGISTIC AND REGULATIONS

LIST OF EXPERIMENTS

1. Operation and study of Aerosol, Strip, Blister, Packaging
2. Operations of the filling dry and liquid products.
3. Study of the recycling and disposal of packaging waste
4. Preparation of the regular as level as irregular shop packages
5. Study of how to print the holography and photograph strikers
6. Study the palletisation
7. Study of the loading and unloading process of the package

BPPT-505

QUALITY CONTROL IN PRINTING AND PACKAGING

Note: The Examiners will set eight questions, taking two from each unit. The students are required to attempt five questions in all selecting at least one from each unit. All questions will carry equal marks.

Total Marks: 100
Theory Marks: 50
Practical: 30
Internal Assessment: 20
Time: 3 Hrs. (for theory paper)

UNIT-I

Introduction: Definition of Quality, Quality control, its meaning and purpose setting up a Quality Control Programme, and establishing necessary System and procedures, economic consideration.

UNIT-II

Management Consideration: Quality Control as an attitude and management tool, management's responsibility, organization and personnel functions, getting everybody involved. Total Quality Control. Quality Control procedures and methods. Different shapes of quality control.

UNIT-III

Materials Control: Establishing clear specifications and standardization of materials to be purchased - particularly paper, ink, plates, blankets and rollers, Inspection and testing of incoming materials as part of quality control; importance of proper handling and maintaining records of performance of materials Sampling and sampling plans.

Establishing Quality control programme in different departments of Printing organization.

UNIT-IV

Quality Control Instrumentation: Paper and paper board testing instruments for testing printability, print quality and end-use requirements, Ink testing instruments for testing optical and working properties and end-use requirements Process control instruments, devices and aids used in the galley and dark-room, striping department, plateroom and press room for specific processes and for general purposes Press sheet control devices used for production of multicolour printing jobs Basic principles of these instruments and devices how they function and what they measure, minimum instrumentation necessary to produce a product consistent with the appropriate quality level.

6. Introduction to ISO:9000 and ISO:14000 series.

Recommended Books:

1. W.H. Banks, Inks, Plates and Print Quality, Pergamon Press
2. Quality Control for quality printing, Graphic Arts, Technical Foundations.

QUALITY CONTROL LAB.

LIST OF EXPERIMENTS

1. Paper testing checking grain direction.
2. Tensile strength of paper, burst strength of paper.
3. Substance, caliper, porosity test, cobb sizing value test.
4. Tearing testing of paper, brightness test of paper.
5. Operating test, gloss test, lighting color filter sensor.
6. G.S.M.testing, folding endurance.
7. Moisture contents test, ash contents test.
8. Hot air oven tester, absorbing test.
9. Pick strength, humidity control test, room temp testing.
10. Ink film thickness test.
11. Investigation of pigment properties.
12. Investigation of solvent properties.
13. Measurement of viscosity, tack measurement.
14. Test a printed sheet - proof printing and measurement of colour using spectro photometer, resistance testing of prints.
15. Measurement of ink film thickness

DIGITAL PRINTING

Note: The Examiners will set eight questions, taking two from each unit. The students are required to attempt five questions in all selecting at least one from each unit. All questions will carry equal marks.

Total Marks: 100

Theory Marks: 50

Practical: 30

Internal Assessment: 20

Time: 3 Hrs. (for theory paper)

UNIT I

PRINCIPLES AND BASIC COMPONENTS -Variable Data Printing; Print on Demand; Evolution – Computer to Press, Computer to Print; Non-Impact Printing Technologies - Overview, Process characteristics, economics, job suitability; Computer to Print systems – Digital Front End, Components, Architecture, Inline Print Finishing; ISO Standards

UNIT II

ELECTROPHOTOGRAPHY, IONOGRAPHY & MAGNETOGRAPHY - Principle of Electrophotography, Imaging Systems, Inking Unit (Developing Unit) and Toner Fixing and Cleaning, Conception of the Printing Unit, Ionography, Printing Unit, Imaging System and the Principle of Ionography, Printing Unit Concepts and Printing Systems based on Ionography; Principle of Magnetography, Imaging System for Magnetography, Examples of Applications/Printing Systems

UNIT III

INK JET & NANOGRAPHIC PRINTING - Overview of Ink Jet Technologies and Processes, Continuous Ink Jet, Drop on Demand Ink Jet Technologies, Structure of Ink Jet Arrays, Printing Systems based on Ink Jet Technology for Multicolour Printing (Selection); Nanographic printing – Principle, Inks, Press configuration; **UNIT IV THERMOGRAPHY AND ELECTROGRAPHY** 9 Overview of Thermography, Technologies, Thermal Transfer Printing Systems, Thermal Sublimation Printing Systems, Electrography, Photography, “X”-Graphy, TonerJet Printing Technology, Elcography, Direct Imaging Printing Technology, Assessment of New Types of NIP Technologies.

UNIT V

Networking: Networks for printing. Networks for publishing. Networks for Inhouse. WAN (Wide Area Networks). **APPLICATIONS** -Hybrid Printing Systems – Configuration, Integration, Applications; Printed Electronics, Photography, Coding, Display and Signages, Textiles, Security Printing – Inks, Substrates, Digital Press configurations, Major manufacturers;

Recommended Books :

Digital Printing -

On Demand Printing - Howard M. Fenten, Frank J. Romano

TEXT BOOKS: 1. Harald Johnson, Mastering Digital Printing, Cengage Learning PTR; 2 edition, 2004 2. Mitchell Rosen, Noboru Ohta, Colour Desktop Printer Technology, CRC Press, 2006

REFERENCE: 1. Helmut Kipphan, Handbook of Print Media, Springer Verlag, 2001

DIGITAL PRINTING LAB

LIST OF EXPERIMENTS

- 1) Colour Reproduction
- 2) File format TIFF, EPS, JPEG converting
- 3) Study of various output printing equipments
- 4) Page layout
- 5) Page formation
- 6) Digital work flow
- 7) Work flow for on demand printing

SECURITY PRINTING

Note: The Examiners will set eight questions, taking two from each unit. The students are required to attempt five questions in all selecting at least one from each unit. All questions will carry equal marks.

Total Marks: 100

Theory Marks: 50

Practical: 30

Internal Assessment: 20

Time: 3 Hrs. (for theory paper)

Unit-I

Introduction:

Security Printing its definition and requirement, currency printing, Introduction to Security Printing, Optical document security, importance of security printing of bank note papers and boards, passports and government documents. UV visible Printing, rainbow printing, micro lines, guilloches, numbering, Line-printing, stamp embossing, hot-foil-embossing, embossing / punching, fibers, hologram, solvent colour, multi colour UV-fluorescence stitching thread, holographic foil or lamination of a page, Digital Watermark.

Unit-II

Inks and Brand Security Inks:

Invisible inks, Specialist security printers inks; such as thermo chromic, UV fluorescing, water fugitive, solvent sensitive inks, combifuge, photo chromic, Fluorescent Inks, Watermarks, Testing, Deterrent measures Brand Security: First line inspection of documents using optical elements such as Holograms, optical variable graphics, diffraction structures, liquid crystal materials, optical security in laminates etc., invisible document security and Brand protection.

Unit-III

Security Products:

Credit Cards, Smart cards, club cards, credit / debit cards, Plastic ID cards, Water mark cards, RFID technology, Bar codes, Printers used for bar codes, Cheques and their value documents, MICR/OCR/Cheque printing technology Counterfeit, fraud prevention, Cheque fraud prevention, method and arrangement for processing negotiable instruments.

Unit-IV

Applications

Security design and processes for various print products: Barcodes, Holograms, cheque printing- MICR cheques and Reserve Bank of India (RBI) specifications, finishing, paper specifications- Manufacturing process of – Bank Notes – Business forms – Certificates Passports – Packaging - Card printing. Different types of machines used for producing various security products. Recent trends and developments in security printing.

Recommended Books :

Forms for the 80's. How to design and produce them - Gar Raines.

TEXT BOOKS: 1. Richard D. Warner, Richard M. Adams, "Introduction to Security Printing", PIA/GATF Press, 2005 REFERENCES: 1. A.S. Bhaskar Raj, Barcode Technology and Implementation, McGraw Hill, 2007. 2. Developments in Security Labels and Tags, Rudie Lion, Pria International Ltd. 3. Martin Monestics, The Art of Paper Currency, Quarlet Books Ltd.,1983.

Stochastic Screening - Kelvin Tritton.

SECURITY PRINTING LAB

LIST OF EXPERIMENTS

1. Study of hot-foil-embossing, embossing , punching,
2. Study of various security inks
3. Collection of various security papers.
4. Holograms printing
5. Security features of currency and bank cheque
6. Structural design of Barcodes,

COSTING AND ESTIMATING

Note: The Examiners will set eight questions, taking two from each unit. The students are required to attempt five questions in all selecting at least one from each unit. All questions will carry equal marks.

Total Marks: 100
Theory Marks: 80
Internal Assessment: 20
Time: 3 Hrs. (for theory paper)

UNIT-I

Printing Company Organization:

Printing management, principles, functions, Organizational criteria, Skills requirements, Types of business, Printing company management structures, Management team responsibilities, Business plan, Management styles, Management decisions, Communications, Print marketing and sales - marketing, sales.

UNIT-II

Human Resource Management Concepts:

HRM for printing, employment policy, evaluation of skills requirements for printing occupations, recruitment, job evaluation, staff appraisal, motivation training, human resources factors that limit productivity, staff flexibility. Manning and training requirements, States of industry, Analysis and development of human resources strategy. Management personal skills and development, job satisfaction through involvement.

UNIT-III

Estimating:

Purpose and functions of estimating from printer point of view & customers point of view. Difference between costing & estimating. Qualifications of an estimator, working environment, estimators tools, estimating paper - selection of paper, allowance for waste, allowance for trimming, weight of loose sheets, weight of a reel of paper. Estimating Ink - Ink consumption formula, Ink allowance for spoilage. Estimating binding materials - Board requirement, estimating covering materials, estimating sewing thread, estimating stitching wire, estimating adhesives. Terms and conditions-approved by AIFMD. Estimate Form and Computer Aided Estimating.

UNIT-IV

Costing:

Job costing, its need and procedures. Elements of cost and their method of recovery. Cost sheet. Daily Docket. Work Instruction Ticket and their importance in costing.

Recommended Books :

Principles of Accounting - B. S. Raman

Fundamentals of Financial Management - Prasanna Chandra.

Cost Accounting - B. R. Bhar

Print Management - Derek Porter

Printer's Costing & Estimating - B. D. Mendiratta

Management Aspect of Printing Industry - T. A. Saifuddin.

Estimating Methods and Cost Analysis for Printers - K. S. Venkataraman, K. S. Balaraman.

Printing Estimating Principle & Practice - Philip Kent Ruggles

Print Production Management - Gray G. Field

Principles of Applied Costing for Printing Industry - K. S. Venkataraman.

MANAGEMENT AND ENTREPRENEURSHIP

Note: The Examiners will set eight questions, taking two from each unit. The students are required to attempt five questions in all selecting at least one from each unit. All questions will carry equal marks.

Total Marks: 100
Theory Marks: 80
Internal Assessment: 20
Time: 3 Hrs. (for theory paper)

UNIT-I

Printing Industry in India, Management – Nature of Management, Functions of Management, Production and operations Management – Locations and Layout of plant, Advertising, Maintenance management, Total quality management (TQM), Marketing management – Marketing and its functions,

UNIT-II

Human resource management: Manpower planning – recruitment, selection, Training performance, appraisal Wage and salary administration, Financial Management, Nature, Scope objectives and functions of Financial Management, Work flow and organizational structure in a printing press. Depreciation - Introduction to different methods and their comparison.

UNIT-III

Entrepreneurship - Recognition of the need for entrepreneurship, Significance of entrepreneur in Economic Development, Scope and trends of small enterprises, Types of small enterprises, Selection of a potential entrepreneur, Business Planning Process: Good business plan requirement, Methods and Procedures to start and expand one's own business, life cycle of new business,

UNIT-III

Forms of Ownership- Different forms of ownership- sole proprietorship, partnership, joint stock company, Selling, Selling your venture, Responsibility of a good employer, Risk management, Govt. support to new enterprise, Entrepreneurship Development Centre, Entrepreneurship development programmes.

Recommended Books : Entrepreneurship Development - Colombo Plan Staff College for Technician Education. Entrepreneurship Development & Management - Jose Paul, N. AjithKumar. Entrepreneurship Development Programmes & Practices - Jasmer Singh Saini.

Recommended Books :- 1. T.A. Saifuddin – Management aspects of printing industry by NirmalSadanadn Publishers, Mumbai, 1st edition. 2. G.G. Field- Printing Production Management by Graphic Arts Publishing, 1996. 3. Balaraman – PMCA by Ramaya Features & publications, 1987.

BPPT-605

MAJOR PROJECT

Note: Project/Report to be evaluated by a panel of three examiners to be appointed by the Director of the Institute and it is to be submitted to the Institute by the student 20 days prior to the theory examination of the semester in which the Project/Report is supposed to be submitted.

Total Marks: 100

**Syllabus and Scheme of Examination for B.A, BTM Program
BCA, B.Sc., Under Choice based credit system
Structure of B.A., BTM Program under CBCS**

Programme Outcomes (PO) of Bachelor of Arts (General) CBCS Programmes/Courses in the Institute of Integrated and Honours Studies, Kurukshetra University, Kurukshetra

PO 1: Demonstrate a detailed knowledge and understanding of selected fields of study in core disciplines in the humanities, social sciences and languages;

PO 2: Apply critical and analytical skills and methods to the identification and resolution of problems within complex changing social contexts.

PO 3: Demonstrate a general understanding of the concepts and principles of selected areas of study outside core disciplines of the humanities, social sciences and languages;

PO 4: Apply an independent approach to knowledge that uses rigorous methods of inquiry and appropriate theories;

PO 5: Articulate the relationship between diverse forms of knowledge and the social, historical and cultural contexts that produced them;

PO 6: Communicate effectively and show ability to read, write, listen to and speak in a chosen language/s with fluency;

PO 7: Act as informed and critically discerning participants within the community of scholars, as citizens and in the work force;

PO 8: Work with independence, self-reflection and creativity to meet goals and challenges in the workplace and personal life.

Programme Specific Outcomes (PSOs)

Upon completion students of BA, BTM (English) will be able to:

1. Create social awareness with regard to society and culture.
2. Communicate in English language with proper knowledge of the language.
3. Evaluate teaching learning process through various teaching aids.
4. Respond to the fecundity of imagination and verisimilitude of life which constitute the cognitive and rational response to society.

Syllabus and Scheme of Examination for B.A, BTM Program
Under Choice based credit system
Structure of B.A., BTM Program under CBCS

Semester	Core course (CC)@6credits	Ability enhancement compulsory course (AECC)@2credits	Skill Enhancement Course (SEC)@2 credits	Discipline Specific Course (DSE)@6cr redits	Generic Elective (GE)@6c redits
I	CC-1A(English) CC-2A (Hindi) CC-3A (Elective subject-1) CC-4A (Elective subject-2)	(English/MIL communication)/ Environmental Studies			
II	CC-1B(English) CC-2B ((Hindi) CC-3B (Elective subject-1) CC-4B (Elective subject-2)	(English/MIL communication)/ Environmental Studies			
III	CC-1C(English) CC-2C (Hindi) CC-3C (Elective subject-1) CC-4C (Elective subject-2)		SEC-1 Computer Science LEVEL-1/Personality Development/MOOC		
IV	CC-1D(English) CC-2D (Hindi) CC-3D (Elective subject-1) CC-4D (Elective subject-2)		SEC-2 Computer Science LEVEL-1/Personality Development/MOOC		
V			SEC-3 (Elective subject-1/ Elective subject--2)	DSE-1A DSE-2A	GE-1
VI			SEC-4 (Elective subject-1/ Elective subject--2)	DSE-1B DSE-2B	GE-2

AECC will be offered according to the time table adjustments in the institute/College.

*MOOC Course from Swayam portal

**In SEC, One to be chosen from each of the opted subject in 5th and 6th semester according to the time table adjustments in the institute/College.

*** Options in Generic courses will be offered depending upon the availability of faculty/ Infrastructure in the Institute.

GE Course can be English/Hindi/subject other than DSE1 and DSE2as offered by the institutedeveloping upon the availability of faculty/ Infrastructure in the Institute.

General instructions:

1. One credit equivalent to 1 hour of teaching/2 hours of Practical work
2. One credit (theory /Practical) equivalent to 25 marks
3. Teaching workload will be calculated on the basis of teaching contact hours of the course

Total credit hours for BA (General)

Course	Number of courses	Credits
CoreCourse(CC)	16	96
Ability Enhancement Compulsory Course (AECC)	2	4
SkillEnhancement Course (SEC)	4	8
DisciplineSpecificElectiveCourse (DSE)	4	24
Generic Course (GE)	2	12
Total	28	144

Scheme of Examination of BA/BTM Programme
(w.e.f. Session 2020-21) in phased manner
ENGLISH (Core Course)
Semester-1

Course Code	Subject Name	Course Type	Credits	Composition per week	Teaching hours per week	Internal Marks	External Marks	Total Marks	Duration of Exam(hours)
B-ENG101	English Comp.	Core	6	1	5	30	120	150	Three (3)

Semester-II

Course Code	Subject Name	Course type	Credits	Composition per week (NC)	Teaching hours per week	Internal Marks	External Marks	Total Marks	Duration of Exam(hours)
B-ENG 201	English	Core	6	1	5	30	120	150	Three (3)
AECC 100	English communication	AEC C-2	2	1	2	10	40	50	Two (2)

Semester III

Course Code	Subject Name	Course type	Credits	Composition per week (NC)	Teaching hours per week	Internal Marks	External Marks	Total Marks	Duration of Exam(hours)
B-ENG 301	English	Core	6	1	5	30	120	150	Three (3)
PD 100	Personality Development	SEC-2	2	1	2	10	40	50	Two (2)

Semester-IV

Course Code	Subject Name	Course type	Credits	Composition per week (NC)	Contact hours per week	Internal Marks	External Marks	Total Marks	Duration of Exam(hours)
B-ENG 401	English	Core	6	1	5	30	120	150	Three (3)

B.A. Part 1(ENGLISH-CORE)

Semester I

CC B-ENG-101

(Session 2020-21)

OBJECTIVES-

The course intends to enable the students to understand the basics of grammar and usage. It has been designed to enrich the cognitive fecundity through verbal and non-verbal communication. It also seeks to enable the students to appreciate the poetic compositions. The use of poetic devices will enthuse and enlighten the learning minds to extol the beauty of composition. It will enable the students to understand the intricacies of language and literature.

Course Outcomes

After the successful completion of the course the student will be able to-

1. understand the basics of grammar.
2. understand the difference of Received Pronunciation (RP) and Indian English.
3. grasp and recognize the phonetic symbols.
4. comprehend poetry and its different forms.
5. use tenses through different modules.

Semester-I, Compulsory English

Course Code- B-ENG 101

Credits-6

Total Marks- 150

External Exam Marks- 120

Internal Assessment- 30

Time- 3 Hrs.

Prescribed Text: *Language and Literature I (Short stories)(To be edited)*

The following short stories are prescribed:

Name of the writer

1. Leo Tolstoy
2. Anton Chekhov
3. Rabindra Nath Tagore
4. O' Henry
5. Ruskin Bond
6. Munshi Prem Chand
7. Mulk Raj Anand
8. Anita Desai
9. Shashi Deshpande

Name of the story

God Sees the Truth but Waits
Grief
The Cabuliwalla
The Last Leaf
The King and the Tree Goddess
Child
The Gold Watch
Pigeons at Daybreak
The Beloved Charioteer

Grammar and Composition

1. Noun: Types of nouns
2. Pronouns: Reflective, Personal, Demonstrative, Relative, Possessive
3. Adjective: Kinds and Comparison
4. Adverb: Position
5. Tenses
6. Verb: Kinds- Main, Auxiliary; Transitive, Intransitive
7. Conjunction
8. Phonetics: Symbols, Organs of speech, Transcription
9. Paragraph writing

Scheme of Examination:

Workload: 5 hours for teaching theory/text and 1 hour for composition / grammar for a group of 20 (Twenty) students.

Prescribed Text – *Language and Literature I (Short Stories) (To be edited)*

Instructions for the Paper Setter and the Students:

Note: All questions are compulsory. Marks have been indicated after each question.

Q.1 This question will be based on phonetic transcription of one/two syllabic words taken from the prescribed text. The students shall transcribe fifteen words out of given twenty.

(For blind Candidates only): - Word meaning of the words from the prescribed text. Students will be required to give meaning of any fifteen words out of given twenty. (15)

Q.2 This question will be short answer type based on the text book. The students shall answer any five out of the given seven short questions (in about 30 words each). (15)

Q.3 This question will be designed to assess the understanding of the text by the students. The students shall answer any five out of the given eight questions based on text (in about 100 words each). (25)

Q.4 This question will be based on a comprehension passage from the text followed by six questions. (12)

Q.5 This question will be based on vocabulary from the text. The students shall attempt questions on vocabulary as directed. (e.g. framing sentences of their own or giving various forms of the given words, synonyms, antonyms, one-word substitutes). The students shall answer any ten out of the given fifteen words. (10)

Q.6 This question will be based on grammar. It will consist of two parts:

(a) This part will be based on the use of tenses. The students shall attempt fifteen out of eighteen questions. (15)

(b) This will be based on parts of the speech. The students shall attempt fifteen out of eighteen questions. (15)

Q.7 The students shall write one paragraph (in about 200 words) on any one of the four topics given. (13)

B.A. Part I(ENGLISH-CORE)

Semester II

Course Code- B-ENG 201

(Session 2020-21)

Course outcomes:

1. Will be able to differentiate between poetry and prose.
2. Perusal of short stories and essays will enrich their knowledge of tradition and culture.
3. Components of grammar like Preposition, Article, Subject-verb agreement will provide close understanding of grammatical parameters
4. Able to transcribe two/ three syllabled words.

Credits-6

Total Marks- 150

External Exam Marks- 120

Internal Assessment- 30

Time- 3 Hrs.

Text Book:*Language and Literature II (Essays)(To be edited)*

- | | | |
|----------------------|---|-------------------------------------|
| 1. Charles Lamb | : | Dream Children: A Reverie |
| 2. E. M. Forster | : | Tolerance |
| 3. Louis Fischer | : | Gandhi and the Western World |
| 4. Nirad C. Chaudari | : | Public Transport in London |
| 5. R. K. Narayan | : | Toasted English |
| 6. Nirmal Verma | : | Language and National Identity |
| 7. APJ Abdul Kalam | : | Great Books Born out of Great Minds |
| 8. G. B. Shaw | : | Spoken English and Broken English |

Grammar and Composition

1. Sentences: Types
2. Modals
3. Subject-verb agreement
4. Voice
5. Narration
6. Phrasal Verbs
7. Punctuation
8. Transcription
9. Letter writing

Prescribed Text: *English Language and Literature II* (To be edited)

Workload: 5 hours for teaching theory/text and 1 hour for composition / grammar for a group of 20(Twenty) students.

Scheme of Examination:

Note: All questions are compulsory.

Q.No.1 (a) Transcription of one/two syllabic words taken from the prescribed text. Students will be required to transcribe any ten out of the given fifteen words.

(For blind Candidates only): - Word meaning of the words from the prescribed text. Students will be required to give meaning of any ten words out of given fifteen words. (10)

(b) Students will be required to give antonyms as well as synonyms of any ten out of the given fifteen words. (10)

Q.2 Very short answer type text-based questions: Students will be required to answer any six out of the given eight questions in about 50 words each. (18)

Q.3 Long answer type questions based on the text: Students will be required to attempt on any three out of the given six questions in about 150-200 words each. (30)

Q.4(a) Grammar: This question will be based on the grammar topics given in the syllabus. Students will be required to attempt any twenty-five out of the given thirty. (25)

(b) Do as directed (Topics based on the following grammar topics covered in Semester-I: Article, Prepositions, Adverbs, adjectives & Conjunctions). Students will be required to attempt any fifteen out of the given twenty. (15)

Q.5 Composition: Students will be required to write a letter (formal/ informal) out of the given two. (12)

SEMESTER I
Ability Enhancement Compulsory Course
English Communication
Course Code- AECC 100

Session 2020-21

Course Objectives

The paper is designed to enhance proficiency in English language. It seeks to develop the basics of English language through different modules. Each unit will enable and capacitate the learner to have the communication competence which is required in the present-day world. The basic knowledge of communication in English will enable the learners to share and enliven ideas, experiences and know-how ubiquitous in the world.

Credits-2

Total Marks- 50

External Exam Marks-40

Internal Assessment- 10

Time- 2 Hrs.

Course Outcomes:

1. The students will learn the rhetorics of presentation.
2. They will learn to comment and respond to correspondence.
3. They will learn the basics of grammar and composition.
4. They will be acquainted with verbal and non-verbal communication.

UNIT – I Listening and Speaking Skills

1. Listening Skills (Active-Passive, Accent)
2. Speaking Skills (Stress, Intonation, Assertion, Rhetorical questions)
3. Oral Presentation, Debates, Elocution and Extempore

UNIT – II Writing Skills

1. Report writing
2. Paragraph writing
3. Letter writing

UNIT – III Technical and Modern Communication

1. Resume writing
2. Email
3. Blogs and Comments on Social Media

UNIT- IV Grammar

1. Common errors in the use of English
(Noun, Pronoun, Adjective, Adverb, Conjunction)
2. Correct use of verbs and Articles
3. Vocabulary: Homonyms, Homophones, Pair of words

Text Prescribed: English Language (To be edited)

**Workload: 1 hours for teaching theory/text and 1 hour for composition / grammar
for group of 20 (Twenty) students.**

Scheme of Examination:

Note: All questions are compulsory.

Q. 1. The paper setter will set two question from Unit II. The student shall attempt one out of the given two. (10)

Q. 2 This question shall be based on unit III. The student shall attempt one questionout of two. (10)

Q. 3 There will be 25 grammatical items based on unit IV. The student shall attempt any 20 items. (20)

Note: Internal Assessment: The student shall be required to make a presentation/PPT based on unit I.

B.A. PART II (ENGLISH-CORE)

Semester III

Course Code- B-ENG 301

Session 2021-22

Course Outcomes:

1. Able to appreciate the nuances of poetry through different forms.
2. Extensive use of grammar like finite, non-finite verbs, clauses, verb patterns etc.
3. Able to enrich vocabulary.
4. Able to transcribe the words phonemically

Credits-6

Total Marks- 150

External Exam Marks- 120

Internal Assessment- 30

Time- 3 Hrs.

SCHEME OF EXAMINATION:

Prescribed Text: *Fragrances*. Edited by Dinesh Kumar, Sunita Siroha, S.S.Rehal. Published by Orient Blackswan New Delhi.

Instructions for the Paper Setter and the Students:

Note: All questions are compulsory. Marks have been indicated against each question.

Q.1 Explanation of two stanzas out of the given four from the prescribed text with reference to the contest. (20)

Q.2 This question will be based on "Important Forms and Devices" given in the text book. The students shall answer any four out of the given six. (in about 30 words each). (12)

Q.3 This question will be designed to assess the understanding of the text by the students. The students shall answer any three out of the given five questions based on the text (in about 150 words each). (18)

Q.4 This question will be based on phonetic transcription of the words taken from the prescribed text. The students shall transcribe ten words out of the given fifteen.

(For blind Candidates only):- Word meaning of the words from the prescribed text. Students shall be required to give meaning of any ten out of given fifteen words. (10)

Q5 This question will be based on grammar exercises from the text. The students shall attempt questions on vocabulary as directed. (e.g. framing sentences of their own or giving various forms of the given words, synonyms, antonyms, one-word substitutes). The students shall answer

any fifteen out of the given twenty words.

(15)

Q.6 This question will be based on grammar. It will consist of two parts:

(a) This part will be based on the use of tenses. The students shall attempt fifteen out of twenty questions. (15)

(b) This will be based on parts of the speech. The students shall attempt fifteen out of twenty questions. (15)

Q.7 The students shall write one paragraph (in about 200 words) on any one of the four topics given. (15)

Personality Development

Semester III

Course Code- PD 100

Session 2021-22

Credits-2

Total Marks- 50

External Exam Marks- 40

Internal Assessment- 10

Time- 2 Hrs.

Course Outcomes:

1. The students will learn the basics of personality.
2. They will learn the qualities of mentorship.
3. They will understand the importance of etiquettes in profession.
4. They will be acquainted with the parameters of verbal and non-verbal discussion.

UNIT – I

1. Definition and basics of personality
2. Body Language and Para Language
3. Self-introduction

UNIT – II

1. Listening skills
2. Barriers to listening
3. Overcoming the barriers

UNIT – III

1. Introduction to leadership
2. Group Dynamics/ Discussion
3. Qualities of Leadership

UNIT – IV

1. Public speaking/ Group discussions/ Voice modulation
2. Etiquettes related to professional competence
3. Grooming basics

Workload: 1 hours for teaching theory/text and 1 hour for composition / Practical for a group of 20 (Twenty) students.

Scheme of Examination:

Note: All questions are compulsory.
Each question carries 10 marks.

- 1 The paper setter will set eight questions from Unit I to IV.
(two from each unit)
- 2 The student shall attempt four questions in all choosing one from each unit.

B.A. PART- II (ENGLISH-CORE)

Semester IV

Course Code- B-ENG 401

Session 2021-22

Course Outcomes:

1. Able to understand and interpret of One Act Play and how it is relevant to life.
2. Able to understand the literary devices like Simile, Metaphor, Symbol, Irony, Satire used in the text.
3. Able to transcribe with stress the words, translation tones, vol. email, resume writing, book reviews.
4. Will be able to understand the use of literary and linguistic jargons in literary texts

Credits-6

Total Marks- 150

External Exam Marks- 120

Internal Assessment- 30

Time- 3 Hrs.

Prescribed Text:

Centre Stage edited by Sunita Siroha, S.S.Rehal and Dinesh Kumar and published by Orient Blackswan, New Delhi.

Workload: 5 hours per week for text, 1 hour for grammar and composition for a group of 20 (twenty) students.

Scheme of Examination

Instructions to the Paper-setter and Students:

Note: All questions are compulsory.

Q.No.1 Explanation of two paragraphs out of the given four with reference to the context.

(20)

Q.No.2(a) Very short answer type text-based questions: Students will be required to answer any six out of the given eight questions in a word/phrase/sentence.

(12)

b) Students will be required to attempt any two out of the given three questions based on the text in 100 words each. Short answer type questions also may not be the same as given in the exercises.

(20)

Q.No.3 Long answer type question based on the text, to be answered in about 300 words on any one of the given two questions. The questions will be designed to test the candidate's critical understanding of the text. (15)

Q.No.4 (a) Writing Skills: This question, with internal choice, will be based on the topics discussed in the text-book under the title "Extended Language Skills" except "Translation". (20)

(b) Students will be required to transcribe and mark primary stress on any ten words out of the given fifteen words. (10)

(For blind candidates only) There will be a question based on vocabulary.

(c) Vocabulary exercise (any eight out of the given ten). (8)

Q.No.5 Translation: (a) Students will be required to translate one short passage from Hindi into English. (8)

(b) Students will be required to translate one short passage from English into Hindi.

(7)

(In lieu of translation in Q.No.5 for non-Hindi speaking candidates only)

Writing a paragraph of about 300 words on any one of the three given topics.

Syllabus and Scheme of Examination for B.A (English) Honours Programme
Under Choice based credit system
Structure of B.A.(ENGLISH) Honours Programme under CBCS
Course Code: **BH-ENG**

Programme Outcomes (PO) of Bachelor of Arts (General) CBCS Programmes/Courses in the Institute of Integrated and Honours Studies, Kurukshetra University, Kurukshetra

PO 1: Demonstrate a detailed knowledge and understanding of selected fields of study in core disciplines in the humanities, social sciences and languages;

PO 2: Apply critical and analytical skills and methods to the identification and resolution of problems within complex changing social contexts.

PO 3: Demonstrate a general understanding of the concepts and principles of selected areas of study outside core disciplines of the humanities, social sciences and languages;

PO 4: Apply an independent approach to knowledge that uses rigorous methods of inquiry and appropriate theories;

PO 5: Articulate the relationship between diverse forms of knowledge and the social, historical and cultural contexts that produced them;

PO 6: Communicate effectively and show ability to read, write, listen to and speak in a chosen language/s with fluency;

PO 7: Act as informed and critically discerning participants within the community of scholars, as citizens and in the work force;

PO 8: Work with independence, self-reflection and creativity to meet goals and challenges in the workplace and personal life.

Programme Specific Outcomes (PSOs)

After successful completion of the programme of BA Honours in English the student will be able to:

1. Cultivate and develop physical, intellectual, emotional, aesthetic, ethical and spiritual values to meet global competency.
2. Recognize the significance of their social and professional responsibilities as citizens with integrity
3. Have command over the four basic communicative skills.
4. Utilize different critical approaches and demonstrate them in the prescribed texts.

Syllabus and Scheme of Examination for B.A (English) Honours Programme BTM,BCA
B.Sc., Under Choice based credit system
Structure of B.A.(ENGLISH) Honours Programme under CBCS
Course Code: **BH-ENG**

Semester	Core course (14) Credits (6)	Ability enhancement compulsory course (AECC) (2)	Skill Enhancement Course (SEC) (2)	Discipline Specific Course DSE (6)	Generic Elective (6)
I	CC-1 CC-2	((English/ MIL communication)/Environment al Science)			GE-1
II	CC-3 CC-4	(English/ MIL communication)/Environment al Study)			GE-2
III	CC-5 CC-6 CC-7		SEC-1 Computer Science LEVEL- 1/Personality Development/MO OC*		GE-3
IV	CC-8 CC-9 CC-10		SEC-2 Computer Science LEVEL- 1/Personality Development/Sub ject/MOOC*		GE-4
V	CC-11 CC-12			DSE-1 DSE-2	GE-5
VI	CC-13 CC-14			DSE-3 DSE-4	GE-6

AECC will be offered according to the time table adjustments in the institute.

*MOOC Course from Swayam portal

** SEC can be offered in 3rd/4th/5th semester according to the time table adjustments in the institute.

GE Course can be English/Hindi/subject other than Discipline offered by the institute depending upon the availability of faculty/ Infrastructure in the Institute.

General instructions:

1. One credit equivalent to 1 hour of teaching/2 hours of Practical work
2. Teaching workload will be calculated on the basis of teaching contact hours of the course
3. One credit (theory /Practical) equivalent to 25 marks

Course	Number of courses	Credits Teaching/week	Tutorials/week	Total credits	Marks
Core courses	14	14 x5=70	14x1=14	84	14x150=2100
AECC	2	2x2=4		4	2X50=100
SEC	2	2x2=4		4	2X50=100
DSE	4	4X5=20	4X1=4	24	4X150=600
GE	6	6X5=30	6X1=6	36	6X150=900
Total	28	138	24	152	3800

Syllabus and Scheme of Examination B.A. ENGLISH (Hons.)

Session 2020-21 in phased manner

Course Code	Semester	Courses	Paper No.	Credits	Teaching Hours (Per Week)	Maximum Marks			Duration Of Exam (Hours)
						Internal Assessment	End-Semester Examination (Theory)	Total	
BH-ENG 101	Semester-I	Indian Classical Literature	I	6	6	30	120	150	3
BH-ENG 102	Semester-I	European Classical Literature	II	6	6	30	120	150	3
AECC 100	Semester-I	English Communication	III	2	2	10	40	50	2
BH-ENG 103	Semester-I	Media and Communication Skills (Generic Elective)	IV	6	6	30	120	150	3
BH-ENG 201	Semester-II	Indian Writing in English	V	6	6	30	120	150	3
BH-ENG 202	Semester-II	British Poetry and Drama (14 th to 17 th centuries)	VI	6	6	30	120	150	3
ENV 200	Semester II	Environmental Science	VII	2	2	10	40	50	2
BH-ENG 203	Semester-II	Academic Writing and Composition	VIII	6	6	30	120	150	3
BH-ENG 301	Semester-III	American Literature	IX	6	6	30	120	150	3
BH-ENG 302	Semester-III	Popular Literature	X	6	6	30	120	150	3
BH-ENG 303	Semester-III	British Poetry and Drama (17 th and 18 th Centuries)	XI	6	6	30	120	150	3
PD 100	Semester III	Personality Development	XII	2	2	10	40	50	2
BH-ENG 304	Semester-III	Language and Linguistics	XIII	6	6	30	120	150	3
BH-ENG 401	Semester-IV	British Literature: 18 th Century	XIV	6	6	30	120	150	3

BH-ENG 402	Semester-IV	BritishRomantic Literature	XV	6	6	30	120	150	3
BH-ENG 403	Semester-IV	British Literature (19 th Century)	XVI	6	6	30	120	150	3
CS 400	Semester IV	Computer Science Level I	XVII	2	2	10	40	50	2
BH-ENG 404	Semester-IV	Contemporary India: Women and Empowerment	XVIII	6	6	30	120	150	3
BH-ENG 501	Semester-V	Women's Writing	XIX	6	6	30	120	150	3
BH-ENG 502	Semester-V	British Literature: The Early 20 th Century	XX	6	6	30	120	150	3
BH-ENG 503	Semester-V	Literary Criticism	XXI	6	6	30	120	150	3
BH-ENG504	Semester-V	Partition Literature	XXII	6	6	30	120	150	3
BH-ENG505	Semester-V	Literature and Cinema	XXIII	6	6	30	120	150	3
BH-ENG 601	Semester-VI	Modern European Drama	XXIV	6	6	30	120	150	3
BH-ENG 602	Semester-VI	Post-Colonial Literature	XXV	6	6	30	120	150	3
BH-ENG 603	Semester-VI	Modern Indian Writing in English Translation	XXVI	6	6	30	120	150	3
BH-ENG 604	Semester-VI	Literary Theory	XXVII	6	6	30	120	150	3
BH-ENG605	Semester-VI	Text and Performance	XXVIII	6	6	30	120	150	3
				152				3800	

B.A. (Hons.) ENGLISH (Core Course)

FIRST SEMESTER

Paper I: Indian Classical Literature

Code: BH-ENG101

Credits:6

Max. Marks: 150

Internal Assessment: 30

Theory: 120

Time: 3 Hours

Course Outcomes:

1. The students will be acquainted with India's rich literary legacy.
2. They will be familiarized with great classical writers of India.
3. They will understand the essence of great epics of India.
4. They will get an exposure to know great composite culture through translated works.

Note: (To be printed in the question paper)

1. The students are required to attempt five questions in all.
2. Question No.1 is compulsory.
3. Attempt one question from each of the 4 Units.
4. All questions carry equal marks.

Note for Paper-Setters:

1. The paper-setter will set 9 questions in all.
2. Besides question No.1, which is compulsory, a candidate shall attempt 4 questions selecting one question each from the four units, attempting five questions in all.
3. Question No. 1 shall have four short answer type questions evenly spread over all the four units. The student shall attempt all the four questions in about 150 words each.

Unit-I:

Kalidasa: *AbhijnanaShakuntalam*, tr. Chandra Rajan, in Kalidasa: *The Loom of Time* (New Delhi: Penguin, 1989).

Unit-II

Vyasa: 'The Dicing' and 'The Sequel to Dicing', 'The Book of the Assembly Hall', 'The Temptation of Karna', Book V 'The Book of Effort', in *The Mahabharata*: tr. and ed. J.A.B. van Buitenen (Chicago: Brill, 1975) pp. 106–69.

Unit-III:

Sudraka: *Mrcchakatika*, tr. M.M. Ramachandra Kale (New Delhi: Motilal Banarasidass)

Unit-IV

Ilango Adigal: 'The Book of Banchi', in *Cilappatikaram: The Tale of an Anklet*, tr. R. Parthasarathy (Delhi: Penguin, 2004) book 3.

Suggested Topics and Background Prose Readings for Class Presentations Topics

The Indian Epic Tradition: Themes and Recensions

Classical Indian Drama: Theory and Practice

Alankara and Rasa

Readings

1. Bharata, *Natyashastra*, tr. Manomohan Ghosh, vol. I, 2nd edn (Calcutta: Granthalaya, 1967) chap. 6: 'Sentiments', pp. 100–18.
2. Iravati Karve, 'Draupadi', in *Yuganta: The End of an Epoch* (Hyderabad: Disha, 1991) pp. 79–105.
3. J.A.B. Van Buitenen, 'Dharma and Moksha', in Roy W. Perrett, ed., *Indian Philosophy*, vol. V, *Theory of Value: A Collection of Readings* (New York: Garland, 2000) pp. 33–40.
4. Vinay Dharwadkar, 'Orientalism and the Study of Indian Literature', in *Orientalism and the Postcolonial Predicament: Perspectives on South Asia*, ed. Carol A. Breckenridge and Peter van der Veer (New Delhi: OUP, 1994) pp. 158–95.

B.A. (Hons.) ENGLISH (Core Course)

FIRST SEMESTER

Paper II: European Classical Literature

Course Code: BH-ENG102

Credits:6

Max. Marks: 150

Internal Assessment: 30

Theory : 120

Time: 3 Hours

Course Outcomes:

- 1.They will be able to learn about western classical literature.
2. They will be able to understand the origin of drama.
- 3.They will be able to have knowledge of Greek mythology.
4. They will be able to learn ancient Greco-Roman comedy.

Note: (To be printed in the question paper)

1. The students are required to attempt five questions in all.
2. Question No.1 is compulsory.
3. Attempt one question from each of the 4 Units.
4. All questions carry equal marks.

Note for Paper-Setters:

- 1.The paper-setter will set 9 questions in all.
2. Besides question No.1, which is compulsory, a candidate shall attempt 4 questions selecting one question each from the four units, attempting five questions in all.
3. Question No. 1 shall have four short answer type questions evenly spread over all the four units. The student shall attempt all the four questions in about 150 words each.

Unit-I Homer: *Odyssey*, tr. E.V. Rieu (Harmondsworth: Penguin,1985).

Unit-II Sophocles: *Oedipus the King*, tr. Robert Fagles in Sophocles: The Three
Theban Plays (Harmondsworth: Penguin, 1984).

Unit-III Plautus: *Pot of Gold*, tr. E.F. Watling (Harmondsworth: Penguin).

Unit-IV Ovid: Selections from *Metamorphoses* 'Bacchus', (Book III), 'Pyramus and Thisbe' (Book IV), 'Philomela' (Book VI), tr. Mary M. Innes (Harmondsworth Penguin, 1975).

Suggested Topics and Background Prose Readings for Class Presentations/Assignments.

The Epic

Comedy and Tragedy in Classical Drama

Catharsis and Mimesis

Satire

Readings

1. Aristotle, *Poetics*, translated with an introduction and notes by Malcolm Heath, (London: Penguin, 1996) chaps. 6–17, 23, 24, and 26.
2. Plato, *The Republic*, Book X, tr. Desmond Lee (London: Penguin, 2007).

B.A. (Hons.) ENGLISH (Ability Enhancement Compulsory Course)

FIRST SEMESTER

Paper III: English Communication

Session 2020-21

Credit: 2
SEMESTER 1 AECC 100

Theory: 40
Internal Assessment: 10
Max. Marks: 50
Time: 2 Hrs

Ability Enhancement Compulsory Course - English Communication Course Objectives

The paper is designed to enhance proficiency in English language. It seeks to develop the basics of English language through different modules. Each unit will enable and capacitate the learner to have the communication competence which is required in the present-day world. The basic knowledge of communication in English will enable the learners to share and enliven ideas, experiences and know-how ubiquitous in the world.

Course Outcomes:

1. The students will learn the rhetoric of presentation.
2. They will learn to comment and respond to correspondence.
3. They will learn the basics of grammar and composition.
4. They will be acquainted with verbal and non-verbal communication.

English Communication

UNIT – I Listening and Speaking Skills

1. Listening Skills (Active-Passive, Accent)
2. Speaking Skills (Stress, Intonation, Assertion, Rhetorical questions)
3. Oral Presentation, Debates, Elocution and Extempore

UNIT – II Writing Skills

1. Report writing
2. Paragraph writing
3. Letter writing

UNIT – III Technical and Modern Communication

1. Resume writing
2. Email
3. Blogs and Comments on Social Media

UNIT- IV Grammar

1. Common errors in the use of English
(Noun, Pronoun, Adjective, Adverb, Conjunction)
2. Correct use of verbs and Articles

3. Vocabulary: Homonyms, Homophones, Pair of words

Ability Enhancement Compulsory Course - English Communication

Text Prescribed: English Language (To be edited)

**Workload: 1 hours for teaching theory/text and 1 hour for composition / grammar
for group of 20 (Twenty) students.**

Scheme of Examination:

Note: All questions are compulsory.

- Q. 1. The paper setter will set two question from Unit II. The student shall attempt
one out of the given two. 10
- Q. 2 This question shall be based on unit III. The student shall attempt one question
out of two. 10
- Q. 3 There will be 25 grammatical items based on unit IV. The student shall attempt
any 20 items. 20

**Note: Internal Assessment: The student shall be required to make a presentation/PPT
based on unit I.**

B.A. (Hons.) ENGLISH (Generic Elective)

FIRST SEMESTER

Paper IV: Media and Communication Skills

Course Code: BH-ENG103

Credits:6

Max. Marks: 150

Internal Assessment: 30

Theory : 120

Time: 3 Hours

Course Outcomes:

1. Students will be introduced to the concept of Communication.
2. Will be able to understand the role and impact of advertisements.
3. Will be able to draft scripts for electronic media.
4. Will be able to understand the impact of media on the society.

Note: (To be printed in the question paper)

1. The students are required to attempt five questions in all.
2. Question No.1 is compulsory.
3. Attempt one question from each of the 4 Units.
4. All questions carry equal marks.

Note for Paper-Setters:

1. The paper-setter will set 9 questions in all.
2. Besides question No.1, which is compulsory, a candidate shall attempt 4 questions selecting one question each from the four units, attempting five questions in all.
3. Question No. 1 shall have four short answer type questions evenly spread over all the four units. The student shall attempt all the four questions in about 150 words each.

Unit-I Introduction to Mass Communication

- (i) Mass Communication and Globalization
- (ii) Forms of Mass Communication

Topics for Student Presentations:

- (a) Case studies on current issues Indian journalism
- (b) Performing street plays

- (c) Writing pamphlets and posters, etc.

Unit-II Advertisement

- (i) Types of advertisements
- (ii) Advertising ethics
- (iii) How to create advertisements/storyboards

Topics for Student Presentations:

- (a) Creating an advertisement/visualization
- (b) Enacting an advertisement in a group
- (c) Creating jingles and taglines

Unit-III Media Writing

- (i) Scriptwriting for TV and Radio
- (ii) Writing News Reports and Editorials
- (iii) Editing for Print and Online Media

Topics for Student Presentations:

- (a) Script writing for a TV news/panel discussion/radio programme/hosting radio programmes on community radio
- (b) Writing news reports/book reviews/film reviews/TV program reviews/interviews
- (c) Editing articles
- (d) Writing an editorial on a topical subject

Unit-IV Introduction to Cyber Media and Social Media

- (i) Types of Social Media
- (ii) The Impact of Social Media
- (iii) Introduction to Cyber Media

B.A. (Hons.) ENGLISH (Core Course)

SECOND SEMESTER

Paper V: Indian Writing in English

Course Code: BH-ENG201

Credits:6

Max. Marks: 150

Internal Assessment: 30

Theory : 120

Time: 3 Hours

Course Outcomes:

1. Students will be introduced to great writers of India.
2. They will be able to understand the currents of Colonial and Post-Colonial India.
3. Will be able to appreciate the rich literary tradition of Writing in India.
4. They will get to know the importance of Humanism in literature.

Note: (To be printed in the question paper)

1. The students are required to attempt five questions in all.
2. Question No.1 is compulsory.
3. Attempt one question from each of the 4 Units.
4. All questions carry equal marks.

Note for Paper-Setters:

1. The paper-setter will set 9 questions in all.
2. Besides question No.1, which is compulsory, a candidate shall attempt 4 questions selecting one question each from the four units, attempting five questions in all.
3. Question No. 1 shall have four short answer type questions evenly spread over all the four units. The student shall attempt all the four questions in about 150 words each.

Unit-I R.K. Narayan: *The Guide*

Unit-II Anita Desai: *In Custody*

Unit-III H.L.V. Derozio: 'Freedom to the Slave', 'The Orphan Girl'

Kamala Das: 'Introduction', 'My Grandmother's House'

Nissim Ezekiel: 'Enterprise', 'The Night of the Scorpion'

Robin S. Ngangom: 'The Strange Affair of Robin S. Ngangom', 'A Poem
for Mother'

Unit-IV Mulk Raj Anand: 'Two Lady Rams'
 Salman Rushdie: 'The Free Radio'
 Rohinton Mistry: 'Swimming Lesson'
 Shashi Deshpande: 'The Intrusion'

Suggested Topics and Background Prose Readings for Class Presentations Topics

Indian English Literature and its Readership

Themes and Contexts of the Indian English Novel

The Aesthetics of Indian English Poetry

Modernism in Indian English Literature

Readings

1. Raja Rao, Foreword to Kanthapura (New Delhi: OUP, 1989) pp. v–vi.
2. Salman Rushdie, 'Commonwealth Literature does not exist', in Imaginary Homelands (London: Granta Books, 1991) pp. 61–70.
3. Meenakshi Mukherjee, 'Divided by a Common Language', in The Perishable Empire (New Delhi: OUP, 2000) pp.187–203.
4. Bruce King, 'Introduction', in Modern Indian Poetry in English (New Delhi: OUP, 2nd edn, 2005) pp. 1–10.

B.A. (Hons.) ENGLISH (Core Course)

SECOND SEMESTER

Paper VI: British Poetry and Drama: 14th to 17th Centuries

Course Code: BH-ENG202

Credits:6**Max. Marks: 150**

Internal Assessment: 30

Theory : 120**Time: 3 Hours**

Course Outcomes:

1. Students will be introduced to great English Poets.
2. Will be able to understand the impact of Renaissance on Literature.
3. Will be acquainted with Shakespearean tragedy.
4. Will be able to understand and appreciate romantic comedy.

Note: (To be printed in the question paper)

1. The students are required to attempt five questions in all.
2. Question No.1 is compulsory.
3. Attempt one question from each of the 4 Units.
4. All questions carry equal marks.

Note for Paper-Setters:

1. The paper-setter will set 9 questions in all.
2. Besides question No.1, which is compulsory, a candidate shall attempt 4 questions selecting one question each from the four units, attempting five questions in all.
3. Question No. 1 shall have four short answer type questions evenly spread over all the four units. The student shall attempt all the four questions in about 150 words each.

Unit-I	Geoffrey Chaucer:	‘The Wife of Bath’ from ‘Prologue’
	Edmund Spenser:	Selections from Amoretti: Sonnet LXVII ‘Like as a huntsman...’ Sonnet LVII ‘Sweet warrior...’ Sonnet LXXV ‘One day I wrote her name...’

Unit-II Christopher Marlowe: *Doctor Faustus*

Unit-III William Shakespeare: *Macbeth*

Unit-IV William Shakespeare: *Twelfth Night*

Suggested Topics and Background Prose Readings for Class Presentations Topics

Renaissance Humanism

The Stage, Court and City

Religious and Political Thought

The Writer in Society

Readings

1. Pico Della Mirandola, excerpts from the Oration on the Dignity of Man, in *The Portable Renaissance Reader*, ed. James Bruce Ross and Mary Martin McLaughlin (New York: Penguin Books, 1953) pp. 476–9.
2. John Calvin, ‘Predestination and Free Will’, in *The Portable Renaissance Reader*, ed. James Bruce Ross and Mary Martin McLaughlin (New York: Penguin Books, 1953) pp. 704–11.
3. Baldassare Castiglione, ‘Longing for Beauty’ and ‘Invocation of Love’, in Book 4 of *The Courtier*, ‘Love and Beauty’, tr. George Bull (Harmondsworth: Penguin, rpt. 1983) pp. 324–8, 330–5.
4. Philip Sidney, *An Apology for Poetry*, ed. Forrest G. Robinson (Indianapolis: BobbsMerrill, 1970) pp. 13–18.

B.A. (Hons.) ENGLISH (Ability Enhancement Compulsory Course)

SECOND SEMESTER

Paper VII: Environment Study

Syllabus to be prepared by the Faculty of Science

B.A. (Hons.) ENGLISH (Generic Elective)

SECOND SEMESTER

Paper VIII: Academic Writing and Composition

Course Code: BH-ENG203

Credits:6

Max. Marks: 150

Internal Assessment: 30

Theory : 120

Time: 3 Hours

Course Outcomes:

1. They will be able to learn academic writing.
2. They will be able to edit documents.
3. They will be able to learn use of critical thinking while writing any document.
4. They will be able to paraphrase and summarize

Note: (To be printed in the question paper)

1. The students are required to attempt five questions in all.
2. Question No.1 is compulsory.
3. Attempt one question from each of the 4 Units.
4. All questions carry equal marks.

Note for Paper-Setters:

1. The paper-setter will set 9 questions in all.
2. Besides question No.1, which is compulsory, a candidate shall attempt 4 questions selecting one question each from the four units, attempting five questions in all.
3. Question No. 1 shall have four short answer type questions evenly spread over all the four units. The student shall attempt all the four questions in about 150 words each.

Unit-I Introduction to the Writing Process

Unit-II Introduction to the Conventions of Academic Writing

Unit-III Writing in one's own words: Summarizing and Paraphrasing

Unit-IV**Critical Thinking: Syntheses, Analyses, and Evaluation****Suggested Readings**

1. Liz Hamp-Lyons and Ben Heasley, *Study writing: A Course in Writing Skills for Academic Purposes* (Cambridge: CUP, 2006).
2. Renu Gupta, *A Course in Academic Writing* (New Delhi: Orient BlackSwan, 2010).
3. Ilona Leki, *Academic Writing: Exploring Processes and Strategies* (New York: CUP, 2nd edn, 1998).
4. Gerald Graff and Cathy Birkenstein, *They Say/I Say: The Moves That Matter in Academic Writing* (New York: Norton, 2009).

B.A. (Hons.) ENGLISH (Core Course)

THIRD SEMESTER

Paper IX: American Literature

Course Code: BH-ENG301

Credits:6

Max. Marks: 150

Internal Assessment: 30

Theory : 120

Time: 3 Hours

Course Outcomes:

1. They will be familiarized with American history and culture.
2. They will be able to understand social structure of American society.
3. They will be able to understand American concept of Liberty, fraternity and equality.
4. They will be able to learn various aspects of American literature.

Note: (To be printed in the question paper)

1. The students are required to attempt five questions in all.
2. Question No.1 is compulsory.
3. Attempt one question from each of the 4 Units.
4. All questions carry equal marks.

Note for Paper-Setters:

1. The paper-setter will set 9 questions in all.
2. Besides question No.1, which is compulsory, a candidate shall attempt 4 questions selecting one question each from the four units, attempting five questions in all.
3. Question No. 1 shall have four short answer type questions evenly spread over all the four units. The student shall attempt all the four questions in about 150 words each.

Unit-I: Tennessee Williams: *The Glass Menagerie*

Unit-II Toni Morrison: *Beloved*

Unit-III: Edgar Allan Poe: 'The Purloined Letter'

F. Scott Fitzgerald: 'The Crack-up'

Leslie Marman Silko: "The Man to Send the Rain Clouds"

Unit-IV Walt Whitman: 'O Captain My Captain', 'One's Self I Sing',

‘Passage to India’

Robert Frost: ‘The Road Not Taken’, ‘Stopping by Woods on a
Snowy Evening’, ‘Birches’

Suggested Topics and Background Prose Readings for Class Presentations Topics

The American Dream

Social Realism and the American Novel

Folklore and the American Novel

Black Women’s Writings

Readings

1. Hector St John Crevecoeur, ‘What is an American’, (Letter III) in *Letters from an American Farmer* (Harmondsworth: Penguin, 1982) pp. 66–105.
2. Frederick Douglass, *A Narrative of the life of Frederick Douglass* (Harmondsworth: Penguin, 1982) chaps. 1–7, pp. 47–87.
3. Henry David Thoreau, ‘Battle of the Ants’ excerpt from ‘Brute Neighbours’, in *Walden* (Oxford: OUP, 1997) chap. 12.
4. Ralph Waldo Emerson, ‘Self Reliance’, in *The Selected Writings of Ralph Waldo Emerson*, ed. with a biographical introduction by Brooks Atkinson (New York: The Modern Library, 1964).
5. Toni Morrison, ‘Romancing the Shadow’, in *Playing in the Dark: Whiteness and Literary Imagination* (London: Picador, 1993) pp. 29–39.

B.A. (Hons.) ENGLISH (Core Course)

THIRD SEMESTER

Paper X: Popular Literature

Course Code: BH-ENG302

Credits:6

Max. Marks: 150

Internal Assessment: 30

Theory : 120

Time: 3 Hours

Course Outcomes:

1. They will be able to understand the representative literary and cultural texts.
2. They will understand the historical, geographical and cultural contexts.
3. They will be able to learn to compare and contrast different cultures.
4. They will learn about the life writing.

Note: (To be printed in the question paper)

1. The students are required to attempt five questions in all.
2. Question No.1 is compulsory.
3. Attempt one question from each of the 4 Units.
4. All questions carry equal marks.

Note for Paper-Setters:

1. The paper-setter will set 9 questions in all.
2. Besides question No.1, which is compulsory, a candidate shall attempt 4 questions selecting one question each from the four units, attempting five questions in all.
3. Question No. 1 shall have four short answer type questions evenly spread over all the four units. The student shall attempt all the four questions in about 150 words each.

Unit-I: Lewis Carroll: *Through the Looking Glass*

Unit-II Agatha Christie: *The Murder of Roger Ackroyd*

Unit-III: ShyamSelvadurai: *Funny Boy*

Unit-IV DurgabaiVyam and Subhash VyamBhimayana:
Experiences of Untouchability: Autobiographical Notes on Ambedkar

Suggested Topics and Background Prose Readings for Class Presentations Topics

Coming of Age

The Canonical and the Popular

Caste, Gender and Identity

Ethics and Education in Children's Literature

Sense and Nonsense

The Graphic Novel

Readings

1. Chelva Kanaganayakam, 'Dancing in the Rarefied Air: Reading Contemporary Sri Lankan Literature' (ARIEL, Jan. 1998) rpt, Malashri Lal, Alamgir Hashmi, and Victor J. Ramraj, eds., *Post-Independence Voices in South Asian Writings* (Delhi: Doaba Publications, 2001) pp. 51–65.
2. Sumathi Ramaswamy, 'Introduction', in *Beyond Appearances: Visual Practices and Ideologies in Modern India* (Sage: Delhi, 2003) pp. xiii–xxix.
3. Leslie Fiedler, 'Towards a Definition of Popular Literature', in *Super Culture: American Popular Culture and Europe*, ed. C.W.E. Bigsby (Ohio: Bowling Green University Press, 1975) pp. 29–38.
4. Felicity Hughes, 'Children's Literature: Theory and Practice', *English Literary History*, vol. 45, 1978, pp. 542–61.

Paper XI: British Poetry and Drama: 17th and 18th Centuries (Core Course)

Course Code: BH-ENG303
Credits:6

Max. Marks: 150
Internal Assessment: 30
Theory : 120
Time: 3 Hours

Course Outcomes:

1. They will be able to learn about the various aspects of satire.
2. They will be familiarized with the decline of British drama in 17th century.
3. They will understand the background of Christianity.
4. They will be familiarized with first British woman writer.

Note: (To be printed in the question paper)

1. The students are required to attempt five questions in all.
2. Question No.1 is compulsory.
3. Attempt one question from each of the 4 Units.
4. All questions carry equal marks.

Note for Paper-Setters:

1. The paper-setter will set 9 questions in all.
2. Besides question No.1, which is compulsory, a candidate shall attempt 4 questions selecting one question each from the four units, attempting five questions in all.
3. Question No. 1 shall have four short answer type questions evenly spread over all the four units. The student shall attempt all the four questions in about 150 words each.

Unit-I: John Milton: *Paradise Lost- Book 1*

Unit-II John Webster: *The Duchess of Malfi*

Unit-III: Aphra Behn: *The Rover*

Unit-IV Alexander Pope: *The Rape of the Lock*

Suggested Topics and Background Prose Readings for Class Presentations Topics

Religious and Secular Thought in the 17th Century

The Stage, the State and the Market

The Mock-epic and Satire

Women in the 17th Century

The Comedy of Manners

Readings

1. The Holy Bible, Genesis, chaps. 1–4, The Gospel according to St. Luke, chaps. 1–7 and 22–4.
2. Niccolo Machiavelli, *The Prince*, ed. and tr. Robert M. Adams (New York: Norton, 1992) chaps. 15, 16, 18, and 25.
3. Thomas Hobbes, selections from *The Leviathan*, pt. I (New York: Norton, 2006) chaps. 8, 11, and 13.
4. John Dryden, 'A Discourse Concerning the Origin and Progress of Satire', in *The Norton Anthology of English Literature*, vol. 1, 9th edn, ed. Stephen Greenblatt (New York: Norton 2012) pp. 1767–8.

B.A. (Hons.) ENGLISH (Skill Enhancement Course)

THIRD SEMESTER

Paper XII: Personality Development Semester III

Credit: 2

M. M. 50

Course Code: PD 100

Theory 40

Assessment 10

Time: 2Hrs

Course Outcomes:

1. The students will learn the basics of personality.
2. They will learn the qualities of mentorship.
3. They will understand the importance of etiquettes in profession.
4. They will be acquainted with the parameters of verbal and non-verbal discussion.

UNIT – I

1. Definition and basics of personality
2. Body Language and Para Language
3. Self-introduction

UNIT – II

1. Listening skills
2. Barriers to listening
3. Overcoming the barriers

UNIT – III

1. Introduction to leadership
2. Group Dynamics/ Discussion
3. Qualities of Leadership

UNIT – IV

1. Public speaking/ Group discussions/ Voice modulation
2. Etiquettes related to professional competence
3. Grooming basics

Personality Development

Scheme of Examination

Semester III

Paper-XII

Credits 2

M. M. 50

Theory 40

Assessment 10

Paper Duration 2 Hours.

Workload: 1 hours for teaching theory/text and 1 hour for composition / Practical for a group of 20 (Twenty) students.

Scheme of Examination:

**Note: All questions are compulsory.
Each question carries 10 marks.**

- 1 The paper setter will set eight questions from Unit I to IV.
(two from each unit)
- 2 The student shall attempt four questions in all choosing one from each unit.

B.A. (Hons.) ENGLISH (Generic Elective)

THIRD SEMESTER

Paper XIII: Language and Linguistics

Course Code: BH-ENG304

Credits:6

Max. Marks: 150

Internal Assessment: 30

Theory : 120

Time: 3 Hours

Course Outcomes:

1. They will be able to learn various ways of effective communication.
2. They will be familiarized with the historical background of language.
3. They will be able to understand the contrastive relationships of speech sounds.
4. They will be able to learn the structure of language.

Note: (To be printed in the question paper)

1. The students are required to attempt five questions in all.
2. Question No.1 is compulsory.
3. Attempt one question from each of the 4 Units.
4. All questions carry equal marks.

Note for Paper-Setters:

1. The paper-setter will set 9 questions in all.
2. Besides question No.1, which is compulsory, a candidate shall attempt 4 questions selecting one question each from the four units, attempting five questions in all.
3. Question No. 1 shall have four short answer type questions evenly spread over all the four units. The student shall attempt all the four questions in about 150 words each.

Unit-I

Language: language and communication; language varieties: standard and non- standard language; language change.

Masthrie, Rajend and Rakesh M Bhatt. 2008. *World Englishes: The study of new linguistic varieties*.Cambridge: Cambridge University Press.

Unit-II

Structuralism: De Saussure, Ferdinand. 1966. *Course in general linguistics*. New York: McGraw HillIntroduction: Chapter 3.

Unit-III

Phonology and Morphology: Akmajian, A., R. A. Demers and R. M. Harnish, *Linguistics: An Introduction to Language and Communication*, 2nd ed. Fromkin, V., and R. Rodman, *An Introduction to Language*, 2nd ed. (New York: Holt, Rinehart and Winston, 1974) Chapters 3, 6 and 7.

Unit-IV

Syntax and semantics: categories and constituents phrase structure; maxims of conversation.

Akmajian, A., R. A. Demers and R. M Harnish, *Linguistics: An Introduction to Language and Communication*, 2nd ed. (Cambridge, Mass, MIT Press, 1984; Indian edition, Prentice Hall, 1991) Chapter 5 and 6.

B.A. (Hons.) ENGLISH (Core Course)
FOURTH SEMESTER
Paper XIV: British Literature: 18th Century

Course Code: BH-ENG401
Credits:6

Max. Marks: 150
Internal Assessment: 30
Theory : 120
Time: 3 Hours

Course Outcomes:

1. The students will be familiarized with the comedy of manners of 17th century.
2. They will learn the use of Irony and satire.
3. They will be able to understand English poetry and drama.
4. They will be familiarized with the rise of novel.

Note: (To be printed in the question paper)

1. The students are required to attempt five questions in all.
2. Question No.1 is compulsory.
3. Attempt one question from each of the 4 Units.
4. All questions carry equal marks.

Note for Paper-Setters:

1. The paper-setter will set 9 questions in all.
2. Besides question No.1, which is compulsory, a candidate shall attempt 4 questions selecting one question each from the four units, attempting five questions in all.
3. Question No. 1 shall have four short answer type questions evenly spread over all the four units. The student shall attempt all the four questions in about 150 words each.

Unit-I:	William Congreve:	<i>The Way of the World</i>
Unit-II	Jonathan Swift:	<i>Gulliver's Travels</i> (Books III and IV)
Unit-III:	Samuel Johnson:	'London'
	Thomas Gray:	'Elegy Written in a Country Churchyard'
Unit-IV	Henry Fielding:	<i>Joseph Andrews</i>

Suggested Topics and Background Prose Readings for Class Presentations Topics

The Enlightenment and Neoclassicism

Restoration Comedy

The Country and the City

The Novel and the Periodical Press

Readings

1. Jeremy Collier, *A Short View of the Immorality and Profaneness of the English Stage* (London: Routledge, 1996).
2. Daniel Defoe, 'The Complete English Tradesman' (Letter XXII), 'The Great Law of Subordination Considered' (Letter IV), and 'The Complete English Gentleman', in *Literature and Social Order in Eighteenth-Century England*, ed. Stephen Copley (London: Croom Helm, 1984).
3. Samuel Johnson, 'Essay 156', in *The Rambler*, in *Selected Writings: Samuel Johnson*, ed. Peter Martin (Cambridge, Mass.: Harvard University Press, 2009) pp. 194–7; *Rasselas* Chapter 10; 'Pope's Intellectual Character: Pope and Dryden Compared', from *The Life of Pope*, in *The Norton Anthology of English Literature*, vol. 1, ed. Stephen Greenblatt, 8th edn (New York: Norton, 2006) pp. 2693–4, 2774–7.

B.A. (Hons.) ENGLISH (Core Course)

FOURTH SEMESTER

Paper XV: British Romantic Literature

Course Code: BH-ENG402

Credits:6

Max. Marks: 150

Internal Assessment: 30

Theory : 120

Time: 3 Hours

Course Outcomes:

1. They will be familiarized with romantic literature.
2. They will be familiarized with the various aspects of nature.
3. They will be able to learn the scientific temperament of 19th Century.
4. They will understand the effect of Industrial revolution of man.

Note: (To be printed in the question paper)

1. The students are required to attempt five questions in all.
2. Question No.1 is compulsory.
3. Attempt one question from each of the 4 Units.
4. All questions carry equal marks.

Note for Paper-Setters:

1. The paper-setter will set 9 questions in all.
2. Besides question No.1, which is compulsory, a candidate shall attempt 4 questions selecting one question each from the four units, attempting five questions in all.
3. Question No. 1 shall have four short answer type questions evenly spread over all the four units. The student shall attempt all the four questions in about 150 words each.

Unit-I: William Blake: 'The Lamb', 'The Chimney Sweeper' (from *The Songs of Innocence* and *The Songs of Experience*) 'The Tyger' (The Songs of Experience) 'Introduction' to The Songs of Innocence

Robert Burns: 'A Bard's Epitaph', 'Scots Wha Hae'

Unit-II William Wordsworth: 'Tintern Abbey', 'Ode: Intimations of Immortality'
Samuel Taylor Coleridge: 'Kubla Khan', 'Dejection: An Ode'

Unit-III: Lord George Gordon Noel Byron: 'Childe Harold': canto III, verses 36–45

(lines 316–405); canto IV, verses 178–86

(lines 1594–674)

Percy Bysshe Shelley: 'Ode to the West Wind', 'Ozymandias', 'Hymn to Intellectual Beauty'.

John Keats: 'Ode to a Nightingale', 'To Autumn' 'On First Looking into Chapman's Homer'

Unit-IV Mary Shelley: *Frankenstein*

Suggested Topics and Background Prose Readings for Class Presentations Topics

Reason and Imagination

Conceptions of Nature

Literature and Revolution

The Gothic

The Romantic Lyric

Readings

1. William Wordsworth, 'Preface to Lyrical Ballads', in *Romantic Prose and Poetry*, ed. Harold Bloom and Lionel Trilling (New York: OUP, 1973) pp. 594–611.
2. John Keats, 'Letter to George and Thomas Keats, 21 December 1817', and 'Letter to Richard Woodhouse, 27 October, 1818', in *Romantic Prose and Poetry*, ed. Harold Bloom and Lionel Trilling (New York: OUP, 1973) pp. 766–68, 777–8.
3. Jean-Jacques Rousseau, 'Preface' to *Emile or Education*, tr. Allan Bloom (Harmondsworth: Penguin, 1991).
4. Samuel Taylor Coleridge, *Biographia Literaria*, ed. George Watson (London: Everyman, 1993) chap. XIII, pp. 161–66.

B.A. (Hons.) ENGLISH (Core Course)

FOURTH SEMESTER

Paper XVI: British Literature: 19th Century

Course Code: BH-ENG403

Credits:6

Max. Marks: 150

Internal Assessment: 30

Theory : 120

Time: 3 Hours

Course Outcomes:

1. They will learn how science and religion go together.
2. They will be able to understand the development of novels as genre.
3. They will be familiarized with the optimism.
4. They will be familiarized with dramatic monologue.

Note: (To be printed in the question paper)

1. The students are required to attempt five questions in all.
2. Question No.1 is compulsory.
3. Attempt one question from each of the 4 Units.
4. All questions carry equal marks.

Note for Paper-Setters:

1. The paper-setter will set 9 questions in all.
2. Besides question No.1, which is compulsory, a candidate shall attempt 4 questions selecting one question each from the four units, attempting five questions in all.
3. Question No. 1 shall have four short answer type questions evenly spread over all the four units. The student shall attempt all the four questions in about 150 words each.

Unit-I: Jane Austen: *Pride and Prejudice*

Unit-II Charlotte Bronte: *Jane Eyre*

Unit-III: Charles Dickens: *Hard Times*

Unit-IV Alfred Tennyson: 'The Lady of Shalott', 'Ulysses', 'The Defence of Lucknow'

Robert Browning: 'My Last Duchess', 'The Last Ride Together', 'Fra Lippo Lippi'

Christina Rossetti:

‘The Goblin Market’

Suggested Topics and Background Prose Readings for Class Presentations Topics

Utilitarianism

The 19th Century Novel

Marriage and Sexuality

The Writer and Society

Faith and Doubt

The Dramatic Monologue

Readings

1. Karl Marx and Friedrich Engels, ‘Mode of Production: The Basis of Social Life’, ‘The Social Nature of Consciousness’, and ‘Classes and Ideology’, in *A Reader in Marxist Philosophy*, ed. Howard Selsam and Harry Martel (New York: International Publishers, 1963) pp. 186–8, 190–1, 199–201.
2. Charles Darwin, ‘Natural Selection and Sexual Selection’, in *The Descent of Man in The Norton Anthology of English Literature*, 8th edn, vol. 2, ed. Stephen Greenblatt (New York: Norton, 2006) pp. 1545–9.
3. John Stuart Mill, *The Subjection of Women* in *Norton Anthology of English Literature*, 8th edn, vol. 2, ed. Stephen Greenblatt (New York: Norton, 2006) chap. 1, pp. 1061–9.

B.A. (Hons.) ENGLISH (Skill Enhancement Course)

FOURTH SEMESTER

Paper XVII: Computer Science Level-1

Syllabus to be prepared by Computer Science Dept.

B.A. (Hons.) ENGLISH (Generic Elective)

FOURTH SEMESTER

Paper XVIII: Contemporary India: Women and Empowerment

Course Code: BH-ENG404

Credits:6

Max. Marks: 150

Internal Assessment: 30

Theory : 120

Time: 3 Hours

Course Outcomes:

1. They will be familiarized with the role of women in freedom movement.
2. They will learn about the laws legislated to protect the rights of the women.
3. They will be able to learn the status of women in pre-independence and independence India.
4. They will learn about the Indian Women writers.

Note: (To be printed in the question paper)

1. The students are required to attempt five questions in all.
2. Question No.1 is compulsory.
3. Attempt one question from each of the 4 Units.
4. All questions carry equal marks.

Note for Paper-Setters:

1. The paper-setter will set 9 questions in all.
2. Besides question No.1, which is compulsory, a candidate shall attempt 4 questions selecting one question each from the four units, attempting five questions in all.
3. Question No. 1 shall have four short answer type questions evenly spread over all the four units. The student shall attempt all the four questions in about 150 words each.

Unit-I Social Construction of Gender (Masculinity and Femininity) Patriarchy

Unit-II History of Women's Movements in India (Pre-independence, postindependence)

Women, Nationalism, Partition Women and Political Participation.

Unit-III Baby Kamble: *The Prisons We Broke*

Unit-IV Manju Kapur: *Difficult Daughters*

B.A. (Hons.) ENGLISH (Core Course)

FIFTH SEMESTER

Paper XIX: Women's Writing

Course Code: BH-ENG501

Credits:6

Max. Marks: 150

Internal Assessment: 30

Theory : 120

Time: 3 Hours

Course Outcomes:

1. They will understand the confessional poetry.
2. They will learn inequality to women.
3. They will learn rights of women and patriarchy.
4. They will learn about the contribution of feminism towards the empowerment of women.

Note: (To be printed in the question paper)

1. The students are required to attempt five questions in all.
2. Question No.1 is compulsory.
3. Attempt one question from each of the 4 Units.
4. All questions carry equal marks.

Note for Paper-Setters:

1. The paper-setter will set 9 questions in all.
 2. Besides question No.1, which is compulsory, a candidate shall attempt 4 questions selecting one question each from the four units, attempting five questions in all.
 3. Question No. 1 shall have four short answer type questions evenly spread over all the four units. The student shall attempt all the four questions in about 150 words each.
- Unit-I: Emily Dickinson: 'I cannot live with you', 'I'm wife; I've finished that'
- Sylvia Plath: 'Daddy', 'Lady Lazarus'
- Eunice De Souza: 'Advice to Women', 'Bequest'
- Unit-II Alice Walker: *The Color Purple*
- Unit-III: Charlotte Perkins Gilman: 'The Yellow Wallpaper'
- Katherine Mansfield: 'Bliss'

Mahashweta Devi: 'Draupadi', tr. Gayatri Chakravorty Spivak (Calcutta: Seagull, 2002).

- Unit-IV Mary Wollstonecraft: *A Vindication of the Rights of Woman* (New York: Norton, 1988) chap. 1, pp. 11–19; chap. 2, pp. 19–38.
- Ramabai Ranade: 'A Testimony of our Inexhaustible Treasures', in Pandita Ramabai *Through Her Own Words: Selected Works*, tr. Meera Kosambi (New Delhi: OUP, 2000) pp. 295–324.
- Rassundari Debi: Excerpts from *Amar Jiban* in Susie Tharu and K. Lalita, eds., *Women's Writing in India*, vol. 1 (New Delhi: OUP, 1989) pp. 191–2.

Suggested Topics and Background Prose Readings for Class Presentations Topics

The Confessional Mode in Women's Writing
Sexual Politics
Race, Caste and Gender
Social Reform and Women's Rights

Readings

1. Virginia Woolf, *A Room of One's Own* (New York: Harcourt, 1957) chaps. 1 and 6.
2. Simone de Beauvoir, 'Introduction', in *The Second Sex*, tr. Constance Borde and Shiela Malovany-Chevallier (London: Vintage, 2010) pp. 3–18.
3. Kumkum Sangari and Sudesh Vaid, eds., 'Introduction', in *Recasting Women: Essays in Colonial History* (New Delhi: Kali for Women, 1989) pp. 1–25.
4. Chandra Talapade Mohanty, 'Under Western Eyes: Feminist Scholarship and Colonial Discourses', in *Contemporary Postcolonial Theory: A Reader*, ed. Padmini Mongia (New York: Arnold, 1996) pp. 172–97.

B.A. (Hons.) ENGLISH (Core Course)

FIFTH SEMESTER

Paper XX: British Literature: The Early 20th Century

Course Code: BH-ENG502

Credits:6

Max. Marks: 150

Internal Assessment: 30

Theory : 120

Time: 3 Hours

Course Outcomes:

1. They will be familiarized with the autobiographical elements in Literature.
2. They will understand modernism.
3. They will be able to understand the psychological aspects in Literature.
4. They will be able to understand the human relationships in modern age.

Note: (To be printed in the question paper)

1. The students are required to attempt five questions in all.
2. Question No.1 is compulsory.
3. Attempt one question from each of the 4 Units.
4. All questions carry equal marks.

Note for Paper-Setters:

1. The paper-setter will set 9 questions in all.
2. Besides question No.1, which is compulsory, a candidate shall attempt 4 questions selecting one question each from the four units, attempting five questions in all.
3. Question No. 1 shall have four short answer type questions evenly spread over all the four units. The student shall attempt all the four questions in about 150 words each.

Unit-I: Joseph Conrad: *Heart of Darkness*

Unit-II D.H. Lawrence: *Sons and Lovers*

Unit-III: Virginia Woolf: *Mrs Dalloway*

Unit-IV W.B. Yeats: 'Leda and the Swan', 'The Second Coming', 'No Second Troy', 'Sailing to Byzantium'

T.S. Eliot: 'The Love Song of J. Alfred Prufrock', 'Sweeney among the Nightingales', 'The Hollow Men'

Suggested Topics and Background Prose Readings for Class Presentations Topics

Modernism, Post-modernism and non-European Cultures

The Women's Movement in the Early 20th Century

Psychoanalysis and the Stream of Consciousness

The Uses of Myth

The Avant Garde

Readings

1. Sigmund Freud, 'Theory of Dreams', 'Oedipus Complex', and 'The Structure of the Unconscious', in *The Modern Tradition*, ed. Richard Ellman et. al. (Oxford: OUP, 1965) pp. 571, 578–80, 559–63.
2. T.S. Eliot, 'Tradition and the Individual Talent', in *Norton Anthology of English Literature*, 8th edn, vol. 2, ed. Stephen Greenblatt (New York: Norton, 2006) pp. 2319–25.
3. Raymond Williams, 'Introduction', in *The English Novel from Dickens to Lawrence* (London: Hogarth Press, 1984) pp. 9–27.

B.A. (Hons.) ENGLISH (Discipline Centric Elective)

FIFTH SEMESTER

Paper XXI: Literary Criticism

Course Code: BH-ENG503

Credits:6

Max. Marks: 150

Internal Assessment: 30

Theory : 120

Time: 3 Hours

Course Outcomes:

1. They will understand the role of criticism in understanding Literature.
2. They will be familiarized with the two different ages.
3. They will understand the function of criticism.
4. They will be familiarized with the growth and development of Literary criticism.

Note: (To be printed in the question paper)

1. The students are required to attempt five questions in all.
2. Question No.1 is compulsory.
3. Attempt one question from each of the 4 Units.
4. All questions carry equal marks.

Note for Paper-Setters:

1. The paper-setter will set 9 questions in all.
2. Besides question No.1, which is compulsory, a candidate shall attempt 4 questions selecting one question each from the four units, attempting five questions in all.
3. Question No. 1 shall have four short answer type questions evenly spread over all the four units. The student shall attempt all the four questions in about 150 words each.

Unit-I: Philip Sidney: *The Defense of Poesy*

Unit-II William Wordsworth: Preface to *Lyrical Ballads* (1802)

Unit-III: S.T. Coleridge: *Biographia Literaria*. Chapters IV, XIII and XIV

Unit-IV Matthew Arnold: 'The Function of Criticism at the Present Time', 'The Study of Poetry'

Suggested Topics and Background Prose Readings for Class Presentations Topics

Summarising and Critiquing

Point of View

Reading and Interpreting

Plot and Setting

Readings

1. C.S. Lewis: Introduction in *An Experiment in Criticism*, Cambridge University Press 1992.
2. M.H. Abrams: *The Mirror and the Lamp*, Oxford University Press.
3. Rene Wellek, Stephen G. Nicholas: *Concepts of Criticism*, Connecticut, Yale University 1963.
4. Taylor and Francis Eds. *An Introduction to Literature, Criticism and Theory*, Routledge, 1996.

B.A. (Hons.) ENGLISH (Discipline Centric Elective)

FIFTH SEMESTER

Paper XXII: Partition Literature

Course Code: BH-ENG504

Credits:6

Max. Marks: 150

Internal Assessment: 30

Theory : 120

Time: 3 Hours

Course Outcomes:

1. They will be able to learn the impact of partition on sub-continental communities.
2. They will be able to learn human relationship in the partition Literature.
3. They will develop a strong understanding of the complex politics that led to the partition.
4. Students will develop an understanding of how "history" informs Literature.

Note: (To be printed in the question paper)

1. The students are required to attempt five questions in all.
2. Question No.1 is compulsory.
3. Attempt one question from each of the 4 Units.
4. All questions carry equal marks.

Note for Paper-Setters:

1. The paper-setter will set 9 questions in all.
2. Besides question No.1, which is compulsory, a candidate shall attempt 4 questions selecting one question each from the four units, attempting five questions in all.
3. Question No. 1 shall have four short answer type questions evenly spread over all the four units. The student shall attempt all the four questions in about 150 words each.

Unit-I: Intizar Husain: *Basti*, tr. Frances W. Pritchett (New Delhi: Rupa).

Unit-II: Khushwant Singh: *Train to Pakistan*

Unit-III: a) DibyenduPalit: 'Alam's Own House', tr. Sarika Chaudhuri, *Bengal Partition Stories: An Unclosed Chapter*, ed. Bashabi Fraser (London: Anthem Press, 2008) pp. 453– 72.

b) ManikBandhopadhyay: 'The Final Solution', tr. Rani Ray, *Mapmaking: Partition Stories from Two Bengals*, ed. Debjani Sengupta (New Delhi: Srishti, 2003) pp. 23–39.

- c) Sa'adat Hasan Manto: 'Toba Tek Singh', in *Black Margins*: Manto, tr. M. Asaduddin (New Delhi: Katha, 2003) pp. 212–20.
- d) Lalithambika Antharajanam: 'A Leaf in the Storm', tr. K. Narayana Chandran, in *Stories about the Partition of India* ed. Alok Bhalla (New Delhi: Manohar, 2012) pp. 137–45.

Unit-IV

- a) Faiz Ahmad Faiz: 'For Your Lanes, My Country', in *In English: Faiz Ahmad Faiz, A Renowned Urdu Poet*, tr. and ed. Riz Rahim (California: Xlibris, 2008) p. 138.
- b) Jibananda Das: 'I Shall Return to This Bengal', tr. Sukanta Chaudhuri, in *Modern Indian Literature* (New Delhi: OUP, 2004) pp. 8–13.
- c) Gulzar: 'Toba Tek Singh', tr. Anisur Rahman, in *Translating Partition*, ed. Tarun Saint et. al. (New Delhi: Katha, 2001) p. x.

Suggested Topics and Background Prose Readings for Class Presentations Topics

Colonialism, Nationalism, and the Partition
Communalism and Violence
Homelessness and Exile
Women in the Partition

Readings

1. Ritu Menon and Kamla Bhasin, 'Introduction', in *Borders and Boundaries* (New Delhi: Kali for Women, 1998).
2. Sukrita P. Kumar, *Narrating Partition* (Delhi: Indialog, 2004).
3. Urvashi Butalia, *The Other Side of Silence: Voices from the Partition of India* (Delhi: Kali for Women, 2000).
4. Sigmund Freud, 'Mourning and Melancholia', in *The Complete Psychological Works of Sigmund Freud*, tr. James Strachey (London: Hogarth Press, 1953) pp. 3041–53.

Films

Garam Hawa (dir. M.S. Sathya, 1974).

Khamosh Paani: Silent Waters (dir. Sabiha Sumar, 2003).

Subarnarekha (dir. Ritwik Ghatak, 1965)

B.A. (Hons.) ENGLISH (Generic Elective)

FIFTH SEMESTER

Paper XXIII: Literature and Cinema

Course Code: BH-ENG505

Credits:6

Max. Marks: 150

Internal Assessment: 30

Theory : 120

Time: 3 Hours

Course Outcomes:

1. The students will be acquainted the language of literature and films.
2. They will be able to understand the adaptations of literary works into films.
3. They will learn to understand the cultural diversities through films.
4. They will be able to develop critical understanding of an adaptation into films.

Note: (To be printed in the question paper)

1. The students are required to attempt five questions in all.
2. Question No.1 is compulsory.
3. Attempt one question from each of the 4 Units.
4. All questions carry equal marks.

Note for Paper-Setters:

1. The paper-setter will set 9 questions in all.
2. Besides question No.1, which is compulsory, a candidate shall attempt 4 questions selecting one question each from the four units, attempting five questions in all.
3. Question No. 1 shall have four short answer type questions evenly spread over all the four units. The student shall attempt all the four questions in about 150 words each.

Unit I

James Monaco: 'The language of film: signs and syntax', in *How To Read a Film: The World of Movies, Media & Multimedia*

Unit II

William Shakespeare, *Romeo and Juliet* and its adaptations

Unit III

Bapsi Sidhwa, *Ice Candy Man* and its adaptation *Earth*.

Unit IV

Ian Fleming, *From Russia with Love*, and its adaptation: *From Russia with Love*

Suggested Topics and Background Prose Readings for Class Presentation Topics

Theories of Adaptation Transformation and Transposition Hollywood and 'Bollywood'

The 'Two Ways of Seeing' Adaptation as Interpretation

Readings

1. Linda Hutcheon, 'On the Art of Adaptation', *Daedalus*, vol. 133, (2004).
2. Thomas Leitch, 'Adaptation Studies at Crossroads', *Adaptation*, 2008, vol. 1, no. 1, pp. 63–77.
3. Poonam Trivedi, 'Filmi Shakespeare', *Litfilm Quarterly*, vol. 35, issue 2, 2007.
4. Tony Bennett and Janet Woollacott, 'Figures of Bond', in *Popular Fiction: Technology, Ideology, Production, Reading*, ed. Tony Bennet (London and New York: Routledge, 1990).

Other films that may be used for class presentations:

1. William Shakespeare, *Comedy of Errors*, *Macbeth*, and *Othello* and their adaptations: *Angeer* (dir. Gulzar, 1982), *Maqbool* (dir. Vishal Bhardwaj, 2003), *Omkara* (dir. Vishal Bhardwaj, 2006) respectively.
2. Jane Austen, *Pride and Prejudice* and its adaptations: BBC TV mini-series (1995), Joe Wright (2005) and Gurinder Chadha's *Bride and Prejudice* (2004).
3. *Rudaali* (dir. Kalpana Lajmi, 1993) and *Gangoror* 'Behind the Bodice' (dir. Italo Spinelli, 2010).
4. Ruskin Bond, *Juno* (dir. Shyam Benegal, 1979), *The Blue Umbrella* (dir. Vishal Bhardwaj, 2005), and *Saat Khoon Maaf* (dir. Vishal Bhardwaj, 2011).
5. E.M. Forster, *Passage to India* and its adaptation dir. David Lean (1984).

Note:

- a) For every unit, 4 hours are for the written text and 8 hours for its cinematic adaptation (Total: 12 hours)

b) To introduce students to the issues and practices of cinematic adaptations, teachers may use the following critical material:

1. Deborah Cartmell and Imelda Whelehan, eds., *The Cambridge Companion to Literature on Screen* (Cambridge: Cambridge University Press, 2007).
2. John M. Desmond and Peter Hawkes, *Adaptation: Studying Film and Literature* (New York: McGraw-Hill, 2005).
3. Linda Hutcheon, *A Theory of Adaptation* (New York: Routledge, 2006).
4. J.G. Boyum, *Double Exposure* (Calcutta: Seagull, 1989).
5. B. Mcfarlens, *Novel to Film: An Introduction to the Theory of Adaptation* (Clarendon University Press, 1996).

B.A. (Hons.) ENGLISH (Core Course)

SIXTH SEMESTER

Paper XXIV: Modern European Drama

Course Code: BH-ENG601

Credits:6

Max. Marks: 150

Internal Assessment: 30

Theory : 120

Time: 3 Hours

Course Outcomes:

1. The students will be familiarized with the social drama.
2. They will be able to learn about the epic theatre.
3. They will be able to learn about the theatre of the Absurb.
4. They will understand the concept of Existentialism.

Note: (To be printed in the question paper)

1. The students are required to attempt five questions in all.
2. Question No.1 is compulsory.
3. Attempt one question from each of the 4 Units.
4. All questions carry equal marks.

Note for Paper-Setters:

1. The paper-setter will set 9 questions in all.
2. Besides question No.1, which is compulsory, a candidate shall attempt 4 questions selecting one question each from the four units, attempting five questions in all.
3. Question No. 1 shall have four short answer type questions evenly spread over all the four units. The student shall attempt all the four questions in about 150 words each.

Unit-I:	Henrik Ibsen:	<i>Ghosts</i>
Unit-II	Bertolt Brecht:	<i>The Good Woman of Szechuan</i>
Unit-III:	Samuel Beckett:	<i>Waiting for Godot</i>
Unit-IV	Eugene Ionesco:	<i>Rhinoceros</i>

Suggested Topics and Background Prose Readings for Class Presentations Topics

Politics, Social Change and the Stage

Text and Performance

European Drama: Realism and Beyond

Tragedy and Heroism in Modern European Drama

The Theatre of the Absurd

Readings

1. Constantin Stanislavski, *An Actor Prepares*, chap. 8, 'Faith and the Sense of Truth', tr. Elizabeth Reynolds Hapgood (Harmondsworth: Penguin, 1967) sections 1, 2, 7, 8, 9, pp. 121–5, 137–46.
2. Bertolt Brecht, 'The Street Scene', 'Theatre for Pleasure or Theatre for Instruction', and 'Dramatic Theatre vs Epic Theatre', in *Brecht on Theatre: The Development of an Aesthetic*, ed. and tr. John Willet (London: Methuen, 1992) pp. 68–76, 121–8.
3. George Steiner, 'On Modern Tragedy', in *The Death of Tragedy* (London: Faber, 1995) pp. 303–24.

B.A. (Hons.) ENGLISH (Core Course)

SIXTH SEMESTER

Paper XXV: Post-Colonial Literature

Course Code: BH-ENG602

Credits:6

Max. Marks: 150

Internal Assessment: 30

Theory : 120

Time: 3 Hours

Course Outcomes:

1. They will be able to develop a detailed knowledge and understanding of the histories, politics and theoretical concepts deployed by the term Post Colonialism.
2. They will be able to learn different approaches to culture, nationalism, multiculturalism.
3. How to think critically about the contents of exploration and colonialism in relation to postcolonial societies.
4. Understand the gender and race in the context of Post-colonial societies.

Note: (To be printed in the question paper)

1. The students are required to attempt five questions in all.
2. Question No.1 is compulsory.
3. Attempt one question from each of the 4 Units.
4. All questions carry equal marks.

Note for Paper-Setters:

1. The paper-setter will set 9 questions in all.
2. Besides question No.1, which is compulsory, a candidate shall attempt 4 questions selecting one question each from the four units, attempting five questions in all.
3. Question No. 1 shall have four short answer type questions evenly spread over all the four units. The student shall attempt all the four questions in about 150 words each.

Unit-I:	Chinua Achebe:	<i>Things Fall Apart</i>
Unit-II	Gabriel Garcia Marquez:	<i>Chronicle of a Death Foretold</i>
Unit-III:	Bessie Head:	‘The Collector of Treasures’
	Ama Ata Aidoo:	‘The Girl who can’
	Grace Ogot:	‘The Green Leaves’

Unit-IV	Pablo Neruda:	'Tonight I can Write', 'The Way Spain Was'
	Derek Walcott:	'A Far Cry from Africa', 'Names'
	David Malouf:	'Revolving Days', 'Wild Lemons'
	Mamang Dai:	'Small Towns and the River', 'The Voice of the Mountain'

Suggested Topics and Background Prose Readings for Class Presentations Topics

De-colonization, Globalization and Literature
 Literature and Identity Politics
 Writing for the New World Audience
 Region, Race, and Gender
 Postcolonial Literatures and Questions of Form

Readings

1. Franz Fanon, 'The Negro and Language', in *Black Skin, White Masks*, tr. Charles Lam Markmann (London: Pluto Press, 2008) pp. 8–27.
2. Ngugi waThiong'o, 'The Language of African Literature', in *Decolonising the Mind* (London: James Curry, 1986) chap. 1, sections 4–6.
3. Gabriel Garcia Marquez, the Nobel Prize Acceptance Speech, in *Gabriel Garcia Marquez: New Readings*, ed. Bernard McGuirk and Richard Cardwell (Cambridge: Cambridge University Press, 1987).

B.A. (Hons.) ENGLISH (Discipline Centric Elective)

SIXTH SEMESTER

Paper XXVI: Modern Indian Writing in English Translation

Course Code: BH-ENG603

Credits:6

Max. Marks: 150

Internal Assessment: 30

Theory : 120

Time: 3 Hours

Course Outcomes:

1. They will be able to understand the concept of modernity in Indian writing in English.
2. They will be able to understand the struggle of people to survive in modern India.
3. They will be able to understand the social and political history of 20th Century India.
4. They will understand the economic disparity on human relationship.

Note: (To be printed in the question paper)

1. The students are required to attempt five questions in all.
2. Question No.1 is compulsory.
3. Attempt one question from each of the 4 Units.
4. All questions carry equal marks.

Note for Paper-Setters:

1. The paper-setter will set 9 questions in all.
2. Besides question No.1, which is compulsory, a candidate shall attempt 4 questions selecting one question each from the four units, attempting five questions in all.
3. Question No. 1 shall have four short answer type questions evenly spread over all the four units. The student shall attempt all the four questions in about 150 words each.

Unit-I: Premchand: 'The Shroud', in *Penguin Book of Classic Urdu Stories*, ed. M. Assaduddin (New Delhi: Penguin/Viking, 2006).

Ismat Chughtai: 'The Quilt', in *Lifting the Veil: Selected Writings of Ismat Chughtai*, tr. M. Assaduddin (New Delhi: Penguin Books, 2009).

Gurdial Singh: 'A Season of No Return in Earthy Tones', tr. Rana Nayar (Delhi: Fiction House, 2002).

- Fakir Mohan Senapati: 'Rebati', in Oriya Stories, ed. Vidya Das, tr. KishoriCharan Das (Delhi: Srishti Publishers, 2000).
- Unit-II Rabindra Nath Tagore: 'Light, Oh Where is the Light?' and 'When My Play was with thee', in Gitanjali: A New Translation with an Introduction by William Radice (New Delhi: Penguin India, 2011).
- G.M. Muktibodh: 'The Void', (tr. Vinay Dharwadker) and 'So Very Far', (Tr. Vishnu Khare and Adil Jussawala), in The Oxford Anthology of Modern Indian Poetry, ed. Vinay Dharwadker and A.K. Ramanujam (New Delhi: OUP, 2000).
- Amrita Pritam: 'I Say Unto Waris Shah', (tr. N.S. Tasneem) in Modern Indian Literature: An Anthology, Plays and Prose, Surveys and Poems, ed. K.M. George, vol. 3 (Delhi: Sahitya Academy, 1992).
- Thangjam Ibopishak Singh: 'Dali, Hussain, or Odour of Dream, Colour of Wind' and 'The Land of the Half-Humans', tr. Robin S. Ngangom, in The Anthology of Contemporary Poetry from the Northeast (NEHU: Shillong, 2003).
- Unit-III: Dharamveer Bharati: *Andha Yug*, tr. Alok Bhalla (New Delhi: OUP, 2009)
- Unit-IV G. Kalyan Rao: *Untouchable Spring*, tr. Alladi Uma and M. Sridhar (Delhi: Orient BlackSwan, 2010).

Suggested Topics and Background Prose Readings for Class Presentations Topics

The Aesthetics of Translation
 Linguistic Regions and Languages
 Modernity in Indian Literature
 Caste, Gender and Resistance
 Questions of Form in 20th Century Indian Literature.

Readings

1. Namwar Singh, 'Decolonising the Indian Mind', tr. Harish Trivedi, Indian Literature, no. 151 (Sept./Oct. 1992).
2. B.R. Ambedkar, Annihilation of Caste in Dr. Babasaheb Ambedkar: Writings and Speeches, vol. 1 (Maharashtra: Education Department, Government of Maharashtra, 1979) chaps. 4, 6, and 14.

3. Sujit Mukherjee, 'A Link Literature for India', in *Translation as Discovery* (Hyderabad: Orient Longman, 1994) pp. 34–45.
4. G.N. Devy, 'Introduction', from *After Amnesia* in *The G.N. Devy Reader* (New Delhi: Orient BlackSwan, 2009) pp. 1–5.

B.A. (Hons.) ENGLISH (Discipline Centric Elective)

SIXTH SEMESTER

Paper XXVII: Literary Theory

Course Code: BH-ENG604

Credits:6

Max. Marks: 150

Internal Assessment: 30

Theory : 120

Time: 3 Hours

Course Outcomes:

1. They will be able to identify, analyze, and described the critical ideas values and themes that appear in Literary and cultural texts.
2. They will be able to interpret Literature by applying the theories.
3. They will be able to understand relationship between the Literature and society.
4. They will understand the emerging ideas with the help of theories.

Note: (To be printed in the question paper)

1. The students are required to attempt five questions in all.
2. Question No.1 is compulsory.
3. Attempt one question from each of the 4 Units.
4. All questions carry equal marks.

Note for Paper-Setters:

1. The paper-setter will set 9 questions in all.
2. Besides question No.1, which is compulsory, a candidate shall attempt 4 questions selecting one question each from the four units, attempting five questions in all.
3. Question No. 1 shall have four short answer type questions evenly spread over all the four units. The student shall attempt all the four questions in about 150 words each.

Unit-I: Marxism

- a. Antonio Gramsci: 'The Formation of the Intellectuals' and 'Hegemony (Civil Society) and Separation of Powers', in *Selections from the Prison Notebooks*, ed. and tr. Quentin Hoare and Geoffrey Novell Smith (London: Lawrence and Wishart, 1971) pp. 5, 245–6.
- b. Louis Althusser: 'Ideology and Ideological State Apparatuses', in *Lenin and Philosophy and Other Essays* (New Delhi: Aakar Books, 2006) pp. 85–126.

Unit-II **Feminism**

- a. Elaine Showalter: 'Twenty Years on: A Literature of Their Own Revisited', in *A Literature of Their Own: British Women Novelists from Bronte to Lessing* (1977. Rpt. London: Virago, 2003) pp. xi–xxxiii.
- b. Luce Irigaray: 'When the Goods Get Together' (from *This Sex Which is Not One*), in *New French Feminisms*, ed. Elaine Marks and Isabelle de Courtivron (New York: Schocken Books, 1981) pp. 107–10.

Unit-III: **Poststructuralism**

- a. Jacques Derrida: 'Structure, Sign and Play in the Discourse of the Human Science', tr. Alan Bass, in *Modern Criticism and Theory: A Reader*, ed. David Lodge (London: Longman, 1988) pp. 108–23.
- b. Michel Foucault: 'Truth and Power', in *Power and Knowledge*, tr. Alessandro Fontana and Pasquale Pasquino (New York: Pantheon, 1977) pp. 109–33.

Unit-IV **Postcolonial Studies**

- a. Mahatma Gandhi: 'Passive Resistance' and 'Education', in *Hind Swaraj and Other Writings*, ed. Anthony J Parel (Delhi: CUP, 1997) pp. 88–106.
- b. Edward Said: 'The Scope of Orientalism' in *Orientalism* (Harmondsworth: Penguin, 1978) pp. 29–110.
- c. Aijaz Ahmad: 'Indian Literature': Notes towards the Definition of a Category', in *In Theory: Classes, Nations, Literatures* (London: Verso, 1992) pp. 243–285.

Suggested Topics and Background Prose Readings for Class Presentations Topics

The East and the West
Questions of Alterity
Power, Language, and Representation
The State and Culture

Readings

1. Terry Eagleton, *Literary Theory: An Introduction* (Oxford: Blackwell, 2008).
2. Peter Barry, *Beginning Theory* (Manchester: Manchester University Press, 2002).

B.A. (Hons.) ENGLISH (Generic Elective)

SIXTH SEMESTER

Paper XXVIII: Text and Performance

Course Code: BH-ENG605

Credits:6

Max. Marks: 150

Internal Assessment: 30

Theory : 120

Time: 3 Hours

Course Outcomes:

1. They will be familiarized with the performing arts.
2. they will be able to understand the various theories of Drama.
3. They will be able to Learn Literature through theatre.
4. They will be familiarized with the different types of theatres.

Note: (To be printed in the question paper)

1. The students are required to attempt five questions in all.
2. Question No.1 is compulsory.
3. Attempt one question from each of the 4 Units.
4. All questions carry equal marks.

Note for Paper-Setters:

- 1.The paper-setter will set 9 questions in all.
2. Besides question No.1, which is compulsory, a candidate shall attempt 4 questions selecting one question each from the four units, attempting five questions in all.
3. Question No. 1 shall have four short answer type questions evenly spread over all the four units. The student shall attempt all the four questions in about 150 words each.

Unit-I Introduction

- (i) Introduction to theories of Performance
- (ii) Historical overview of Western and Indian theatre
- (iii) Forms and Periods: Classical, Contemporary, Stylized, Naturalist

Topics for Student Presentations:

- a. Perspectives on theatre and performance
- b. Historical development of theatrical forms
- c. Folk traditions

Unit-II Theatrical Forms and Practices

1. Types of theatre, semiotics of performative spaces, e.g. proscenium 'in the round', amphitheatre, open-air, etc.
2. Voice, speech: body movement, gestures and techniques (traditional and contemporary), floor exercises: improvisation/characterization

Topics for Student Presentations:

- a. On the different types of performative space in practice
- b. Poetry reading, elocution, expressive gestures, and choreographed movement

Unit-III Theories of Drama

1. Theories and demonstrations of acting: Stanislavsky, Brecht
2. Bharata

Topics for Student Presentations:

- a. Acting short solo/ group performances followed by discussion and analysis with application of theoretical perspectives

Unit-IV Theatrical Production

1. Direction, production, stage props, costume, lighting, backstage support.
2. Recording/archiving performance/case study of production/performance/impact of media on performance processes.

Topics for Student Presentations:

- a. All aspects of production and performance; recording, archiving, interviewing performers and data collection.

KURUKSHETRA UNIVERSITY, KURUKSHETRA

(Established by the State Legislature Act XII of 1956)

("A+" Grade, NAAC Accredited)

Scheme of Examination of One Year Certificate of Proficiency in French/German w.e.f. Session 2020-2021, Under Choice Based Credit System

Workload: 1 hour for teaching theory/text and 1 hour for composition / Practical for a group of 20 (Twenty) students.

Course Code	Course Name	Credit	Teaching hours per week	Scheme of Examination			Time
				Theory	Internal Assessment	Total Marks	
CIF-103	Personality Development (Open Elective)	02	02	40	10	50	2 hours
CIG-103	Personality Development (Open Elective)	02	02	40	10	50	2 hours

Scheme of Examination of One Year Diploma of Proficiency in French/German w.e.f. Session 2020-2021, Under Choice Based Credit System

Workload: 1 hours for teaching theory/text and 1 hour for composition / grammar for group of 20 (Twenty) students.

Course Code	Course Name	Credit	Teaching hours per week	Scheme of Examination			Time
				Theory	Internal Assessment	Total Marks	
DIF-204	English Communication-I (Open Elective)	02	02	40	10	50	2 hours
DIG-204	English Communication-I (Open Elective)	02	02	40	10	50	2 hours

Scheme of Examination of One Year Advance Diploma of Proficiency in French/German w.e.f. Session 2020-2021, Under Choice Based Credit System

Workload: 1 hour for teaching theory/text and 1 hour for composition / grammar for group of 20 (Twenty) students.

Course Code	Course Name	Credit	Teaching hours per week	Scheme of Examination			Time
				Theory	Internal Assessment	Total Marks	
ADF-305	English Communication-II (Open Elective)	02	02	40	10	50	2 hours
ADG-305	English Communication-II (Open Elective)	02	02	40	10	50	2 hours

Personality Development (open Elective) Certificate Course in French/German

Credits: 02

M.M: 50

Time: 02 Hours

Theory: 40, Internal Assessment: 10

Paper Code:

CIF-103 : Certificate of Proficiency in French

CIG-103: Certificate of Proficiency in German

Note: All questions are compulsory. Each question carries 10 marks.

1. The paper setter will set eight questions from Unit I to IV. (two from each unit)
2. The student shall attempt four questions in all choosing one from each unit.

Course Outcomes:

1. The students will learn the basics of personality.
2. They will learn the qualities of mentorship.
3. They will understand the importance of etiquettes in profession.
4. They will be acquainted with the parameters of verbal and non-verbal discussion.

UNIT – I

1. Definition and basics of personality
2. Body Language and Para Language
3. Self-introduction

UNIT – II

1. Listening skills
2. Barriers to listening
3. Overcoming the barriers

UNIT – III

1. Introduction to leadership
2. Group Dynamics/ Discussion
3. Qualities of Leadership

UNIT – IV

1. Public speaking/ Group discussions/ Voice modulation
2. Etiquettes related to professional competence
3. Grooming basics

Diploma of Proficiency in French/German (Open Elective)
English Communication-I

Credits: 02

M.M: 50

Paper Code:

DIF-204 : Diploma of Proficiency in French

DIG-204: Diploma of Proficiency in German

Time: 02 Hours

Theory: 40, Internal Assessment: 10

Note: All questions are compulsory.

Q. 1. The paper setter will set two questions from Unit II. The student shall attempt one out of the given two. (10)

Q. 2 This question shall be based on unit III. The student shall attempt one question out of two. (10)

Q. 3 There will be 25 grammatical items based on unit IV. The student shall attempt any 20 items. (20)

Note: Internal Assessment: The student shall be required to make a presentation/PPT based on unit I.

Course Outcomes:

1. The students will learn the rhetorics of presentation.
2. They will learn to comment and respond to correspondence.
3. They will learn the basics of grammar and composition.
4. They will be acquainted with verbal and non-verbal communication.

UNIT – I Listening and Speaking Skills

1. Listening Skills (Active-Passive, Accent)
2. Speaking Skills (Stress, Intonation, Assertion, Rhetorical questions)
3. Oral Presentation, Debates, Elocution and Extempore

UNIT – II Writing Skills

1. Report writing
2. Paragraph writing
3. Letter writing

UNIT – III Technical and Modern Communication

1. Resume writing
2. Email Writing
3. Blogs and Comments on Social Media

UNIT- IV Grammar

1. Common errors in the use of English
(Noun, Pronoun, Adjective, Adverb, Conjunction)
2. Correct use of verbs and Articles
3. Vocabulary: Homonyms, Homophones, Pair of words

Advance Diploma of Proficiency in French and German English Communication-II

Credits: 02

M.M: 50

Paper Code:

ADF-305 : Advance Diploma of Proficiency in French

ADG-305: Advance Diploma of Proficiency in German

Time: 02 Hours

Theory: 40, Internal Assessment: 10

Note: All questions are compulsory.

Q. 1. Based on Unit I the examiner will set 8 figures of speech. The students will attempt any 5. (10)

Q. 2 Based on Unit II, the examiner will set two parts in this question. Part (A) will be theoretical questions having 5 sub-parts and a student will attempt any 3 (6 Marks). Part (B) will be based on stress and transcription practice (4 Marks). (10)

Q. 3 Based on Unit III, the examiner will set 25 questions and a student will attempt 20 questions. (10)

Q.4 Based on Unit IV, the examiner will set 3 questions out of which a student will attempt any two. (5x2=10)

Note: Internal Assessment: A student will make/present a PPT on Vowels, Consonants, Diphthongs, Stress and Syllable.

Course Outcomes:

1. The students will learn the figures of speech.
2. They will learn production of speech sounds in English.
3. They will learn the basics of grammar.
4. They will be acquainted with verbal communication.

UNIT – I

Figure of Speech: Simile, Metaphor, Metonymy, Symbolism, Imagery, Hyperbole, Euphemism, Irony, Oxymoron.

UNIT – II

Phonetics: Consonants, Vowels, Diphthongs, Syllable Structure, Allophones, Word stress, Transcription of words with stress.

UNIT – III

Grammar: Pair of words, one word substitution, Subject-Verb Concord, Voice, Transformation of Sentence, Clauses.

UNIT- IV

- (a) Notice writing
- (b) Precis writing
- (c) Summarizing

**Department of Tourism and Hotel Management
Kurukshetra University, Kurukshetra**

**Under
Faculty of Commerce and Management,
Kurukshetra University, Kurukshetra**

PROGRAMME TITLE

**MASTERS IN HOTEL MANAGEMENT
&
CATERING TECHNOLOGY
(MHM&CT)**

**Under
(CBCS / LOCF)**

**w.e.f
Session: 2020-2022**

Program Outcomes for the Faculty of Commerce and Management

On successful completion of a program under Faculty of Commerce and Management, students will be able to develop:

- PO1. Soft skills and Working Skills: To comprehend, communicate and execute effectively and efficiently in all of their dealings.
- PO2. Leadership: To develop abilities to both lead and respect the views, positions and beliefs of others and to plan and manage effectively
- PO3. Innovativeness and Entrepreneurship: To explore issues and problems that needs solutions with entrepreneurial orientation
- PO4. Ethics and Values: To recognize, appreciate and follow ethical standards in all walks of life
- PO5. Adaptability and Sociability: Ready to understand and adapt the changing environment.
- PO6. Research and Analytical abilities: To Explore, analyses and provide solutions on emerging issues concerning various fields including public policy.
- PO7. Practical exposure and Employability: Exposure to actual working environment leading to employability
- PO8. Environmental Consciousness: In every action, dealing, service and manifestation

Programme Specific Objectives (PSO)
of
MHM &CT Programme

- PSO 1 To prepare students for entry level / middle managerial positions in hotels / allied areas (such as food & beverage service outlets; retails outlets; event / MICE companies; Tourism services companies; entertainment ; hospitality academics etc.)
- PSO 2 Knowledge of hotel functions & management
- PSO 3 Ability to work in different departments of the hotels / allied areas (such as food & beverage service outlets; retails outlets; event / MICE companies; Tourism services companies; entertainment hospitality academics etc.)
- PSO 4 Apply standard hotel management practices to operational & managerial work requirements.
- PSO 5 Becoming socially responsible hotel professional

**Masters in Hotel Management & Catering Technology Programme
(MHM&CT Programme)
under
(CBCS / LOCF)**

A postgraduate degree in Masters in Hotel Management & Catering Technology Programme (MHM&CT Programme) under Choice based credit system (CBCS / LOCF) will be awarded if the student complete **12 Core courses / papers in the discipline, 02 AECC courses, 3 SEC courses and 13 DSE courses / papers.**

**Proposed syllabus Structure of Masters in Hotel Management & Catering Technology
Programme (MHMCT Programme) under CBCS / LOCF**

Sem ester	CORE COURSE(CC) @6CREDITS	Ability Enhancement Compulsory Courses(AECC) @2 CREDITS	Skill Enhancement Courses (SEC) @2 CREDITS	Discipline Specific Elective (DSE) @6 CREDITS
1	CC-MHMCT-1	AECC-MHMCT-1	SEC-MHMCT-1	DSE-MHMCT-1
	CC-MHMCT-2		SEC-MHMCT-2	DSE-MHMCT-2
				DSE-MHMCT-3
				DSE-MHMCT-4
2	CC- MHMCT-3	AECC-MHMCT-2	SEC-MHMCT-3	DSE-MHMCT-5
	CC- MHMCT-4			DSE-MHMCT-6
				DSE-MHMCT-7
3	CC- MHMCT-5 A			DSE-MHMCT-8
	CC- MHMCT-5 B			DSE-MHMCT-9
	CC- MHMCT-5 C			DSE-MHMCT-10
	Or			DSE- MHMCT-11
	CC- MHMCT-5 D			
	CC- MHMCT-5 E			
	CC- MHMCT-5 F			
	CC- MHMCT-6			
4	CC- MHMCT-7A			DSE-MHMCT-12
	CC- MHMCT-7B			DSE-MHMCT-13
	CC- MHMCT-7 C			
	Or			
	CC- MHMCT-7 D			
	CC- MHMCT-8 E			
	CC- MHMCT-9 F			
	Or			

	CC- MHMCT-10 G			
	CC- MHMCT-11H			
	CC- MHMCT-12 I			
	CC- MHMCT-8			

AECC will be offered according to the time table adjustments in the University Teaching Department /College.

*MOOC Course from Swayam portal

General instructions:

1. One credit equivalent to 1 hour of teaching /2 hours of Practical work
2. One credit (teaching /Practical) equivalent to 20 marks

**Total credit hours for Masters in Hotel Management & Catering Technology Programme
(MHMCT Programme) under Choice based credit system (CBCS / LOCF)**

Course	Number of courses	Contact hrs	Credits
Core Course (CC)	12	6 (6x12=72)	72
Ability Enhancement compulsory course (AECC)	2	2 (2x2=4)	4
Skill Enhancement course (SEC)	3	6 (3x2=6)	6
Discipline Specific Elective Course (DSE)	13	6 (13x6=78)	78
Total	30	160	160

MHM & CT

(Detail Syllabus)

w.e.f

Session: 2020-2022

**Department of Tourism and Hotel Management
Kurukshetra University, Kurukshetra**

Programme- MHM&CT -2 Years

w.e.f

Session: 2020-2022

Semester I										
Course Code		Course Title	T	P/ T u.	C	Max Marks			Total Mark s	Pas s Ma rks
						Inte rnal	T	P		
CC- MHMCT-1	A	Front Office Operations (Theory)	4	0	4	16	64	-	80	32
	B	Front Office Operations (Practical)	0	4	2	08	-	32	40	16
CC- MHMCT-2	A	Housekeeping Operations (Theory)	4	0	4	16	64	-	80	32
	B	Housekeeping Operations (Practical)	0	4	2	08	-	32	40	16
DSC-MHMCT-1		Introduction to Hotel Industry	5	1	6	20	80	-	100	40
DSC-MHMCT-2		Fundamental of Management in Hotels	5	1	6	20	80	-	100	40
DSC-MHMCT-3		Hygiene, Sanitation & Medical Protocols	5	1	6	20	80	-	100	40
DSC-MHMCT-4		Tourism Business	5	1	6	20	80	-	100	40
SEC-MHMCT-1		ICT in Hotels	2	-	2	8	32	-	40	16
SEC-MHMCT-2		Hotel French –I	2	-	2	8	32	-	40	16
AECC-MHMCT-1		Communication Skills in Hotels	2	0	2	08	32	-	40	16
			34	12	42				760	

T-Theory, P- Practical, C-Credits, AECC - Ability Enhancement Compulsory Course, Skill Enhancement Course (SEC), Discipline Specific Elective (DSE)

Semester II										
Course Code		Course Title	T	P	C	Max Marks			Total Marks	Pass Marks
						Internal	T	P		
CC- MHMCT-	A	Food Production (Theory)	4	0	4	16	64	-	80	32
	B	Food Production (Practical)	0	4	2	08	-	32	40	16
CC- MHMCT-3	A	Food & Beverage Service (Theory)	4	0	4	16	64	-	80	32
	B	Food & Beverage Service (Practical)	0	4	2	08	-	32	40	16
DSE-MHMCT- 5		Hotel Laws	5	1	6	20	80	-	100	40
DSE-MHMCT-6		Basics of Event Management	5	1	6	20	80	-	100	40
DSE-MHMCT-7		Service Marketing	5	1	6	20	80	-	100	40
SEC- MHMCT-3		Hotel French –II	2	-	2	8	32		40	16
AECC-MHMCT-2		Environmental Practices in Hotels	2	-	2	8	32	-	40	16
			27	11	34				620	

T-Theory, P- Practical, C-Credits, AECC - Ability Enhancement Compulsory Course, Skill Enhancement Course (SEC)

03 MONTHS VOCATIONAL TRAINING / HOTEL INDUCTION TRAINING

Semester III

Course Code		Course Title	T	P	C	Max Marks			Total Marks	Pass Marks
						Internal	T	P		
DSE-MHMCT-8		HRM in Hotels	5	1	6	20	80	-	100	40
DSE-MHMCT-9		Entrepreneurship and Innovation in Hotels	5	1	6	20	80	-	100	40
DSE-MHMCT-10		Customer Relationship Mgt.	5	1	6	20	80	-	100	40
DSE-MHMCT-4		Financial management in hotels	5	1	6	20	80	-	100	40
OPTIONAL SPECIALIZATION (any one cluster)										
Specialization in Room Division										
CC-MHMCT-4	A	Advance Accommodation Management	5	1	6	20	80	-	100	40
	B	Advance Front Office Management	5	1	6	20	80	-	100	40
	C	Management of Housekeeping in Allied Sectors	5	1	6	20	80	-	100	40
Or Specialization in Food & Beverage Service Management										
CC-MHMCT-4	D	Specialized Catering Management	5	1	6	20	80	-	100	40
	E	F& B Control Management	5	1	6	20	80	-	100	40
	F	Bar operation & Management	5	1	6	20	80	-	100	40
COMPULSORY										
CC- MHMCT-5		Training Report & Viva- voce examination	-	-	12				300	
			35	7	54				1000	

T-Theory, P- Practical, C-Credits, SEC – Skill Enhancement Course

Semester IV (Specialization)											
Course Code		Course Title		T	P / T u.	C	Max Marks		Total Mark s	Pas s Ma rks	
							Inter nal	T P			
DSE- MHMCT-11		Research Methodology		5	1	6	20	80	-	100	40
DSE- MHMCT-12		Decision Science in Hotels		5	1	6	20	80	-	100	40
Optional Specialization (any one cluster)											
Specialization (Event Management)											
CC-MHMCT-6	A	Event Product & Logistics Planning		5	1	6	20	80	-	100	40
	B	MICE Events Planning & Management		5	1	6	20	80	-	100	40
	C	Specialized Events in Hotels		5	1	6	20	80	-	100	40
Or Specialization (Hotel Marketing)											
CC-MHMCT-6	D	Hotel Marketing Research		5	1	6	20	80	-	100	40
	E	Sales Management in Hotels		5	1	6	20	80	-	100	40
	F	Digital and Social Media Marketing		5	1	6	20	80	-	100	40
Or Specialization (Human Resource)											
CC-MHMCT-6	G	Strategic HRM		5	1	6	20	80	-	100	40
	H	Training & Development in Hotels		5	1	6	20	80	-	100	40
	I	Employee Motivation and Welfares in Hotel		5	1	6	20	80	-	100	40
Compulsory											
CC-MHMCT-7		Dissertation in the area of specialization in Semester IVth & Viva Voce		-	-	12	-	-	-	300	
				25	5	42				800	

T-Theory, P- Practical, C-Credits, Core, SEC- Skill Enhancement Course

TOTAL SEMESTERS & CREDITS

Marks Distribution	Sem 1	Sem 2	Sem 3	Sem 4	Total
Credits allocated	42	34	54	42	172
Marks in Each Sem	760	620	1000	800	3,180
Grand Total Marks	3,180				
Grand Total credits	172				

SEMESTER I

CC-MHMCT-1 (A) FRONT OFFICE OPERATIONS (THEORY)		
Credits –04		
External Marks -64		
Internal Marks -16		
Total Marks-80		
COURSE OBJECTIVES: Co 1: Examining importance of front office and guest cycle. Co 2: Understanding the function, handling of situations and key control. Co 3: Summarizing organizational structure of front office and its coordination. Co 4: Memorizing guestrooms, tariff and guest cycle.		
UNIT-I	Hotel Front Office: Introduction, importance in hotel, Layout of the front office department Guest Cycle: Pre-Arrival, Arrival, Occupancy, Departure, Post Departure. Room tariff and room rates.	CO 1
UNIT-II	Role and function: Reception, reservation, registration and method of payment Handling Various: Complaints and emergency situations Keys and key control: Types of keys, handling guestroom keys and its control	CO 2
UNIT-III	Guest Departure and Guest Accounting: Folio, Ledgers, settlement of accounts, handling vouchers, Express check out and group departures, Message and left luggage handling procedure Cash and Credit Control	CO 3
UNIT-IV	Front Office Cashier Role of the Front desk cashier, Importance of front office cash, Duties and responsibilities of front desk cashier. Night Auditing: Introduction, Objective, functions and job description of Night Auditor, Night Audit process, Preparing night audit reports.	CO 4

SUGGESTED TEXT BOOKS

- Andrews, S. (2017). Hotel Front Office: A Training Manual. McGraw Hill Education; Third edition.
- Bhatnagar, S. K. (2011). Front Office Management. Frank Bros.
- Tewari, J. (2016). Hotel Front Office: Operations and Management. Oxford University Press; Second edition.

SUGGESTED REFERENCE BOOKS

- Gonda, M. C. (2015). Handbook of Attire & Grooming. Embassy Books; First edition.
- Kasavana, L. M, Cahil, J. J (1992). Managing Computers in the Hospitality Industry. Educational Institute of the Amer Hotel; 2nd edition
- Smart Family (2018). All Countries, Capitals and Flags of the World!.CreateSpace Independent Publishing Platform.
- Bardi, A. J. (2012). Hotel Front Office Management. Wiley India Pvt Ltd; Fifth edition.

- Bhakta, A. (2011). Professional Hotel Front Office Management. McGraw Hill Education.
- Kasavana, L. M. (2000). Managing Front Office Operations. Educational Institute of the American Hotel & Motel Association; 5th edition edition
- Woods, H. R., Ninemeier, J. D., Hayes, D. K. and Austin, M. A (2013). Professional Front Office Management: Pearson New International Edition, Pearson Education Limited; illustrated.

**MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE
CC-MHMCT-1 (A)**

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	2	1	1	2	2	1	3	1
Co 2	1	2	1	2	2	1	3	1
Co 3	1	1	2	1	1	1	2	1
Co 4	1	1	1	1	1	2	3	1
	1.25	1.25	1.25	1.5	1.5	1.25	2.75	1

**MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE CC-
MHMCT-1(A)**

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	2	3	2	2	2
Co 2	2	3	2	3	2
Co 3	2	3	2	2	1
Co 4	3	3	2	3	1
	2.25	3	2	2.5	1.5

**MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM
SPECIFIC OBJECTIVE CC-MHMCT-1 (A)**

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
Co 1	2	1	1	2	2	1	3	1	2	3	2	2	2
Co 2	1	2	1	2	2	1	3	1	2	3	2	3	2
Co 3	1	1	2	1	1	1	2	1	2	3	2	2	1
Co 4	1	1	1	1	1	2	3	1	3	3	2	3	1
	1.2 5	1.2 5	1.25	1.5	1.5	1.25	2.75	1	2.25	3	2	2.5	1.5

CC-MHMCT-1 (B) FRONT OFFICE OPERATIONS (PRACTICAL)	
	Credits –02
	External Marks -32
	Internal Marks -08
	Total Marks-40
<ul style="list-style-type: none"> • Grooming Standards of front office personnel • Attributes and qualities of for new entrants/employees in the front office • Basic front office terminology. • Forms and Formats • Skills to handle telephones • Handling various category of guests, with children, business travellers, single woman traveller, differently abled travellers • Familiarization with first aid kit and its contents. 	

CC- MHM&CT-2 (A) HOUSEKEEPING OPERATIONS (THEORY)		
Credits –04 External Marks -64 Internal Marks -16 TotalMarks-80		
COURSE OBJECTIVES: CO1 Identify the elements involved in the managing of accommodation operations CO2 Develop the skills and knowledge of the handling housekeeping operations CO3 Familiarise with linen room management in hotels CO4 Ability to handle emergency situations and security and safety of guest during stay in the hotel.		
UNIT- I	MANAGING HOUSEKEEPING OPERATIONS <ul style="list-style-type: none"> • Role of Housekeeping in Guest Satisfaction and Repeat Business. • Calculating standard time taken for performing tasks – productivity standards • Frequency schedules • Job Allocation • Work Schedules • Duty rosters • Work study • Ergonomics in housekeeping 	CO1
UNIT- II	CLEANING ORGANISATION AND ROUTINE SYSTEMS OF HOUSE KEEPING DEPARTMENT <ul style="list-style-type: none"> • Principles of cleaning • hygiene and safety factors in cleaning • Methods of organising cleaning • Frequency of cleaning daily, periodic, special Furniture/ Fixtures/ Reporting Staff placement • Room Occupancy Report • Guest Room Inspection • Entering Checklists, Floor Register Work Orders, Log Sheet. • Lost and Found Register and Enquiry File • Maid's Report and Housekeeper's Report • Handover Records • Guest's Special Requests Register • Record of Special Cleaning • Call Register • VIP Lists • Handling over at end of the shift 	CO2

UNIT-III	LINEN ROOM MANAGEMENT <ul style="list-style-type: none"> • Activities of the linen room • Location, planning and layout of the linen room • Linen items used in the hotel • Selection criteria for various linen items • Calculation of linen requirements • Purchase of linen • Linen cycle and linen control • Daily routine control of linen procedures and records • Stocktaking procedures and records • Recycling of discarded linen • The importance of providing uniforms to staff • Selection and design of uniforms • Issuing and exchange of uniforms Procedures and records • Planning the layout of the uniform room • Activities of the sewing sections • Areas and equipment to be provided 	CO3
UNIT- IV	HANDLING EMERGENCY SITUATIONS AND TRENDS <ul style="list-style-type: none"> • Safety awareness and accident prevention –Procedure to be followed in the event of an accident. • Illness and First Aid procedures to combat the illness • Death of a guest • Fire Safety – detection and fire-fighting Procedure to be followed in the event of fire. • Dealing with emergency situations – bomb threats, natural disasters, etc. • Waste disposal • Related Case Studies • Trends in Housekeeping and front office operations 	CO4

SUGGESTED TEXT BOOKS

- Hotel Housekeeping Operations & Management by Raghubalan, Oxford University Press.
- Hotel House Keeping A Training Mannual by Sudhir Andrews, Tata McGraw Hill publishing company limited New Delhi.

SUGGESTED REFERENCE BOOKS

- Hotel Hostel and Hospital Housekeeping by Joan C Branson & Margaret Lennox, ELBS with Hodder & Stoughten Ltd.
- House Keeping Management by Matt A. Casado; Wiley Publications

- Management of Hotel & Motel Security (Occupational Safety and Health) by H. Burstein, CRC Publisher.
- Managing Housekeeping Operations by Margart M. Kappa, CHHE, American Hotel & Lodging Associations.
- Professional management of Housekeeping by Manoj Madhukar, Rajat Publications
- Professional Management of Housekeeping Operations (II Edn.) by Robert J. Martin & Thomas J.A. Jones, Wiley Publications

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE (CC- MHM&CT-2 (A))

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	1	1	1	2	1	1	2	2
Co 2	1	2	2	1	1	1	2	1
Co 3	1	2	1	1	1	1	2	1
Co 4	1	1	1	2	2	1	1	1
	1	1.5	1.25	1.5	1.25	1	1.75	1.25

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE CC-MHM&CT-2 (A)

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	3	2	2	2	1
Co 2	3	3	2	2	1
Co 3	3	2	2	2	1
Co 4	2	2	2	2	2
	2.75	2.25	2	2	1.25

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE CC- MHM&CT-2 (A)

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
Co 1	1	1	1	2	1	1	2	2	3	2	2	2	1
Co 2	1	2	2	1	1	1	2	1	3	3	2	2	1
Co 3	1	2	1	1	1	1	2	1	3	2	2	2	1
Co 4	1	1	1	2	2	1	1	1	2	2	2	2	2
	1	1.5	1.25	1.5	1.25	1	1.75	1.25	2.75	2.25	2	2	1.25

CC- MHM&CT-2 (B) ACCOMMODATION OPERATIONS (PRACTICAL) Credits –02 External Marks -32 Internal Marks -08 TotalMarks-40	
<ul style="list-style-type: none"> • Guest room Orientation (Single, Double, Twin and Suite room) • Guest room supplies and placement (Standard room and VIP amenities) • Soft Furnishing • Introduction to Cleaning equipment and handling • Setting up of Chambermaid's trolley • cleaning agents (familiarization and function) • Cleaning of public areas • Brasso and Silvo • Wooden surfaces- polished, painted, laminated. • Cleaning of glass surfaces • Wall cleaning-Dado/skirting • Procedure for cleaning Bed Rooms & Bathrooms • Evening Service • Bed making (identifying of linen and step by step procedure for a day bed using traditional and modern methods) 	

DSC- MHM&CT- 1 INTRODUCTION TO HOTEL INDUSTRY		
Credits –06 External Marks -80 Internal Marks -20 Total Marks-100		
COURSE OBJECTIVES: Co 1 Knowledge of National and International Hotel Industry and enhance ability to classify various types of hotels. Co 2 Develop an understanding of functions, organizational structure of major departments in a hotel. CO3 Recognize different type of rooms and its features. CO4 Cultivate the attributes and skills required to work efficiently in a hotel. Also recognize the latest trends of hotel industry.		
Unit-I	INTRODUCTION TO HOTEL INDUSTRY <ul style="list-style-type: none"> • Introduction, definition, origin and importance of hospitality industry. A brief history of hotels – India & Abroad • Classification of hotels based on – Location, Size, Type of guest, Length of stay of guest. Ownership basis- Independent Hotels, Affiliation and Accreditation. Ownership basis- Management contracts, Franchise, Chain Hotels. Vacation ownership/Time share and Condominium Hotels with examples of hotel groups involved in this business concept • On the Basis of Star Grading- Star ratings and Heritage Classifications, Government's Classification Committee adopted in India, Basis on which Star ratings are granted along with the Performa of Star Classification. • OVERVIEW OF OTHER CONCEPTS- Spa, Boutique hotels, All Suite, Budget Hotels, Green Hotels, Ecotels etc. • Major hotel chains. 	CO 1
UNIT- II	INTRODUCTION TO HOTEL DEPARTMENTS <ul style="list-style-type: none"> • Introduction to front of house areas and Back of house areas of Hotel. Organizational structure of star categorized hotels. • Organisational Structure, functions and sections of Front Office, Housekeeping, F & B Service, F & B Production departments. • Functions of ancillary departments- Engineering & 	CO 2

	<p>Maintenance Department, Human Resource Department, Finance Department, Accounts Department, Marketing & Sales Department, and Material Management & Purchasing Department.</p> <ul style="list-style-type: none"> • Job analysis of major position (Room Division and F & B Department) • Inter departmental Communication. 	
UNIT-III	<p>GUEST ROOM & PUBLIC AREA FACILITIES</p> <ul style="list-style-type: none"> • Types of rooms • Meal Plans (AP, MAP, CP, and EP). • Room Status Terminology • Standard layout (single, double, twin, suite rooms) • Smoking, Non Smoking & Barrier free rooms • Room Facilities and Room Supplies for standard rooms and VIP guest rooms. • Room Tariff • Public Area Facilities. 	CO 3
UNIT- IV	<p>IMPRESSION MANAGEMENT</p> <ul style="list-style-type: none"> • Attribute to work in hotel industry <ul style="list-style-type: none"> • Importance of looking presentable & attractive Right dressing & make-up, Hair & inner-glow Poise & Posture Eye-Contact & body language Physical fitness Appearance Speech-vocabulary, pronunciation, diction, voice tone, clarity Body language-verbal, non-verbal, postures, eye-contact etc Emerging trends, latest developments and future of hotel industry. 	CO4

SUGGESTED TEXT BOOKS

- Food & Beverage Training Manual– Sudhir Andrews (Tata McGraw Hill).
- Front Office Training Manual– Sudhir Andrews (Tata McGraw Hill).
- Housekeeping Training Manual– Sudhir Andrews (Tata McGraw Hill).
- Introduction to Tourism & Hospitality Industry – Sudhir Andrews – TATA Mc Graw Hill

SUGGESTED REFERENCE BOOKS

- Managing Hospitality Operations – Mohinder Chand, Anmol Publications New Delhi.
- Hotel Management-educational & environmental aspects-Yogender K. Sharma
- Hotel, Hostel and Hospital Housekeeping – Joan C Branson & Margaret Lennox

- Introduction to Hospitality-John R.Walker University of South Florida Publisher: Prentice Hall
- Managing Front Office Operations – Kasavana & Brooks

**MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE DSC- MHM&CT-
1**

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	1	1	1	1	1	1	2	1
Co 2	1	1	1	1	1	1	2	1
Co 3	1	1	1	1	1	1	2	1
Co 4	3	2	2	1	3	2	1	1
	1.5	1.25	1.25	1	1.5	1.25	1.75	1

**MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE DSC-
MHM&CT- 1**

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	2	2	3	1	1
Co 2	3	3	3	2	1
Co 3	2	3	2	2	1
Co 4	3	2	3	2	1
	2.5	2.5	2.75	1.75	1

**MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM
SPECIFIC OBJECTIVE DSC- MHM&CT- 1**

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
Co 1	1	1	1	1	1	1	2	1	2	2	3	1	1
Co 2	1	1	1	1	1	1	2	1	3	3	3	2	1
Co 3	1	1	1	1	1	1	2	1	2	3	2	2	1
Co 4	3	2	2	1	3	2	1	1	3	2	3	2	1
	1.5	1.2 5	1.25	1	1.5	1.25	1.75	1	2.5	2.5	2.75	1.75	1

DSC-MHMCT-2 FUNDAMENTAL OF MANAGEMENT IN HOTELS**Credits – 04****External Marks - 80****Internal Marks - 20****Total marks – 100****COURSE OBJECTIVES:**

- Co 1 : Familiarizing with the concept of Management
Co 2 : Integrate planning, decision making & organizing
Co 3 : Telling about staffing, directing & motivation
Co 4 : Explaining leadership & choose various control method

UNIT- I	CONCEPT OF MANAGEMENT Definition of Management: Art and Science, Management Vs Administration, Levels of Management, Functions of management, Management as a Profession, Management skills, Qualities and characteristics of managers. Evolution of Management thought: Traditional approach - Taylor and Scientific Management, Fayol's Administrative Management, Bureaucracy, Human Relations, and Modern Approach, Social responsibility of managers, Managerial Ethics.	CO 1
UNIT- II	PLANNING Concept of planning, Significance of planning, Classification of planning: Strategic plan, Tactical plan and Operational plan, Process of planning, Barriers to effective planning. MBO, Management by Exception. Decision Making: Strategies of decision making, Steps in rational decision making process, Factors influencing decision making process, Psychological bias and decision support system. Organizing: Defining organising, Principles of organising, Process of organising, Types of organizational structure, Span of control, Centralization vs. Decentralization of authority. Informal organization.	CO 2
UNIT- III	STAFFING, DIRECTING AND MOTIVATION Staffing: Concept, Objective of staffing, System approach to staffing, Manpower planning. Directing: Concept, Techniques of directing and supervision, Types of supervision, Essential characteristics of supervisor. Motivation: Concept, Forms of employee motivation, Need for motivation. Theories of motivation.	CO 3
UNIT- IV	LEADERSHIP AND CONTROL Leadership vs Management, Process of Leadership, Importance of leadership, Characteristics of an effective leader. Controlling: Concept, Importance of controlling, Types of control, Steps in control process.	CO4

REFERENCE:

- Weihrich, Heinz, Mark V Cannice & Harold Koontz: Management: A Global and Entrepreneurial Perspective, Tata McGraw –Hill, New Delhi.
- Ghuman, Karminder & K. Aswathappa: Management: Concept, Practice & Case, Tata McGraw – Hill, New Delhi.
- Stoner, Freeman & Gilbert Jr. (2009). Management. New Delhi: Prentice Hall.
- Becker, P.E, The Practices of Management, London, 1955.
- May, D., The Evolution of Management Thought. Ronald Press, New York, 1972.
- Singh, A.N., The Skills of Management, GoverEarnborough, 1980.

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE DSE-MHMCT-2

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	3	3	3	3	3	3	3	2
Co 2	3	3	3	3	3	3	3	2
Co 3	3	3	3	3	3	3	3	2
Co 4	3	3	3	3	3	3	3	2
	3	3	3	3	3	3	3	2

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE DSE-MHMCT-2

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	3	3	3	3	3
Co 2	3	3	3	3	3
Co 3	3	3	3	3	3
Co 4	3	3	3	3	3
	3	3	3	3	3

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE DSE-MHMCT-2

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
Co 1	3	3	3	3	3	3	3	2	3	3	3	3	3
Co 2	3	3	3	3	3	3	3	2	3	3	3	3	3
Co 3	3	3	3	3	3	3	3	2	3	3	3	3	3
Co 4	3	3	3	3	3	3	3	2	3	3	3	3	3
	3	3	3	3	3	3	3	2	3	3	3	3	3

DSC-MHMCT-4 HYGIENE, SANITATION AND MEDICAL PROTOCOLS Credits –04 External Marks -64 Internal Marks -16 TotalMarks-80		
COURSE OBJECTIVES: Co 1: Creating awareness about Hygiene in accommodation and catering Industry Co 2: Develop sensitivity and high work ethics towards cleanliness and hygiene and the factors that contribute to it. Co 3 : Develop knowledge towards food hygiene and safety aspects Co 4: Construct management practices and WHO guidelines		
UNIT-I	HYGIENE AND SANITATION IN HOSPITALITY SECTOR Hygiene, Sanitation, meaning, uses in hotel industry Importance of hygiene and sanitation in catering industry Personal hygiene for staff members in the hotels and special emphasis on those coming in contact with the guest GHP for commodities, equipment, work area and personnel Cleaning and disinfection (Methods and agents commonly used in the hospitality industry)	CO 1
UNIT-II	Premises and Equipment care Design of premises Indoor environment management Protective clothing, selection, efficiency, comfort, care and maintenance. Pest control Air, Water and waste Disposal	CO 2
UNIT-III	FOOD SAFETY Basic Introduction To Food Safety General Principles of Food Hygiene kitchen Hygiene Food Hygiene Regulations, Food Safety Act Food Hazards & Risks, Contaminants HACCP & Its terminologies	CO 3
UNIT-IV	MANAGEMENT PRACTICES AND WHO GUIDELINES Management team to address health threats Recent concern for emerging pathogens Handling cases of illness and pandemic (Covid-19) Guideline & Specifications for tourism & Hotel Industry.	CO 4

SUGGESTED TEXT BOOKS

- Food Hygiene- Kavita Ed Marwaha
- Handbook of Hygiene and Public Health- Bedi Y.P.

SUGGESTED REFERENCE BOOKS

- Food and Hygiene- William Tibbles
- Elements of Hygiene and sanitation- Theodore Hough
- Food Hygiene and Sanitation – S. Roday-Hill Publication
- The Essentials of Food Safety and Sanitation- David McSwane, Nancy R. Rue

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE DSC-MHMCT-4

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	1	2	2	2	2	1	2	2
Co 2	1	1	2	2	2	2	1	3
Co 3	1	1	1	2	2	2	2	2
Co 4	1	1	1	2	2	3	1	2
	1	1.25	1.5	2	2	2	1.5	2.25

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE DSC-MHMCT-4

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	2	1	1	1	2
Co 2	2	2	1	1	3
Co 3	2	2	2	2	2
Co 4	1	1	1	2	3
	1.75	1.5	1.25	1.5	2.5

**MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM
SPECIFIC OBJECTIVE DSC-MHMCT-4**

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
Co 1	1	2	2	2	2	1	2	2	2	1	1	1	2
Co 2	1	1	2	2	2	2	1	3	2	2	1	1	3
Co 3	1	1	1	2	2	2	2	2	2	2	2	2	2
Co 4	1	1	1	2	2	3	1	2	1	1	1	2	3
	1	1.2 5	1.5	2	2	2	1.5	2.25	1.75	1.5	1.25	1.5	2.5

DSC-4 MHM&CT- FUNDAMENTALS OF TOURISM BUSINESS Credits –06 External Marks -80 Internal Marks -20 TotalMarks-100		
COURSE OBJECTIVES: Co 1 Knowledge of basic concepts and essentials of Destination Co 2 Analysis of Tourism Demand & Travel Motivations Co 3 Identify travel and tourism sector stakeholders and their role Co 4 Recognize the travel documentations and analyse the future trends		
Unit-I	BASIC CONCEPTS OF TOURISM <ul style="list-style-type: none"> • Meaning and Definitions Tourism, • Characteristics of Tourism, • Forms & Types of tourism • 5 A's of Tourism • Concept of Destination • Tourism System- Leiper Model • Environmental, Economic, Socio-cultural Impacts of Tourism. • Doxey's Irridex Index- Demonstration Effect • Butler's Tourism Area Life Cycle (TALC) 	CO 1
UNIT- II	TOURISM DEMAND & MOTIVATIONS <ul style="list-style-type: none"> • Travel Motivation: Concept • Theory of Travel Motivations • Crompton's Push and Pull Theory • Tourism Demand • Typology of Tourists, Tourist Plog's Allo-centric and Psycho-centric Model of Destination Preferences. 	CO 2
UNIT-III	TOURISM SECTOR Type and Role of following stakeholder in Tourism Industry. <ul style="list-style-type: none"> • Hospitality • Intermediaries • Transport • Government & Tourism- Major Tourism Schemes of Government of India: Visa on Arrival (VOA), PRASAD Scheme, HRIDAY Scheme, Travel Circuits; Incredible India 	CO 3
UNIT- IV	TRAVEL ESSENTIALS <ul style="list-style-type: none"> • Travel Documents: Passport, VISA, Health regulations for International tourist, Special permits, Custom Regulations, Emigration and immigration • Crisis management & Tourism 	CO4

- | | | |
|--|--|--|
| | <ul style="list-style-type: none"> • Future Trends and prospects of Tourism | |
|--|--|--|

SUGGESTED TEXT BOOKS

- Swain, K.S & Mishra, M.M. (2012). Tourism Principles and Practices. Delhi: Oxford University
- Bhatia A.K. (2002), International Tourism Management, Sterling Publishers, New Delhi.
- Roday. S, Biwal. A & Joshi. V. (2009). Tourism Operations and Management, Oxford University Press, New Delhi.

SUGGESTED REFERENCE BOOKS

- Goeldner, C.R. & Brent Ritchie, J.R. (2006). Tourism, Principles, Practices, Philosophies. John Wiley and Sons, New Jersey.
- Page Stephen J. Brunt Paul, Busby Graham and Cornell .J (2007). Tourism: Modern Synthesis. Thomson Learning. London. U.K.
- Gee, Chuck Y., James C. Makens,, and Dexter J.L. Choy. (1997). The Travel Industry, Van Nostrand Reinhold, New York.
- Youell, R.(1998). Tourism-An Introduction. Addison Wesley Longman, Essex.
- Michael M. Coltman. (1989). Introduction to Travel and Tourism- An International Approach. Van Nostrand Reinhold, New York.
- Burkart A.J., Medlik S. (1992). Tourism - Past, Present and Future. Heinemann, London.

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE DSC-4 MHM&CT

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
aCo 1	1	2	2	1	1	1	3	1
Co 2	1	2	2	1	1	1	3	1
Co 3	1	2	2	1	1	1	3	1
Co 4	2	2	2	1	1	1	3	1
	1.25	2	2	1	1	1	3	1

**MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE DSC-4
MHM&CT**

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	3	1	3	1	1
Co 2	3	1	3	1	1
Co 3	3	2	3	1	1
Co 4	3	1	3	1	1
	3	1.25	3	1	1

**MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM
SPECIFIC OBJECTIVE DSC-4 MHM&CT**

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
Co 1	1	2	2	1	1	1	3	1	3	1	3	1	1
Co 2	1	2	2	1	1	1	3	1	3	1	3	1	1
Co 3	1	2	2	1	1	1	3	1	3	2	3	1	1
Co 4	2	2	2	1	1	1	3	1	3	1	3	1	1
	1.2 5	2	2	1	1	1	3	1	3	1.25	3	1	1

SEC-MHMCT-1 ICT IN HOTELS

Credits – 02
External Marks - 32
Internal Marks - 08
Total marks –40

COURSE OBJECTIVES:

- Co 1 : Describing Computers; its characteristics & application of computers
 Co 2 : Discussing internet, its uses & understanding Word
 Co 3 : Practicing Excel & PowerPoint for effective managerial presentation
 Co 4 : Planning E-Commerce, its features & different types of ecommerce

UNIT- I	Information to Computers, Characteristics of Computers, applications of Computers in hotel industry, Different unit of Computers, Components of Computers, Input/output and auxiliary storage devices	CO 1
UNIT- II	Internet: concepts of Internet, Use of Internet, requirements of Internet, Internet Domain, Internet Server, Establishing Connectivity on the Internet, types of Internet providers, Procedure of Opening E-mail Account on Internet, Browsing the Internet, Internet and Chatting, Internet Phone and Video. Introduction to MS word – Creating – Editing – Formatting – Saving documents – Types of document format – Mail Merge features – Parts of MS word window – Features of Ribbons – Using MS word Tools – Spelling and Grammar – Mail merge – Printing Envelops and labels	CO 2
UNIT-III	Introduction of Spreadsheet & excel - Getting started with excel- Editing cells - Using commands and functions - Moving and copying - Inserting and deleting rows & columns -Getting help and formatting a worksheet - Printing the worksheet - Creating charts - Using date and time - Addressing modes - Naming ranges – Statistical and mathematical functions.-Database in a worksheet – Additional formatting commands and drawing tool bar – Internet usage in Business Email - Multiple worksheets and macros. Introduction to MS Power Point - Power point basics - Editing text - Adding subordinate points -Deleting slides - Working in outline view - Using design templates - Adding graphs – Adding organization Charts - Running an electronic slide show - Adding special effects - Creating Presentation using MS power point	CO 3
UNIT- IV	E-Commerce Concepts: Meaning, Definition, Concepts, Features, Function of E-commerce, E-commerce practices v/s traditional practices, scope & Basic models of E-commerce, Limitations of E-commerce, Precaution for secure E-commerce. Types of E-commerce: Meaning of Business to Customers (B2C), Business to Business (B2B), Consumer to Consumer (C2C), Peer to Peer (P2P), A brief overview on: E-Marketing, E-Payments & E-Finance. Introduction to Information and Communication Technology: Definition, ICT in Hospitality sector: Accommodation establishment, types and ICT utilization, strategic and tactical role of ICTs for Hotels, Issues for future of E-hospitality	CO4

REFERENCE:

- Leon Alexis and Mathews Leon: Introduction to Computers, Vikas Publishing House Pvt Ltd. New Delhi
- Bhatnagar S C and Ramani K V: Computers and information management. A Primer for Practicing Managers, New Delhi, Prentice Hall of India Pvt. Ltd.
- Bansundara, S: Computer Today.
- Goel Ritender and D N Kakkar: Computer Application in Management, New Age International Publishers, New Delhi.
- Ragaraman, V: Fundamental of Computers, PHI, New Delhi.

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE SEC-MHMCT-1

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	2	3	3	2	3	3	3	1
Co 2	2	3	3	2	3	3	3	1
Co 3	2	3	3	2	3	3	3	1
Co 4	2	3	3	2	3	3	3	1
	2	3	3	2	3	3	3	1

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE SEC-MHMCT-1

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	2	2	2	2	1
Co 2	2	2	2	2	1
Co 3	2	2	2	2	1
Co 4	2	2	2	2	1
	2	2	2	2	1

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE SEC-MHMCT-1

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
Co 1	2	3	3	2	3	3	3	1	2	2	2	2	1
Co 2	2	3	3	2	3	3	3	1	2	2	2	2	1
Co 3	2	3	3	2	3	3	3	1	2	2	2	2	1
Co 4	2	3	3	2	3	3	3	1	2	2	2	2	1
	2	3	3	2	3	3	3	1	2	2	2	2	1

SEC-MHMCT-2 HOTEL FRENCH -I			Credits –02
			External Marks -32
			Internal Marks -08
			TotalMarks-40
CO 1 Identify & use small French expression, vocabulary, articles indefinite & definite, auxiliary 1 st group verbs CO 2 Reading & Reciting various Expressions/vocabulary used for seasons, colors & telling the time; Counting (51-100); Translation; Comprehension based on simple text basic French introduction, fruits, vegetables & 1st group French verbs. CO 3 Describing & role playing various French conversation. Co 4 familiarizing for with tourism & hospitality related situations & grammar.			
Unit I	Unit 1 (French Basics-I) Vocabulary & written expression: Expressions used for introduction, greetings, salutations; Days of the week; Month of the year; counting (1-50); translation (simple) Grammar: Definite article; Indefinite article; Subjective pronouns; Conjugation of auxiliary verbs & first group verbs (-er group in positive form in present tense) Oral/Situation: Presentez-vous: (in conversation) Civilization: Name of various countries and their nationality in French.	CO1	
Unit II	Unit-II (French Basics-II) Vocabulary & written expression: Expressions/vocabulary used for seasons, colours & telling the time; Counting (51-100); Translation; Comprehension based on simple text Grammar: Pronouns: Conjugation of first group verbs in negative & interrogative Adjectives. Oral/Situation: to be given by concern teacher Civilization: Name & description of Indian festivals & their importance-(2); Important Indian dishes, their preparation & ingredients-(2)	CO2	
Unit III	Unit-III (Book: Bon Voyage , Unit-I: Embarquement Situaion 1: Bienvenue; Situation2: vous parlez francais; Situation3; Quel est votre nom(Includes grammar exercise associated with it)	CO3	
Unit IV	Unit-IV (Book: Bon Voyage , Unit-I: Embarquement (conti.) Situation 4: une table pour deux personnes; Situation 5: isabelle quelle surprise (Incudes grammar exercises associated with it)	CO4	

REFERENCE:

- Vasanti Gupta, Malini Gupta, Usha Ramchandran, Bon Voyage, W. R. goyal Publishes and Distributions, New Delhi.
- Odilechantellauechiari, Sophie, C and Chantal, D., Les Metiers de Tourism, Hachette, Paris.
- French for hotels, frank brothers, New Delhi

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE SEC-MHMCT-2

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	3	3	3	3	3	3	2
CO2	3	3	3	1	2	3	3	2
CO3	2	2	3	2	2	2	3	2
CO4	3	3	3	2	3	3	3	2
	2.5	2.75	3	2	2.5	2.75	3	2

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE SEC-MHMCT-2

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	2	3	3	3	3
Co 2	3	3	3	3	3
Co 3	3	3	3	3	3
Co 4	3	3	3	3	3
	2.75	3	3	3	3

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE SEC-MHMCT-2

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO 4	PSO 5
CO 1	2	3	3	3	3	3	3	2	2	3	3	3	3
CO 2	3	3	3	1	2	3	3	2	3	3	3	3	3
CO 3	2	2	3	2	2	2	3	2	3	3	3	3	3
CO 4	3	3	3	2	3	3	3	2	3	3	3	3	3
	2.5	2.75	3	2	2.5	2.75	3	2	2.75	3	3	3	3

AECC-MHMCT-1-COMMUNICATION SKILLS IN HOTELS Credits –02 External Marks -32 Internal Marks -08 TotalMarks-40		
Co 1 : Knowledge of business communication in Hotels Co 2 : Developing business communication writing skills Co 3 : Ability to speak verbal communication. Co 4 : Develop cross cultural communication .		
Unit I	Communication theory: Meaning, Significance & Scope of Communication: Models of Communication Process; Filtering in Communication; Words & Meanings, Perception & Reality, Barriers of Communication. Flow of information in business organizations & role of effective communication in improving it.	CO1
Unit II	Business Writing Principles for Clear Business Writing; Adoption, Word Selection, Sentence Construction. Qualities of Business Correspondence, Letters. Important Business correspondence; Letters. Important Business correspondence; Memos, Reports, Inquires and Responses, Persuasive Requests, Sales Letters, Facsimile, Curriculum Vitae, Email, Use of MS Office in Business Communication. Business Report Writing – Organization and Makeup of Different Types of Reports. Techniques of Writing Visual aspects of Reports; layout options & Illustrations.	CO2
Unit III	Verbal communication: Oral Business Communication: Dictation, Telephone conversation, Public speaking & oral reporting, Interviews, demonstration, Meeting-Process & Organization of Meetings, Group Discussions. Nonverbal Communication: Body Language, Importance of Gestures in Communication. Reading Body Language in Business Communication.	CO3
Unit IV	Cross- Cultural Communication –Concepts of Cultures, Function of Culture, Impact of Culture on Communication, Important expressions in Cross Cultural Communication.	CO4

REFERENCE:

- Snell shelagh & Carpenter Jeff, “Communication in Travel & Tourism” Hodder& Stoughton Ltd. Kent by Page Bros. (Norwich) Ltd. 1990.
- Leisikar V Raymond & Petit d. John. “Business Communication” Richard D Irwin, 1992.
- Allan Peas, Body Language.
- Desmand Morris, People Watching.
- RK Maddhukar, Business Communication, Vikas Publishing House, New Delhi.

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE AECC-MHMCT-1

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	3	3	3	3	3	3	2
CO2	3	3	3	1	2	3	3	2
CO3	2	2	3	2	2	2	3	2
CO4	3	3	3	2	3	3	3	2
	2.5	2.75	3	2	2.5	2.75	3	2

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE AECC-MHMCT-1

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	2	3	3	3	3
Co 2	3	3	3	3	3
Co 3	3	3	3	3	3
Co 4	3	3	3	3	3
	2.75	3	3	3	3

**MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC
OBJECTIVE AECC-MHMCT-1**

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO 4	PSO 5
CO 1	2	3	3	3	3	3	3	2	2	3	3	3	3
CO 2	3	3	3	1	2	3	3	2	3	3	3	3	3
CO 3	2	2	3	2	2	2	3	2	3	3	3	3	3
CO 4	3	3	3	2	3	3	3	2	3	3	3	3	3
	2.5	2.75	3	2	2.5	2.75	3	2	2.75	3	3	3	3

Proposed syllabus Structure of B.A. Vocational T.T.M. under Choice based credit system (CBCS)

Semester	CORE COURSE (CC) @ 6 CREDITS	Ability Enhancement Compulsory Courses (AECC) @ 2 CREDITS	Skill Enhancement Courses (SEC) @ 2 CREDITS	Discipline Specific Elective (DSE) @ 6 CREDITS	Generic elective (GE) @ 6credits
1 st	CC-1A (English)	AECC-1 (Functional English/ functional MIL)Environmental Studies			
	CC-2A (Hindi)				
	CC-3A(discipline)				
	CC-4A(Discipline)				
2 nd	CC-1B (English)	AECC-2 (Functional English/ functional MIL)Environmental Studies			
	CC-2B (Hindi)				
	CC-3B(discipline)				
	CC-4B(discipline)				
3 rd	CC-1C (English)		SEC-1 Computer science Level - 1 personality development/ mooc**		
	CC-2C (Hindi)				
	CC-3C(discipline)				
	CC-4C(discipline)				

4 th	CC-1D (English)		SEC-1 Computer science Level - 1 personality development/ mooc**		
	CC-2D (hindi)				
	CC-3D(discipline)				
	CC-4D(discipline)				
5 th			SEC-discipline -3	DSE—1 DSE--2	GE-1
6 th			SEC-discipline -4	DSE--3 DSE--4	GE-2

AECC will be offered according to the time table adjustments in the institute

*MOOC course from swayam Portal

**SEC can be offered in 3rd /4th/5th semester according to the time table adjustments in the institute

*** options in Generic courses will be offered depending upon the availability of faculty/infrastructure in the institute .

GE courses can be **History/Geography/Psychology /economics** offered by the institute/college depending upon the availability of faculty/Infrastructure in the institute .

General instructions

1. One credit equivalent to 1 hour of teaching/2 hours of practical work
2. One credit equivalent to 25 marks
3. Teaching workload will be calculated on the basis of teaching contact hours of the course

B.A.(voc) T.T.M.

(Detail Syllabus)

w.e.f

Session: 2020-2023

Semester	Course	Paper	Nomenclature of the paper	Credits			Internal Marks	External Marks
1st					Theory/teaching hours	Tutorial/practicals		
	AECC-1		Functional English/Environmental Studies	2	2		10	40
	CC-1A		English	6	5	1	30	120
	CC-2A		Hindi	6	5	1	30	120
	CC-3A	I	Introduction to tourism business	6	5	1	30	120
	CC-4A	II	Transport and Tourism	6	5	1	30	120
			Total	26				
2nd								
	AECC-2		Functional English/Environmental Studies	2	2		10	40
	CC-1B		English	6	5	1	30	120
	CC-2B		Hindi	6	5	1	30	120
	CC-3B	III	Tourism product of India (natural)	6	5	1	30	120
	CC-4B	IV	Tourism product of India (cultural)	6	5	1	30	120
			Total	26				
3rd								
	SEC-1		SEC-1 Computer science Level - 1 personality development/moc**	2	2		10	40
	CC-1C		English	6	5	1	30	120
	CC-2C		Hindi	6	5	1	30	120

	CC-3C	V	Major Destinations Of India	6	5	1	30	120
	CC-4C	VI	An Introduction to Travel Agency & Tour Operation Business in India	6	5	1	30	120
			Total	26				
4th								
	SEC-2		SEC-1 Computer scienceLevel- 1 personality development/ mooc**	2	2		10	40
	CC-1D		English	6	5	1	30	120
	CC-2D		Hindi	6	5	1	30	120
	CC-3D	VII	Hotel business	6	5	1	30	120
	CC-4D	VIII	Haryana tourism	6	5	1	30	120
			Total	26				
5th								
	SEC-3		Writing of Tourism field trip report viva/voce	2	2		10	40 (Viva-Voce)
	GE1			6	5	1	30	120
DSE-1		IX	International Tourism – Asia & Australia	6	5	1	30	120
			OR					
		X	Adventure Tourism- water and land based	6	5	1	30	120
DSE-2		XI	Tourism Marketing	6	5	1	30	120
			OR					
		XII	Sustainable Tourism	6	5	1	30	120
			Total	20				

6 th								
	SEC-4		(Writing of Industrial Report) On –the-job training Report & Viva-Voce	2	2		10	40
	GE2			6	5	1	30	120
DSE-3	XIII	International Tourism Destinations – Europe & North America	6	5	1	30	120	
		OR						
	XIV	Adventure Tourism – Air based	6	5	1	30	120	
DSE-4	XV	Salesmanship in Tourism	6	5	1	30	120	
		OR						
	XVI	Impacts of Tourism	6	5	1	30	120	
		Total	20					

CC- Core, T-Theory, P- Practical, Tu. – Tutorial, C-Credits, AECC - Ability Enhancement
Compulsory Course, DSE – Discipline Specific Elective

CC-3A Paper I B.A.(Vocational) TOURISM AND TRAVEL MANAGEMENT INTRODUCTION TO TOURISM BUSINESS		
Credits – 5+1 External Marks - 120 Internal Marks - 30 Total marks – 150		
COURSE OBJECTIVES: Co 1 : Familiarizing with basic concept and terminology used in Tourism Co 2 : Knowledge of various Types of Tourism and Factors of Development of Tourism Co 3 : Ability to identify different Components of Tourism Co 4 : Knowledge of various Tourism Services and Tourism Chain		
UNIT- I	Basic Concept and Terminology used in Tourism: <ul style="list-style-type: none"> • Meaning and Nature of Tourism • Concept and terminology in Tourism Tourism; Tourist; Tourism Market; Tourism Resources; Tourism Product; Destination; Recreation; Pleasure and relaxation 	CO 1
UNIT- II	Types of Tourism and Factors of Development of Tourism: <ul style="list-style-type: none"> • Types and Characteristics of Tourism • Motivations in Tourism - Push and Pull factors 	CO 2
UNIT-III	Components of Tourism: <ul style="list-style-type: none"> • Transportation: Types and their significance for tourism • Accommodation: Types and their significance for tourism • Travel Agencies & Tour Operators: Types and their significance for tourism 	CO 3
UNIT- IV	Tourism Services and Tourism Chain: <ul style="list-style-type: none"> • Tangible and intangible services in tourism sector • Tangible and Intangible services in Hotel sector • Tourism Chain: Vertical and Horizontal Integration 	CO4

REFERENCE :

- Christopher J. Holloway- The Business of Tourism Macdonald and Evans.
- A.K. Bhatia- Tourism Development Principles and Practices Sterling Publishers, New Delhi.
- Anand M.M.- Tourism and Hotel Industry in India: Sterling Publishers, New Delhi.
- Kaul R.H. Dynamics of Tourism: A Terilogy, Sterling Publishers, New Delhi.
- Malra R.-Fundamentals of Tourism, Amiga Press, Delhi

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	3	1	2	1	1	1	2	1
Co 2	3	2	2	1	2	3	1	3
Co 3	3	2	2	2	1	1	3	1
Co 4	3	1	2	1	2	2	3	2
	3	1.50	2	1.25	1.50	1.75	3	1.75

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	3	3	3	2	2
Co 2	3	3	3	2	2
Co 3	3	3	3	2	2
Co 4	3	3	3	2	2
	3	3	3	2	2

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
Co 1	3	1	2	1	1	1	2	1	3	3	3	2	2
Co 2	3	2	2	1	2	3	1	3	3	3	3	2	2
Co 3	3	2	2	2	1	1	3	1	3	3	3	2	2
Co 4	3	1	2	1	2	2	3	2	3	3	3	2	2
	3	1.50	2	1.25	1.50	1.75	3	1.75	3	3	3	2	2

CC-4A Paper II B.A.(Vocational) TOURISM AND TRAVEL MANAGEMENT TRANSPORT AND TOURISM			Credits – 5+1 External Marks - 120 Internal Marks - 30 Total marks – 150
COURSE OBJECTIVES: CO 1: Introducing about the concept of Transportation sector. CO 2: Understanding about the air transport and water transport. CO 3 : Ability to identify relationship between surface transport and tourism CO 4 : Familiarizing with the relationship between railway and tourism			
UNIT- I	Introduction to Transportation Sector <ul style="list-style-type: none"> • Transportation as important element of tourism industry. • History of different modes of transportation. • The physiographic & socio- economic factors affecting development of different modes of transportation with special reference to India. 		CO 1
UNIT- II	Air Transport and Water Transport <ul style="list-style-type: none"> • Airlines & Tourism, History of Airlines in India. IATA, DGCA: Organizational structures and functions. Air India and Private Airlines. Role of airlines in tourism promotion. • Water transport- Limitation & scope of water transport in India. Cruise ships. The role of water transport in tourism. 		CO 2
UNIT-III	Surface transport & Tourism <ul style="list-style-type: none"> • Importance of surface transportation. • Coaches, Car rental system in India. • Roads system in India: National and State Highways 		CO 3
UNIT- IV	Railway & Tourism <ul style="list-style-type: none"> • History & present status of Indian railway • Special trains for tourists: Different packages & facilities given by Railway. • Problems of Indian Railway. • Role of Railway in tourism. 		CO4

REFERENCE :

- Aggarwal Surinder: 'Travel Agency Management', Communication India, New Delhi
- Hannel Christine, Robert Harshman&Graham Draper- 'Travel & Tourism: A world Regional geography, John Wiley & Sons, New York
- Hurst, Elist, 'Transporation Geography' McGraw Hill, New York
- Mohinder Chand, Travel Agency Management – An Introductory Text. Anmol Publications, New Delhi. 2006
- OAG, Airlines time table
- OAG, Cruise lines time table
- Indian Railway Time table

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	2	2	2	2	1	2	2	3
Co 2	2	2	2	2	1	2	2	3
Co 3	2	2	2	2	1	2	2	3
Co 4	2	2	2	2	1	2	2	3
	2	2	2	2	1	2	2	3

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	3	3	3	1	2
Co 2	3	3	3	1	2
Co 3	3	3	3	1	2
Co 4	3	3	3	1	2
	3	3	3	1	2

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
Co 1	1	2	1	2	1	3	2	3	3	2	2	1	2
Co 2	1	2	1	2	1	3	2	3	3	2	2	1	2
Co 3	1	2	1	2	1	3	2	3	3	2	2	1	2
Co 4	1	2	1	2	1	3	2	3	3	2	2	1	2
	1	2	1	2	1	3	2	3	3	2	2	1	2

CC-3B Paper III B.A.(Vocational) TOURISM AND TRAVEL MANAGEMENT TOURISM PRODUCT OF INDIA (NATURAL)		Credits – 5+1 External Marks - 120 Internal Marks - 30 Total marks – 150
COURSE OBJECTIVES:		
CO 1: Introducing about physiography of India with special reference to mountain tourism. CO 2 : Knowledge of the central plains and its prospects for tourism development CO 3 : Familiarizing with the peninsula and its tourism significance CO 4 : Knowledge about the coastal plains and islands and its tourism importance:		
UNIT- I	General Introduction about Physiography of India with special reference to Mountain Tourism <ul style="list-style-type: none">India: General Introduction of physiographic units.The Northern Mountains: General introduction of the Himalayas & other ranges, their importance for religious, hill station & adventure tourism.A case study of Sri Nagar, Shimla, Nainital, Darjeeling &Gangtok.	CO 1
UNIT- II	The Central Plains and its prospects for Tourism Development <ul style="list-style-type: none">The Central Plains: General introduction of deserts & central plains, their importance for cultural, religious & adventure tourism.A case study of Amritsar, Jaipur, Delhi, Lucknow, Kolkata.	CO 2
UNIT-III	The Peninsula and its Tourism Significance <ul style="list-style-type: none">The Peninsula: General features of Indian peninsula with their tourism significance.A case study of Bhopal, Khajuraho, Hyderabad, Banglore, Ooty.	CO 3
UNIT- IV	The Coastal Plains and Islands and its Tourism Importance: <ul style="list-style-type: none">The coastal plains and islands: General features of coastal regions, their importance for religious, cultural & beach tourism.A case study of Mumbai, Goa, Cochin, Chennai, Andaman & Nicobar.	CO4

REFERENCE :

- Ahmad, Aizaz: General Geography of India, NCERT, New Delhi
- Goh Cheong Long: An Economics Atlas of India, Oxford University.
- National Atlas of India, Govt. of India Publication, Calcutta 1997.
- Atlas of World Oxford Press, New Delhi.
- Singh, R.L.(ed) India: A Regional Geography National Geographical Society of India, Varanasi, 1989.
- Manorama Year Book 2009
- India Year Book 2009, Publication Division. Govt. of India, New Delhi
- Tourism Planner
- Tour Brochures etc.
- Lonely Planet – India
- Kumar, Ravi Bhushan: Coastal Tourism & Environment, AOH Publishing Corporation, New Delhi
- Pilgrimage in India, R.N.Pillai
- Kohli, M.S.: Mountaineering in India, Vikas Publishing House, and New Delhi.

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	2	2	2	1	3	3	2	3
Co 2	2	2	2	1	3	3	2	3
Co 3	2	2	2	1	3	3	2	3
Co 4	2	2	2	1	3	3	2	3
	2	2	2	1	3	3	2	3

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	3	2	2	3	2
Co 2	3	2	2	3	2
Co 3	3	2	2	3	2
Co 4	3	2	2	3	2
	3	2	2	3	2

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
Co 1	2	2	2	1	3	3	2	3	3	2	2	3	2
Co 2	2	2	2	1	3	3	2	3	3	2	2	3	2
Co 3	2	2	2	1	3	3	2	3	3	2	2	3	2
Co 4	2	2	2	1	3	3	2	3	3	2	2	3	2
	2	2	2	1	3	3	2	3	3	2	2	3	2

CC-4B Paper IV B.A.(Vocational) TOURISM AND TRAVEL MANAGEMENT TOURISM PRODUCT OF INDIA (CULTURAL) Credits – 5+1 External Marks - 120 Internal Marks - 30 Total marks – 150		
COURSE OBJECTIVES: CO 1: Introducing about concept of culture and its significance for tourism. CO 2 : Knowledge of the Indian Architecture (Buddhist architecture and Hindu architecture) and its tourism significance. CO 3 : Familiarizing with the Indian Architecture (Medieval architecture and Modern architecture) and its tourism importance. CO 4 : Knowledge about the classical dances and music of india. major fairs and festivals of india and their significance for tourism		
UNIT- I	Introduction to Culture <ul style="list-style-type: none"> ● Culture: Concept and its essential Features ● Indian Culture: Fundamentals of Indian Culture; Indian culture through the ages ● Culture and tourism relationship with special reference to India 	CO 1
UNIT- II	Indian Architecture – I <ul style="list-style-type: none"> ●Buddhist Architecture: Ajanta, Ellora and Sanchi ●Hindu Architecture: Khajuraho temples, Sun temple of Konark, Shore temple of Mamallapuram and Brihadisvara temple at Thanjavur 	CO 2
UNIT-III	Indian Architecture – II <ul style="list-style-type: none"> ● Medieval Architecture: TajMahal, Red Fort of Delhi, FatehpurSikri and QutubMinar ● Modern Architecture: Gate Way of India, parliament house,New Delhi. Bahai's Lotus temple in Delhi 	CO 3
UNIT- IV	Classical Dances and Music of India. Major Fairs and festivals of India and their significance for tourism Holi, Dussehra, Diwali, Baisakhi, Pongal, Bihu, Desert festival – Jaisalmer, Surajkund Craft fair, International Trade Fair - New Delhi.	CO4

REFERENCE :

- Gupta, S.P.et.al 2002, Cultural Toursim in India, D.K. Printworld, New Delhi
- Upadhyaya, B.S. 1989, (reprint), Feeders of Indian Culture People,s Publishing House.
- Sharma, Chandradhar, 1991 (reprint), A Critical Survey of Indian Philosophy MotiLalBanarasi Das Publishers, Delhi
- Basham, A.L. 1985 (reprint) The Wonder That was India Rupa& Co., Delhi
- Sivaramamurti, C.2002 (reprint) Indian Painting, National Book Trust, Delhi
- Krishana Deva, 2002 (reprint) Temples of North India. National Book Trust, Delhi
- Pande, G.C. 1990 (2nd ed.) Foundations of Indian Culture, 2 vols. MotiLalBanarasi Das Publishers, Delhi
- Radhakrishnan, S. 1999 (Oxford India Paperbacks), Indian Philosophy, 2 vols. Oxford university press, New Delhi
- Hay,Stephen (Ed.) 1992, Sources of Indian Tradition, 2 vols, Penguin Books, Delhi
- Deshpande, Satish 2003, Contemporary India : A Sociological View, Penguin Books, Delhi
- Raju, P.T. 1985 Structural Depths of Indian Thought. South Asian Publishers, New Delhi
- Malik, S.C. Understanding Indian Civilization. Indian Institute of Advanced Study, Shimla
- Yogendra Singh, 1997. Social Stratification and Change in India. Manohar New Delhi. The observation made in the Human Development Report provides lose linkage regarding establishment of relationship between economic development and cultural growth.
- Banerji, S.C. 1993. Society in Ancient India, D.K. Printword (P) Ltd., New Delhi
- AbidHussain, S. 2003 (reprint) The National Cultural of India. National Book Trust, Delhi.
- Dube, Dina Nath, 1993, Bharat KeDurg, Publication Division, Ministry of Information & Broad Casting, Govt. of India, New Delhi
- Samson, Leela, 2002. The joy of Classical Dances of India, National Book Trust, India, New Delhi
- Thomas, P. 1990, Chruches in India, Publication Division, May IPB, GOI, New Delhi
- Desai, Ziyud- din, 1986, Indo-Islamic Architecture, Publication Division, GOI
- Aspects of Indian Music, 2006, Publication Division GOI, New Delhi.

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	2	2	1	3	3	3	2	3
Co 2	2	2	1	3	3	3	2	3
Co 3	2	2	1	3	3	3	2	3
Co 4	2	2	1	3	3	3	2	3
	2	2	1	3	3	3	2	3

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	3	3	2	3	3
Co 2	3	3	2	3	3
Co 3	3	3	2	3	3
Co 4	3	3	2	3	3
	3	3	2	3	3

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
Co 1	2	2	1	3	3	3	2	3	3	3	2	3	3
Co 2	2	2	1	3	3	3	2	3	3	3	2	3	3
Co 3	2	2	1	3	3	3	2	3	3	3	2	3	3
Co 4	2	2	1	3	3	3	2	3	3	3	2	3	3
	2	2	1	3	3	3	2	3	3	3	2	3	3

**CC-3C Paper V B.A.(Vocational) TOURISM AND TRAVEL MANAGEMENT
MAJOR DESTINATIONS OF INDIA**

**Credits 5+1
External Marks - 120
Internal Marks - 30
Total marks – 120**

COURSE OBJECTIVES:

CO 1: Familiarizing with the Religious and cultural destinations
CO 2 : Enabling to identify Historical and Architectural destinations

CO 3 :Knowledge about Coastal destinations and Islands
CO 4 : Familiarizing with the Hill Stations

UNIT- I	Religious and cultural destinations <ul style="list-style-type: none"> • Kedarnath • Puri • Dwarka • Rameshwaram 	CO 1
UNIT- II	Historical and Architectural destinations <ul style="list-style-type: none"> • Delhi • Agra • Ajanta • Khajuraho 	CO 2
UNIT-III	Coastal destinations and Islands <ul style="list-style-type: none"> • Mumbai • Kolkata • Goa • Andaman and Nicobar 	CO 3
UNIT- IV	Hill Stations <ul style="list-style-type: none"> • Shimla • Darjeeling • Ooty • Mussourie 	CO4

REFERENCE : REFERENCES:

- Ahmad, Aizaz: General Geography of India, NCERT, New Delhi
- Goh Cheong Long: An Economics Atlas of India, Oxford University.
- National Atlas of India, Govt. of India Publication, Calcutta 1997.
- Atlas of World Oxford Press, New Delhi.
- Singh, R.L.(ed) India: A Regional Geography National Geographical Society of India, Varanasi, 1989.
- Manorama Year Book 2009
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- Tourism Planner
- Tour Brochures etc.
- Lonely Planet – India
- Kumar, Ravi Bhushan: Coastal Tourism & Environment, AOH Publishing Corporation, New Delhi
- Pilgrimage in India, R.N.Pillai
- Kohli, M.S.: Mountaineering in India, Vikas Publishing House, and New Delhi.

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	3	2	3	1	1	1	3	3
Co 2	3	2	3	1	1	1	3	3
Co 3	3	2	3	1	1	1	3	3
Co 4	3	2	3	1	1	1	3	3
	3	2	3	1	1	1	3	3

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	3	3	3	1	2
Co 2	3	3	3	1	2
Co 3	3	3	3	1	2
Co 4	3	3	3	1	2
	3	3	3	1	2

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
Co 1	3	2	3	1	1	1	3	3	3	3	3	1	2
Co 2	3	2	3	1	1	1	3	3	3	3	3	1	2
Co 3	3	2	3	1	1	1	3	3	3	3	3	1	2
Co 4	3	2	3	1	1	1	3	3	3	3	3	1	2
	3	2	3	1	1	1	3	3	3	3	3	1	2

CC-4C Paper VI B.A.(Vocational) TOURISM AND TRAVEL MANAGEMENT AN INTRODUCTION TO TRAVEL AGENCY & TOUR OPERATIONS BUSINESS IN INDIA Credits – 5+1 External Marks - 120 Internal Marks - 30 Total marks – 150		
COURSE OBJECTIVES: CO 1: Introducing about the concept of travel agency and tour operation CO 2 : Enabling to identify functions and linkages in travel agencies and tour operators CO 3 :Knowledge about significance of travel agency and procedure to follow for government approval CO 4 : Familiarizing with the tour packaging		
UNIT- I	Introduction to Travel Agency and Tour Operation <ul style="list-style-type: none"> Travel Agency and Tour Operations: meaning, definition, types, significance and growth over the years. 	CO 1
UNIT- II	Functions and Linkages in Travel Agencies and Tour Operators <ul style="list-style-type: none"> Functions of Travel Agencies and tour operators. Linkages and integrations in tour operation business. 	CO 2
UNIT-III	Significance of Travel agency and Procedure to follow for Government Approval <ul style="list-style-type: none"> Travel Agency: Organization Structure and significance in tourism growth Procedure for recognitions of Travel Agency and tour operations from Ministry of tourism, Govt. of India. 	CO 3
UNIT- IV	Tour Packaging <ul style="list-style-type: none"> Tour Packaging – Concept, meaning, types. Case Study: <ul style="list-style-type: none"> Railways tour packages Golden Triangle Tour Package Char Dham Tour Package Buddhist Tour Packages 	CO4

REFERENCE :

- Foster, D., the Business of Travel Agency, Pitman, 1990.
- Aggarwal, Surrender, Travel Agency Management (Communication India, 1983).
- Geo, Chack, Professional Travel Agency Management: (Prentice Hall, London, 1990).
- Mohinder Chand , Travel Agency Management – An Introductory Text, Anmol Publications, New Delhi, 2006
- IATA, IATO, TAAI manual./
- Jag Mohan, Negi, Travel Agency and tour operation, Kanishka Publication New Delhi, 1990.

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	3	2	3	1	1	1	3	3
Co 2	3	3	3	2	2	2	3	3
Co 3	3	2	3	2	2	3	3	3
Co 4	3	2	3	2	3	3	3	3
	3	2.25	3	2.25	2	2.75	3	3

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	3	3	3	1	2
Co 2	3	3	3	2	2
Co 3	3	3	3	2	2
Co 4	3	3	3	3	3
	3	3	3	2	2.75

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
Co 1	3	2	3	1	1	1	3	3	3	3	3	1	2
Co 2	3	3	3	2	2	2	3	3	3	3	3	2	2
Co 3	3	2	3	2	2	3	3	3	3	3	3	2	2
Co 4	3	2	3	2	3	3	3	3	3	3	3	3	3
	3	2.25	3	2.25	2	2.75	3	3	3	3	3	2	2.75

**CC-3D Paper VII B.A.(Vocational) TOURISM AND TRAVEL MANAGEMENT
HOTEL BUSINESS**

**Credits – 5+1
External Marks - 120
Internal Marks - 30
Total marks – 150**

COURSE OBJECTIVES:

- CO 1 : Introducing about the concept of hotel
CO 2 : Enabling to identify major hotel chains in India
CO 3 : Knowledge about major departments of hotels
CO 4 : Familiarizing with the various forms of ownership of hotels

UNIT - I	Introduction to Hotel <ul style="list-style-type: none"> • Relationship between Tourism and Hotel. • Tourism Accommodation: Types of Tourist Accommodation. • Categorization of accommodation sector: Basis and Features. • Role of government in developing hotel Industry. • Challenges in hotel industry • Future of hotel industry in India. 	CO 1
UNIT - II	Major Hotel Chains in India <ul style="list-style-type: none"> • Growth and development of Hotel Industry. • Case Study of major hotel chains in India : <ul style="list-style-type: none"> - The Taj Hotels - The Oberoi Hotels - The ITC Hotels 	CO 2
UNIT - III	Major Department of Hotels <ul style="list-style-type: none"> • Major departments of hotels: <ul style="list-style-type: none"> - Front Office Department - Housekeeping Department - Food & Beverage (Service & Production) Department - Engineering & Maintenance Department - Human Resource Department - Sales & Marketing Department 	CO 3
UNIT - IV	<ul style="list-style-type: none"> • forms of hotel ownership: <ul style="list-style-type: none"> - Sole – Proprietorship - Partnership - Joint stock companies - Referral Organizations - hotel chain - Lease Agreements - Management contracts - Franchise Organizations. 	CO4

REFERENCE :

- Negi, Jagmohan: Hotels for Tourism Development (2nd Edition); Metropolitan, New Delhi, 2000.
- Gee, Chuck Y.: International Hotel Management. Educational Institute, America, 1998
- Kaul, R.N.: Dynamics of Tourism: a trilogy. Vol. 2: Accommodation. Sterling Publishers Pvt.Ltd. New Delhi, 2001.
- Mohinder , Chand , Managing Hospitality Operations , Anmol publications , New Delhi, 2009.
- Anand M.M. – Tourism and Hotel Industry in India: Sterling Publishers, New Delhi
- Madlik, S. – Hotel Business, Heinemann, London
- Brymer, Robert A. –Introduction of Hotel and Restaurant Management: HUB Publication, Co., Iowa, 1984
- John R. Walker : Introduction to Hospitality
- Tiwari, J. R. : Hotel Front Office: Operation and Management, Oxford University Press

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	2	2	2	1	1	1	2	3
Co 2	3	3	3	2	2	2	3	3
Co 3	3	3	3	2	2	3	3	3
Co 4	2	2	3	2	3	3	3	3
	2.50	2.50	2.75	1.75	2	2.25	2.75	3

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	3	3	3	2	2
Co 2	3	3	3	2	2
Co 3	3	3	3	2	2
Co 4	3	3	3	2	2
	3	3	3	2	2

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
Co 1	2	2	2	1	1	1	2	3	3	3	3	2	2
Co 2	3	3	3	2	2	2	3	3	3	3	3	2	2
Co 3	3	3	3	2	2	3	3	3	3	3	3	2	2
Co 4	2	2	3	2	3	3	3	3	3	3	3	2	2
	2.50	2.50	2.75	1.75	2	2.25	2.75	3	3	3	3	2	2

CC-4D Paper VIII B.A.(Vocational) TOURISM AND TRAVEL MANAGEMENT HARYANA TOURISM			Credits – 5+1 External Marks - 120 Internal Marks - 30 Total marks – 150
COURSE OBJECTIVES: Co 1 : Understand the geographical and historical importance of Haryana Co 2 : Familiarisation with the culture , religion , music and dances of Haryana Co 3 : Analyse tourist infrastructure in Haryana Co 4 : Promote tourism in Haryana			
UNIT- I	Geographical and historical background of Haryana ; <ul style="list-style-type: none"> • Geographical importance of Haryana • Historical importance of Haryana • Religious & cultural tourism potential in Haryana 		CO 1
UNIT- II	Tourist Resources of Haryana: <ul style="list-style-type: none"> • Monuments of touristic significance in Haryana • Museums in Haryana • Music, dance, fairs & festivals in Haryana 		CO 2
UNIT-III	Tourism Infrastructure in Haryana <ul style="list-style-type: none"> • Transportation and accommodation sector in Haryana • Recreational and entertainment facilities at the tourism complexes/resorts in Haryana • Haryana Tourism Policy - 		CO 3
UNIT- IV	Tourism Trends in Haryana: <ul style="list-style-type: none"> • Major types of tourism in Haryana • Major tourist destinations of Haryana • Highway tourism in Haryana 		CO4

References :

Archaeological survey of India Monuments and sites in Haryana

(India travelblog.com) Best tourist places in Haryana

K.C. Yadav History of Haryana

Manju Sharma diamond books Mera Haryana

S C Mittal Haryana a historical perspective

Swati Mitra Haryana travel guide Eicher goodearth pvt. Ltd.

Vinay kumar, An archaeological history of Haryana Kaveri books

Haryana tourism policy Haryana Tourism Official Website. Available from: <http://www.haryanatourism.com>

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	3	3	3	3	3	1	3	3
Co 2	3	3	3	3	3	1	3	3
Co 3	3	3	3	3	3	1	3	3
Co 4	3	3	3	3	3	1	3	3
	3	3	3	3	3	1	3	3

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	3	3	3	2	2
Co 2	3	3	3	2	2
Co 3	3	3	3	2	2
Co 4	3	3	3	2	2
	3	3	3	2	2

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
Co 1	3	3	3	3	3	1	3	3	3	3	3	2	2
Co 2	3	3	3	3	3	1	3	3	3	3	3	2	2
Co 3	3	3	3	3	3	1	3	3	3	3	3	2	2
Co 4	3	3	3	3	3	1	3	3	3	3	3	2	2
	3	3	3	3	3	1	3	3	3	3	3	2	2

SEC--3 Writing of Tourism FIELD TRIP REPORT & VIVA VOCE

Credits – 2
Viva voce - 40
Internal Marks - 10
Total marks – 50

Course Objective:

To give practical exposure to students at the places of tourist attractions to enable the student to record his/her experience and observation along with suggestions and conclusions regarding the destination/s visited from

The students of B.A (Vocational) T.T.M. are to undergo a Field Study Tour to gain practical knowledge of tourist resources of India **comprising cultural and natural places** to analyze the existing infrastructure and amenities and to see what problems a tourist faces at the destination and **interacting with vendors of service providers and local community members** and to further examine future prospects for tourism promotion ,as a student and as a tourist to suggest measures . After the completion of the study tour each student is required to submit Field Study Tour Report for evaluation . The viva-voce will be conducted by a panel of external and internal examiners through viva voce. The external examiner shall be appointed by the university.

DSE -1 PAPER – IX B.A.(Vocational) TOURISM AND TRAVEL MANAGEMENT International Tourism Destinations -Asia &Australia	
Credits – 5+1 External Marks - 120 Internal Marks - 30 Total marks – 150	
COURSE OBJECTIVES: Co 1 : To understand the nature of international tourism in UNWTO Regions. Co 2 : To familiarize the students with the tourism destinations of Asia. Co 3 : To familiarize the students with the tourism destinations of Australia. Co 4 : To study the role and functions of International tourism organizations	
UNIT- I	International Travel and UNWTO Regions <ul style="list-style-type: none"> • International Tourism meaning, definition & types. • Domestic vs. international tourism, • Region wise distribution of tourist arrivals & tourism receipts, • Leading tourist Generating regions of world.
UNIT- II	Asia Tourist Destinations <ul style="list-style-type: none"> • Tourism Destinations in Asia: Major Tourism Places of Interest in Singapore, Thailand, Malaysiya.China & India.
UNIT-III	Australia Tourist Destinations <ul style="list-style-type: none"> • Tourism Destinations in Australia: Major Tourism Places of Interest in Sydney, Melbourne, Gold Coast, Perth & Queensland.
UNIT- IV	The Role of the Government and international Tourism Bodies <ul style="list-style-type: none"> • International Tourism Institutions and organizations, and their role in promoting International movement- • PATA , TAAI, IATO, FHRAI

REFERENCE :

Suggested Readings:

1. Chand Mohinder, Kamra K.K : Basics of Tourism
2. Tourism Statistics at a Glance 2008 & 2009 by Ministry of tourism Govt. Of
3. India
4. Lonely Planet – Singapore, Malaysia, Thailand, China, Hong Kong, Australia.
5. Various Tourism Board Websites such as.
 - a. <http://www.yoursingapore.com>
 - b. <http://www.tourism.gov.my/>
 - c. <http://www.tourismthailand.org/>
 - d. <http://www.tourismchina.org/>
 - e. <http://www.discoverhongkong.com/login.html>
 - f. <http://www.tourism.australia.com/en-au/>

<p align="center">DSE -1 PAPER- X B.A.(Vocational) TOURISM AND TRAVEL MANAGEMENT</p> <p align="center">ADVENTURE TOURISM (Land & Water Based)</p> <p align="right"> Credits – 5+1 External Marks - 120 Internal Marks - 30 Total marks – 120 </p>	
<p>COURSE OBJECTIVES:</p> <ol style="list-style-type: none"> 1. Familiarize with Concept, History, Nature & Scope of Land & Water Based Adventure Tourism in India. 2. To explain minimum requirements for Land & Water based Adventure Tourism 3. To Introduce various Land Based Adventure Activities. 4. To Discuss about Air Based Adventure Organisations and Impacts 	
UNIT- I	<p>Introduction to Land & Water Based Adventure Tourism</p> <ul style="list-style-type: none"> • Meaning and Definition of Land and Water Based Adventure Activity. Classification of Land based and Water based adventure • Activities. Nature and Scope for Land & Water Based Adventure Tourism in India. Topographical features for Land & Water Based Adventure Tourism in India
UNIT- II	<p>Basic Standards & Requirements For Land & Water Based Adventure Tourism</p> <ul style="list-style-type: none"> • Basic minimum standard for Land and Water Based Adventure Activities • Air based adventure tourism related activities like parasailing Land Based • Adventure Activity: Mountain climbing, trekking, skiing, ice skating, motor car rally, rock climbing, camel safari, bungee jumping. HMI, NIM.

UNIT-III	<p>Various land Based Adventure Activities</p> <ul style="list-style-type: none"> • Land Based Adventure Activities: Rock Climbing : Principles, Route Planning, Holds, Equipment, Clothing Knots: Thumb, Reef, Clove Hitch, Fisherman, Simple Bowline, • Trekking: Trekking sites in India. River/Valley Crossing Techniques, Tent Pitching, Techniques: Abseiling (Rappelling)
UNIT- IV	<p>Various Water Based Adventure Activities</p> <ul style="list-style-type: none"> • Water Based adventure Activities: Canoeing, Kayaking, Rafting, Scuba Diving, Snorkelling, Surfing, Water Skiing, Sites in India, • Rafting & Kayaking: Equipment, Clothing & Techniques, Scuba Diving & Snorkeling : Equipment, Clothing & Techniques

REFERENCE :

1. Pearce, D.G. and Butler, R.W. Contemporary issues in tourism development. Routledge
2. Satyendra Malik. Adventure Tourism.
3. Hall, CM and Page, SJ. The Geography of Tourism and Recreation. Routledge.
4. Dixit, M. Tourism Products. Royal Publishers.
5. Weare G, Trekking in the Indian Himalayas, Lonely Planet Pub,Hong Kong, Hand book of National Parks, Wildlife Sanctuaries

**DSE—2 PAPER XI B.A.(Vocational) TOURISM AND TRAVEL MANAGEMENT
TOURISM MARKETING**

**Credits – 5+1
External Marks - 120
Internal Marks - 30
Total marks – 150**

COURSE OBJECTIVES:

CO 1: Introducing about the concept of tourism marketing
co 2 : Enabling to identify different challenges of tourism marketing
co 3 : Knowledge about tourism marketing environment
co 4 : Familiarizing with tourism pricing and promotion

UNIT- I	Introduction to Tourism Marketing <ul style="list-style-type: none"> • Tourism Marketing: Nature, Process and Growth. • Services and their Marketing • Tourism Marketing and Development: Socially Responsible Marketing, Social Marketing, Participants in Socially Responsible Marketing and their Roles. 	CO 1
UNIT- II	Challenges of Tourism Marketing <ul style="list-style-type: none"> • Nature and Characteristics of Tourism Offers: Tangibility and Intangibility, Non-perishability and Perishability, Homogeneity and Heterogeneity, Separability and Inseparability, Ownership and Non-ownership. • Issues and Challenges in Tourism Marketing • Marketing Strategies to overcome limitations of Tourism 	CO 2
UNIT-III	Tourism Marketing Environment <ul style="list-style-type: none"> • Concept of Marketing Mix • Developing Marketing Mix • Tourism Markets : Types of Tourism Markets • Tourist Behavior: Tourist Buying Process, Factors Influencing Tourists' Buying Process, Tourism Product and Distribution- Concept of Tourism Product Tourism as a packaged Product • Destination as a Product • New Product Development • Product Life Cycle 	CO 3
UNIT- IV	Tourism Pricing and Promotion <ul style="list-style-type: none"> • Tourism Pricing and Promotion : Concept, Importance and Process of Pricing, Factors influencing Tourism Pricing, Methods of Price Fixation, Pricing Strategies, Price Fixation. • Tourism Promotion and Communication: Objectives of Promotion, Promotion Mix, Factors affecting Promotion Mix, Components of Promotion Mix • Important Promotional Tools in Tourism- Brochures, Events, Movies and Cinema 	CO4

REFERENCE :

- Burkart, A.J., Medlik, S.(1981). *Tourism, Past, Present and Future*, Heinemann, London.
- Chris Cooper, Fletcher John, Gilbert David, Wanhill Stephen (1993). *Tourism Principles and Practice*, Pitman Publishing London.
- Christopher Lovelock and JochenWirtz.(2004), *Services Marketing-People, Technology, Strategy*, Pearson Education, India.
- Holloway, J.C., Plant, R.V. (1988). *Marketing for Tourism*, Pitman, London.
- Kotler, Philip, Bowen John, Makens James (2004). *Marketing for Hospitality and Tourism*, Pearson Education, India.
- Kotler Philip (1995). *Marketing Management-Analysis ,Planning, Implementation and Control*, Prentice Hall of India.
- Kotler Philip (2003). *Marketing Insights from A to Z: 80 concepts every manager needs to know*. John Wiley and sons, USA.
- Kotler Philip and Armstrong Gary (1991). *Principles of Marketing*, Prentice Hall of India.
- Majaro, Simon (1995). *The Essence of Marketing*, Prentice Hall of India.
- Middleton, V.T.C.(1988). *Marketing in Travel and Tourism*, Heinemann, Oxford.
- Schiffman G. Leon, KanukLazer Leslie (1992). *Consumer Behaviour*, Prentice Hall of India.
- Witt F Stephen, MoutinhoLuiz (1989). *Tourism Marketing and Management Handbook*, Prentice Hall International UK.
- Zeithaml, V.A. &Bitner, M.J.(1996).*Services Marketing: Integrating Customer Focus Across theFirm*, US:McCraw-Hill Higher Education.

DSE -2 PAPER-XII B.A.(Vocational) TOURISM AND TRAVEL MANAGEMENT Sustainable Tourism	
Credits – 5+1 External Marks - 120 Internal Marks - 30 Total marks – 150	
COURSE OBJECTIVES: 1 :To understand about sustainable tourism ,sustainable development and social responsibility 2 : To get knowledge of eco tourism and carrying capacity 3 : To identify differentiate among various dimensions of sustainable development 4 : To apprise about the role of govt, tourism industry and voluntary organisations for sustainable development	
UNIT- I	Sustainable Tourism- <ul style="list-style-type: none"> • meaning, definition, scope, sustainable development components, • major issues in understanding sustainable development, • principles of sustainable tourism management, • aspects of ethics and social responsibility Key Stake holders
UNIT- II	Key issues of sustainable tourism development <ul style="list-style-type: none"> • Ecotourism, carrying Capacity, • De-marketing, fair pricing, transportation, education, • Role of Industry , Role of public and private sector, community involvement and local control and linkages therein.
UNIT-III	. dimensions of Sustainable tourism <ul style="list-style-type: none"> • . Environment, economic life, social aspects. • Environment-scope of the concept of environment, major potential impacts of tourism on environment, • Economic Dimension-scope of the concept, and major impacts of tourism on it, • Social Dimension-scope of the concept of socio -cultural environment and impacts of tourism on socio cultural issues
UNIT- IV	Key Actors in sustainable tourism <ul style="list-style-type: none"> • Public sector, government bodies, local authorities, • Tourism industry, voluntary organisations host community, • Media, and tourists Books:

Suggested Readings:

1. swarbooke, J-sustainable Tourism Management-Rawat publication, Jaipur
2. William Theobald-Global Tourism: The Next Decade-Butterworth Heinemann.
3. <http://www.environment.gov.au/heritage/publications/strategy/pubs/steps.pdf>.
4. http://sanctuaries.noaa.gov/management/international/pdfs/day1_concepts_manual.pdf.
5. <http://www.unep.fr/shared/publications/pdf/IDTx0592xpA-TourismpolicyEfv.pAf>.
6. http://www.nwhf.no/files/File/culture_fulltext.pdf
7. http://www.rainforest-alliance.org/tourism/documents/tourism_practices_guide.pdf
8. http://unctad.org/en/Docs/ditctn20065_en.pdf
9. http://ec.europa.eu/enterprise/sectors/tourism/files/docs/tsg/tsg_final_report_en.pdf
10. <http://www.visitcalifornia.com/media/uploads/files/edit0rlcTTC%20sustainableTo20Tourism%20Handbook.pdf>

	Credits – 2
Viva voce	- 40
Internal Marks	- 10
Total marks	– 50

Course Objective:

Objectives: To provide basic and first hand experience of the tourism industry. Summer Training Report and Presentation majorly aims to review the knowledge and skills acquired by the candidate during four weeks of industrial training. Also it will act as a platform for sharing of information regarding experience of students in various organizations of the industry

Each student of B.A (Vocational) T.T.M. shall have to go for four to six weeks On The Job training /Practical Internship during the vacations after fourth semester in an approved Travel Agency, Business/Industrial/Govt./Service organization. The objective of this training is to make the student acquainted with the industrial / business working environment. After completion of the training they will have to submit a training report.. It is to be submitted by the date fixed by the university. The students will also have to submit an experience certificate from the company where he/she undertook the training. It will be evaluated by two examiners one internal and one external through viva voce .The external examiner shall be appointed by the university. The training report is part of the sixth semester.

DSE -3 PAPER -XIII B.A.(Vocational) TOURISM AND TRAVEL MANAGEMENT International Tourism Destinations Europe & North America		
		Credits – 5+1 External Marks - 120 Internal Marks - 30 Total marks – 150
COURSE OBJECTIVES: Co 1 : To understand the nature of international travel motives and travel statistics. Co 2 : To familiarize the students with the tourism destinations of Europe. Co 3 : To familiarize the students with the tourism destinations of North America. Co 4 : To study the role and functions of International tourism organizations		
UNIT- I	International Travel and Tourism Statistics <ul style="list-style-type: none"> • International Tourism meaning, definition & types. Travel motivators & deterrents, Pull & Push forces in Tourism, • Tourism trends at international level: Tourist arrivals and tourism receipts, Factors affecting growth of international tourism. 	
UNIT- II	Europe Tourist Destinations <ul style="list-style-type: none"> • Tourism Destinations in Europe: Major Tourism Places of Interest in UK, France, Spain, Switzerland, and Italy. 	
UNIT-III	North America Tourist Destinations <ul style="list-style-type: none"> • Tourism Destinations in North America: Major Tourism Places of Interest in USA, Canada, Mexico, Cuba. 	
UNIT- IV	International Tourism Organizations <ul style="list-style-type: none"> • International Tourism Organizations: UFTAA, UNWTO, ICAO. IATA • Challenges before international tourism 	

REFERENCE :

Suggested Readings:

1. Chand Mohinder, Kamra K.K : Basics of Tourism
2. Tourism Statistics at a Glance 2008 & 2009 by Ministry of tourism Govt. Of
3. India
4. Lonely Planet – Singapore, Malaysia, Thailand, China, Hong Kong, Australia.
5. Various Tourism Board Websites such as.
 - a. <http://www.yoursingapore.com>
 - b. <http://www.tourism.gov.my/>
 - c. <http://www.tourismthailand.org/>
 - d. <http://www.tourismchina.org/>
 - e. <http://www.discoverhongkong.com/login.html>
 - f. <http://www.tourism.australia.com/en-au/>

DSE -3 PAPER –XIV B.A.(Vocational) TOURISM AND TRAVEL MANAGEMENT ADVENTURE TOURISM (AIR BASED)	
Credits – 5+1 External Marks - 120 Internal Marks - 30 Total marks – 150	
COURSE OBJECTIVES: 1. To Familiarize with Concept, History, Nature & Scope of Adventure Tourism. 2. To explain minimum requirements for Air based Adventure Tourism 3 To Introduce various Air Based Adventure Activities. 4. To Discuss about Air Based Adventure Organisations and Impacts	
UNIT- I	Introduction to Adventure Tourism <ul style="list-style-type: none"> Adventure Tourism: Meaning, Definition and Concept of adventure tourism Historical Background of Adventure Tourism, Nature and scope of Adventure tourism in India. Geographical diversities for adventure tourism in India. Classification of Adventure tourism, various forms and types of Adventure Tourism.
UNIT- II	Basic Standards & Requirements For Air Based Adventure Tourism <ul style="list-style-type: none"> Basic minimum standard for air based adventure tourism related activities like parasailing, paragliding, Bungee Jumping, Tools & Equipments used in Air based Adventure Tourism, Air Based Adventure Tourism in India- Facilities Offered, Issues and considerations.
UNIT-III	Various Air Based Adventure Activities <ul style="list-style-type: none"> Air Based Adventurous Activities-- Ballooning, Hang gliding, Paragliding, Parasailing, Skydiving, Hang gliding & Paragliding: Equipment-- Parasailing: Equipment, Clothing & Techniques, Sky diving: Equipment, Clothing & Techniques for each & every activity
UNIT- IV	Impact of Air Based Adventure Tourism <ul style="list-style-type: none"> Air Based adventure tourism Organisations & training Institutes in India, Impacts of Adventure Tourism-Socio- cultural, economic & environmental. Issues from the perspective of different stakeholders (Government, Local people, Tourists & Tourism Businesses)

REFERENCE :

1. Pearce, D.G. and Butler, R.W. Contemporary issues in tourism development. Routledge
2. Satyendra Malik. Adventure Tourism.
3. Hall, CM and Page, SJ. The Geography of Tourism and Recreation. Routledge.
4. Dixit, M. Tourism Products. Royal Publishers.
5. Weare G, Trekking in the Indian Himalayas, Lonely Planet Pub, Hong Kong,
Hand book of National Parks, Wildlife Sanctuaries.

DSE -4 PAPER- XV B.A.(Vocational) TOURISM AND TRAVEL MANAGEMENT Salesmanship in tourism	
Credits – 5+1 External Marks - 120 Internal Marks - 30 Total marks – 150	
COURSE OBJECTIVES: 1 To understand the concept of sales management and theories of selling 2 To have knowledge of sales forecasting, sales planning and sales organisation 3 To have awareness about recruitment selection and sales quota 4 To apprise about the ethical issues and role of I T in sales management	
UNIT- I	Sales Management: <ul style="list-style-type: none"> • Concept, Objectives and Functions; • Personal Selling Concept & Importance, Personal Selling process; • Theories of selling. • Sales Management challenges in tourism.
UNIT- II	Sales Planning: <ul style="list-style-type: none"> • Importance, Approaches and Process of Sales Planning; • Sales Forecasting; Sales Budgeting, Sales Organization: Purpose, • Principles and Process of setting up a Sales Organization; Sales Organization Structures; Organizing for Global Sales, Determining Size of Sales Force
UNIT-III	Managing the Sales Force: <ul style="list-style-type: none"> • Recruitment, Selection, Training, Compensation, Motivation, • Territory and Quota Management: Need, Procedure for setting up Sales Territories; • Time Management; • Sales Quotas: Purpose, Types of Quotas, Administration of Sales Quota.
UNIT- IV	Control process: <ul style="list-style-type: none"> • Analysis of Sales Volume, Cost and Profitability; • Management of Sales Expenses, Evaluating Sale-Force Performance; • Ethical Issues in Sales Management. Role of IT in Sales Management

Suggested Readings:

1. Spiro, Stanton & Rich (2003), Management of a Sales Force 11th edition. Tata McGraw-Hill:
2. Still, Cundiff & Govoni (2007), Sales Management, 5th edition, Sage publications New Delhi.
3. Tapan K. Panda, Sunil Sahadev (2008), Sales and Distribution Management, Oxford University Press, New Delhi.
4. Tanner, Honeycutt, Erffmeyer (2009), Sales Management, Pearson Education India, New Delhi.
5. S.A. Chunawala (2008), Sales and Distribution Management, Himalaya Publishing House, New Delhi.
6. Gupta, S. L. (2005), Sales and Distribution Management, Excel Books, 1st Edition, New Delhi.
7. David Jobber, Geoff Lancaster (2003), Selling and Sales Management, Pearson Education India, New Delhi.

DSE -4 PAPER - XVI B.A.(Vocational) TOURISM AND TRAVEL MANAGEMENT Impacts Of Tourism		Credits – 5+1 External Marks - 120 Internal Marks - 30 Total marks – 120
COURSE OBJECTIVES: 1 : To understand the pattern of tourism development in different countries 2 : To have awareness about the economic significance of Tourism 3 : To familiarise with the socio cultural dimension of the Tourism 4 : To apprise about the environmental significance of tourism		
UNIT- I	Patterns of tourism development in the developed and the developing countries <ul style="list-style-type: none"> comparative analysis in terms of volume of tourist arrivals and earnings from tourism Tourism Development in the regions – Europe, Americas, Asia-Pacific region, Middle East and Africa in terms of volume of tourist arrivals and earnings from tourism Characteristics of mass tourism 	
UNIT- II	Economic significance of tourism <ul style="list-style-type: none"> Direct, Indirect and Induced Economic Impacts of tourism Negative Economic Impacts of Tourism Economic Impact Analysis 	
UNIT-III	Socio-cultural dimensions of tourism <ul style="list-style-type: none"> Positive Social & cultural Impacts of Tourism Negative Social & Cultural Impacts of Tourism Social Change and growth of tourism 	
UNIT- IV	Environmental significance of tourism <ul style="list-style-type: none"> Major Impact Areas – Natural Resources, Pollution and Physical Impacts Tourism development in relation to global warming, Climate Change, natural resource exploitation & Biodiversity loss Environmental Impact Assessment 	

REFERENCES

- Bartelmus, P. (1994). *Environment, Growth and Development: The Concepts and Strategies of Sustainability*. London, Routledge.
- Burns, P. and Holden, A. (1995). *Tourism: A New Perspective*. London, Prentice Hall.
- Butler, R. W. (1991). Tourism, environment and sustainable development. *Environmental Conservation*, **18**, 201–9.
- Cater, E. (1994). Introduction. In *Ecotourism: A Sustainable Option?* (E. Cater and G. Lowman, eds). London, John Wiley and Sons.
- Cooper, C., Fletcher, J., Gilbert, D. and Wanhill, S. (1998). *Tourism: Principles and Practice*. London, Longman.
- Davison, R. (1996). The impacts of tourism. In *Tourism Destinations* (R. Davison and Maitland, eds), pp. 18–45. London, Hodder and Stoughton.
- Peter Mason, 2009, *Tourism Impacts, Planning and Management*, Butterworth Publication, NEW YORK

**Department of Tourism and Hotel Management
Kurukshetra University, Kurukshetra**

**Under
Faculty of Commerce and Management,
Kurukshetra University, Kurukshetra**

PROGRAMME TITLE

**BACHELOR OF HOTEL MANAGEMENT
&
CATERING TECHNOLOGY
(BHM&CT)
(L.O.C.F / C.B.C.S)**

**w.e.f
Session: 2020-2024**

Program Outcomes for the Faculty of Commerce and Management

On successful completion of a program under Faculty of Commerce and Management, students will be able to develop:

- PO1. Soft skills and Working Skills: To comprehend, communicate and execute effectively and efficiently in all of their dealings.
- PO2. Leadership: To develop abilities to both lead and respect the views, positions and beliefs of others and to plan and manage effectively
- PO3. Innovativeness and Entrepreneurship: To explore issues and problems that needs solutions with entrepreneurial orientation
- PO4. Ethics and Values: To recognize, appreciate and follow ethical standards in all walks of life
- PO5. Adaptability and Sociability: Ready to understand and adapt the changing environment.
- PO6. Research and Analytical abilities: To Explore, analyses and provide solutions on emerging issues concerning various fields including public policy.
- PO7. Practical exposure and Employability: Exposure to actual working environment leading to employability
- PO8. Environmental Consciousness: In every action, dealing, service and manifestation

Programme Specific Objectives (PSO)
of
BHM &CT Programme

- To prepare students for entry level operational positions in hotels
- Knowledge of hotel functions
- Ability to work in different departments of the hotels
- Apply standard hotel management practices to operational work requirements.
- Becoming socially responsible hotel professional

**Bachelors in Hotel Management & Catering Technology Programme
(BHM&CT Programme)**

under

Learning Outcome Based Curriculum & Choice based credit system (LOCF / CBCS)

An undergraduate degree in Bachelors in Hotel Management & Catering Technology Programme (BHMCT Programme) under Learning Outcome Based Curriculum & Choice based credit system (LOCF/CBCS) will be awarded if the student complete **15 Core courses / papers** in the discipline, **2 AECC courses**, **6 SEC courses** and **15 DSE courses / papers**.

Proposed syllabus Structure of Bachelors in Hotel Management & Catering Technology Programme (BHMCT Programme) under Learning Outcome Based Curriculum & Choice based credit system (LOCF / CBCS)

Sem ester	CORE COURSE(CC) @6CREDITS	Ability Enhancement Compulsory Courses(AECC) @2 CREDITS	Skill Enhancement Courses (SEC) @2 CREDITS	Discipline Specific Elective (DSE) @6 CREDITS
1	CC-BHMCT-1	AECC-BHMCT-1 (English/MIL communication)/		DSE-BHMCT -1
	CC- BHMCT-2			
	CC- BHMCT-3			
	CC- BHMCT-4			
2	CC- BHMCT-5	AECC-BHMCT-2 Environmental Studies		DSE-BHMCT-2
	CC- BHMCT-6			
	CC- BHMCT-7			
	CC- BHMCT-8			
3	CC- BHMCT-9		SEC-BHMCT -1 Accounting skills for Hospitality	DSE-BHMCT-3
	CC- BHMCT-10			
	CC- BHMCT-11			
	CC- BHMCT-12			

4			SEC-BHMCT-2 French for Hotels -I	DSE-BHMCT-4
				DSE-BHMCT-5
				DSE-BHMCT-6
5	CC- BHMCT-13		SEC-BHMCT -3 Personality Development	
	CC- BHMCT-14			
	CC- BHMCT-15			
6			SEC- BHMCT-4 French for Hotels –II	DSE-BHMCT-7
				DSE-BHMCT-8
				DSE-BHMCT-9
7			SEC-BHMCT-5	DSE-BHMCT-10
				DSE-BHMCT-11
				DSE-BHMCT-12
8			SEC-BHMCT-6	DSE-BHMCT-13
				DSE-BHMCT-14
				DSE-BHMCT-15

AECC will be offered according to the time table adjustments in the Department /College.

*MOOC Course from Swayam portal

General instructions:

1. One credit equivalent to 1 hour of teaching /2 hours of Practical work
2. One credit (teaching /Practical) equivalent to 20 marks

Total credit hours for Bachelors in Hotel Management & Catering Technology Programme (BHMCT Programme) under Learning Outcome Based Curriculum & Choice based credit system (CBCS)

Course	Number of courses	Contact hrs	Credits
Core Course (CC)	15	6 (15x6=90)	90
Ability Enhancement compulsory course (AECC)	2	2 (2x2=4)	4
Skill Enhancement course (SEC)	6	2 (6x2=12)	12
Discipline Specific Elective Course (DSE)	15	6 (15x6=90)	90
Total	38	196 hrs	196 credits

BHM & CT

Under

**Learning Outcome Based Curriculum & Choice based credit system
(LOCF / CBCS)**

(Course Structure & detail syllabus)

w.e.f

Session: 2020-2024

Department of Tourism and Hotel Management
Kurukshetra University, Kurukshetra
Programme- BHM&CT
Scheme of Examination and Syllabus
w.e.f

Session: 2020-2024

Semester I										
Course Code		Course Title	Contact hrs Per week		C	Max Marks			Total Marks	Pass Marks
			Th.	P / Tu.		Internal	T	P		
CC-BHMCT-1	A	Food Production Foundation -I (Theory)	4	0	4	16	64	-	80	32
	B	Food Production Foundation -I (Practical)	0	4	2	08	-	32	40	16
CC- BHMCT-2	A	Food & Beverage Service Foundation - I (Theory)	4	0	4	16	64	-	80	32
	B	Food & Beverage Service Foundation – I (Practical)	0	4	2	08	-	32	40	16
CC-BHMCT-3	A	Front Office Operations – I (Theory)	4	0	4	16	64	-	80	32
	B	Front Office Operations - I (Practical)	0	4	2	08	-	32	40	16
CC- BHMCT-4	A	Housekeeping Operations – I (Theory)	4	0	4	16	64	-	80	32
	B	Housekeeping Operations – I (Practical)	0	4	2	08	-	32	40	16
DSC –BHMCT-1		Introduction to Hospitality & Tourism Industry	5	1	6	20	80	-	100	40
AECC- BHMCT -1		English / Communication Skills/in Hotels / MIL	2	0	2	08	32	-	40	16
			23	17	32				620	

CC- Core, T-Theory, P- Practical, Tu. – Tutorial, C-Credits, AECC - Ability Enhancement Compulsory Course, DSE – Discipline Specific Elective

Semester II										
Course Code		Course Title	Contact hrs Per week		C	Max Marks			Total Marks	Pass Marks
			Th.	P / Tu.		Internal	T	P		
CC-BHMCT-5	A	Food Production Foundation -II (Theory)	4	0	4	16	64	-	80	32
	B	Food Production Foundation -II (Practical)	0	4	2	08	-	32	40	16
CC- BHMCT-6	A	Food & Beverage Service Foundation - II (Theory)	4	0	4	16	64	-	80	32
	B	Food & Beverage Service Foundation – II (Practical)	0	4	2	08	-	32	40	16
CC-BHMCT-7	A	Front Office Operations – I (Theory)	4	0	4	16	64	-	80	32
	B	Front Office Operations - I (Practical)	0	4	2	08	-	32	40	16
CC- BHMCT-8	A	Housekeeping Operations – I (Theory)	4	0	4	16	64	-	80	32
	B	Housekeeping Operations – I (Practical)	0	4	2	08	-	32	40	16
DSC –BHMCT-2		Global trends in Hotel Operations	5	1	6	16	64	-	80	32
AECC- BHMCT -2		Environmental & Ecological Practices in Hotels	2	0	2	08	-	32	40	16
			23	17	32				620	

CC- Core, T-Theory, P- Practical, Tu. – Tutorial, C-Credits, AECC - Ability Enhancement Compulsory Course

Semester III										
Course Code		Course Title	Contact hrs Per week		C	Max Marks			Total Mark s	Pass Marks
			Th.	P / Tu.		Inte rnal	T	P		
CC-BHMCT-9	A	Introduction to Indian Cooking (Theory)	4	0	4	16	64	-	80	32
	B	Introduction to Indian Cooking (Practical)	0	4	2	08	-	32	40	16
CC- BHMCT-10	A	Food & Beverage Service operations (Theory)	4	0	4	16	64	-	80	32
	B	Food & Beverage Service operations (Practical)	0	4	2	08	-	32	40	16
CC-BHMCT-11	A	Front Office Operations – I (Theory)	4	0	4	16	64	-	80	32
	B	Front Office Operations - I (Practical)	0	4	2	08	-	32	40	16
CC- BHMCT-12	A	Housekeeping Operations – I (Theory)	4	0	4	16	64	-	80	32
	B	Housekeeping Operations – I (Practical)	0	4	2	08	-	32	40	16
DSE-BHMCT-3		Hygiene & Sanitation in Hospitality Industry	5	1	6	16	64	-	80	32
SEC-BHMCT-1		Accountancy Skills for Hospitality	2	0	2	08	32	-	40	16
			23	17	32				620	

CC- Core, T-Theory, P- Practical, Tu. – Tutorial, C-Credits, AECC - Ability Enhancement Compulsory Course

Semester IV										
Course Code		Course Title	T	P	C	Max Marks			Total Marks	Pass Marks
						Internal	T	P		
SEC-BHMCT-2		French for Hotels – I	2	-	2	8	32	-	40	16
DSE-BHMCT-4	A1	Regional Cuisine of India -I (Theory)	4	0	4	16	64	-	80	32
	A2	Regional Cuisine of India -I (Practical)	-	4	2	8	-	32	40	16
		OR								
	B1	Food & Beverage Service Management - I (Theory)	4	0	4	16	64	-	80	32
	B2	Food & Beverage Service Management-I (Practical)	-	4	2	8	-	32	40	16
		OR								
	C1	Accommodation Management – I (Theory)	4	0	4	16	64	-	80	32
	C2	Accommodation Management –I (Practical)	-	4	2	8	-	32	40	16
DSE-BHMCT – 5	A	Researching in Hospitality & Tourism Management	5	1	6	20	80	-	100	40
		OR								
	B	Retail Management (Theory)	5	1	6	20	80	-	100	40
DSE-BHMCT -6	A	Hospitality Law	5	1	6	20	80	-	100	40
		OR								
	B	Nutrition & Principle of Food Science	5	1	6	20	80	-	100	40
		OR								
	C	MOOC			6					
			16	6	20				360	

DSE – Discipline specific Elective T-Theory, P- Practical, C-Credits, SEC – Skill Enhancement Course

Semester V

6 Months Hotel Industrial Training

(Duration of exposure : 20 – 22 weeks)

Course Code	Course Title	Hours/ weeks	Credit		Total Marks	Pass Marks
CC- BHMCT- 13	Food Production Operations- Industry Exposure	180 hrs/ 4-6 weeks	6		120	
CC-BHMCT -14	Food & Beverage Service operations - Industry Exposure	180hrs / 4-6 weeks	6		120	
CC-BHMCT–15	Accommodation operation	180hrs / 4-6 weeks	6		120	
SEC-BHMCT-3	Personality Skills for Hospitality Learning from Industry	60 hrs	2		40	16
			20		400	

CC- Core, T-Theory, P- Practical, C-Credits, Core, SEC- Skill Enhancement Course

Semester VI										
Course Code		Course Title	T	P	C	Max Marks			Total Marks	Pass Marks
						Internal	T	P		
SEC-BHMCT -4		French for Hotels – II	2	-	2	8	32	-	40	16
DSE - BHMCT -7	A1	Regional Cuisine of India -II (Theory)	4	0	4	16	64	-	80	32
	A2	Regional Cuisine of India -II (Practical)	-	4	2	8		32	40	16
		OR								
	B1	Food & Beverage Service Management - II (Theory)	4	0	4	16	64	-	80	32
	B2	Food & Beverage Service Management-II (Practical)	-	4	2	8		32	40	16
		OR								
	C1	Accommodation Management – II (Theory)	4	0	4	16	64	-	80	32
	C2	Accommodation Management –II (Practical)	-	4	02	8		32	40	16
DSE-BHMCT – 8	A	Project work / Dissertation	4	2	6	20	80	-	100	40
		OR								
	B	Event Management (Theory)	5	1	6	20	80	-	100	40
DSE-BHMCT-9	A	Hospitality Marketing	5	1	6	20	80	-	100	40
		OR								
	B	Hotel Facility Planning	5	1	6	20	80	-	100	40
		OR								
	C	MOOC			6					
			16 or 15	7 or 6	20				360	

DSE – Discipline specific Elective, T-Theory, P- Practical, C-Credits, SEC – Skill Enhancement Course

Semester VII										
Course Code		Course Title	T	P / T u.	C	Max Marks			Total Mark s	Pass Marks
						Inter nal	T	P		
SEC -BHMCT -5	A 1	Skill Enhancement for Media & Journalism	2	-	2	8	32	-	40	16
		OR								
	B 1	Application of Computers in Hospitality & Tourism	2	-	2	8	32	-	40	16
		OR								
	C1	Web Application in Hospitality & Tourism (Theory)	2	-	2	8	32	-	40	16
DSE- BHMCT – 10	A1	Human Resource Management in Hotels (Theory)	5	1	6	20	80	-	100	40
		OR								
	B2	Front office Management (Theory)	5	1	6	20	80	-	100	40
DSE- BHMCT – 11	A1	Safety Security and Travel Documentation (Theory)	5	1	6	20	80	-	100	40
		OR								
	B2	Laundry management (Theory)	5	1	6	20	80	-	100	40
DSE- BHMCT – 12	A1	Bakery Management (Theory)	5	1	6	20	80	-	100	40
		OR								
	B2	Foreign Cuisine (Italian / Mexican / Chinese / Thai) (Theory)	5	1	6	20	80	-	100	40
			17	03	20				340	136

DSE – Discipline specific Elective, T-Theory, P- Practical, C-Credits, SEC – Skill Enhancement Course

Semester VIII (Industry Exposure – On the job training, 15-18 weeks – 90-100 days)								
Course Code		Course Title	Industry Exposure	Credits			Total Marks	Pass Marks
SEC - BHMCT -6	B1	Writing Skills for hospitality	60 hrs	2			40	16
		OR						
	B2	Hospitality Operations Software Skills	60hrs	2			40	16
		OR						
	C2	Trade presentation Skills	60hrs	2			40	16
DSE – BHMCT- 13	A1	Human Resource Management in Hotels (Industry exposure)	180 hrs/ 4-5 weeks	6			100	40
		OR						
	B2	Practices in Front office Management (Industry Exposure)	180hrs / 4-5 weeks	6			100	40
DSE - BHMCT – 14	A1	Safety Security and Travel Documentation (Industry exposure)	180hrs / 4-5 weeks	6			100	40
		OR						
	B2	Practices in Laundry Management (Industry exposure)	180hrs / 4-5 weeks	6			100	40
DSE - BHMCT – 15	A1	Bakery Management (Industry exposure)	180 hrs / 5-6 weeks	6			100	40
		OR						
	B2	Foreign Cuisine (Italian / Mexican / Chinese / Thai) (Industry exposure)	180 hrs / 5-6 weeks	6			100	40
				20			340	136

DSE – Discipline specific Elective, T-Theory, P- Practical, C-Credits, SEC – Skill Enhancement Course

Total Semesters & Credits

Marks Distribution	Sem 1	Sem 2	Sem 3	Sem 4	Sem 5	Sem 6	Sem 7	Sem 8	Total
Credits allocated	32	32	32	20	20	20	20	20	196
Marks in Each Sem	620	620	620	360	400	360	340	340	3660
Grand Total Marks	3660								
Grand Total credits	196 credits								

BHM & CT

(Detail Syllabus)

w.e.f

Session: 2020-2024

SEMESTER I

CC-BHMCT-1A FOOD PRODUCTION FOUNDATION –I (THEORY)		
Credits – 04 External Marks - 64 Internal Marks - 16 Total marks – 80		
COURSE OBJECTIVES: Co 1 : Knowledge of Professional Kitchen & Cooking in Hotels Co 2 : familiarizing with Kitchen Equipments, Fuels & Safety Co 3 : Ability to identify different cooking Ingredients Co 4 : Knowledge of various cooking methods & food production system		
UNIT- I	Professional Kitchen & Cooking: <ul style="list-style-type: none"> • Introduction, Definition, and its importance • Culinary History, Origin Of Modern Cookery • Aims and objectives of cooking food • Kitchen Layouts (Basic, Bulk and Show kitchens) • Hierarchy of Kitchen Department, Classical Kitchen Brigade, • Modern Staffing in various hotels, Duties & Responsibilities of various chefs in kitchen, their attributes • Coordination of kitchen with other departments of hotels 	CO 1
UNIT- II	Kitchen Equipments, Fuels & Safety: <ul style="list-style-type: none"> • Kitchen Equipments, Classifications & their usage • Knives- its types and Their Usage • Fuel – its Types and their Usage • Personal Hygiene, Uniform, Protective clothing • Kitchen Hygiene • Basic First Aid- Burns, Scalds, Cuts 	CO 2
UNIT-III	Ingredients used in cooking : introduction , types ,uses in kitchen <ul style="list-style-type: none"> • Cereals • Pulses • Fruits • Vegetables & their cuts • Nuts • Salt • Sweeteners • Fat & oil • Milk and Milk Products • Herbs • spices • Condiments 	CO 3

UNIT- IV	Various cooking methods & food production system <ul style="list-style-type: none">• Moist heat methods• Dry methods• Modern & advanced methods of cooking• Cook chill• Cook freeze• Sous vide	CO4
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REFERENCE :

- Food Production Operations: Parvinder S Bali, Oxford University Press
- Modern Cookery (Vol- I) By Philip E. Thangam, Publisher: Orient Longman
- Professional Cooking by Wayne Gislen, Publisher Le Cordon Bleu
- Theory of Cookery By K Arora, Publisher: Frank Brothers

CC-BHMCT-1B FOOD PRODUCTION FOUNDATION –I (PRACTICAL)

Credits – 02

External Marks - 32

Internal Marks - 08

Total marks – 40

- Understanding Personal Hygiene & Kitchen Hygiene
- Grooming for Professional Kitchen – Do's & Don'ts
- Understanding kitchen Layouts.
- Familiarization with kitchen equipments and tools
- Kitchen First Aid
- Familiarization, identification of commonly used ingredients in kitchen
- Vegetables Varieties, Classifications
- Various Cuts Of Vegetables
- Methods Of Cooking Vegetables
- Vegetables –Their usage and cooking precautions
- Preparation of Various egg dishes like :Omelet's (Plain, Spanish, Stuffed)
- Preparation of Various evening snacks
- Preparations of various cookies
- Culinary Terms

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	1	1	2	1	1	2	3	1
Co 2	1	1	2	1	1	2	3	1
Co 3	1	2	2	1	1	2	3	1
Co 4	1	1	2	1	1	1	3	2
	1.	1.25	2	1	1	1.75	3	1.25

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	3	3	1	2	2
Co 2	3	2	1	2	1
Co 3	3	3	2	3	3
Co 4	3	3	3	2	2
	3	2.75	1.75	2.25	2

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
Co 1	1	1	2	1	1	2	3	1	3	3	1	2	2
Co 2	1	1	2	1	1	2	3	1	3	2	1	2	1
Co 3	1	2	2	1	1	2	3	1	3	3	2	3	3
Co 4	1	1	2	1	1	1	3	2	3	3	3	2	2
	1.	1.25	2	1	1	1.75	3	1.25	3	2.75	1.75	2.25	2

CC-BHMCT-2A FOOD & BEVERAGE SERVICE FOUNDATION -I (THEORY) Credits – 04 External Marks - 64 Internal Marks - 16 Total marks – 80		
COURSE OBJECTIVES: <ul style="list-style-type: none"> - Co 1 Gain the Knowledge of Food & beverage service department in Hotels. - Co 2 Familiar with Food & Service equipment's. - Co 3 Learn about different types of menu and their planning. - Co 4 Remember the various food and beverage service methods. 		
UNIT- I	Food and Beverage Services: - Introduction, concept, and , their importance, Personal hygiene, Uniform & grooming standards, -food & beverage service outlet. Hierarchy of food & beverage service department, Duties & responsibilities of various employees in food & beverage service, their attributes; Coordination of food & beverage service with other departments. Classification of catering establishment- commercial and non commercial	CO 1
UNIT- II	Food Service Equipments: <ul style="list-style-type: none"> • Food Service Equipments, criteria for selection, • Classification, , • Usage, • Storage, • Care & Maintenance, • Other equipments. 	CO 2,
UNIT-III	Menu planning: <ul style="list-style-type: none"> • Menu planning concept, • Factors to be considered while planning a menu • Menu Types, • Salient Features, • Menu Designs, • Presenting of Menu, Layout of Table, • Napkin Folding (At least Ten Types) 	CO 3
UNIT- IV	Food & Beverage service Methods: <ul style="list-style-type: none"> • Introduction, • Classification of Services Methods, , • Mise-en-place and Mise-en-scene, • arrangement and Setting up of station, 	CO4

	<ul style="list-style-type: none">• procedure of taking a guest order.• Par stocks maintained at each side station	
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REFERENCES:

Text Book:

Food & Beverage Service – Dennis R.Lillicrap. & John A. Cousines. Publisher: ELBS

Food & beverage Service Training Manual – Sudhir Andrews, Tata Mc Graw Hill.

Food & Beverage Service – R.Singaravelavan.

Food & Beverage Service& Management -- Bobby George & Sandeep Chatterjee

Food & Beverage Service- Anita Sharma & S N Bagchi.

CC-BHMCT-2B FOOD & BEVERAGE SERVICE FOUNDATION -I (PRACTICAL)	
	Credits – 02
	External Marks - 32
	Internal Marks - 08
	Total marks – 40
<ul style="list-style-type: none"> • Understanding Personal Hygiene & Food Service Hygiene • Grooming for Professional Food Service – Do's & Don'ts • Understanding Food Service Outlets. • Familiarization with Food Service equipments: identification of crockery, cutlery, hollowware, flatware and tableware. • Understanding Service Methods, Setting up of Side • Station, Table Layouts, Presenting Menus. 	

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	2	2	2	1	3	1	2	2
Co 2	2	1	1	1	1	1	3	2
Co 3	2	2	2	2	2	2	1	1
Co 4	3	2	1	2	2	1	3	2
	2.75	1.75	1.5	1.5	2	1.25	2.25	1.75

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	3	3	1	2	2
Co 2	1	2	1	2	2
Co 3	3	1	1	3	2
Co 4	3	3	1	2	2
	2.5	2.25	1	2.25	2

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	2	2	2	1	3	1	2	2	3	3	1	2	2
Co 2	2	1	1	1	1	1	3	2	1	2	1	2	2
Co 3	2	2	2	2	2	2	1	1	3	1	1	3	2
Co 4	3	2	1	2	2	1	3	2	3	3	1	2	2
	2.75	1.75	1.5	1.5	2	1.25	2.25	1.75	2.5	2.25	1	2.25	2

CC-BHMCT-3A FRONT OFFICE OPERATIONS-I (THEORY)		
Credits – 04 External Marks - 64 Internal Marks - 16 Total marks – 80		
COURSE OBJECTIVES: <ul style="list-style-type: none"> - Co 1: Examining hotel startup process and its classification. - Co 2: Defining the basics of hotel front office and its sections. - Co 3: Summarizing organizational structure of front office and its coordination. - Co 4: Memorizing guestrooms, tariff and guest cycle. 		
UNIT- I	Hotel and its classification: Introduction, hotel approval and classification (HRACC), Classification of hotel on the basis of Star category, size of the hotel, clientele, Location, Ownership, Independent, Management Contract, Chains/Franchise/Affiliated hotels and Time share hotels.	CO 1
UNIT- II	Hotel Front Office: Introduction, Functions and its importance in hotel, Layout of the front office department, Different sections of the front office department– Reservation, Reception, Concierge, Bell desk, Lobby, Telephones, Cashier, Business Communication.	CO 2
UNIT-III	Front Office Staff: Organization structure and hierarchy of Front Office Department in a Small, Medium and Large Hotels. Job description and specification of different front office personnel, Uniform and grooming standard, Attributes of front office employees.	CO 3

	Front office Coordination: Coordination of front office department (Inter and intra departmental).	
UNIT- IV	Guestrooms and tariff: Different types of rooms, Numbering of rooms, meal plans combined with room tariff, Tariff Card, Rates, Discounts, Allowance. Guest Cycle: Pre-Arrival, Arrival, Occupancy, Departure, Post Departure.	CO 4

SUGGESTED READINGS

Reference books:

- Gonda, M. C. (2015). Handbook of Attire & Grooming. Embassy Books; First edition.
- Kasavana, L. M, Cahil, J. J (1992). Managing Computers in the Hospitality Industry. Educational Institute of the Amer Hotel; 2nd edition
- Smart Family (2018). All Countries, Capitals and Flags of the World!.CreateSpace Independent Publishing Platform.
- World Tourism Organization (2015). Hotel Classification Systems. WTO.

Text Books:

- Andrews, S. (2017). Hotel Front Office: A Training Manual. McGraw Hill Education; Third edition.
- Bardi, A. J. (2012). Hotel Front Office Management. Wiley India Pvt Ltd; Fifth edition.
- Bhakta, A. (2011). Professional Hotel Front Office Management. McGraw Hill Education.
- Bhatnagar, S. K. (2011). Front Office Management. Frank Bros.
- Kasavana, L. M. (2000). Managing Front Office Operations. Educational Institute of the American Hotel & Motel Association; 5th edition edition
- Tewari, J. (2016). Hotel Front Office: Operations and Management. Oxford University Press; Second edition.

- Woods, H. R., Ninemeier, J. D., Hayes, D. K. and Austin, M. A (2013). Professional Front Office Management: Pearson New International Edition, Pearson Education Limited; illustrated.
- Yadav, M. K. (2014). Hotel Front Office- Management & Operations. Aman Publications; 2 edition.

CC-BHMCT-3B FRONT OFFICE OPERATIONS-I (PRACTICAL)

Credits – 02

External Marks - 32

Internal Marks - 08

Total marks – 40

- Preparation and study of countries, capitals, flags and currencies in terms of tourist arrival.
- Get familiarize with airports and airport codes, major airlines in terms of tourist arrivals.
- Understanding Personal Hygiene Grooming Standards
- Understanding Layouts of Front Office department.
- Identification of Front Office equipment and furniture.
- DO'S and Don'ts for new entrants/employees in the front office
- Basic front office terminology.
- Role play in reference to the theory syllabus
 - Check-in Procedure
 - Receiving at the porch
 - Bell Desk functions
 - Concierge
 - Reception

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
Co 1	2	2	3	1	2	1	1	2
Co 2	3	2	1	1	1	1	3	1
Co 3	3	3	1	2	1	1	3	2
Co 4	3	2	2	1	1	2	3	1
	2.75	2.25	1.75	1.25	1.25	1.25	2.5	1.5

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	3	2	1	2	2
Co 2	3	3	2	3	1
Co 3	3	3	3	3	3
Co 4	3	3	3	3	3
	3	2.75	2.25	2.75	2.25

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
Co 1	2	2	3	1	2	1	1	2	3	2	1	2	2
Co 2	3	2	1	1	1	1	3	1	3	3	2	3	1
Co 3	3	3	1	2	1	1	3	2	3	3	3	3	3
Co 4	3	2	2	1	1	2	3	1	3	3	3	3	3
	2.75	2.25	1.75	1.25	1.25	1.25	2.5	1.5	3	2.75	2.25	2.75	2.25

CC-BHMCT-4A HOUSEKEEPING OPERATIONS-I (THEORY)		
Credits – 04 External Marks - 64 Internal Marks - 16 Total marks – 80		
COURSE OBJECTIVES: CO1 Developing an understanding of housekeeping department and its organizational structure. CO2 Acquire the skills about Housekeeping control desk procedures. CO3 Attain knowledge about hotel guest rooms and guest room features. CO4 Students able to understand the methods of cleaning.		
UNIT- I	MEANING, IMPORTANCE AND ORGANISATION CHART OF THE HOUSEKEEPING DEPARTMENT Introduction: Meaning and definition and Importance of Housekeeping department Role of Housekeeping in Guest Satisfaction and Repeat Business Hierarchy of Housekeeping Department in small, medium, large and chain hotels Identifying Housekeeping Responsibilities Personality Traits of housekeeping Management Personnel. Duties and Responsibilities of Housekeeping staff Layout of the Housekeeping Department	
UNIT- II	ROUTINE SYSTEMS AND RECORDS OF HOUSE KEEPING DEPARTMENT Functions of Control Desk and its importance <ul style="list-style-type: none"> • Room Occupancy Report • Guest Room Inspection • Entering Checklists, Floor Register, Work Orders, Log Sheet. • Lost and Found Register and Enquiry File • Maid's Report and Housekeeper's Report 	CO 2,

	<ul style="list-style-type: none"> • Handover Records • Reporting Staff placement • Guest's Special Requests Register • Record of Special Cleaning Call Register • VIP Lists <p>Interdepartmental relationship with Front Office, Maintenance, Security, Stores, Accounts, Personnel</p>	
UNIT-III	ROOM LAYOUT Types of Guest Room Layout of guest room Difference between Standard room and VIP Room Guest Room Supplies Use of Computers in House Keeping department Functions of Housekeeping in other industries Hospital, Airlines, Cruise, Multiplexes etc.	CO 3
UNIT- IV	CLEANING ORGANISATION Principles of cleaning, hygiene and safety factors in cleaning Methods of organising cleaning Frequency of cleaning daily, periodic, special, Deep Cleaning Design features that simplify cleaning Cleaning Equipment (Mechanical/Manual) Characteristics of Good equipment Care, Storage, and Maintenance and control of equipment	CO4

REFERENCES:

Text book :

- Hotel House Keeping – Sudhir Andrews Publisher: Tata Mc Graw Hill.
- Hotel Housekeeping Operations & Management – Raghubalan, Oxford University Press.

CC-BHMCT-4B HOUSEKEEPING OPERATIONS-I (PRACTICAL)

Credits – 02

External Marks - 32

Internal Marks - 08

Total marks – 40

- 1 Sample Layout of Guest Rooms Single room, Double room, Twin room, Suite
- 2 Guest Room Supplies and Position in Standard room, Suite, VIP room special amenities
- 3 Cleaning Equipment-(manual and mechanical) Familiarization, Different parts, Function, Care and maintenance
- 4 Maids Trolley: Set Up, Stocking and usage.
- 5 Daily Cleaning of Guest room and Bath Room
- 6 Control desk records and formats
 - Inspection checklist
 - Records Room occupancy report
 - Checklist
 - Floor register
 - Work/ maintenance order
 - Lost and found
 - Maid's report
 - Housekeeper's report
 - Log book
 - Floor linen book/ register
 - VIP list
 - Call register
 - Record of special cleaning
 - Guest special request register

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	2	2	2	1	2	1	3	1
Co 2	3	2	1	1	1	1	2	1
Co 3	3	2	2	1	2	1	3	2
Co 4	2	2	2	1	2	1	3	1
	2.5	2	1.75	1	1.75	1	2.75	1.25

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	3	3	2	2	2
Co 2	3	3	2	3	1
Co 3	3	3	1	2	2
Co 4	3	2	1	2	1
	3	2.75	1.5	2.25	1.5

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	2	2	2	1	2	1	3	1	3	3	2	2	2
Co 2	3	2	1	1	1	1	2	1	3	3	2	3	1
Co 3	3	2	2	1	2	1	3	2	3	3	1	2	2
Co 4	2	2	2	1	2	1	3	1	3	2	1	2	1
	2.5	2	1.75	1	1.75	1	2.75	1.25	3	2.75	1.5	2.25	1.5

DSE-BHMCT-1 INTRODUCTION TO HOSPITALITY & TOURISM INDUSTRY		
Credits – 06 External Marks - 80 Internal Marks - 20 Total marks – 100		
COURSE OBJECTIVES: Co 1 : Knowledge of hospitality industry Co 2 : familiarizing with Ownership structure of hotels Co 3 : Knowledge of hotel organization Co 4 : Ability to identify different Hospitality sector		
UNIT- I	Hospitality Industry- An introduction : <ul style="list-style-type: none"> • Concept, origin and growth overtime, • scope, current and future trends and developments in Industry • Hospitality industry & linkages with other industries • Role in global and Indian economy. • External environment and hospitality industry • Major international & Indian hotel chains 	CO 1
UNIT- II	Ownership structure of hotels : <ul style="list-style-type: none"> • Types- Sole proprietorship, • Partnership, • Management Contract, • Joint Venture, • Franchisee, • Public Sector, • Private Sector • Referral Groups/Consortium-Concept, Features, Advantages and Disadvantages. 	CO 2
UNIT- III	Hotel Organization : Small ,Medium, Large <ul style="list-style-type: none"> • Organization structure & hierarchy of hotels • Departments in hotels Front office, Housekeeping, Food and Beverage (service & production), Engineering & Maintenance, Security, Human Resource depts., Sales & Marketing, Purchase & Stores, Accounts. 	CO 3

	<ul style="list-style-type: none"> • Inter relationship among various departments of hotels • Hotel management & career opportunity 	
UNIT-IV	Hospitality Sectors : <ul style="list-style-type: none"> • Accommodation: concept and types • Food & Beverage sectors • Tourism- concept, types • Transportation: air, water & land • Attraction, Recreation, Events and others. 	CO4

REFERENCES:

- Introduction to Hospitality-John R. Walker University of South Florida Publisher: Prentice Hall
- Managing Front Office Operations – Kasavana & Brooks
- Introduction to Tourism & Hospitality Industry – Sudhir Andrews – TATA Mc Graw – Hill
- Hospitality World!: An Introduction- Harold E. Lane, Denise Dupré ; Wiley International
- Introduction to the Hospitality Industry, Study Guide, 7th Edition - Clayton W. Barrows, Wiley

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	1	2	1	1	1	1	1	1
Co 2	1	2	1	1	1	1	1	1
Co 3	3	2	2	1	2	2	3	1
Co 4	2	1	1	1	1	1	2	2
	1.75	1.75	1.25	1	1.25	1.25	1.75	1.25

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	3	2	1	1	2
Co 2	1	1	1	1	1
Co 3	3	3	3	3	3
Co 4	2	3	3	2	2
	2.25	2.25	2	1.75	2

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
Co 1	1	2	1	1	1	1	1	1	3	2	1	1	2
Co 2	1	2	1	1	1	1	1	1	1	1	1	1	1
Co 3	3	2	2	1	2	2	3	1	3	3	3	3	3
Co 4	2	1	1	1	1	1	2	2	2	3	3	2	2
	1.75	1.75	1.25	1	1.25	1.25	1.75	1.25	2.25	2.25	2	1.75	2

AECC-BHMCT-1 BUSINESS COMMUNICATION		
Credits – 02 External Marks - 32 Internal Marks - 08 Total marks – 40		
COURSE OBJECTIVES: <ul style="list-style-type: none"> - Co 1 Knowledge of business communication in Hotels - Co 2 Developing English speaking skills for day to day work - Co 3 Ability to write business letters & other documents. - Co 4 Developing professional body language for work environment. 		
UNIT- I	Meaning, Significance and Scope of Communication; Communication Process, Communication-types- upward, downward, horizontal, vertical and diagonal, verbal, nonverbal and oral and written. Flow of information in Hotel organizations and role of effective communication in improving it, Barriers to communication in hotels	CO 1
UNIT- II	English communication skills Business Writing; Principles for Clear Business Writing; Adoption, Word Selection, Sentence Construction., Drafting effective letters- formats, styles of writing; writing Memos, , Email, Business Reports Different Types of Reports and their format. Curriculum Vitae.	CO 2, CO 3
UNIT-III	English oral communication: Telephonic conversation- protocol for mobile & landline ; Public speaking and presentation skills Participation in Meetings; Group Discussions, Interview	CO 2, CO 3
UNIT- IV	Body Language & grooming, Importance. Reading Body Language, professional Body Language for hotel work environment	CO4

REFERENCES BOOKS:

1. Carnegie, D. (1964). How to win friends and influence people. New York: Simon and Schuster.
2. Kroehnert, G. (2010). Basic Presentation Skills. Sidney: McGraw Hill.
3. Schneider, W. J., Lichtenberger, E. O, Mather, N., Kaufman, N. L. (2018). Essentials of Assessment Report Writing. John Wiley & Sons.
4. Seal, P.P. (2015). How to Succeed in Hotel Management Job Interviews. Jaico Publishing House.

TEXT BOOK

1. Bovee, C. L. (2010). Business Communication Essentials. Pearson Education; 4 edition.

2. Kumar, S., Lata, P. (2015). Communication Skills. Oxford University Press.
3. Gupta, N., Jain, K., Mahajan, P. (2018). Business Communication. SahityaBhawan Publications.
4. Murphy, H., Hildebrandt, H., Thomas, J. (2017). Effective Business Communication. McGraw Hill Education; 7 edition
5. Taylor, S. (2015). Model Business Letters, Emails and Other Business Documents. Prentice Hall.

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	2	2	1	1	1	1	1	1
Co 2	3	1	1	1	2	1	2	1
Co 3	3	1	2	1	1	1	1	1
Co 4	3	1	1	2	1	1	2	1
	2.75	1.25	1.25	1.25	1.25	1	1.50	1

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	2	3	1	1	1
Co 2	1	2	1	1	1
Co 3	1	2	2	2	1
Co 4	1	1	1	2	1
	1.25	2	1.25	1.5	1

**MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC
OBJECTIVE**

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	2	2	1	1	1	1	1	1	2	3	1	1	1
Co 2	3	1	1	1	2	1	2	1	1	2	1	1	1
Co 3	3	1	2	1	1	1	1	1	1	2	2	2	1
Co 4	3	1	1	2	1	1	2	1	1	1	1	2	1
	2.75	1.25	1.25	1.25	1.25	1	1.50	1	1.25	2	1.25	1.5	1

SEMESTER II

<p align="center">CC-BHMCT-5A FOOD PRODUCTION FOUNDATION –II (THEORY)</p> <p align="right"> Credits – 04 External Marks - 64 Internal Marks - 16 Total marks – 80 </p>		
<p>COURSE OBJECTIVES:</p> <p>Co 1 : Knowledge of effects of heat on vegetables & chemical changes</p> <p>Co 2 : familiarizing with Preparation techniques</p> <p>Co 3 : Ability to understand stock ,soup, sauces , sausages & salad</p> <p>Co 4 : Knowledge of various eggs, fish's poultry, meat & offal's in cooking.</p>		
UNIT- I	<p>Vegetable Cookery : introduction</p> <ul style="list-style-type: none"> • Pigments and color changes • Effects of heat on vegetables • Food Preservatives & Additives-natural and chemical. • Various Flavoring agent • Thickening agents / binding agents • Souring agents 	CO 1
UNIT- II	<p>Preparation of ingredients:</p> <ul style="list-style-type: none"> • Pre- Preparation techniques & their types • Preparation techniques & their types • Methods of mixing foods 	CO 2
UNIT-III	<p>Stock , soup , sauces ,salami , sausages & salads :</p> <ul style="list-style-type: none"> • Stocks, Types of Stock , Uses of Stocks, • Preparation of Stock, Recipes • Soups, types of soup ,uses of soup • Preparation of Soup, Recipes • Sauces, Classification of Sauces, • Preparation of sauces Recipes For Mother Sauces, their derivatives • Sausages & its Types of sausage • Salami & Salami ingredients and manufacturing process • Varieties of salami • Salads ,it composition & types • salad dressings & emerging trends in salad dressing 	CO 3

UNIT- IV	Eggs, fish's, Poultry , Meat & offal's : <ul style="list-style-type: none">• Eggs – Introduction, Usage in Kitchen,• Structure of Egg,• Classification of Eggs, Types• Selection, Storage and preparation of breakfast dishes with eggs• Fish & Shellfish, Their Classification , various cuts ,selection criterion,• Poultry and Game: Introduction, Classification, Selection Criterion, Cuts of Poultry• Meat: Characteristics, selection and Classification (Bovines, Ovine's and Swine's)• Cuts Of /Veal, Lamb/Mutton/Pork• Variety of meats/offal's	CO4
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TEXT BOOKS:

- Food Production Operations: Parvinder S Bali, Oxford University Press
- Modern Cookery (Vol- I) By Philip E. Thangam, Publisher: Orient Longman
- Professional Cooking by Wayne Gislen, Publisher Le Cordon Bleu
- Theory of Cookery By K Arora, Publisher: Frank Brother

CC-BHMCT-5A FOOD PRODUCTION FOUNDATION –II (PRACTICAL)

Credits – 02

External Marks - 32

Internal Marks - 08

Total marks – 40

- Preparation of various Stocks
- Preparation of various Soups
- Preparation of mother sauces
- Preparation of various salads
- Familiarization with, Poultry, Meats & Fishes – Their Simple Cuts and Cooking
- Identification of types of rice varieties & pulses
- Preparations of various Breakfast
- Preparation of various cup cakes & muffins

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	1	1	2	1	1	2	3	1
Co 2	1	1	2	1	1	2	3	1
Co 3	1	2	2	1	1	2	3	1
Co 4	1	1	2	1	1	1	3	2
	1.	1.25	2	1	1	1.75	3	1.25

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	3	3	1	2	2
Co 2	3	2	1	2	1
Co 3	3	3	2	3	3
Co 4	3	3	3	2	2
	3	2.75	1.75	2.25	2

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	1	1	2	1	1	2	3	1	3	3	1	2	2
Co 2	1	1	2	1	1	2	3	1	3	2	1	2	1
Co 3	1	2	2	1	1	2	3	1	3	3	2	3	3
Co 4	1	1	2	1	1	1	3	2	3	3	3	2	2
	1.	1.25	2	1	1	1.75	3	1.25	3	2.75	1.75	2.25	2

<p align="center">CC-BHMCT-6A FOOD & BEVERAGE SERVICE FOUNDATION -II (THEORY)</p> <p align="right">Credits – 04 External Marks - 64 Internal Marks - 16 Total marks – 80</p>		
<p>COURSE OBJECTIVES:</p> <ul style="list-style-type: none"> - Co 1 Create awareness about different meals during the day. - Co 2 Understanding of various food and beverage Restaurant & French Classical menu. - Co 3 Remember the concept of room service/ In Room Dinning. - Co 4 Analyze about Non- Alcoholic beverages and their control. 		
UNIT- I	<p>Meals during the day:-</p> <ul style="list-style-type: none"> • Breakfast: Types &classification, Preparation for Breakfast Services, arrangement and setting up of tables/ trays, • Brunch • Lunch • High tea • Dinner • Supper & • Emerging trends in F&B service. 	CO 1
UNIT- II	<p>Food and Beverage Services in Restaurants:</p> <ul style="list-style-type: none"> • Concept of Restaurant, Types of Restaurants, • Set up of Restaurants and their Layouts, • Equipment, furniture and fixtures used in the restaurant and their use and maintenance, • Classical French menu & its Accompaniments with cover. 	CO 2,
UNIT-III	<p>Room Service/ In Room Dinning:</p> <ul style="list-style-type: none"> • Introduction, Concept of Room Service/ In Room Dinning • Room service staffing ,and Room service menu, • Room Service cycle, • Room Service Equipment's, Set up of Trays & Trolleys, • Breakfast card, • Mini Bar Management in Guest Rooms. 	CO 3

UNIT- IV	Non Alcoholic Beverages & control methods: <ul style="list-style-type: none">• Introduction,• Types - Hot & cold Beverages, popular brands,• Mocktails- Introduction, Types, Preparation and Service Techniques,• Billing methods- duplicate & Triplicate system,• Computerized KOTs & BOTs .	CO4
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REFERENCES:

Text book :

Food & Beverage Service – Dennis R.Lillicrap. & John A. Cousines. Publisher: ELBS

Food & beverage Service Training Manual – Sudhir Andrews, Tata Mc Graw Hill.

Food & Beverage Service – R. Singaravelavan.

Food & Beverage Service & Management -- Bobby George & Sandeep Chatterjee

Food & Beverage Service- Anita Sharma & S N Bagchi.

Reference book :

CC-BHMCT-6B FOOD & BEVERAGE SERVICE FOUNDATION -II (PRACTICAL)	
	Credits – 04 External Marks - 64 Internal Marks - 16 Total marks – 80
<ul style="list-style-type: none"> • Breakfast Services: Types, Breakfast Layouts, Menu Knowledge, Table Services, Clearance & Acknowledging guests. • Familiarization with Food Service in Restaurants Receiving Guests, Table Layouts, Complimenting them, Presentation of Bills. • Restaurant Services – Their salient features, Table Layouts, Presenting Menus, precautions while dealing with guests, Commitments with guests, Food Pickup Procedures, • Clearance and Dishwashing Procedures. • Room Service Practical, Taking of Orders, Delivery of Food Services, Identifying Room Service Equipment. • Understanding Non Alcoholic Beverages, Types & Service Techniques. • Guest Interactions while on Food Service – Do's & Don'ts. 	

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	2	2	2	1	2	1	2	1
Co 2	2	2	3	1	2	2	3	1
Co 3	2	1	1	1	2	1	3	1
Co 4	3	2	2	1	2	1	2	1
	2.25	1.75	2	1	2	1.25	2.5	1

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	3	2	2	2	2
Co 2	3	2	2	3	2
Co 3	3	2	1	2	3
Co 4	3	2	1	2	1
	3	2	1.5	2.25	2

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	2	2	2	1	2	1	2	1	3	2	2	2	2
Co 2	2	2	3	1	2	2	3	1	3	2	2	3	2
Co 3	2	1	1	1	2	1	3	1	3	2	1	2	3
Co 4	3	2	2	1	2	1	2	1	3	2	1	2	1
	2.25	1.75	2	1	2	1.25	2.5	1	3	2	1.5	2.25	2

CC-BHMCT-7A FRONT OFFICE -II (THEORY)		
Credits – 04 External Marks - 64 Internal Marks - 16 Total marks -80		
COURSE OBJECTIVES: <ul style="list-style-type: none"> - Co 1: Finding basic front office operations and role of lobby. - Co 2: Building an understanding of hotel reservation. - Co 3: Examining the various front office activities during guest stay in hotel. - Co 4: Evaluation the role of keys, keys control and front office functions during guest departure and post departure. 		
UNIT- I	Basic Front Office Operations: Front desk operations & functions, Equipment used at front office, knowledge of basic hotel facilities. Lobby: Description and layout, Role of lobby manager and Guest relationship executive, Common complaint/ problem/ situations handling, handling VIPs, Uniform services provided by a hotel.	CO 1
UNIT- II	Reservation: Concept, importance, modes, types, channels, Sources, reservation form, Procedure of taking reservation and reservation confirmation, Overbooking, amendments and cancellations. Group Reservation: Sources, types of groups, issues in handling groups.	CO 2
UNIT-III	The Guest Stay with Hotel: Registration: concept, procedure, Registration form and C Form, Method of payment, Issuing the room key, No Shows, Rooming of Guests, Message Handling, Dealing with Guests Requests and Complaints, Change of room, Fulfilling special	CO 3

	requests. Travel Desk and Concierge: functions; paging, foreign currency handling, Room selling techniques, Communicating with guests.	
UNIT- IV	<p>Keys and key control: Types of keys, handling guestroom keys and its control, Handling Guestroom safe box.</p> <p>The Guest Departure and Post Departure Services at Front Desk: The guest accounting, the guest ledgers, city ledger, front office cash sheet, paid out, over and shorts, settlement of bills, credit card handling, handling vouchers. Express check out, early and late check outs, group departures,</p> <p>Post departure; message and left luggage handling procedure, post departure courtesy services.</p>	CO 4

SUGGESTED READINGS

Reference books:

- Maheshwari S.N., Maheshwari S.K. (2018).Advanced Accountancy Volume-II. Vikas Publishing House; 11th Edition.
- Maniar, R. (2014). The 2014 Smart Decision Guide to Hotel Property Management Systems: Everything you need to know for selecting – and implementing – the right Hotel Property Management System for your business.
- Rogue plus Publishing (2018). Hotel Reservation Log Book: Booking Reservation System, Reservation Book Sheets, Hotel Reservation Confirmation Template, Reservation Sheet Template. CreateSpace Independent Publishing Platform; 6th volume.
- Singer, P. D. (2018). Concierge Services. Rocky Ridge Books.

Text Books:

- Andrews, S. (2017). Hotel Front Office: A Training Manual. McGraw Hill Education; Third edition.
- Bardi, A. J. (2012). Hotel Front Office Management. Wiley India Pvt Ltd; Fifth edition.
- Bhakta, A. (2011). Professional Hotel Front Office Management. McGraw Hill Education.
- Bhatnagar, S. K. (2011). Front Office Management. Frank Bros.
- Kasavana, L. M. (2000). Managing Front Office Operations. Educational Institute of the American Hotel & Motel Association; 5th edition edition
- Tewari, J. (2016). Hotel Front Office: Operations and Management. Oxford University Press; Second edition.
- Woods, H. R., Ninemeier, J. D., Hayes, D. K. and Austin, M. A (2013). Professional Front Office Management: Pearson New International Edition, Pearson Education Limited; illustrated.
- Yadav, M. K. (2014). Hotel Front Office- Management & Operations. Aman Publications; 2 edition.

CC-BHMCT-7B FRONT OFFICE -II (PRACTICAL)

Credits – 02

External Marks - 32

Internal Marks - 08

Total marks -40

- Identification and familiarization with front desk equipment and Performa's.
- Forms and Formats
 - Guest registration form
 - Reservation forms
 - Amended Reservation
 - Cancelled Reservation
 - Crew/Group
 - A&D Register
 - Bell desk registers
 - C-Form
- Skill to handle front desk operations i.e. guest reservations, guest arrival (FIT and groups) including baggage handling.
- Skills to handle to telephones at the reception- receive/ record messages.
- Skills to handle guest departure (fits and groups).
- Role play:
 - Reservation Procedure
 - Pre-registration and registration procedure
 - At the porch, Guest driving in Doorman opening the door and saluting guest; Calling bell boy.
 - At the Front Desk: Guest arriving; greeting & offering welcome drink and guest interactions.

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
Co 1	3	2	2	2	2	2	3	2
Co 2	3	2	1	1	1	2	3	2
Co 3	3	3	2	2	2	1	3	2
Co 4	3	3	2	2	1	1	3	2
	3	2.5	1.75	1.75	1.5	1.5	2.75	2

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	3	3	2	3	2
Co 2	3	3	2	3	2
Co 3	3	3	3	3	3
Co 4	3	3	2	3	2
	3	3	2.25	3	2.25

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
Co 1	3	2	2	2	2	2	3	2	3	3	2	3	2
Co 2	3	2	1	1	1	2	3	2	3	3	2	3	2
Co 3	3	3	2	2	2	1	3	2	3	3	3	3	3
Co 4	3	3	2	2	1	1	3	2	3	3	2	3	2
	3	2.5	1.75	1.75	1.5	1.5	2.75	2	3	3	2.25	3	2.25

CC-BHMCT-8A HOUSEKEEPING OPERATIONS -II (THEORY)		
Credits –04 External Marks -64 Internal Marks -16 Total marks -80		
COURSE OBJECTIVES: CO1 Gain the knowledge of different cleaning agents used in hotels. CO2 Acquire the skills about guest room cleaning procedure in hotel. CO3 Remember the concept of different surfaces cleaning. CO4 Attain knowledge about various keys and their control.		
UNIT- I	CLEANING AGENTS General Criteria for selection Classification of cleaning Agents , Polishes and Floor seals Use, care and Storage of cleaning agents Distribution and Controls of cleaning Agents Use of Eco-friendly products in Housekeeping	CO 1
UNIT- II	AREA CLEANING Cleaning of Guest Rooms Daily cleaning of (Occupied/ Departure, vacant , VIP rooms Evening / Turn Down Service Second Service Bed Making TYPES OF BEDS AND MATTRESSES Front of the House area Cleaning Back of House Areas Cleaning Work routine and associated problems e.g. high traffic areas, Façade cleaning etc	CO 2,
UNIT-III	COMPOSITION, CARE AND CLEANING OF DIFFERENT SURFACES: Metals Glass Leather Leatherettes Rexines Plastic Ceramics Wood Wall finishes Floor finishes	CO 3
UNIT- IV	CONTRACT HOUSEKEEPING & KEY CONTROL Types of keys Computerised key cards Key control Contract services in Housekeeping Department	CO4

	Types of contract services Advantages & disadvantages of contract services	
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REFERENCES:

Text book:

- Hotel House Keeping – Sudhir Andrews Publisher: Tata Mc Graw Hill.
- Hotel Housekeeping Operations & Management – Raghubalan, Oxford University Press.

CC-BHMCT-8B HOUSEKEEPING OPERATIONS -II (THEORY)	
	Credits –02
	External Marks -32
	Internal Marks -08
	Total marks -40
1 Cleaning Agent - Familiarization according to classification and Function 2 Daily Cleaning of guest room (Vacant, Occupied, Departure) 3 Bath Room Cleaning 4 Bed Making (Day and Night) 5 Public Area Cleaning (Cleaning Different Surface) WALL - care and maintenance of different types and parts Skirting, Dado Different types of paints(distemper Emulsion, oil paint etc) WOOD- polished, painted, Laminated SILVER/ EPNS- Plate powder method, Polivit method, Proprietary solution (Silvo) BRASS- Traditional/ domestic Method, Proprietary solution 1(brasso) GLASS - Glass cleanser, Economical method(newspaper) FLOOR - Cleaning and polishing of different types Wooden, Marble ,Terrazzo/ mosaic etc. 6 Minibar management • Issue • stock taking • checking expiry date	

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	2	1	2	1	2	1	3	2
Co 2	3	2	2	1	2	1	3	2
Co 3	2	2	2	1	2	1	3	2
Co 4	2	2	1	1	2	1	2	1
	2.25	1.75	1.75	1	2	1	2.75	1.75

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	3	2	2	2	1
Co 2	3	3	2	3	1
Co 3	3	2	2	3	1
Co 4	3	2	2	3	1
	3	3	1.5	2.75	1.75

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	2	1	2	1	2	1	3	2	3	2	2	2	1
Co 2	3	2	2	1	2	1	3	2	3	3	2	3	1
Co 3	2	2	2	1	2	1	3	2	3	2	2	3	1
Co 4	2	2	1	1	2	1	2	1	3	2	2	3	1
	2.25	1.75	1.75	1	2	1	2.75	1.75	3	3	1.5	2.75	1.75

DSE-BHMCT-2 GLOBAL TRENDS IN HOSPITALITY INDUSTRY		
Credits –04 External Marks -64 Internal Marks -16 Total Marks -80		
COURSE OBJECTIVES: Co 1 : Knowledge About The Basic Of Accounting , Various Concept And Convention Co 2 : familiarizing with Basic Accounting Procedures Co 3 : Ability to identify different Subsidiary Books & Special Purpose Books Co 4 : Knowledge of final account		
UNIT- I	<ul style="list-style-type: none"> • Latest Hygiene & sanitation practices adopted in hospitality industry • Artificial intelligence (AI) in hospitality industry • Latest trends in f& B services : plastic free , service robots & restaurants digitalitization • Latest trends in Hotels : Robot hotels ,capsule hotel ,space hotel ,eco hotels ,igloo hotels ,smart hotels , tree hotel 	CO 1
UNIT- II	<ul style="list-style-type: none"> • Tech savvy housekeeping practices • Tech explosion in hospitality (various uses of software) 	CO 2
UNIT-III	<ul style="list-style-type: none"> • Healthy and Organic Food & Drinks • Sustainability • Personalization • Robots • Virtual Reality • Augmented Reality • Authentic Local Experiences 	CO 3
UNIT- IV	HEALTH & WELLNESS: <ul style="list-style-type: none"> • World-class health spas • State-of-the-art fitness centers • Yoga retreats • Private saunas • In-room fitness equipment • Air purification systems 	CO4

	<p>Generations Y and Z</p> <p>These new generations have different requirements and needs compared to older generations. A respondent said “Older generations think about hotels and car rentals. Younger generations think about Airbnb and Uber.”</p>	
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References :

- Introduction to Hospitality-John R. Walker
- Professional Management of Housekeeping Operations (II Edn.) by Robert J. Martin & Thomas. J.A. Jones. Wiley Publications
- Food science and nutrition by Sunithra Roddy

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	1	2	1	1	1	1	1	1
Co 2	1	2	1	1	1	1	1	1
Co 3	3	2	2	1	2	2	3	1
Co 4	2	1	1	1	1	1	2	2
	1.75	1.75	1.25	1	1.25	1.25	1.75	1.25

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	3	2	1	1	2
Co 2	1	1	1	1	1
Co 3	3	3	3	3	3
Co 4	2	3	3	2	2
	2.25	2.25	2	1.75	2

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	1	2	1	1	1	1	1	1	3	2	1	1	2
Co 2	1	2	1	1	1	1	1	1	1	1	1	1	1
Co 3	3	2	2	1	2	2	3	1	3	3	3	3	3
Co 4	2	1	1	1	1	1	2	2	2	3	3	2	2
	1.75	1.75	1.25	1	1.25	1.25	1.75	1.25	2.25	2.25	2	1.75	2

AECC-BHMCT-2 ENVIRONMENTAL & ECOLOGICAL PRACTICES IN HOTELS		
Credits –02 External Marks -32 Internal Marks -08 Total Marks -40		
COURSE OBJECTIVES: <ul style="list-style-type: none"> - Co 1 Define the meaning, scope & importance of environmental studies in hotel industry. - Co 2 Explain & illustrate the importance of ecology & ecosystems. - Co 3 Solve the problem of environment pollution. - Co 4 Create the awareness about impact of human population on environment. 		
UNIT- I	Environmental studies – meaning – scope – importance	CO 1
UNIT- II	Ecology and Ecosystems, Biodiversity and its Conservation, and Natural resources – meaning of ecology – structure and function of an ecosystem – producers – consumers – decomposers – energy flow in the ecosystem – ecological succession- food chain – food webs and ecological pyramids . Ecosystem – concept– types of ecosystems – structure and functions of forest ecosystem, grass land ecosystem- desert ecosystem, aquatic ecosystem. Biodiversity and its conservation- introduction- definition- genetic, species and ecosystem diversity- value of biodiversity- biodiversity at global, national and local levels- India as a mega- diversity nation- hot- spots of diversity- threats to diversity- conservation of diversity in in- situ, excitu. Natural resources- features- air resources, forest resources, water resources, mineral resources, food resources- energy resources, land resources- over exploitation of natural resources- consequences- conservation of natural resources- role of an individual in conservation of natural resources.	CO 2, CO 3
UNIT-III	Hotel Industry and environment pollution Environmental pollution – soil pollution – air pollution – water pollution – thermal pollution – noise pollution –	CO 2, CO 3

	causes, effect and control measures – Waste management in Hotels – waste minimization through cleaner technologies – reuse and recycling - solid waste management.	
UNIT- IV	Human Population and environment – population growth – variation among nations – population explosion – environment and human health – human rights – value education – women and child welfare.	CO4

REFERENCE BOOKS

1. Misra. S.P and Pandey .S.N. Essential Environmental Studies, Ane Books India, New Delhi.
2. Kiran B. Chokkas and others. Understanding Environment, Sage Publications New Delhi.
3. Arumugam N. and Kumaresan V. Environmental Studies, Saras Publications, Kanyakumari.
4. Benny Joseph. Environmental Studies, Tata McGraw-Hill Publishing Co.Ltd., New Delhi.

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	1	1	1	1	1	1	1	3
CO2	1	2	1	2	1	1	1	3
CO3	1	2	2	2	2	1	1	1
CO4	1	1	1	1	2	1	1	3
	1	1.5	1.25	1.5	1.5	1	1	1.75

MAPPING OF COURSE OBJECTIVE, AND PROGRAM SPECIFIC OBJECTIVE

	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	2	2	2	2	2
Co 2	2	2	2	2	2
Co 3	2	2	2	2	2
Co 4	1	1	1	1	1
	1.75	1.75	1.75	1.75	1.75

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
Co 1	1	1	1	1	1	1	1	3	2	2	2	2	2
Co 2	1	2	1	2	1	1	1	3	2	2	2	2	2
Co 3	1	2	2	2	2	1	1	1	2	2	2	2	2
Co 4	1	1	1	1	2	1	1	3	1	1	1	1	1
	1	1.5	1.25	1.5	1.5	1	1	1.75	1.75	1.75	1.75	1.75	1.75

SEMESTER III

<p align="center">CC-BHMCT-9A INTRODUCTION TO INDIAN COOKING (THEORY)</p> <p align="right"> Credits –04 External Marks -64 Internal Marks -16 Total marks -80 </p>		
COURSE OBJECTIVES: Co 1 : knowledge of Indian cooking to the beginners. Co 2 familiarizing with Menu Planning & Purchasing ,Storing & issuing of food Co 3 : understand Indian gravies and uses of Dry and Wet masalas used in Indian cuisine. Co 4 : knowledge about Indian Food & Safety laws		
UNIT- I	Indian Cooking <ul style="list-style-type: none"> • Introduction to Indian Cuisine, • Heritage of Indian Cuisine, • Factors that affect eating habits in different parts of the country, • Cuisine and its highlights of different states/regions/communities To be discussed: Geographic location, • Historical background, • Seasonal availability, • Special equipment, • Staple diets, • Specialty cuisine for festivals and special occasions 	CO 1
UNIT- II	Menu Planning & Purchasing ,Storing & issuing of food : <ul style="list-style-type: none"> • Definition & Menu and its Types • Factor effecting menu planning and construction of menu • Purchasing & purchasing procedure • The purchasing of food • Receiving of food • Storing of food • Issuing of food 	CO 2
UNIT- III	Masalas, Pastes and Gravies in Indian cooking: <ul style="list-style-type: none"> • Masalas and Pastes: Introduction, • Types, Blending of Spices, • Concept of Dry and Wet Masalas, • Pastes used in Indian Cooking, • Purchasing, Storing Considerations. • Basic Indian Gravies: Introduction, • Gravies and Curries, • Regional Gravies, Gravy Preparations. 	CO 3
UNIT- IV	Indian Food & Safety laws: <ul style="list-style-type: none"> • The Prevention of Food Adulteration Act, 1954 • The Fruit Products Order, 1955 • The Meat Food Products Order, 1973 • The Vegetable Oil Products (Control) Order, 1947 	CO4

	<ul style="list-style-type: none">• The Edible Oils Packaging (Regulation) Order, 1998• The Solvent Extracted Oil, De oiled Meal, and Edible Flour (Control) Order, 1967• The Milk and Milk Products Order, 1992• Essential Commodities Act, 1955 (in relation to food).• Bureau of Indian Standards• A Hazard Analysis Critical Control Point (HACCP)	
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TEXT BOOKS:

- Food Production Operations: Parvinder S Bali, Oxford University Press
- Theory of Cookery By K Arora, Frank Brothers
- A Culinary Tour of India by Yogesh Singh, I.K. International Publishing House Pvt. Ltd.

CC-BHMCT-9B INTRODUCTION TO INDIAN COOKING (PRACTICAL)

Credits –02

External Marks -32

Internal Marks -08

Total marks -40

COURSE OBJECTIVES:

To impart practical knowledge of preparation of Indian cooking to the beginners, familiarizing with Condiments, Herbs and Spices used in India Cuisine. To be able to cook Indian gravies and uses of Dry and Wet masalas used in Indian cuisine.

1. Understanding Indian Cooking and Preparation of simple popular foods of India (At least one simple three course menu from each region of India , North, East, South, Seat and Central India its salient features and cooking).
2. Condiments, Herbs & Spices in Indian Kitchen – Do's & Don't's
3. Understanding Preparations of Masalas, Pastes and Gravies in Indian Kitchen Preparation of:
 - (i) Makhni Gravy
 - (ii) Green Gravy
 - (iii) White Gravy
 - (iv) Lababdar Gravy
 - (v) Kadhai Gravy
 - (vi) Achari Gravy
 - (vii) Malai Kofta Gravy
 - (viii) Yakhni Gravy
 - (ix) Yellow Gravy
 - (x) Korma Gravy
4. Familiarization with, commodities and their usage in Indian Kitchens with the help of simple dishes preparations indicating their usage.
5. preparation of various cakes & cake bases

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	1	1	2	1	1	2	3	1
Co 2	1	1	2	1	1	2	3	1
Co 3	1	2	2	1	1	2	3	1
Co 4	1	1	2	1	1	1	3	2
	1.	1.25	2	1	1	1.75	3	1.25

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	3	3	1	2	2
Co 2	3	2	1	2	1
Co 3	3	3	2	3	3
Co 4	3	3	3	2	2
	3	2.75	1.75	2.25	2

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PO-PSO

	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	1	1	2	1	1	2	3	1	3	3	1	2	2
Co 2	1	1	2	1	1	2	3	1	3	2	1	2	1
Co 3	1	2	2	1	1	2	3	1	3	3	2	3	3
Co 4	1	1	2	1	1	1	3	2	3	3	3	2	2
	1.	1.25	2	1	1	1.75	3	1.25	3	2.75	1.75	2.25	2

CC-BHMCT-10A FOOD & BEVERAGE SERVICE OPERATIONS -III (THEORY)		
Credits –04 External Marks -64 Internal Marks -16 TotalMarks-80		
COURSE OBJECTIVES: Co 1 Creating awareness about how to handle different situation in Restaurant. Co2 Developing an Understanding about buffet management & catering establishment. Co 3 Analyze the various f & b control methods. Co 4 Remember about various budget and their control.		
UNIT- I	Planning of restaurant & food service facilities & Situation handling in food & beverage outlets: Introduction, Planning & Operating various food & beverage Outlets , ancillary areas, Factors-Concept, Menu, Space & Lighting , Colours and Restaurant Design team. Restaurant Problems and Guest Situation Handling (related to food, ambience, hygiene etc.)	CO 1
UNIT- II	Buffet management: Introduction, Types, Equipment's Used, Factors, Space requirements & Checklist, Buffet Presentation, menu planning, staff requirement . Function Catering: Introduction, Types of Function, Function Booking Procedure, Seating Arrangements. Other Catering Operations: Hospital Catering, Industrial & Institutional Catering, Airline & Railway catering, Home Delivery, Take away.	CO 2
UNIT-III	F & B Control: Overview: Introduction, Objectives of F & B Control, Problems in F & B Control, Personnel Management in F & B Control. F&B control cycle & monitoring.	CO 3
UNIT- IV	Budgetary Control:- Introduction, Objectives, Kinds of Budget, Budgetary Control Process, Stages in the preparation of Budgets. Budgeting for F & B Operations.	CO4

	Menu Management- Menu Costing and Pricing, Menu Merchandising, Menu Engineering, Menu Fatigue.	
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REFERENCES:

Text book :

Food & Beverage Service – Dennis R.Lillicrap. & John A. Cousines. Publisher: ELBS
Food & beverage Service Training Manual – Sudhir Andrews, Tata Mc Graw Hill.
Food & Beverage Service – R. Singaravelavan.
Food & Beverage Service & Management -- Bobby George & Sandeep Chatterjee
Food & Beverage Service- Anita Sharma & S N Bagchi.
Financial & Cost control techniques in hotel & Catering Industry – Dr J.M.S.Negi
Hotel & Catering Costing & Budgets, RD. Boardman,Heinemann

**CC-BHMCT-10B FOOD & BEVERAGE SERVICE OPERATIONS -III
(PRACTICAL)**

Credits –02
External Marks -32
Internal Marks -08
TotalMarks-40

Restaurant Set –ups of different types & services.
Service of High tea.
Buffet Lay –up, theme Buffets set up
Theme Parties
Role Plays & Situation handling in Restaurant

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	3	3	2	1	2	1	2	2
Co 2	3	3	2	1	2	2	3	2
Co 3	2	2	1	1	2	1	3	1
Co 4	2	2	1	1	1	2	2	1
	2.5	2.5	1.5	1	1.75	1.5	2.5	1.5

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	3	3	2	2	2
Co 2	3	3	1	3	1
Co 3	3	2	1	2	1
Co 4	3	1	1	2	1
	3	2.25	1.25	2.25	1.25

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	3	3	2	1	2	1	2	2	3	3	2	2	2
Co 2	3	3	2	1	2	2	3	2	3	3	1	3	1
Co 3	2	2	1	1	2	1	3	1	3	2	1	2	1
Co 4	2	2	1	1	1	2	2	1	3	1	1	2	1
	2.5	2.5	1.5	1	1.75	1.5	2.5	1.5	3	2.25	1.25	2.25	1.25

<p align="center">CC-BHMCT-11A FRONT OFFICE OPERATIONS -III (THEORY)</p> <p align="right">Credits –04 External Marks -64 Internal Marks -16 TotalMarks-80</p>		
<p>COURSE OBJECTIVES:</p> <ul style="list-style-type: none"> - Co 1: Managing cash and credit control. - Co 2: Assessing the role of front office cashier and night auditor. - Co 3: Validating security functions and dealing with emergencies. - Co 4: Defining budget. 		
UNIT- I	<p>Cash and Credit Control</p> <p>Cash Control: Introduction, frauds & internal control, cash receipt control, physical control measures.</p> <p>Credit Control: Meaning, objective and methods, Hotel credit policy, Control measures; during occupancy, checkout, after departure, Prevention of Skippers: on arrival/during stay/on departure day.</p>	CO 1
UNIT- II	<p>Front Office Cashier</p> <p>Role of the Front desk cashier, Importance of front office cash, Duties and responsibilities of front desk cashier.</p> <p>Night Auditing: Introduction, Objective, functions and job description of Night Auditor, Night Audit process, Preparing night audit reports.</p>	CO 2
UNIT-III	<p>Security functions</p> <p>Front Office Security Functions; Guest security, hotel property security, Security measures taken by hotel.</p> <p>Dealing with emergencies: Bomb threat, Sickness and death, fire, Guest and employee thefts, planning for emergency situations.</p>	CO 3
UNIT- IV	<p>Budgeting: Introduction, types, advantage and</p>	CO 4

	disadvantages of budgeting, budgetary controls, The budgeting process, Planning capital budget, Planning operation budget, Operating budget – controlling expenses – income statement, Purchasing systems – methods of buying, Stock records – issuing and control.	
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SUGGESTED READINGS

Reference books:

- Deshmukh, S. (2011). Hotel Maintenance: Security, Safety & First Aid. Naman Publisher & Distributors.
- Kotas, R. (2014). Management Accounting for Hotels and Restaurants. Routledge, 2nd edition.
- Le, T., Bhushan, V., Sochat, M., Vaidyanathan, V. (2020). First Aid for the USMLE Step 1 2020. McgrawHill publication; 30th anniversary edition.
- Maheshwari S.N., Maheshwari S.K. (2018). Advanced Accountancy Volume-II. Vikas Publishing House; 11th Edition.
- McCrie, R. (2006). Security Operations Management. Butterworth-Heinemann.
- Singh, R. K. (2007). Safety and Security in Hotels and Restaurants. Aman Publications.

Text Books:

- Andrews, S. (2017). Hotel Front Office: A Training Manual. McGraw Hill Education; Third edition.
- Bardi, A. J. (2012). Hotel Front Office Management. Wiley India Pvt Ltd; Fifth edition.
- Bhakta, A. (2011). Professional Hotel Front Office Management. McGraw Hill Education.
- Bhatnagar, S. K. (2011). Front Office Management. Frank Bros.
- Kasavana, L. M. (2000). Managing Front Office Operations. Educational Institute of the American Hotel & Motel Association; 5th edition edition
- Tewari, J. (2016). Hotel Front Office: Operations and Management. Oxford University Press; Second edition.

- Woods, H. R., Ninemeier, J. D., Hayes, D. K. and Austin, M. A (2013). Professional Front Office Management: Pearson New International Edition, Pearson Education Limited; illustrated.
- Yadav, M. K. (2014). Hotel Front Office- Management & Operations. Aman Publications; 2 edition.

**CC-BHMCT-11B FRONT OFFICE OPERATIONS -III
(PRACTICAL)**

Credits –02
External Marks -32
Internal Marks -08
TotalMarks-40

- Hands on practical of computer application on software, students should be able to:
 - Register- in a reservation
 - Register an arrival
 - Amend a reservation
 - Cancel a reservation
 - Post a charge
 - Make a group reservation
 - Make a folio
 - Make a room change
 - Show a departure/ checkout
 - Print a folio
 - Print reports such as expected arrivals and departure for the day.
- Develop an understanding about requirements of different guests, with children, business travellers, single woman traveller, differently abled travellers and acquaint the learners with procedures like expression about sharing of hotel services and facilities to guests, employees as brand ambassadors of hotels, managing guest interactions effectively.
- Familiarization with first aid kit and its contents.
- Role play: In reference to the theory syllabus:
 - Problem handling on different problems/situations.
 - GRE
 - Lobby Manager
 - Bell Captain
 - Bell Boys- luggage handling

Concierge and Car Valet

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
Co 1	2	3	1	2	2	2	2	1
Co 2	2	1	1	1	1	2	2	1
Co 3	2	3	2	3	2	2	2	3
Co 4	2	3	2	3	1	1	2	2
	2	2.5	1.5	2.25	1.5	1.75	2	1.75

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	2	2	2	3	3
Co 2	3	2	2	3	1
Co 3	1	1	2	3	3
Co 4	2	2	2	3	3
	2	1.75	2	3	2.5

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
Co 1	2	3	1	2	2	2	2	1	2	2	2	3	3
Co 2	2	1	1	1	1	2	2	1	3	2	2	3	1
Co 3	2	3	2	3	2	2	2	3	1	1	2	3	3
Co 4	2	3	2	3	1	1	2	2	2	2	2	3	3
	2	2.5	1.5	2.25	1.5	1.75	2	1.75	2	1.75	2	3	2.5

CC-BHMCT-12A HOUSEKEEPING OPERATIONS -III (THEORY)			Credits –04 External Marks -64 Internal Marks -16 TotalMarks-80
COURSE OBJECTIVES: CO1 Gain the knowledge of different types of Linen in hotels. CO2 Remember the advantages of providing staff uniforms. CO3 Acquire the knowledge of laundry section. CO4 Understand the concept of safety and security procedure.			
UNIT- I	LINEN ROOM: Activities of the Linen Room, Layout and equipment in the Linen Room, Selection criteria for various Linen Items & fabrics suitable for this purpose, Purchase of Linen, Calculation of Linen requirements, Linen control-procedures and records, Stocktaking-procedures and records Recycling of discarded linen, Linen Hire	CO 1	
UNIT- II	UNIFORMS: Advantages of providing uniforms to staff Issuing and exchange of uniforms, type of uniforms Selection and designing of uniforms, Layout of the Uniform room, SEWING ROOM - Activities and areas to be provided, Equipment provided	CO 2,	
UNIT-III	LAUNDRY: Commercial and On-site Laundry, Flow process of Industrial Laundering-OPL, Stages in the Wash Cycle, Laundry Equipment and Machines, Layout of the Laundry, Laundry Agents, Dry Cleaning, Guest Laundry/Valet service, Different types of stains and Stain removal.	CO 3	
UNIT- IV	SAFETY AND SECURITY: Introduction, work environment safety and safety analysis, potential hazards in housekeeping operations, safety awareness and accident prevention, role of housekeeping in safety, Crime prevention and dealing with emergency situations. First Aid, first aid procedure, first aid box, first aid for common situations.	CO4	

REFERENCES:

- Le, T., Bhushan, V., Sochat, M., Vaidyanathan, V. (2020). First Aid for the USMLE Step 1 2020. McgrawHill publication; 30th anniversary edition.
- Talawadekar, S. (2016). 5-S in 5 Days: For Lean-Clean Workplace. Kaizen Management Systems publication, Fourth edition.
- Tiwari, S. B. (2014). Current trends in hospitality and tourism. Generic books.
- Stiel, H., Ivce, L. (2011). The Art & Science of the Hotel Concierge. Amer Hotel & Motel Assn; First edition

Text Books:

- Andrews, S. (2017). Hotel Housekeeping: A Training Manual. McGraw Hill Education; Third edition.
- Andrews, S. (2017). Hotel Front Office: A Training Manual. McGraw Hill Education; Third edition.
- Bardi, A. J. (2012). Hotel Front Office Management. Wiley India Pvt Ltd; Fifth edition.
- Bhatnagar, S. K. (2011). Front Office Management. Frank Bros.
- Ganguly, P. (2019). Housekeeping Management in Hotel and Service Industry. Dreamtech Press.
- Jagmohan, N. (2013). Housekeeping (Theory and Practices). S Chand & Company.
- Raghubalan, G., Raghubalan, S. (2015). Hotel Housekeeping: Operations and Management. Oxford University Press India; 3 edition.
- Singh, M. (2012). Hotel Housekeeping. McGraw Hill Education; 1 edition
- Tewari, J. (2016). Hotel Front Office: Operations and Management. Oxford University Press; Second edition.
- Yadav, M. K. (2014). Hotel Front Office- Management & Operations. Aman Publications; 2 edition.

CC-BHMCT-12B HOUSEKEEPING OPERATIONS -III (PRACTICAL)	
	Credits –02 External Marks -32 Internal Marks -08 TotalMarks-40
1 Guest room inspection 2 First aid, first aid kit, maintaining records 3 Dealing with emergency situation 4 Fire safety -firefighting, safety measures, fire drill (demo). 5 Guest handling, Guest request, Guest complaints 6 Handling room linen, guest supplies maintaining register and record replenishing floor pantry, stock taking, maintaining records 7 Stain Removal 8 Selection and Designing of Uniforms 9 Laundry Machinery and Equipment 10 Standard operating procedure- skill oriented task (e.g. cleaning and polishing glass, brass etc)	

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Course Objectives (CO):

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	2	2	2	1	2	1	2	1
Co 2	1	1	1	1	1	1	2	1
Co 3	2	2	2	1	2	1	3	2
Co 4	3	2	2	1	1	1	3	3
	2	1.75	1.75	1	1.5	1	2.5	1.75

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	3	2	2	2	1
Co 2	1	2	2	3	1
Co 3	3	2	1	3	1
Co 4	3	3	2	3	3
	2.5	2.25	1.75	2.75	1.5

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	2	2	2	1	2	1	2	1	3	2	2	2	1
Co 2	1	1	1	1	1	1	2	1	1	2	2	3	1
Co 3	2	2	2	1	2	1	3	2	3	2	1	3	1
Co 4	3	2	2	1	1	1	3	3	3	3	2	3	3
	2	1.75	1.75	1	1.5	1	2.5	1.75	2.5	2.25	1.75	2.75	1.5

DSE-BHMCT-3 HYGIENE & SANITATION IN HOSPITALITY INDUSTRY		
Credits –04 External Marks -64 Internal Marks -16 TotalMarks-80		
Course Objectives (CO): Co 1: Creating awareness about Hygiene in catering Industry post Covid-19. Co 2: Familiarizing the students regarding contaminated food, causes of contamination Co 3 : Ability To Understand high risk food and Food hygiene regulations. Co 4: Remember the basic concept Cleaning utensils and waste management		
Unit- I	Importance of Hygiene: The place of hygiene in the catering industry; Personal hygiene for staff members in the food production areas and those coming in contact with the guest. Hygiene and Waste Management for Covid-19 WHO Guidelines.	Co 1
Unit- 2	Food Poisoning Food Poisoning, meaning in context of water and food Water and food borne diseases- roots of contamination Moulds, Yeasts, Bacteria, HACCP-Brief Introduction	Co 2
Unit-3	Hygienic food handling: High Risk Foods; Preventing Contamination; Temperatures Control; Storage of food; Food hygiene regulations (FSSAI, Agmark, BIS)	Co 3
Unit- 4	Cleaning Methods Design of premises and equipment in the kitchen Cleaning Agents, Water Detergents, Abrasives, Disinfectants Cleaning Schedules, Pest control, Indoors environment, air, water, waste disposal	Co4

Text Books:

- Food Science And Nutrition – Sunetra Roday
- Essentials Of Food And Nutritions – Swaminathan, M . S
- Nutrition And Dietics – Joshi, S.A

Reference Books:

- The Food We Eat – Warren, C. C
- Nutrition And Diet Therapy – Williams, S.R
- Introductory Nutrition – Guthrie, A. H
- Food Hygiene for Food Handlers – Trickett Jill.

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	1	2	2	1	2	1	2	2
Co 2	1	2	1	1	1	1	1	2
Co 3	1	2	1	1	1	1	1	2
Co 4	1	2	2	1	1	2	1	2
	1	2	1.5	1	1.25	1.25	1.25	2

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	1	1	2	2	2
Co 2	1	1	2	1	1
Co 3	1	1	1	1	1
Co 4	1	1	1	1	2
	1	1	1.5	1.25	1.50

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	1	2	2	1	2	1	2	2	1	1	2	2	2
Co 2	1	2	1	1	1	1	1	2	1	1	2	1	1
Co 3	1	2	1	1	1	1	1	2	1	1	1	1	1
Co 4	1	2	2	1	1	2	1	2	1	1	1	1	2
	1	2	1.5	1	1.25	1.25	1.25	2	1	1	1.5	1.25	1.50

SEC-BHMCT-1 ACCOUNTING SKILLS FOR HOSPITALITY –I		
Credits –02 External Marks -32 Internal Marks -08 TotalMarks-40		
COURSE OBJECTIVES: Co 1 : Knowledge About The Basic Of Accounting , Various Concept And Convention Co 2 : familiarizing with Basic Accounting Procedures Co 3 : Ability to identify different ,Subsidiary Books & Special Purpose Books Co 4 : Knowledge of final account		
UNIT- I	Introduction To Accounting & Conceptual Frame Work Of Accounting <ul style="list-style-type: none"> • Meaning & Definition • Various Objective & functions of accounting • Users of Accounting Information • Accounting Cycles • Basic accounting terms • Accounting conventions and concepts. 	CO 1
UNIT- II	BASIC ACCOUNTING PROCEDURES <ul style="list-style-type: none"> • Double entry system of accounting • Types of account & golden rule of accounting • Journals its format and Steps in Journalizing • Preparation of ledger accounts and trail balance. 	CO 2
UNIT-III	Subsidiary Books & Special Purpose Books <ul style="list-style-type: none"> • Meaning & types of Subsidiary Books • Advantage& format of various Subsidiary books • Cash Book – Its types & advantages of Cash book, • Imprest system with special reference to Cash Received Book used in Hotels. 	CO 3
UNIT- IV	FINAL ACCOUNTS: reparation Of Trading Account, Preparation Profit And Loss Account Preparation Balance Sheet Practical Problems On Trading Account, Profit And Loss Account And Balance Sheet With Simple Adjustments	CO4

References :-

- Accounting for Management, S K Bhattacharya, Vikas Publishing House
- Hospitality Financial Accounting By Jerry J Weygandt, Publisher Wiley & sons
- Comprehensive Accountancy, SA Siddiqui
- A complete Course in Accounting Volume – I, N.D. Kappor
- Double – Entry Book- Keeping, Rc. Chawla & C. Juneja
- Introduction to Accountancy, T.S. Grewal

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	1	2	1	1	1	1	1	1
Co 2	1	2	1	1	1	1	1	1
Co 3	3	2	2	1	2	2	3	1
Co 4	2	1	1	1	1	1	2	2
	1.75	1.75	1.25	1	1.25	1.25	1.75	1.25

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	3	2	1	1	2
Co 2	1	1	1	1	1
Co 3	3	3	3	3	3
Co 4	2	3	3	2	2
	2.25	2.25	2	1.75	2

**MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC
OBJECTIVE**

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	1	2	1	1	1	1	1	1	3	2	1	1	2
Co 2	1	2	1	1	1	1	1	1	1	1	1	1	1
Co 3	3	2	2	1	2	2	3	1	3	3	3	3	3
Co 4	2	1	1	1	1	1	2	2	2	3	3	2	2
	1.75	1.75	1.25	1	1.25	1.25	1.75	1.25	2.25	2.25	2	1.75	2

SEMESTER IV

SEC-BHMCT-2 FRENCH FOR HOTELS – I

Credits –02

External Marks -32

Internal Marks -08

TotalMarks-40

.

COURSE OBJECTIVES: <ul style="list-style-type: none"> - Co 1 Identify & use French Alphabet, numbers, time & auxiliary verbs. - Co 2 Read & Recite basic French introduction, fruits, vegetables & 1st group French verbs. - Co 3 Describe places, Use adjectives & 2nd group verbs. - Co 4 Constructs negative sentences & use irregular verbs. 		
UNIT- I	Pronunciation - The Alphabet - The Accents; 'Formules de politesse'; The numbers: Cardinal – Ordinal; Time (only 24 hr clock); Weights & Measures; The subjective pronouns; Auxiliary verbs : etre and avoir Book lessons – 1 to 4	CO 1
UNIT- II	Self introduction; presenting and introducing other person; Name of vegetables and fruits; Conjugation of first group of verbs; Days of the week; Months of the year; Date; The definite and indefinite articles Book lessons – 4 to 7	CO 2, CO 3
UNIT-III	Name of the Countries and their Nationalities; Conjugation of second group of verbs; Adjectives of place; Preposition of place; Describing a place (your city/ tourist place) Book lessons – 8 to 11	CO 2, CO 3
UNIT- IV	Vocabulary describing family; Describe your family; Name of dairy products and Cereals; Negation; Conjugation of irregular verbs : venir, aller; Demonstrative Adjectives, Simple translation (Oral) Role-playing of different situations Understanding questions Conversation Picture composition Book lessons – 12 to 14	CO4

Suggested Readings:

1. G Mauger Blue - Cours de Langue et de Civilization Francaise 1 with Cd (Lecon 1-14) (French) (Prescribed book)

2. Larousse compact Dictionary: French-English/ English-French
3. Conjugaison - Le Robert & Nathan
4. Larousse French Grammar
5. Grammaire Collection "Le Nouvel Entraînez vous" level debutant
6. Parlez à l'hôtel by A. Talukdar
7. A Votre Service 1
8. French for Hotel and Tourism Industry by S.Bhattacharya
9. Basic French Course for The Hotel Industry by Catherine Lobo & Sonali Jadhav

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	2	2	1	3	1	3	1
CO2	3	2	2	1	2	1	3	1
CO3	3	2	2	1	2	1	3	1
CO4	3	2	2	1	2	1	3	1
	3	2	2	1	2	1	3	1

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	2	2	2	2	1
Co 2	2	2	2	2	1
Co 3	2	2	2	2	1
Co 4	2	2	2	2	1
	2	2	2	2	1

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
Co 1	3	2	2	1	3	1	3	1	2	2	2	2	1
Co 2	3	2	2	1	2	1	3	1	2	2	2	2	1
Co 3	3	2	2	1	2	1	3	1	2	2	2	2	1
Co 4	3	2	2	1	2	1	3	1	2	2	2	2	1
	3	2	2	1	2	1	3	1	2	2	2	2	1

DSE-BHMCT-4 A1 REGIONAL CUISINES OF INDIA –I (THEORY)		
Credits –04 External Marks -64 Internal Marks -16 TotalMarks-80		
Course Objectives: Co 1 : Knowledge About The Cuisines of Kashmir, Himachal & Uttarakhand Co 2 : Familiarizing With Punjab ,Haryana, Delhi Cuisine Co 3 : Ability To Identify Different Food of Rajasthan & Gujarat Co 4 : Knowledge of Maharashtra & Goa Cuisine		
UNIT- I	Cuisines of Kashmir, Himachal & Uttarakhand: <ul style="list-style-type: none"> • Introduction • Geographical Perspectives, • Brief Historical Background, • Characteristics & Salient Features of Cuisine • Key Ingredients, Popular Foods • Seasonal Foods & Special Equipments • Staple Diets, Specialties during Festivals and Other Occasions, Community Foods 	CO 1
UNIT- II	Cuisines of Punjab, Haryana & Delhi: <ul style="list-style-type: none"> • Introduction, • Geographical Perspectives, • Brief Historical Background, • Characteristics & Salient Features of Cuisine , • Key Ingredients, Popular Foods, • Seasonal Foods & Special Equipments, • Staple Diets, Specialties during Festivals and Other Occasions, Community Foods 	CO 2
UNIT-III	Cuisines of Rajasthan & Gujarat: <ul style="list-style-type: none"> • Introduction, • Geographical Perspectives, • Brief Historical Background, • Characteristics & Salient Features of Cuisine , • Key Ingredients, Popular Foods, • Seasonal Foods & Special Equipments • Staple Diets, Specialties during Festivals and Other Occasions, Community Foods 	CO 3
UNIT- IV	Cuisines of Maharashtra & Goa: <ul style="list-style-type: none"> • Introduction, • Geographical Perspectives, • Brief Historical Background, • Characteristics & Salient Features of Cuisine , • Key Ingredients, Popular Foods, • Seasonal Foods & Special Equipments, • Staple Diets, Specialties during Festivals and Other Occasions, Community Foods 	CO4

References:-

- **Quantity Food Production Op. and Indian Cuisine – Parvinder S Bali, Oxford University Press**
- **A Taste of India By Madhur Jafferey - John Wiley & Sons**
- **Indian Gastronomy – Manjit Gill, DK Publishers**
- **Punjabi Cuisine – Manjit Gill**
- **My Great India Cook Book – Vikas Khanna**

DSE-BHMCT-4 A2 REGIONAL CUISINES OF INDIA –I (PRACTICAL)

Credits –02

External Marks -32

Internal Marks -08

TotalMarks-04
<ul style="list-style-type: none"> • Popular Breakfast dishes the states • Two or more lunch Menus about 3-5 dishes per state. • Famous desserts of the states • Famous regional dishes of states • Preparation of various breads & bun • Note: For focused inputs Regional Theme Lunches/ Festivals may be organized as a part of activity based learning.

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	1	1	2	1	1	2	3	1
Co 2	1	1	2	1	1	2	3	1
Co 3	1	2	2	1	1	2	3	1
Co 4	1	1	2	1	1	1	3	2
	1.	1.25	2	1	1	1.75	3	1.25

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5

Co 1	3	3	1	2	2
Co 2	3	2	1	2	1
Co 3	3	3	2	3	3
Co 4	3	3	3	2	2
	3	2.75	1.75	2.25	2

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	1	1	2	1	1	2	3	1	3	3	1	2	2
Co 2	1	1	2	1	1	2	3	1	3	2	1	2	1
Co 3	1	2	2	1	1	2	3	1	3	3	2	3	3
Co 4	1	1	2	1	1	1	3	2	3	3	3	2	2
	1.	1.25	2	1	1	1.75	3	1.25	3	2.75	1.75	2.25	2

DSE-BHMCT-4 B1 FOOD & BEVERAGE SERVICE MANAGEMENT - I (THEORY) Credits –04 External Marks -64 Internal Marks -16 TotalMarks-80		
COURSE OBJECTIVES: <ul style="list-style-type: none"> - Co 1 Gain Knowledge of Bar, bar menu, & bar licenses. - Co 2 Understanding about wines, wines service and their storage. - Co 3 Creating awareness about beers, their production & other fermented alcoholic beverages. - Co 4 Remember the concept various Distilled Alcoholic Beverages & cocktails. 		
UNIT- I	Basics of Bar: Introduction to bar, bar types, Layout of bar area & bar counter, bar stocks maintenance, Equipment's Used in bar , bar Licenses, Staffing, job description, job specification, understanding Bar Menus.	CO 1
UNIT- II	Alcoholic Beverages: Wines – Introduction, Classification, Brief Description & manufacturing process, Major Indian and International Brands. glasses and equipment, Storage and service of wine	CO 2,
UNIT-III	Beers: Introduction, Ingredients Used, Production, Types And brands, Indian and International. Services, bottled, canned And drought beers. Other Fermented & Brewed Beverages: Sake, Cider, Perry. Tobacco: Types, Production, Brands & Service – Indian and International	CO 3
UNIT- IV	Distilled Alcoholic Beverages: Introduction to Spirits (Whisky, Brandy, Rum, Vodka, Gin & Tequila), Spirits- Types, Production, Brands Indian and International & Service, Introduction & history of Cocktails, Types & Preparation, Classic Cocktails recipes.	CO4

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REFERENCES:

Text book :

Food & Beverage Service – Dennis R.Lillicrap. & John A. Cousines. Publisher: ELBS
Food & beverage Service Training Manual – Sudhir Andrews, Tata Mc Graw Hill.
Food & Beverage Service – R. Singaravelavan.
Food & Beverage Service & Management -- Bobby George & Sandeep Chatterjee
Food & Beverage Service- Anita Sharma & S N Bagchi.
Financial & Cost control techniques in hotel & Catering Industry – Dr J.M.S.Negi

Reference book :

<p align="center">DSE-BHMCT-4 B2 FOOD & BEVERAGE SERVICE MANAGEMENT - I (PRACTICAL)</p>		<p align="right">Credits –02 External Marks -32 Internal Marks -08 TotalMarks-40</p>
<p>Service of Alcoholic Beverages: Wines, Spirits. Opening & closing of wines corks (Champagne, Red & White wines) Service of Spirits & Liqueurs Bar setup and operations Service of Cigars & cigarettes Service of Beer, Other Fermented & Brewed Beverages Service of Sparkling, Aromatized, Fortified, Still Wines. Set up a table with Prepared Menu with wines</p>		

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	2	3	2	1	2	2	3	1
Co 2	2	2	2	1	2	1	3	1
Co 3	3	2	1	1	2	1	3	1
Co 4	3	1	2	1	2	2	3	2
	2.5	2	1.75	1	2	1.5	3	1.25

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	3	3	1	2	2
Co 2	3	3	1	2	1
Co 3	3	3	1	2	2
Co 4	3	3	1	2	2
	3	3	1	2	1.75

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	2	3	2	1	2	2	3	1	3	3	1	2	2
Co 2	2	2	2	1	2	1	3	1	3	3	1	2	1
Co 3	3	2	1	1	2	1	3	1	3	3	1	2	2
Co 4	3	1	2	1	2	2	3	2	3	3	1	2	2
	2.5	2	1.75	1	2	1.5	3	1.25	3	3	1	2	1.75

DSE-BHMCT-4 C1 ACCOMMODATION MANAGEMENT- I (THEORY)

Credits –04

External Marks -64 Internal Marks -16 TotalMarks-80		
COURSE OBJECTIVES: Co 1: Creating awareness about accommodation sector and hotel chains. Co 2: Developing an understanding of guest accommodation and changing trends in housekeeping. Co3: Remember the basic concept of horticulture/flower arrangement/pest control and waste management. Co 4: Creating basic understanding of housekeeping personnel management.		
UNIT- I	Accommodation Sector: - Introduction, Concept, and its need, various types of accommodation. Organization Structure of Hotels; Origin, growth and development of Hotel Sector in India (ITC, The Taj Group, The Oberoi Group), Foreign Hotel Chains in India – Hilton, Marriott, Hyatt	CO 1
UNIT- II	The Guest Accommodation: Guestrooms name list patters, layout, salient features, amenities, supplies and service, bathroom layout and supplies, floor pantries layout and description. Changing trends in Housekeeping: Introduction, Hygiene and sanitation, eco-friendly practices, outsourcing, IT-savvy housekeeping	CO 2
UNIT-III	Horticulture and Flower Arrangement: Introduction and essential components of horticulture, flower arrangement in hotel, designing flower arrangement. Pest control and Waste Management: type of pest, pest control, threshold level, integrated pest management, waste management, collection, segregation and disposal of waste, recycling, biogas plants.	CO 3
UNIT- IV	Managing housekeeping personnel: Introduction, documents for personnel management, determining staff strength, recruitment, selection, hiring, scheduling, performance appraisal, employee welfare and discipline.	CO 4

SUGGESTED READINGS

Reference books:

- Deshmukh, S. (2011). Hotel Maintenance: Security, Safety & First Aid. Naman Publisher & Distributors.
- Gonda, M. C. (2015). Handbook of Attire & Grooming. Embassy Books; First edition.

- Kittredge, M. H. (2017). Housekeeping Notes; How to Furnish and Keep House in a Tenement Flat. A Series of Lessons Prepared for Use in the Association of Practical Housekeeping. Leopold Classic Library.
- McCrie, R. (2006). Security Operations Management. Butterworth-Heinemann.
- Schneider, M., Tucker, G., & Scovlak-Lerner, M. (1999). The professional housekeeper. New York: J. Wiley.
- Singh, R. K. (2007). Safety and Security in Hotels and Restaurants. Aman Publications.

Text Books:

- Andrews, S. (2017). Hotel Housekeeping: A Training Manual. McGraw Hill Education; Third edition.
- Andrews, S. (2017). Hotel Front Office: A Training Manual. McGraw Hill Education; Third edition.
- Bardi, A. J. (2012). Hotel Front Office Management. Wiley India Pvt Ltd; Fifth edition.
- Bhakta, A. (2011). Professional Hotel Front Office Management. McGraw Hill Education.
- Bhatnagar, S. K. (2011). Front Office Management. Frank Bros.
- Ganguly, P. (2019). Housekeeping Management in Hotel and Service Industry. Dreamtech Press.
- Jagmohan, N. (2013). Housekeeping (Theory and Practices). S Chand & Company.
- Raghubalan, G., Raghubalan, S. (2015). Hotel Housekeeping: Operations and Management. Oxford University Press India; 3 edition.
- Singh, M. (2012). Hotel Housekeeping. McGraw Hill Education; 1 edition
- Tewari, J. (2016). Hotel Front Office: Operations and Management. Oxford University Press; Second edition.
- Yadav, M. K. (2014). Hotel Front Office- Management & Operations. Aman Publications; 2 edition.

DSE-BHMCT-4 C1 ACCOMMODATION MANAGEMENT- I (PRACTICAL)

Credits –02

External Marks -32

Internal Marks -08

TotalMarks-40

- 1 Guest room inspection
- 2 Understanding different checklist and records.
- 3 Understanding Personal Hygiene Grooming Standards
4. Understanding layout and structure of housekeeping.
5. Cleaning of various public and back areas.
6. Familiarization with equipment and tools
7. DO'S and Don'ts for new entrants/employees in the front office
8. Hotel terminology.
9. Guest handling, Guest request, Guest complaints
10. Standard operating procedure- skill oriented task (e.g. cleaning and polishing glass, brass etc)

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	2	2	2	1	2	1	2	2
Co 2	3	2	1	1	1	1	3	2
Co 3	3	2	1	1	1	1	3	2
Co 4	3	2	2	1	1	2	3	2
	2.75	2	1.5	1	1.25	1.25	2.75	2

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	3	3	2	2	2
Co 2	3	3	2	3	1
Co 3	3	3	1	3	2
Co 4	3	3	1	3	2
	3	3	1.5	2.75	1.75

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	2	2	2	1	2	1	2	2	3	3	2	2	2
Co 2	3	2	1	1	1	1	3	2	3	3	2	3	1
Co 3	3	2	1	1	1	1	3	2	3	3	1	3	2
Co 4	3	2	2	1	1	2	3	2	3	3	1	3	2
	2.75	2	1.5	1	1.25	1.25	2.75	2	3	3	1.5	2.75	1.75

<p>DSE-BHMCT- 5A RESEARCHING IN HOSPITALITY & TOURISM MANAGEMENT</p> <p style="text-align: right;">Credits –04 External Marks -64 Internal Marks -16 TotalMarks-80</p>		
<p>COURSE OBJECTIVES:</p> <ul style="list-style-type: none"> - Co 1 Define the meaning, scope & importance of research methodology in hotel industry. - Co 2 Explain sampling design & able to classify data collection method. - Co 3 Prepare tabulation & compute data. - Co 4 Organize various steps report writing. 		
UNIT- I	Introduction to Research Methodology: Meaning, definition, characteristics and types of research, Methodology of research, formulation of research problem Research Design: Meaning, characteristics of research design, steps in research design. Concept of Hypothesis	CO 1
UNIT- II	Sampling Design and Data Collection: Meaning of sampling, aims in selection a sample, Types of sample design. Data collection –Meaning, types of data, methods of collecting primary data-observation, interview and questionnaire, Sources of secondary data.	CO 2, CO 3
UNIT-III	Processing and Analysis of data: Editing, Coding, Classification and tabulation, Graphical presentation of Data-Bar-chart, pie-chart and curves Interpretation of Data meaning, methods of data analysis	CO 2, CO 3
UNIT- IV	Report Writing: Meaning, types and steps involved in writing report, layout of the research report, mechanics of writing a research report, challenges of a good writing	CO4

Suggested Readings

1. Kumar Ranjit: Research Methodology: A Step by Step Guide for Beginners, Sage Publication, 2014.
2. Kothari C.R.: Research Methodology, New Age International, 2011.
3. Shajahan S.: Research Methods for Management, 2004.

4. Mustafa A.: Research Methodology, 2010.
5. Thanulingom N : Research Methodology, Himalaya Publishing
6. C. Rajendar Kumar : Research Methodology , APH Publishing
7. Gupta Hitesh and Gupta S. L.: Research Methodology, International Book House, 2011.
8. J. R. Brent Ritchie, Charles R. Goeldner : Travel, Tourism, and Hospitality Research: A Handbook for Managers and Researchers, Wiley Publishers
9. Peter Mason: Researching Tourism, Leisure and Hospitality for your Dissertation; Good Fellow Publishers Ltd, UK

Mapping

CO- PO

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	1	2	2	1	2	3	3	1
CO2	1	2	2	1	1	3	3	1
CO3	1	2	2	1	1	3	3	1
CO4	3	2	2	1	1	3	3	1
	1.5	2	2	1	1	3	3	1

CO- PSO

	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	1	2	2	2	1
Co 2	1	1	2	2	1
Co 3	1	2	2	2	1
Co 4	1	2	2	2	1
	1	2	2	2	1

CO –PO- PSO

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
Co 1	1	2	2	1	2	3	3	1	1	2	2	2	1
Co 2	1	2	2	1	1	3	3	1	1	1	2	2	1
Co 3	1	2	2	1	1	3	3	1	1	2	2	2	1
Co 4	3	2	2	1	1	3	3	1	1	2	2	2	1
	1.5	2	2	1	1	3	3	1	1	2	2	2	1

DSE- BHMCT-5B RETAIL MANAGEMENT (THEORY)		
Credits –04 External Marks -64 Internal Marks -16 TotalMarks-80		
COURSE OBJECTIVES: <ul style="list-style-type: none"> - Co 1 Define the scope & importance of retailing. - Co 2 Explain & illustrate various retail models. - Co 3 Point out merchandise planning. - Co 4 Create the awareness in retail management information system. 		
UNIT- I	The Business of Retail Retailing- Definition, Concept Importance, Functions of a retailer, Relationship between retail and Marketing, Retail as a career. Retail in India- Evolution, changes in the retail sector, The Wheel of Retailing, The Accordion, The Retail Life Cycle, Emerging Trends in Retailing, Retail Scenario in India, Retail Competition, Retail Formats.	CO 1
UNIT- II	Retail Models and Theories of Retail Development Theories of retail development, concept of life cycle in retails, Business models in retails, Airport Retailing, Services retailing. Information Gathering in Retailing, Retail Strategic Planning and Operation Management, Retail Financial Strategy, Target Market Selection and Retail Location, Store Design and Layout, Visual Merchandising and Displays.	CO 2, CO 3
UNIT-III	Merchandise Planning, Buying and Handling, Merchandise Pricing, Retail Communication Mix, Promotional Strategy, Retail Human Resources Management, Customer Service, The GAPs Model, Customer Relationship Management.	CO 2, CO 3
UNIT- IV	Retail Operating Skills Pre-Check, Opening the Sale, Probing, Demonstration, Trial, Close Handling Objections, Closing, Confirmations & Invitations. Retail Management Information Systems, Retail Audits, Online Retailing, Global Retailing, Legal and Ethical Issues in Retailing. A visit to retail mart by students.	CO4

SUGGESTED READINGS:

1. Levy IM. And Weitz B.A (2004), Retailing Management, 5th ed., Tata McGraw Hill.

2. Berman B. Evans J. R. (2004), Retail Management, 9th Edition, Pearson Education.
3. Bajaj C; Tuli R., Srivastava N.V. (2005), Retail Management, Oxford University Press, Delhi.
4. Dunne P.M, Lusch R.F. and David A. (2002), Retailing, 4th ed., South-Western, Thomson Learning Inc.
5. Pradhan, Swapna; Retailing Management; Tata McGraw Hill; New Delhi

Mapping

CO- PO

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	2	2	1	2	1	2	1
CO2	1	2	2	1	2	1	2	1
CO3	1	2	2	1	2	1	2	1
CO4	1	2	2	1	2	2	2	1
	1.25	2	2	1	2	1.25	2	1

CO- PSO

	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	2	2	2	2	2
Co 2	1	2	2	2	1
Co 3	1	2	2	2	2
Co 4	1	2	2	2	1
	1.25	2	2	2	1.5

CO –PO- PSO

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
Co 1	2	2	2	1	2	1	2	1	2	2	2	2	2
Co 2	1	2	2	1	2	1	2	1	1	2	2	2	1
Co 3	1	2	2	1	2	1	2	1	1	2	2	2	2
Co 4	1	2	2	1	2	2	2	1	1	2	2	2	1
	1.25	2	2	1	2	1.25	2	1	1.25	2	2	2	1.5

DSE-BHMCT-6A Hospitality Laws		
Credits –04 External Marks -64 Internal Marks -16 TotalMarks-80		
COURSE OBJECTIVES: Co 1 Understanding about the catering establishment act & legal requirement while doing hotel business. Co 2 knowledge about business contract & different licenses. Co 3 Remember about different laws like labor laws, hospitality laws s& public health laws. Co 4 Familiar with different liquor policy.		
UNIT- I	Introduction to Indian Hospitality & Related Laws in India: - Introduction, Legal Perspectives, Key Issues, The legalrequirements Prior and at the time of doing Hotel Business. Catering Establishment Act, 1958	CO 1
UNIT- II	Laws Related to Hotel Operations in India: Doing Hotel Business in India, Business Contracts, Hotel Licenses and Regulations, Hotel Insurance Role of professional bodies like FHRAI & Hotel Association of India (HAI) in regulating the affairs of the hotel industry	CO 2,
UNIT-III	Laws Related to Employees, Guests, Public Health Safety: Introduction and Overview of Labour Laws, Hospitality Laws, Public Health and EnvironmentalLaws	CO 3
UNIT- IV	Laws Related to Food & Beverage Services: Food Legislation and LiquorLicensing The Liquor Policy in Haryana & Delhi	CO4

REFERENCES:

Text book :

- Hotel Law by Amitabh Devendra , Oxford University Press
- Hotel & Tourism Laws by Jagmohan Negi

Reference book :

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	2	2	2	1	2	2	1	1
Co 2	3	2	1	1	1	1	3	1
Co 3	2	2	1	1	1	1	2	1
Co 4	3	2	2	1	1	2	3	1
	2.5	2	1.5	1	1.25	1.5	2.25	1

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	3	2	2	2	2
Co 2	2	3	2	3	1
Co 3	3	2	1	3	2
Co 4	2	3	1	2	2
	2.5	2.5	1.5	2.5	1.75

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	2	2	2	1	2	2	1	1	3	2	2	2	2
Co 2	3	2	1	1	1	1	3	1	2	3	2	3	1
Co 3	2	2	1	1	1	1	2	1	3	2	1	3	2
Co 4	3	2	2	1	1	2	3	1	2	3	1	2	2
	2.5	2	1.5	1	1.25	1.5	2.25	1	2.5	2.5	1.5	2.5	1.75

DSE-BHMCT-6B Nutrition And Principles Of Food Sciences –11		
<div> Credits –04 External Marks -64 Internal Marks -16 TotalMarks-80 </div>		
Course Objectives: Co 1 : Prepare Students To Fully Understand Food Nutrients And Nutrition Co 2 : Familiarizing The Students To Understand Importance Of Healthy Diet. Co 3 : Ability To Understand Food Composition Co 4 : Knowledge Of Various Techniques To Improve Nutritional Quality		
Unit- I	Food And Nutrition <ul style="list-style-type: none"> Food – Definition, Classification And Functions Nutrition – Introduction, Optimum And Malnutrition Nutrients – Classification And Functions Carbohydrate, Lipid, Protein, Vitamins And Minerals 	Co 1
Unit- 2	Balance And Therapeutic Diets <ul style="list-style-type: none"> Recommended Daily Allowances Balance Diet, Therapeutic Diet – Principles And Planning Of Low And High Calorie Diet Low Salt And Low Carbohydrates Diet Low And High Proteins Diet, Low Fat Diets 	Co 2
Unit-3	Food Composition And Nutritional Contribution: <ul style="list-style-type: none"> Cereals And Millets, Spices Pulses And Legumes, Nuts And Seeds Fruit And Vegetable, Milk And Milk Products Meat , Fish, Poultry And Egg Fats And Sugar 	Co 3

Unit- 4	Improving Nutritional Quality: <ul style="list-style-type: none"> • Effects On Nutritive Value And Principles To Conserve During Cooking • Methods Of Cooking, Their Advantages And Disadvantage • Improving Nutritional Quality Of Food By Germination, Fermentation • Supplementation, Fortification And Enrichment 	Co4
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Text Books:

- Food Science And Nutrition – Sunetra Roday
- Essentials Of Food And Nutritions – Swaminathan, M . S
- Nutrition And Dietics – Joshi, S.A

Reference Books:

- **The Food We Eat – Warren, C. C**
- **Nutrition And Diet Therapy – Williams, S.R**
- **Introductory Nutrition – Guthrie, A. H**

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	1	2	2	1	2	1	2	2
Co 2	1	2	1	1	1	1	1	2
Co 3	1	2	1	1	1	1	1	2
Co 4	1	2	2	1	1	2	1	2
	1	2	1.5	1	1.25	1.25	1.25	2

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	1	1	2	2	2
Co 2	1	1	2	1	1
Co 3	1	1	1	1	1
Co 4	1	1	1	1	2
	1	1	1.5	1.25	1.50

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	1	2	2	1	2	1	2	2	1	1	2	2	2
Co 2	1	2	1	1	1	1	1	2	1	1	2	1	1
Co 3	1	2	1	1	1	1	1	2	1	1	1	1	1
Co 4	1	2	2	1	1	2	1	2	1	1	1	1	2
	1	2	1.5	1	1.25	1.25	1.25	2	1	1	1.5	1.25	1.50

DSE-BHMCT-6C MOOC (OPEN CHOICE)

Credits –04
TotalMarks-80

As suggested by University

SEMESTER V

6 Months Hotel Industrial Training
(Duration of exposure : 20 – 22 weeks)

INDUSTRIAL EXPOSURE (SEMESTER – III)

Duration of Exposure: 20-22 weeks

Leave Formalities:

A weekly off and festivals and national holidays given by the hotel 10 days medical leave supported by a medical certificate. Leave taken must be made up by doing double shifts or working on weekly offs. Attendance in the training would be calculated on the basis of Certificate issued by Training Manager/ HR Manager/ Concerned Officer of the unit trained in. Industrial Exposure will require an input of 120 working days (20 weeks x 06 days =120 days). Students who are unable to complete a minimum of 90 days of industrial training would be disallowed from appearing in the term and examinations. Students who complete more than 90 days of industrial exposure but are unable to complete minimum 120 days due to medical reasons may make good during the vacations. Such students will be treated as 'absent' industrial training and results. The training in III semester necessarily needs to be in an approved hotel equivalent to three star or above/ Heritage or other such good property. Prior written approval needs to be taken from the programme coordinator/ Convenor/ H.O.D for Industrial exposure from parent Institute.

Training Schedule:

III Semester

Housekeeping & Front Office: 6 weeks; Food and Beverage Service: 6 weeks Food Production: 6 weeks; others (In the areas of Interest) Floating weeks may be availed Total weeks: 20-22 weeks. The Units imparting industrial exposure shall conduct formal induction sessions and emphasis on personality skills while acquainting the learners with skills of trade. It may please be noted that for this semester the number of credits assigned is 20. Being practical oriented the number of hours input per week comes as 40 hours per week.

Academic Credits for training shall be based on following

Log books and attendance, Appraisals, Report and presentation, as applicable All trainees must ensure that the log books and appraisals are signed by the departmental/ sectional heads as soon as training in a particular department or section is completed. Trainees are also advised to make a report in all four departments in III semester on completion of training in that respective department. A PowerPoint presentation (based on the report) should be made. This will be presented in front of a select panel from the institute and the industry. It should be made for duration of 10 minutes. Marks will be awarded on this. The presentation should express the student's experiences in the department and what has he learned/ observed. (*Refer to What to Observe Sheets for more details.*)

The Training Report will be submitted in the form specified as under:

- a) The typing should be done on both sides of the paper (instead of single side printing)
- b) The font size should be 12 with Times New Roman font.
- c) The Training Report may be typed in 1.5 line spacing.
- d) The paper should be A-4 size.
- e) Two copies meant for the purpose of evaluation may be bound in paper- and submitted to the approved authority.

Students have to submit the following on completion of industrial training to the faculty coordinator at the institute:

- 1. Logbook.;
- 2. Appraisal;
- 3. A copy of the training certificate.
- 4. IT Report in all four Departments.
- 5. Power Point presentation on a CD, based on the training report.
- 6. Attendance sheet.
- 7. Leave card.

For distribution of marks refer to details on Course structure/ Credit Distribution During the tenure of Industrial Exposure, apart from carrying out the assigned jobs, The learners are suggested to make the following observations in the departments of internship:

Food Production Operations Industry Exposure -I

Practical: 6 Credits, Total Hours = 180

WHAT TO OBSERVE

Food Production

1. Area & Layout of the Kitchen
2. Study of Standard Recipes
3. Indenting, Receiving & Storing
4. Preparing of batters, marinations and seasonings
5. All cuts of meat and butchery items (Mutton, poultry, beef, fish etc.)
6. Daily procedure of handover from shift to shift
7. Recipes and methods of preparation of all sauces
8. Quantities of preparation, weekly preparations and time scheduling
9. Stock preparation and cooking time involved
10. Cutting of all garnishes
11. Temperatures and proper usage of all equipment
12. Plate presentations for all room service and a la cart orders
13. Cleaning and proper upkeep of hot range
14. Cleanliness and proper upkeep of the kitchen area and all equipment
15. Yield of fresh juice from sweet lime / oranges
16. Storage of different mise-en-place – (Raw, Semi-Processed)
17. Bulk preparations
18. Finishing of buffet dishes
19. Recipes of at least 10 fast moving dishes
20. Mise-en-place for: A la Carte Kitchen & Banquet Kitchen
21. Rechauffe/ Leftover Cooking

Food and Beverage Service Operations Industry Exposure -I

Practical: 6 Credits, Total Hours = 180

Food & Beverage Service

BANQUETS

1. What is banqueting – the need to have banquet facilities, scope purpose, menus and price structures
2. Types of banquet layouts
3. Types of banquet equipment, furniture and fixtures
4. Types of menus and promotional material maintained
5. Types of functions and services
6. To study staffing i.e. number of service personnel required for various functions.
7. Safety practices built into departmental working
8. Cost control by reducing breakage, spoilage and pilferage
9. To study different promotional ideas carried out to maximize business
10. Types of chaffing dish used- their different makes sizes
11. Par stock maintained (glasses, cutlery, crockery etc)
12. Store room – stacking and functioning

RESTAURANTS

1. Taking orders, placing orders, service and clearing
2. Taking handover form the previous shift
3. Laying covers, preparation of mise-en-place and arrangement and setting up of station
4. Par stocks maintained at each side station
5. Functions performed while holding a station
6. Method and procedure of taking a guest order
7. Service of wines, champagnes and especially food items
8. Service equipment used and its maintenance
9. Coordination with housekeeping for soil linen exchange
10. Physical inventory monthly of crockery, cutlery, linen etc.
11. Equipment, furniture and fixtures used in the restaurant and their use and maintenance
12. Method of folding napkins

13. Note proprietary sauces, cutlery, crockery and the timely pickup

BAR

1. Bar setup, Mise-en-place preparation, Storage facilities inside the bar, Decorative arrangement to liquor bottles
2. Types of glasses used in bar service and types of drinks served in each glass
3. Liaison with f & b controls for daily inventory
4. Spoilage and breakage procedures
5. Handling of empty bottles
6. Requisitioning procedures
7. Recipes of different cocktails and mixed drinks
8. Provisions of different types of garnish with different drinks
9. Dry days and handling of customers during the same
10. Handling of complimentary drinks
11. Bar cleaning and closing
12. Guest relations and managing of drunk guests
13. Inter bar transfer and service accessories maintained, and preparation of the same before the bar opens
14. Types of garnishes and service accessories maintained, and preparation of the same before the bar opens
15. To know the different brands of imported and local alcoholic and non-alcoholic beverages
16. Bar salesmanship
17. KOT/BOT control
18. Coordination with kitchen for warm snacks
19. Using of draught beer machine
20. Innovative drink made by the bar tender

ROOM SERVICE/INROOM DINNING

1. Identifying Room Service Equipment

2. Importance of Menu Knowledge for Order-taking (RSOT functions/procedures)
3. Food Pickup Procedure
4. Room service Layout Knowledge
5. Laying of trays for various orders
6. Pantry Elevator Operations
7. Clearance Procedure in Dishwashing area
8. Room service Inventories and store requisitions
9. Floor Plan of the guest floors
10. Serving Food and Beverages in rooms
11. Operating dispense Bars

Accommodation and Front Office Operations Industry Exposure -I

Practical: 6 Credits, Total Hours = 180

WHAT TO OBSERVE

ACCOMMODATION OPERATIONS

ROOMS

1. Number of rooms cleaned in a shift
2. Time taken in making bed
3. Thoroughly observe the cleaning equipments and detergents / any other cleaning supplies used
4. Observe all guest supplies kept in guestroom bathroom. Understand the procedure for procurement and replenishment of guest supplies.
5. Study the systematic approach in cleaning a room and bathroom and the various checks made of all guest facilities e.g. telephone, channel music, A/C , T.V.etc
6. Study the Housekeeping cart and all items stocked in it. Note your ideas on its usefulness and efficiency
7. Observe how woodwork, brass work are kept spotlessly clean and polished
8. Observe procedure for handling soiled linen & Procurement of fresh linen
9. Observe the procedure for Freshen up and Turn down service
10. Observe room layout, color themes and furnishings used in various categories and types
11. Carpet brushing and vacuum cleaning procedure

12. Windowpanes and glass cleaning procedure and frequency
13. Observe maintenance of cleaning procedure and frequency
14. Understand policy and procedure for day-to-day cleaning
15. Observe methods of stain removal
16. Understand the room attendant's checklist and other formats used
17. Observe handling of guest laundry & other service (like shoe shine etc.)

THE CONTROL DESK

1. Maintenance of Log Book
2. Understand the functions in different shifts
3. Observe the coordination with other departments
4. Observe the area & span of control
5. Observe the handing of work during peak hours
6. Observe the formats used by department and study various records maintained

PUBLIC AREA

1. Observe the duty and staff allocation, scheduling of work and daily briefing
2. What to look for while inspecting and checking Public Area
3. Importance of Banquets function prospectus
4. Observes tasks carried out by the carpet crew, window cleaners and polishers
5. Note Maintenance Order procedure
6. Study the fire prevention and safety systems built into the department
7. Observe coordination with Lobby Manager, Security and other departments
8. Observe the pest control procedure and its frequency
9. Study the equipment and operating supplies used the procedure for its procurement
10. Observe Policy and procedures followed for various cleaning

WHAT TO OBSERVE

Front Office

1. Greeting, meeting & escorting the guest
2. Total capacity and tariffs of the rooms
3. Location and role of status board, different types of status's maintained
4. Special rates and discounts applicable to groups, business houses, airlines, VIP's etc.

5. Identification of kind, mode and type of reservation
6. Filing systems and follow-up on reservations
7. Types of plans and packages on offer
8. Forms and formats used in the department
9. Meaning of guaranteed, confirmed and waitlisted reservations
10. Reports taken out in the reservations department
11. Procedure of taking a reservation
12. Group reservations, discounts and correspondence
13. How to receive and room a guest
14. Room blockings
15. Size, situations and general colour schemes of rooms and suites
16. Discounts available to travel agents, tour operators, FHRAI members etc
17. Co-ordination of reception with lobby, front office cash, information, room service, housekeeping and telephones
18. Guest registration, types of guest folios, arrival slips, c-forms and their purpose
19. How to take check-ins and check-outs on the computer
20. Various reports prepared by reception
21. Key check policy
22. Mail & message handling procedures
23. Percentage of no-shows to calculate safe over booking
24. Group and crew rooming, pre-preparation and procedures
25. Scanty baggage policy
26. Handlin of room changes / rate amendments/ date amendments/ joiners/ one person departure/ allowances/ paid outs and all formats accompanying them
27. Requisitioning of operating supplies
28. Handling of special situations pertaining to guest grievance, requests etc
29. BELL DISK / CONCIERGE FUNCTIONS: luggage handling during check-in & check-out, left luggage procedures, wake-up call procedure, scanty baggage procedure, handling of group baggage, maintenance of records, Errands made, briefings etc.
30. TRAVEL DESK: coordination, booking, transfers etc.

Personality Skills for Hospitality – Learning from Industry

Practical: 2 Credits

Total Hours =60

WHAT TO OBSERVE

(a) Personality Enrichment

Grooming, Personal hygiene, Social and Business and Dining Etiquettes, Body language,
Art of good Conversation, Art of Intelligent Listening

(b) Etiquettes & Manners

Social & Business Dining Etiquettes, Social & Travel Etiquettes

(c) Personality Development Strategies

Communication Skills, Presentation Skills, Public Speaking, Extempore Speaking,
importance and art of 'Small Talk' before serious business

(d) Interpersonal Skills

Dealing with seniors, colleagues, juniors, customers, suppliers, contract workers, owners etc
at work place

(e) Group Discussion

Team Behaviour, how to effectively conduct yourself during GD, do's and don'ts, clarity of
thoughts and its expression

(f) Telephone conversation

Thumb rules, voice modulation, tone, do's & don'ts, manners and accent

(g) Presentation

Presentation skills, seminars skills role – plays

(h) Electronic Communication Techniques: E mail, Fax,

SEMESTER VI

SEC-BHMCT-4: FRENCH FOR HOTELS– II		
Credits –02 External Marks -32 Internal Marks -08 TotalMarks-40		
COURSE OBJECTIVES: <ul style="list-style-type: none"> - Co 1 Use French terminology & possessive adjective. - Co 2 Read & Recite basic conversation in French related to kitchen & restaurant. - Co 3 Describe wines and cheese in French. - Co 4 Write and explain French Classical Menu. 		
UNIT- I	Restaurant Brigade; Hotplate language and terminology; Name of herbs and spices; Plural of Nouns; Possessive adjectives; Conversation basic: Introducing each other, Short Guest Interactions. Book lessons – 1 to 14 (Revision of previous)	CO 1
UNIT- II	Kitchen Brigade; Name of Meat, Poultry and Game; Conjugation of irregular verbs : partir, faire, prendre, sortir, voir, vouloir, pouvoir; The interrogation with <est-ce que, qu'est-ce que et qui est-ce> ; Conversation basic : In the restaurant (how to place/take order, billing etc.) Book lessons – 15 to 17	CO 2, CO 3
UNIT-III	Name of French wines , French cheese and seasonings ; Reading a wine lable ; The recent past tense ; The immediate future tense ; Conversation basic: hotel room reservation (to make/cancel the reservation) Book lessons – 18 to20	CO 2, CO 3
UNIT- IV	The French Classical Menu with classic - examples of each course; Hot plate language and terminology; Interrogation; Conversation basic: Making/Cancelling a reservation (in train/on flight) (Oral) Role-playing of different situations Understanding questions Conversation Picture composition	CO4

	Book lessons – 20 to 22	
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Suggested Readings:

1. **G Mauger Blue - Cours de Langue et de Civilization Francaise 1 with Cd (Lecon 1-14) (French) (Prescribed book)**
2. Larousse compact Dictionary: French-English/ English-French
3. Conjugaison - Le Robert & Nathan
4. Larousse French Grammar
5. Grammaire Collection "Le Nouvel Entraînez vous" level debutant
6. Parlez à l'hotel by A. Talukdar
7. A Votre Service 1
8. French for Hotel and Torism Industry by S.Bhattacharya
8. Basic French Course for The Hotel Industry by Catherine Lobo & Sonali Jadhav

Mapping

CO- PO

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	2	2	1	3	1	3	1
CO2	3	2	2	1	2	1	3	1
CO3	3	2	2	1	2	1	3	1
CO4	3	2	2	1	2	1	3	1
	3	2	2	1	2	1	3	1

CO- PSO

	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	2	2	2	2	1
Co 2	2	2	2	2	1
Co 3	2	2	2	2	1
Co 4	2	2	2	2	1
	2	2	2	2	1

CO –PO- PSO

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
Co 1	3	2	2	1	3	1	3	1	2	2	2	2	1
Co 2	3	2	2	1	2	1	3	1	2	2	2	2	1
Co 3	3	2	2	1	2	1	3	1	2	2	2	2	1
Co 4	3	2	2	1	2	1	3	1	2	2	2	2	1

	3	2	2	1	2	1	3	1	2	2	2	2	1
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DSE-BHMCT-7 A1 REGIONAL CUISINES OF INDIA –II (THEORY)		Credits –04
		External Marks -64
		Internal Marks -16
		TotalMarks-80
COURSE OBJECTIVES:		
Co 1 : Knowledge About The Cuisines Of Andhra Pradesh, Tamil Nadu & Kerala		
Co 2 : Familiarizing With Awadhi, Bengal & Odisha cuisines		
Co 3 : Ability To Identify Different Indian Sweets & Desserts		
Co 4 : Knowledge about the Food Of India		
UNIT- I	Cuisines of Andhra Pradesh, Tamil Nadu & Kerala: <ul style="list-style-type: none">• Introduction,• Geographical Perspectives,• Brief Historical Background,• Characteristics & Salient Features of Cuisine ,• Key Ingredients, Popular Foods,• Seasonal Foods & Special Equipments,• Staple Diets, Specialties during Festivals and Other Occasions, Community Foods	CO 1
UNIT- II	Cuisines of Awadhi, Bengal & Odisha: <ul style="list-style-type: none">• Introduction,• Geographical Perspectives,• Brief Historical Background,• Characteristics & Salient Features of Cuisine ,• Key Ingredients, Popular Foods,• Seasonal Foods & Special Equipments,• Staple Diets, Specialties during Festivals and Other Occasions, Community Foods	CO 2

UNIT-III	Indian Sweets & Desserts: <ul style="list-style-type: none">• Introduction,• Geographical Perspectives,• Brief Historical Background,• Characteristics & Salient Features ,• Key Ingredients, Popular Sweets, Seasonal Sweets,• Special Equipments, Specialties during Festivals and Other Occasions	CO 3
UNIT-IV	New concept in cooking : <ul style="list-style-type: none">• vegan cooking• gluten free cooking• sugar free cooking• Plant based cooking• Healthy food cooking• Low Fat cooking• Fusion Cooking• Fire less cooking	CO4

References:

- A Taste of India By Madhur Jafferey - John Wiley & Sons
- The Essential Kerala Cookbook Paperback by Vijayan Kannampill
- Practical Cookery By Kinton & Cessarani
- Flavours of the Spice Coast – K M Mathew
- Theory of Catering by Kinton & Cessarani

DSE-BHMCT-7 A2 REGIONAL CUISINES OF INDIA –II (THEORY)								
Credits –02								
External Marks -32								
Internal Marks -08								
TotalMarks-40								
<p>Popular Breakfast Dishes Two or more lunch Menus about 3-5 dishes per state. Famous desserts of the states Preparation of various pizza , mousse ,tart and other desserts Note: For focused inputs Regional Theme Lunches/ Festivals may be organized as a part of activity based learning.</p>								

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	1	1	2	1	1	2	3	1
Co 2	1	1	2	1	1	2	3	1
Co 3	1	2	2	1	1	2	3	1
Co 4	1	1	2	1	1	1	3	2
	1.	1.25	2	1	1	1.75	3	1.25

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	3	3	1	2	2
Co 2	3	2	1	2	1
Co 3	3	3	2	3	3
Co 4	3	3	3	2	2
	3	2.75	1.75	2.25	2

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	1	1	2	1	1	2	3	1	3	3	1	2	2
Co 2	1	1	2	1	1	2	3	1	3	2	1	2	1
Co 3	1	2	2	1	1	2	3	1	3	3	2	3	3
Co 4	1	1	2	1	1	1	3	2	3	3	3	2	2
	1.	1.25	2	1	1	1.75	3	1.25	3	2.75	1.75	2.25	2

<p>DSE-BHMCT-7 B1 FOOD & BEVERAGE SERVICE MANAGEMENT -II (THEORY) Credits –04 External Marks -64 Internal Marks -16 TotalMarks-80</p>		
<p>COURSE OBJECTIVES:</p> <ul style="list-style-type: none"> - Co 1 Create awareness about food & beverage management - Co 2 Understanding about Liqueurs & mixed drinks. - Co 3 Develop knowledge about different regions of wine. - Co 4 Learn about bar management. 		
UNIT- I	Food & Beverage Management Introduction, Objectives of F&B Management, Responsibilities of F&B Management, Constraints to F&B Management. Managing quality in food & beverage operations at Catering Establishments.	CO 1
UNIT- II	Liqueurs & Mixed drinks- Liqueurs: Types, Production, Brands & Service -Indian and International. introduction to other alcoholic beverages- Absinthe, Ouza Aquavit, Silvovitz, Arrack, Feni, Grappa, Calvados Etc.	CO 2,
UNIT-III	Wines Principal wine regions and wines of France, Germany, Italy, Spain. Portugal, USA, Australia; New World Wines (brand names) India, Chile, South Africa, Algeria, New Zealand, Food & Wine Harmony, Storage of wines, Wine terminology (English &French)	CO 3
UNIT- IV	Bar Management: Introduction, Purchasing, Storing, Receiving, Issuing; Controlling, Employee Management, Art of Mixology, Planning for Profits, Yesterday & Today, Creating and Maintaining a Bar	CO4

	Business, Legal Aspects.	
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REFERENCES:

Text book .

Food & Beverage Service – Dennis R.Lillicrap. & John A. Cousines. Publisher: ELBS

Food & beverage Service Training Manual – Sudhir Andrews, Tata Mc Graw Hill.

Food & Beverage Service – R. Singaravelavan.

Food & Beverage Service & Management -- Bobby George & Sandeep Chatterjee

Food & Beverage Service- Anita Sharma & S N Bagchi.

Financial & Cost control techniques in hotel & Catering Industry – Dr J.M.S.Negi

DSE-BHMCT-7 B2 FOOD & BEVERAGE SERVICE MANAGEMENT -II (THEORY)

Credits –02

External Marks -32

Internal Marks -08

TotalMarks-40

- Service of Wines & Bar Menus
- Reading Wine Labels,
- Cocktail parties
- Role Plays & Situation handling in Bar

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	2	2	2	1	2	1	2	2
Co 2	3	2	1	1	1	1	3	1
Co 3	2	2	1	1	1	1	3	1
Co 4	3	2	2	1	1	2	3	1
	2.5	2	1.5	1	1.25	1.25	2.75	1.25

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	3	2	1	2	2
Co 2	3	3	1	2	1
Co 3	3	2	1	2	2
Co 4	3	2	1	3	2
	3	2.25	1	2.25	1.75

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	2	2	2	1	2	1	2	2	3	2	1	2	2
Co 2	3	2	1	1	1	1	3	1	3	3	1	2	1
Co 3	2	2	1	1	1	1	3	1	3	2	1	2	2
Co 4	3	2	2	1	1	2	3	1	3	2	1	3	2
	2.5	2	1.5	1	1.25	1.25	2.75	1.25	3	2.25	1	2.25	1.75

DSE-BHMCT-7 C1 ACCOMMODATION MANAGEMENT -II (THEORY) Credits –04 External Marks -64 Internal Marks -16 TotalMarks-80		
COURSE OBJECTIVES: <ul style="list-style-type: none"> - Co 1: Understanding the basic concept of Interior Designing. - Co 2: Evaluating the role of color and lighting. - Co 3: Developing an understanding of Floor, floor covering - Co 4: Application of computer in hotel accommodation and knowledge of yield management. 		
UNIT- I	Interior Decoration: Importance, Definition & Types, Classification, Principles of Design: Harmony, Rhythm, Balance, Proportion, Emphasis, Elements of Design: Line, Form, Colors, Texture, Flower Arrangement: Concept & Importance, Types & Shapes and Principles, Equipment and material required for flower arrangement, Conditioning of plant material, Indoor Plants care and role of housekeeping.	CO 1
UNIT- II	Colors: Color Wheel, Importance & Characteristics, Classification of colors, Color Schemes. Lighting: Classification, Types & Importance, Applications. Furniture Arrangements: Principles, Types of Joints, Selection.	CO 2
UNIT-III	Floor & Wall Covering: Types and Characteristics, Carpets: Selection, types, Characteristics, Care and Maintenance. Windows, Curtains, and Blinds Soft Furnishings and Accessories: Types, use and care of Soft furnishing, Types of Accessories: Functional and Decorative.	CO 3
UNIT- IV	Computer Applications in Hotel Accommodation: Introduction to Hotel Software's, Operating Procedures, Salient Features Merits & Challenges, Handling Guest and non-guest accounts, Preparing reports, Giving Maintenances,; Planning & Evaluating Front Office Operations: Forecasting techniques, Forecasting Room availability, Useful forecasting data, (• % of walking, • % of overstaying, • % of under stay) Forecast formula, Sample forecast forms; Yield Management - Concept and importance, Applicability to rooms division (Capacity management, Discount allocation, Duration control,	CO 4

	Measurement yield, Potential high and low demand tactics, Yield management software, Yield management team.	
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SUGGESTED READINGS

Reference books:

- Iyengar, A. (2008). Hotel Finance. OUP India publication.
- Plunkett, D., Reid, O. (2013). Detail in Contemporary Hotel Design. Laurence King Publishing.
- Seal, P. P (2013). Computers in hotels: Concepts and Applications. OUP India publication.
- Tregenza, P., Loe, D. (2014). The design of lighting. Routledge publication; second edition.
- Uysal, M., Schwartz, Z., Turk, E. S. (2011). Management Science in Hospitality and Tourism. Apple Academic Press Inc.

Text Books:

- Andrews, S. (2017). Hotel Housekeeping: A Training Manual. McGraw Hill Education; Third edition.
- Andrews, S. (2017). Hotel Front Office: A Training Manual. McGraw Hill Education; Third edition.
- Bardi, A. J. (2012). Hotel Front Office Management. Wiley India Pvt Ltd; Fifth edition.
- Bhatnagar, S. K. (2011). Front Office Management. Frank Bros.
- Ganguly, P. (2019). Housekeeping Management in Hotel and Service Industry. Dreamtech Press.
- Jagmohan, N. (2013). Housekeeping (Theory and Practices). S Chand & Company.
- Raghubalan, G., Raghubalan, S. (2015). Hotel Housekeeping: Operations and Management. Oxford University Press India; 3 edition.
- Singh, M. (2012). Hotel Housekeeping. McGraw Hill Education; 1 edition
- Tewari, J. (2016). Hotel Front Office: Operations and Management. Oxford University Press; Second edition.
- Yadav, M. K. (2014). Hotel Front Office- Management & Operations. Aman Publications; 2 edition.

DSE-BHMCT-7 C2 ACCOMMODATION MANAGEMENT -II (PRACTICAL)	
	Credits –04
	External Marks -64
	Internal Marks -16
	TotalMarks-80
<ul style="list-style-type: none"> - - Hands on practice of computer application (Hotel Management System) related to Rooms Division procedures as covered in syllabus - Presentations on Interior Decorations - Flower Arrangements Workshops - Visit to Local Resources 	

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	2	2	1	1	1	2	2	2
Co 2	2	2	1	1	1	2	2	2
Co 3	3	2	1	1	1	2	3	3

Co 4	3	3	2	2	3	2	2	1
	2.5	2.25	1.25	1.25	1.5	2	2.25	2

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	2	2	2	1	1
Co 2	1	1	1	1	1
Co 3	3	3	1	3	1
Co 4	3	3	2	3	2
	2.25	2.25	1.5	2	1.25

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
Co 1	2	2	1	1	1	2	2	2	2	2	2	1	1
Co 2	2	2	1	1	1	2	2	2	1	1	1	1	1
Co 3	3	2	1	1	1	2	3	3	3	3	1	3	1
Co 4	3	3	2	2	3	2	2	1	3	3	2	3	2

	2.5	2.25	1.25	1.25	1.5	2	2.25	2	2.25	2.25	1.5	2	1.25
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DSE-BHMCT-8A PROJECT WORK

Credits –04
External Marks -64
Internal Marks -16
TotalMarks-80

Keeping in view the diverse nature of tourism & hospitality industry & its long- term implications on the economy, society, culture & environment, It is mandatory to do some project work so as to sharpen the research skills, develop a practical understanding of the Hospitality system, attain some field experience etc.

Students are required to prepare a project on a topic of their choice approved from Faculty from Institute/ Head of Department (F.O/ F&Bs/ F.P/ A.Op) Computer Typed {Times New Roman} compiled & Hard bound copy (Two print Copies) and One soft copy in C.D.

The Project should include:

- The First page should include Name of The Institute / University, Project undertaken, Roll Number & Name.
- Certificate by Candidate of genuine work.
- Acknowledgement.
- Certificate of approval.
- Introduction to the topic.
- Problem Definition
 - Need of study
 - Problem Definition
 - Research objective
 - List of Information
- Research Methodology
 - Research design
 - Source of data
 - Instrumentation of data collection
 - Sampling Design
- Analysis, Findings & Interpretation.
- Suggestions & Recommendations.
- Conclusion or Silent Findings
- Limitation
- Bibliography
- Annexure

Selecting A Topic:-

Selecting a topic is the first issue. About the only thing you will be sure of should be that do you want to write on a subject that directly relates to Hotels or is associated with tourism. A lot of thinking & creativity is required at planning stage.

The purpose of project for you is to-

- Learn about various hospitality issues.

- Learn how to evaluate the potential.
- Improve organizing & managerial skills.

Sample themes of Research are:-

Accommodation Management-

- “Technology in Hotel Accommodation Services:- A case study of Hotel- ABC.”

Various topics can be selected suggested themes are-

- Surveying of Guest Behavior
- Surveying of Environment Conservation
- Surveying of Negative impacts of System
- Segmentation of Guest staying in unit.
- Profiling of Tourists/ Guests
- Comparative analysis of Tariff Strategies.
- Linkages amongst various constituents of Hospitality industry
- HRD- Policies of Unit/ Chain
- Cost Control in Housekeeping/ Kitchen
- Safety & Security Issues- Case studies

The above mentioned are simply few suggested topics. The candidates are free to select a topic of their choice with due consultation with the faculty member who is mentoring the candidate in the Institute.

DSE-BHMCT-8B EVENT MANAGEMENT (THEORY) Credits –04 External Marks -64 Internal Marks -16 TotalMarks- 80		
COURSE OBJECTIVES: <ul style="list-style-type: none"> - Co 1 Define the concept, advantages & disadvantages, types of event. - Co 2 Explain key elements of events. - Co 3 Point out event marketing & promotion. - Co 4 Create events & access financial management of events. 		
UNIT- I	Events- The Concept, Nature, Definition and scope, C's of Events, advantage and disadvantage of Events, Categories and Typologies, Skills required to be a good Event Planners.	CO 1
UNIT- II	Organizing & Designing of Events, key elements of Events, Event Infrastructure, core concept, core people, core talent, core structure, Setting Objectives for the Event, Negotiating Contracts with event Organizers, Venue, Media.	CO 2, CO 3
UNIT-III	Marketing & Promotion of Events: Nature of Event Marketing, Process of Event Marketing, The Marketing Mix, Sponsorship. Promotion: Image/ Branding, Advertising, Publicity and Public Relation.	CO 2, CO 3
UNIT- IV	Managing Events: Financial Management of Events, Staffing, Leadership. Safety and Security: Occupational Safety and Health, Incident Reporting, Crowd Management and Evacuation. Note: An Event such as Conference/ Seminar/ theme event may be planned and organised to supplement learning of students.	CO4

Suggested Readings:

1. A.K. Bhatia, 'Event Management', Sterling Publishers Pvt. Ltd. Delhi.
2. Anton Shone & Bryn Parry, 'Successful Event Management, Coleman, Lee & Frankle, Powerhouse Conferences. Educational Institute of AHMA
3. Hoyle, Dorf & Jones, Meaning conventions & Group business. Educational institute of AH & MA.

4. Joe Jeff Goldblatt, “Special Events: Best Practices in Modern Event Management (Hospitality, Travel & Tourism)”, John Willy and Sons, New York
5. Leonard H. Hoyle, Jr, ‘Event Marketing’, John Willy and Sons, New York
6. Lynn Van Der Wagen, Carlos, Event Management, Pearson, New Delhi.
7. Sanjay Singh Gaur, Sanjay V Saggere, Event Marketing Management, Vikas Publication, New Delhi
8. John Beech, Sebastian Kaiser, Robert Kaspar - The Business of Events Management
Pearson Publications

Mapping

CO- PO

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	3	3	3	3	3	3	1
CO2	2	3	3	2	2	2	3	1
CO3	3	3	3	3	3	3	3	1
CO4	3	3	3	3	3	3	3	1
	2.5	3	3	2.5	2.5	2.75	3	1

CO- PSO

	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	2	3	3	3	3
Co 2	2	3	3	3	2
Co 3	2	3	3	3	3
Co 4	2	2	2	2	2
	2	2.75	2.75	2.75	2.5

CO –PO- PSO

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
Co 1	2	3	3	3	3	3	3	1	2	3	3	3	3
Co 2	2	3	3	2	2	2	3	1	2	3	3	3	2
Co 3	3	3	3	3	3	3	3	1	2	3	3	3	3
Co 4	3	3	3	3	3	3	3	1	2	2	2	2	2
	2.5	3	3	2.5	2.5	2.75	3	1	2	2.75	2.75	2.75	2.5

DSE-BHMCT-9A Hospitality Marketing		
Credits –04 External Marks -64 Internal Marks -16 TotalMarks-80		
CO 1 Develop the understanding of concept and orientation of marketing. CO 2 Learn to use Marketing Mix Elements in hospitality industry. CO3 Understand and adapt to Modern marketing concept to meet dynamic environment of hospitality industry. CO4 Adapt to the new technology in field of marketing.		
Unit I	Introduction to Marketing - Definition, Marketing Concepts (Need, Want, Demand, TQM, Product, Customer value, Customer satisfaction, Exchange & Transaction, Market), Difference between marketing and Selling, Marketing Orientation (Product concept, Production concept, Selling concept, Marketing concept, Societal marketing concept), Challenges to hospitality and tourism marketing. Service Characteristic of Hospitality and Tourism Business	CO1
Unit II	Tourism Marketing system and Marketing Mix Elements- Tourism marketing system: internal environment, external environment, micro environment; Marketing mix: Product, Place, Price, Promotion, (Meaning, Concept, Elements and Importance in context of Tourism and Hospitality).	CO2
Unit III	Expanded Marketing Mix and Modern Marketing: People, Process and Physical evidence (Meaning, Concept, Elements and Importance in context of Tourism and Hospitality); Modern marketing concepts: Green marketing, Mobile marketing, Cross-cultural marketing, Web marketing, Tele marketing, Relationship marketing, Buzz marketing.	CO3
Unit IV	Technology in Tourism Marketing- Introduction, technology in tourism marketing, multimedia, virtual reality and virtual tour, online travel or electronic tourism, using website for tourism marketing, impact of online business on existing intermediaries.	CO4

Text Book

1. Chaudhary, M. (2010). *Tourism Marketing (1st ed.)*. New Delhi, India: Oxford University Press.

Recommended Books / Suggested Readings:

1. Philip, K., John, T. & James M,(2016). *Marketing for hospitality and tourism (6TH ed.)*. New Delhi, India: Pearson India education.
2. Prasana, K. (2016). *Marketing of hospitality and tourism services (2nd ed)*. New Delhi, India: Mc Graw Hill education India.
3. Devashish, D. (2011). *Tourism marketing (1st ed)*. New Delhi, India: Pearson India education service.

Weblinks:

1. <https://epgp.inflibnet.ac.in/ahl.php?csrno=1827>
2. <https://opentextbc.ca/introtourism/chapter/chapter-8-services-marketing/>

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
CO 1	1	1	1	1	1	1	1	1
CO 2	2	2	2	1	2	2	2	1
CO 3	1	2	3	1	3	3	3	1
CO 4	1	2	2	1	3	2	2	1
	1.25	1.75	2	1	2.25	2	2	1

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	2	1	1	2	1
Co 2	3	1	1	2	1
Co 3	2	1	1	2	1
Co 4	2	1	1	2	1
	2.25	1	1	2	1

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO 4	PSO 5
CO 1	1	1	1	1	1	1	1	1	2	1	1	2	1
CO 2	2	2	2	1	2	2	2	1	3	1	1	2	1
CO 3	1	2	3	1	3	3	3	1	2	1	1	2	1
CO 4	1	2	2	1	3	2	2	1	2	1	1	2	1
	1.25	1.75	2	1	2.25	2	2	1	2.25	1	1	2	1

DSE-BHMCT-9B HOTEL FACILITY PLANNING

Credits –04 External Marks -64 Internal Marks -16 TotalMarks-80		
CO1 Learn Hotel classification, Architectural features of different hotels. CO 2 Develop hotel projects & feasibility report CO3 Prepare kitchen & restaurant design CO4 Adapt with new equipment , hotel safety & storage problems and facility planning network models		
Unit I	Understanding Hotel Classification & Guidelines – Indian context Introduction to hotels – types of hotels; Architectural features, facilities and Services in star, heritage & apartment hotels.	CO1
Unit II	Hotel design Introduction, design considerations, Systematic Layout planning (SLP), Rules for Allocation of space in a hotel, formulation of project / feasibility report	CO2
Unit III	Kitchen & Restaurant Design Basic Physical Layout of kitchen & restaurant, Designing & planning Kitchen, Restaurant & restaurant bar.	CO3
Unit IV	Specification for equipment, ventilation, kitchen safety & various storage facilities Features of good kitchen, care and maintenance of kitchen equipment, kitchen equipment specifications. Food store: definition & types, role of a storekeeper, beverage storage facilities Project management & Masterpieces of Facility planning The network models (CPM / PERT), Drawing of a Network diagram, Project cost analysis Few masterpieces of facility planning in Hotels & Restaurant.	CO4

Reference:

- Hotel facility planning by Tarun Bansal, Oxford University Press.New Delhi
- Hotel Venture Management by Pandit S.N, Hotex Publishers, New Delhi
- Hotel Management Theory by B.K Chakaravati

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	3	3	3	3	3	3	2
CO2	3	3	3	1	2	3	3	2
CO3	2	2	3	2	2	2	3	2
CO4	3	3	3	2	3	3	3	2
	2.5	2.75	3	2	2.5	2.75	3	2

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	2	3	3	3	3
Co 2	3	3	3	3	3
Co 3	3	3	3	3	3
Co 4	3	3	3	3	3
	2.75	3	3	3	3

**MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC
OBJECTIVE**

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO 4	PSO 5
CO 1	2	3	3	3	3	3	3	2	2	3	3	3	3
CO 2	3	3	3	1	2	3	3	2	3	3	3	3	3
CO 3	2	2	3	2	2	2	3	2	3	3	3	3	3
CO 4	3	3	3	2	3	3	3	2	3	3	3	3	3
	2.5	2.75	3	2	2.5	2.75	3	2	2.75	3	3	3	3

DSE-BHMCT-9C MOOC

Credits –04
External Marks -64
Internal Marks -16
TotalMarks-80

Programme as recommended by University .

SEMESTER VII

<p align="center">SEC-BHMCT- 5: Skill Enhancement for Media & Journalism in Hospitality & Tourism</p> <p align="right">Credits –02 External Marks -32 Internal Marks -08 TotalMarks-40</p>		
<p>COURSE OBJECTIVES:</p> <ul style="list-style-type: none"> - Co 1 Understand scope of journalism in Hospitality & Tourism and types of travel writing. - Co 2 Know pioneers of hospitality & tourism journalist - Co 3 Create creative tourism & hospitality writing - Co 4 Adapt to media application in hospitality 		
Unit I	Journalism, Hospitality & Tourism: Introduction to Journalism, Definition of a Journalist, Nature & Scope of Journalism, Journalism - Hospitality & Tourism: Careers & Opportunities, Familiarisation with tasks and profile of a Journalist, Ethics for Journalists, Current Issues for Journalists, Travel, Tourism & Hospitality Writing, Types of Travel Writing.	CO1
Unit II	Pioneers in Hospitality & Tourism Journalism & Media: Pioneers in Travel Writing, Great travel stories of Marco Polo, Hiuen Tsang, Iban Batuta, Al Baruni, V.S. Naipaul, Rahul Sankratan, William Dalrymple, Today's Hospitality Pioneers – Chef Manjit Gill, Studio Food Promoters - Chef Sanjeev Kapoor, Chef Vikas Khanna, David Rocco	CO2
Unit III	Creative Travel, Tourism & Hospitality Writing: : Introduction to creative writing, information collection, writing for hospitality, tourism and travel magazines, Writing for online magazines, Studies from Hospitality Biz India, Travel Biz Monitor and Express Hospitality Magazines, Travel web searching (browsing).	CO3
Unit VI	Media Applications for Hospitality: Introduction Media, Its Role in Hospitality Promotion, Televisions, Food Food Channel, TLC Channel, Food & Travel Shows, Social Media- Creating Pages and Profiles, Merits/Demerits of Social Media. Developing promotional Literature, Travel & Hospitality Photography, New Trends	CO4

SUGGESTED READINGS:

- Magazines of Airlines, Hotels & Tourism Organisations.
- Hand Book of Journalism & Mass Communications by V.S. Gupta, Vir Bala Aggarwal, concept Publishers, New Delhi.
- Hospitality Biz India, Travel Biz Monitor
- Hotel Promotional Literatures
- Mass Communication Theory & Practice by Uma Narula, Hiranand Publication, New Delhi.
- Mass Communication, Wilbur Schram
- Outlook Traveler
- The Art of Travel : Essays on Travel Writing, Dodel, Philip
- Travel in the ancient world, Cason, Leonell, George Allen
- Understanding Media by Marshal McLuhan.

MAPPING

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	3	3	3	3	3	3	3	2
Co 2	2	1	1	1	1	1	1	1
Co 3	3	3	3	3	3	3	3	1
Co 4	3	3	3	3	3	3	3	1
	2.75	2.5	2.5	2.5	2.5	2.5	2.5	1.5

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	2	2	2	2	2
Co 2	2	2	2	2	2
Co 3	2	2	2	2	2
Co 4	1	1	1	2	3
	1.75	1.75	1.75	2	2.25

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
Co 1	3	3	3	3	3	3	3	2	2	2	2	2	2
Co 2	2	1	1	1	1	1	1	1	2	2	2	2	2
Co 3	3	3	3	3	3	3	3	1	2	2	2	2	2
Co 4	3	3	3	3	3	3	3	1	1	1	1	2	3
	2.75	2.5	2.5	2.5	2.5	2.5	2.5	1.5	1.75	1.75	1.75	2	2.25

SEC-BHMCT-5B: APPLICATION OF COMPUTERS IN HOSPITALITY & TOURISM Credits –02 External Marks -32 Internal Marks -08 TotalMarks-40		
COURSE OBJECTIVES: <ul style="list-style-type: none"> - Co 1:Creating an awareness about computer. - Co 2: Developing an understanding of computer software. - Co 3: Examining the basics of internet and its applications. - Co 4:Analyzing the application of social media in hospitality. 		
UNIT- I	Introduction to Computers: Introduction to Computer: Classification, Generations, Organization, Capabilities Characteristics & Limitations, Application of Computer in Hotels,Familiarisation with Components of Computers – Hardware: Hardware elements – input,storage, processing & output devices. Block diagram of computer	CO 1
UNIT- II	Introduction to Computers Software: Types of Software, System Software, ApplicationSoftware, Utility Software's, Use of MS- Office: Basics of MS- Word. MS- Excel and MSPowerPoint	CO 2
UNIT-III	Internet & Applications: Introduction to Internet: Definition of networks, concepts of webpage, website and web searching (browsing). Benefits, Application, Working, Hardware andSoftware requirements, World Wide Web, Web Browser, URL, Search Engines, Email	CO 3
UNIT- IV	Social Media Applications and Hospitality: Introduction to Social Media, Its Role inHospitality Promotion, Facebook – Creating Pages and Profiles, Merits/Demerits of SocialMedia, Linked In, Twitter and Other Social Media Applications.	CO 4

SUGGESTED READINGS

- Leon & Lion, Introduction to Computers, Vikas Publishing House, New Delhi
- June Jamrich Parsons, Computer Concepts 7th Edition, Thomson Learning, Bombay.
- Comer 4e, Computer networks and Internet, Pearson Education
- White, Date Communications & Compute4r Network, Thomson Learning, Bombay.
- Computers in Hotels – Concepts & Applications : Partho P Seal Oxford University Press

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	2	2	2	2	2	1	3	2
Co 2	2	2	2	2	2	1	2	1
Co 3	3	3	2	2	2	2	3	1
Co 4	1	2	2	2	2	2	1	1
	2	2.25	2	2	2	1.5	2.25	1.25

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	3	2	2	3	2
Co 2	2	2	2	2	1
Co 3	2	2	2	2	2
Co 4	1	1	1	1	2
	2	1.75	1.75	2	1.75

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
Co 1	2	2	2	2	2	1	3	2	3	2	2	3	2
Co 2	2	2	2	2	2	1	2	1	2	2	2	2	1
Co 3	3	3	2	2	2	2	3	1	2	2	2	2	2
Co 4	1	2	2	2	2	2	1	1	1	1	1	1	2
	2	2.25	2	2	2	1.5	2.25	1.25	2	1.75	1.75	2	1.75

SEC-BHMCT -5C: WEB APPLICATIONS IN HOSPITALITY AND TOURISM		
COURSE OBJECTIVES: <ul style="list-style-type: none"> - Co 1: Examining the role of web application. - Co 2: Understanding the concept of data compression. - Co 3: Examining data, file format and multimedia applications design. - Co 4: Developing an understanding of website designing. 		
UNIT- I	Introduction to Web Applications, Understanding the concepts with Hotel Websites like of Taj, Oberoi's, Lalit, Hilton etc. Concept of e - Commerce, e - Tourism, e- Business, Role of a website and e tools like Multimedia: Multimedia devices, components of multimedia systems, authoring tools, creating multimedia, video-capturing, video on demand.	CO 1
UNIT- II	Data compression : Need for data compression, non-lossy and lossy compressions for images, color, gray scale and still-video image, video image, and audio compression JPEG standard, MPEG standard, DVI Technology, MIDI, brief survey of speech recognition and generation.	CO 2
UNIT-III	Data and file format standards, Multimedia applications design: Application classes, types of Multimedia systems; Distributed multimedia systems: Components, distributed multimedia Databases.	CO 3
UNIT- IV	Introduction to Web design: Web development process, site types and architectures, navigation theory and practice. Introduction to Page: Page sizes, page types, web design tools; introduction to text: Fonts and text layout, formatting tags, text design issues for the web. Each student would be required to develop at least one website.	CO 4

SUGGESTED READINGS

- Buford, Multimedia Systems, Pearson Education
- Vaughan, Multimedia Making IT Work, Tata McGraw Hill
- Villamil and Molina, Multimedia: An Introduction, Prentice-Hall of India
- Shuman, Multimedia in Action, Vikas Publishing House, New Delhi
- Senclair, Multimedia on the PC, BPB Publications.
- Rosch, Multimedia Bible, Sams Publishing
- Powell, Web Design The Complete Reference, Tata McGraw Hill, New Delhi.

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	1	1	2	1	2	1	1	1
Co 2	1	1	1	1	2	2	1	1
Co 3	1	2	2	1	2	2	1	1
Co 4	1	1	2	1	2	1	1	1
	1	1.25	1.75	1	2	1.5	1	1

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	2	1	2	1	1
Co 2	1	1	2	1	1
Co 3	2	2	2	1	1
Co 4	1	1	1	1	1
	1.5	1.25	1.75	1	1

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
Co 1	1	1	2	1	2	1	1	1	2	1	2	1	1
Co 2	1	1	1	1	2	2	1	1	1	1	2	1	1
Co 3	1	2	2	1	2	2	1	1	2	2	2	1	1
Co 4	1	1	2	1	2	1	1	1	1	1	1	1	1
	1	1.25	1.75	1	2	1.5	1	1	1.5	1.25	1.75	1	1

DSE-BHMCT-10 A1 HUMAN RESOURCE MANAGEMENT IN HOTELS (THEORY) Credits –04 External Marks -64 Internal Marks -16 TotalMarks-80		
COURSE OBJECTIVES: Co 1 : Knowledge About basic of human resource management Co 2 : Familiarizing With Recruitments, Learning & Development, Performance Appraisal Co 3 : Ability To Identify Employee Motivation, Compensation & Benefit Management Co 4 : Knowledge about Job Satisfaction, Organizational Culture, Disciplinary Action		
UNIT- I	<ul style="list-style-type: none"> • Introduction, Definition & Concept, • Objectives of HRM • Concept and Challenges of HRM • Human Resource Functions • Scope of HRM • Human resource Planning & Process, 	CO 1
UNIT- II	<ul style="list-style-type: none"> • Recruitments, • Introduction, Concept, Sources, What to look for in prospective candidates, Recruitments • Policy and Techniques. Learning & Development, • Introduction, Concept, Functions, Training Cycle, Evaluation, Methods, • Organizational Culture & Training. • Performance Appraisal -Introduction, Purpose, Process, Challenges, Underlying Theories, Balance Score Card, • The360 Degree Feedback System, • Managing Employee Performance 	CO 2
UNIT-III	<ul style="list-style-type: none"> • Employee Motivation, Concept, Various Motivation Theories (Maslow's Theory, Herzberg's Theory, Adam's Equity Theory, B.F Skinners Reinforcement Theory), • Motivating Employees & Measurement. • Compensation & Benefits: Policy, Components, Determinants, Theories, • Employee Compensation Practices in India 	CO 3
UNIT- IV	<ul style="list-style-type: none"> • Introduction, Theories of Motivation, • Correlates of Job Satisfaction, • Importance of Job Satisfaction, Measuring Job Satisfaction. • Organizational Culture: Introduction, • Observational Aspects, Functions, Cultural Models, • Positive or Negative Organizational Cultures, • Managing and Changing Organizational Cultures. 	CO4

	<ul style="list-style-type: none"> • Disciplinary Action: Introduction, Principles of Natural Justice, • Counseling, Disciplinary Guidelines, • Disciplinary Process, Charge Sheet 	
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Suggestion reading :

- Human Resource Development & Management in the Hotel Industry – S.K. Bhatia, Nirmal Singh
- Principal and Techniques of Personnel Management Human Resource Management – Dr. Jagmohan Negi
- Human Resource Management – Rao . V S P

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	3	2	2	1	2	1	2	1
Co 2	2	2	1	1	1	1	2	1
Co 3	3	2	1	1	1	1	2	1
Co 4	2	2	2	1	1	2	2	1
	2.5	2	1.5	1	1.25	1.25	2	1

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	3	2	2	2	2
Co 2	3	2	2	3	2
Co 3	3	2	1	3	2
Co 4	3	3	1	3	1
	3	2.25	1.5	2.75	1.75

**MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC
OBJECTIVE**

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	3	2	2	1	2	1	2	1	3	2	2	2	2
Co 2	2	2	1	1	1	1	2	1	3	2	2	3	2
Co 3	3	2	1	1	1	1	2	1	3	2	1	3	2
Co 4	2	2	2	1	1	2	2	1	3	3	1	3	1
	2.5	2	1.5	1	1.25	1.25	2	1	3	2.25	1.5	2.75	1.75

DSE-10 B2: FRONT OFFICE MANAGEMENT		
Credits –04 External Marks -64 Internal Marks -16 Total Marks-80		
COURSE OBJECTIVES: <ul style="list-style-type: none"> - Co 1: Assessing the quality of guest service. - Co 2: Summarizing front office accounting. - Co 3: Examining the basics of Revenue management in hotel. - Co 4: Managing front office human resource. 		
UNIT- I	Quality Guest Service: Introduction, services provided by hotel front office, certification, moments of truth, Coordination with Housekeeping and other divisions, managing an effective communication, latest trends and practices followed in front office.	CO 1
UNIT- II	Front Office Accounting: Meaning & fundamentals, types of account, Folio, Voucher, Ledger, POS, account settlement, transfer of account to back office accounting, Hotel credit management (including credit cards), Foreign currency awareness and handling procedures, Internet control - Transcript, cash sheet, cash banks.	CO 2
UNIT-III	Revenue Management: Concept and applications, Measuring yield, elements of revenue management; using revenue Management, Economic Principles and Demand Forecasting, Reservations and Channels of Distribution, The Revenue Management Team, Strategic Management and Following the RevMAP, Tools, Tactics, and Resources.	CO 3

UNIT- IV	<p>Managing Front Office Human Resource:Recruitments & Selection, Orientation & Socialization, Training and Development, Responsibilities of managers and role of supervisors, Staffing Challenges.</p> <p>PRACTICAL</p> <ul style="list-style-type: none"> • Front Office Planning – The FOM's Role • Professional Front Office Layout & Organizations • Front Office Operations : Activities, Records & Regulations to supplement theory syllabus • Safety & Security Practices & Role of Hotel Front Office • Revenue Management in Front Office Operations 	CO 4
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SUGGESTED READINGS

Reference books:

- Bagdan, P. (2019). Guest Service in the Hospitality Industry. Kendall Hunt Publishing Company; Second edition..
- Kempen, M. (2012). Profitable Hotel Guest Management: The Factors Involved in and the Importance of Following a Guest Relationship Approach in the Irish Luxury Hotel Sector. Bachelor + Master Publication; unabridged.
- Magazine, E., Turner, K. (2013). Start Your Own Staffing Service: Your Step-By-Step Guide to Success. Entrepreneur Press.
- Magnini, V.P., Simon, C.J. (2016). A Hotel Manager's Handbook: 189 Techniques for Achieving Exceptional Guest Satisfaction. CRC Press.
- National Research Council, Division of Behavioral and Social Sciences and Education, Board on Human-Systems Integration, Committee on Staffing Needs of

Systems Specialists in Aviation (2013). Assessment of Staffing Needs of Systems Specialists in Aviation. National Academies Press.

- Sharma, D. k. (2012). Manpower Planning. Centrum Press publication.
- Soft, J. (2018). Room Reservation Book. CreateSpace Independent Publishing Platform.
- Tanji, H. (2015). Secrets of Successful Guest Complaint Handling in Hotel & Restaurant: Practical Training Manual for Hoteliers & Hospitality Management Students. CreateSpace Independent Publishing Platform.

Text Books:

- Andrews, S. (2017). Hotel Front Office: A Training Manual. McGraw Hill Education; Third edition.
- Bhatnagar, S. K. (2011). Front Office Management. Frank Bros.
- Ganguly, P. (2019). Housekeeping Management in Hotel and Service Industry. Dreamtech Press.
- Ivanov, S. (2014). Hotel Revenue Management: From Theory to Practice. Zangador publication.
- Jagmohan, N. (2013). Housekeeping (Theory and Practices). S Chand & Company.
- Raghubalan, G., Raghubalan, S. (2015). Hotel Housekeeping: Operations and Management. Oxford University Press India; 3 edition.
- Tewari, J. (2016). Hotel Front Office: Operations and Management. Oxford University Press; Second edition.
- Verret, C. (2008). Hotel Sales and Revenue Management Book 2.0. iUniverse publication.
- Yadav, M. K. (2014). Hotel Front Office- Management & Operations. Aman Publications; 2 edition.

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	2	3	2	2	2	2	2	2
Co 2	2	2	1	1	1	1	2	1
Co 3	1	2	2	1	1	1	2	1
Co 4	1	3	2	1	1	2	2	1
	1.5	2.5	1.75	1.25	1.25	1.5	2	1.25

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	2	2	2	2	2
Co 2	3	2	2	3	2
Co 3	1	1	2	1	2
Co 4	1	2	3	2	2
	1.75	1.75	2.25	2	2

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
Co 1	2	3	2	2	2	2	2	2	2	2	2	2	2
Co 2	2	2	1	1	1	1	2	1	3	2	2	3	2
Co 3	1	2	2	1	1	1	2	1	1	1	2	1	2
Co 4	1	3	2	1	1	2	2	1	1	2	3	2	2
	1.5	2.5	1.75	1.25	1.25	1.5	2	1.25	1.75	1.75	2.25	2	2

DSE-11 B: SAFETY, SECURITY AND TRAVEL DOCUMENTATION		
Credits -04 External Marks -64 Internal Marks -16 TotalMarks-80		
Course objectives (CO) CO 1 Learn to deal with emergency situations related with safety and security of guest in the Hotel. CO 2 Ready to understand role of Government and UNWTO in ensuring safety and security for Tourist CO3 Develop the ability to understand the travel documentation for the tourist CO4 Able to recognize various types of VISA for out bound tourist and in bound		
Unit – 1	Safety Security and Hotels: Understanding Safety & Security, Differentiation between safety and security, Security Departments in Hotels, Guidelines for Security in Hotels, Best Practices in Indian Hotels, Dealing with Emergencies - Fire, Death, Crisis Management, Disaster Management, The Case of Taj & Oberoi at Mumbai.	CO1
Unit – 2	Unit – 2 Safety Security and Tourist Destinations: Understanding the destination images from tourist perspective, Understanding Tourist Security, its importance and impact of tourism industry, Role of the media in influencing consumer perceptions of travel safety, Consumer awareness of travel advisories and their influence on behaviour. Challenges with Destinations security in India. Common problems & Challenges with hotel Security. Security issues at airports, railway stations, single woman travellers in India. Tourist Police & Its Role, Role of Ministry of Govt of India, UNWTO Guidelines/ Advises on Safety and Security, International Issues on Tourist Security, Role of	CO2

	insurance in the travel industry	
Unit – 3	Travel Documentation: Introduction to Travel Documentation, Documentation required while leaving and entering into India. Passport its types and procedures to obtain an Indian passport, Currency Regulations and Concept of Basic Travel Quota (BTQ), Custom Regulations, Health Certificates, Insurance and Immigration.	CO3
Unit – 4	Understanding VISA and Permits Understanding the concept of VISA its types, Categories in which India give Visa to foreign tourists. Visa Requirements and procedure to obtain tourist visa for Singapore, UK, USA and Australia. Restricts and Special area permits for foreign tourists in India and their procedures to obtain. VISA on Arrival Scheme of Govt of India	CO4

SUGGESTED READINGS

- Tourism Security: Strategies for Effective Managing Travel Risk and Safety By Peter Tarlow
- Safety and Security in Tourism Relationships, Management and Marketing By C. Michael Hall, Dallen J. Timothy and David Timothy Duval.

- Tourism, Security and Safety (The Management of Hospitality and Tourism Enterprises)
-
- Yoel Mansfeld & Abraham Pizam

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
CO 1	1	2	1	2	2	1	1	2
CO 2	1	1	2	2	2	3	1	2
CO 3	1	2	3	2	3	3	3	2
CO 4	1	1	3	1	1	2	3	1
	1	1.5	2.25	1.75	2	2.25	2	1.75

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	3	2	3	2	3
Co 2	2	1	2	2	3
Co 3	1	1	2	1	1
Co 4	1	1	1	1	1
	1.75	1.25	2	1.5	2

**MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC
OBJECTIVE**

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO 4	PSO 5
CO 1	1	2	1	2	2	1	1	2	3	2	3	2	3
CO 2	1	1	2	2	2	3	1	2	2	1	2	2	3
CO 3	1	2	3	2	3	3	3	2	1	1	2	1	1
CO 4	1	1	3	1	1	2	3	1	1	1	1	1	1
	1	1.5	2.25	1.75	2	2.25	2	1.75	1.75	1.25	2	1.5	2

DSE-11 B: LAUNDRY MANAGEMENT		
Credits –04 External Marks -64 Internal Marks -16 TotalMarks-80		
COURSE OBJECTIVES: Co 1 : Knowledge About The laundry Co 2 : Familiarizing With Laundry Planning & Operations: Co 3 : Ability To Managing Guest Laundry Co 4 : Knowledge about Emerging Trends in laundry.		
UNIT- I	<ul style="list-style-type: none"> • The Concept, Importance, Organization Structure, • Key Roles & People, , • Functions of a Laundry, • Professional Laundry Set Up, • Linen Room, Uniform Room, Tailor Room, Setups & Functions, • Equipments Used in laundry, Their Salient Features, • Laundry Chemicals, • Laundry Do's and Don'ts, • On Premises Laundry, • Off Premises Laundry, • Commencing the Day's Work - Briefing, De Briefing, Day Schedules. 	CO 1
UNIT- II	<ul style="list-style-type: none"> • The Space, Requirements, Water and Energy Supply & provisions, • Financial Aspects, Staff Patterns, Target Clientele, • Location, Design, • The Laundry Cycle: The collection of linen, sorting, tagging, washing, drying, ironing, storing, mending, discarding, process and precautions. • Hotel Laundry Services, Records & Registers 	CO 2
UNIT-III	<ul style="list-style-type: none"> • Valet Services: Collecting Guest laundry and returns, Do's and Don'ts; • Handling guests Linens, Stains & Removals, • Wash Care Instructions, Ironing and Dry Cleaning Instructions & Practices, • Mending and Repairs, Damages and Color Bleedings, • Pricing, • Guest Communication & interactions, • Promotional Strategy, • Effective Customer Service. 	CO 3

UNIT- IV	<ul style="list-style-type: none"> • Best Practices, • Environmental Aspects, • Energy Conservation, • Ergonomics, • Effective Communications & Coordination, • Applications of Technology Out Sourcing, • New Techniques , • Information Systems, • Inventories and Audits, • Global Practices, • Legal and Ethical Issues in Laundry Services, • Quality Assurance <p>Practical</p> <ul style="list-style-type: none"> ▪ Layout of Linen and Uniform Room/Laundry ▪ Laundry Machinery and Equipment ▪ Stain Removal ▪ Selection and Designing of Uniforms ▪ Visit to a professional Laundry 	CO4
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SUGGESTED READINGS:

- Accommodation & Cleaning Services, Vol. I & II, David, Allen, Hutchinson
- Hotel and Catering Studies – Ursual Jones
- Hotel House Keeping – Sudhir Andrews Publisher: Tata Mc Graw Hill
- Hotel Housekeeping Operations & Management – Reghubalan, Oxford University Press.
- Management of Hotel & Motel Security (Occupational Safety and Health) By H. Burtein, Publishers: CRC

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	2	2	2	1	2	1	2	1
Co 2	2	2	1	1	1	1	2	1
Co 3	2	2	1	1	1	1	3	1
Co 4	3	2	2	1	1	2	3	1
	2.25	2	1.5	1	1.25	1.25	2.5	1

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	3	3	2	2	2
Co 2	3	2	2	3	1
Co 3	2	2	1	2	1
Co 4	3	3	1	3	1
	2.75	2.5	1.5	2.5	1.25

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	2	2	2	1	2	1	2	1	3	3	2	2	2
Co 2	2	2	1	1	1	1	2	1	3	2	2	3	1
Co 3	2	2	1	1	1	1	3	1	2	2	1	2	1
Co 4	3	2	2	1	1	2	3	1	3	3	1	3	1
	2.25	2	1.5	1	1.25	1.25	2.5	1	2.75	2.5	1.5	2.5	1.25

DSE-12A: BAKERY MANAGEMENT		
Credits –04 External Marks -64 Internal Marks -16 TotalMarks-80		
COURSE OBJECTIVES: <ul style="list-style-type: none"> - Co 1:Developing an understanding for bakery. - Co 2: Illustrating practical and problems in Bread and Rolls - Co 3: Understanding the basics of Sweet Yeast Dough Products, Doughnuts and Crullers - Co 4:Creating awareness for Pastries, Cakes and Cake Specialties. 		
UNIT- I	Bakery Introductions: Basic Ingredients: Sugars; Shortenings; Eggs; Wheat and Flours; Milkand Milk Products; Yeast; Chemical Leavening Agents; Salt, Spices, and Flavourings;Cocoa and Chocolate; Fruits. Professional Bakery Equipments&Tools, Production Factors; Staling.	CO 1
UNIT- II	Bread and Rolls: Overview of Production; Common Problems; White Pan Bread ; Pullman,Split-top, and Round Split Breads; French and Italian Breads and Rolls; Vienna Bread;Bolillos; Pan de Agua; Egg Bread and Rolls; Hard Roll Varieties; Soft Roll Varieties; Pan deSal; Rye Bread Varieties; Cornmeal Bread; Whole Wheat Bread; Raisin Bread; CheeseBread; Indigenous Breads of India; Middle Eastern Pita Bread	CO 2
UNIT-III	Sweet Yeast Dough Products: Danish Pastry; Buns; Coffee Cake Dough Products;Specialty Rolls and Yeast-Raised Cakes; Croissants; Doughnuts and Crullers: Preparationfor Frying; Finishing Doughnuts; Use of Prepared Mixes; Yeast-raised Doughnuts; CakeDoughnuts; Combination Doughnuts; Whole Wheat Doughnuts; Common Problems withDoughnuts and Crullers.	CO 3
UNIT- IV	Pastries: Short Dough Pastries; Puff Pastries; Common Problems with Puff Pastries; Eclairsand Cream Puffs; Common Problems with Eclairs and Cream Puffs; Cream Cheese DoughProducts; Icings and Cream and Whipped Toppings: Icings; Cream Toppings; WhippedToppings. Cakes and Cake Specialties: Cake Production; Common Problems with CakeProduction; Creamed Cakes; Common Problems with Creamed Cakes; Whipped Cakes;Common	CO 4

	<p>Problems with Sponge Cakes</p> <p>PRACTICAL</p> <ul style="list-style-type: none">· Bakery Planning – The Chefs Role· Professional Bakery Layout & Organisations· Bakery Operations : Dishes Preparations to supplement theory syllabus· Safety & Security Practices & Bakery· Equipment and Tools, Hygiene Management in Bakery Operations	
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SUGGESTED READINGS

- Practical Baking, 5th Edition by William J. Sultan Wiley Publications
- Baking and Pastry: Mastering the Art by The Culinary Institute of America, Wiley Publications
- In the Hands of a Baker <http://www.ciaprochef.com/>
- Baking by MarhaDey , www.hermehouse.com
- The Golden Book of Baking by barronsduc www.barronseduc.com

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO

	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	2	2	3	1	1	1	3	2
Co 2	2	2	3	1	1	2	3	2
Co 3	2	2	3	1	1	2	3	2
Co 4	2	2	3	1	1	2	3	2
	2	2	3	1	1	1.75	3	2

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	3	2	2	3	1
Co 2	3	2	2	3	1
Co 3	3	2	2	3	1
Co 4	3	2	2	3	1
	3	2	2	3	1

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PO-PSO

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
Co 1	2	2	3	1	1	1	3	2	3	2	2	3	1
Co 2	2	2	3	1	1	2	3	2	3	2	2	3	1
Co 3	2	2	3	1	1	2	3	2	3	2	2	3	1
Co 4	2	2	3	1	1	2	3	2	3	2	2	3	1
	2	2	3	1	1	1.75	3	2	3	2	2	3	1

DSE-12A: FOREIGN CUISINE (THEORY)

Credits –04

External Marks -64

Internal Marks -16

TotalMarks-80

COURSE OBJECTIVES:		Theory: 4 Credits Total Hours =60
Co 1 : To gain knowledge of Larder department. Co 2 : To learn and familiarizing with food presentation techniques, sandwiches and role of garnishes Co 3 : To be able to understand French cuisine , Mexican & Italian cuisine Co 4 : To get knowledge of Lebanese, Chinese ,Japanese & Thai cuisine		
UNIT-I	Larder- Layout & Equipment: Introduction of Larder Work, Definition, Equipment found in the larder, Layout of a typical larder with equipment and various sections. Yield Testing. Duties and Responsibilities of The Larder Chef: Functions of the Larder, Hierarchy of Larder Staff, Sections of the Larder, and Duties & Responsibilities of a larder Chef.	CO 1
UNIT-II	Food Presentation Principles: Basic presentations, Modern perspectives, Use of technology, Use of contemporary plates, Role and use of garnish, Unconventional garnishes, Plate Presentation techniques. Sandwiches- Parts of Sandwiches, Types of Bread, Types of filling: Classification, Spreads and Garnishes, Types of Sandwiches, Making of Sandwiches, Storing of Sandwiches.	CO 2
UNIT-III	Introduction to French cuisine , Mexican & Italian cuisine : <ul style="list-style-type: none">• Historical Background,• Regions &Regional Cooking Styles,• Equipment & utensils,• Ingredients & Dishes• Staple food with regional Influences	CO 3
UNIT-IV	Introduction to Lebanese, Chinese ,Japanese & Thai cuisine : <ul style="list-style-type: none">• Historical Background,• Regions &Regional Cooking Styles,• Equipment & utensils,• Ingredients & Dishes• Staple food with regional Influences	CO4

TEXT BOOKS:

- The Professional Chef (4th Edition) By Le Rol A.Polsom
- Theory of Catering By Kinton & Cessarani
- Nita Mehta – Italian Vegetarian Cookery, Snab Publishers.

- Alberto Capatti - Arts and Traditions of the Table: Perspectives on Culinary History, Columbia University Press
- Italian Cooking by Sanjeev Kapoor
- Ken Hom – Chinese Cookery, BBC Books
- Fuchsia Dunlop - The Revolutionary Chinese Cookbook, Ebury Press
- Eileen Yin-Fei Lo – Mastering the Art of Chinese Cooking, Chronicle Books
- Su Hwei Huang, Lai Yen-Jen – Chinese Cuisine, Wei-Chuan Publishing
- E N Anderson – The Food of China, Yale University Press
- Parvinder S Bali – International Cuisine & Food Production – Oxford University Press
- Theory of Cookery By K Arora, Publisher: Frank Brothers

REFERENCE BOOKS:

- Accompaniments & Garnishes from waiter, Communicate: Fuller J. Barrie & Jenkins
- Modern Cookery (Vol-I) By Philip E. Thangam, Publisher: Orient Longman
- Practical Cookery By Kinton & Cessarani
- Professional Cooking By Wayne Gisslen, Publisher Le Cordon Bleu
- Purchasing Selection And Procurement For The Hospitality Industry By Andrew Hale Feinstein And John M. Stefanelli
- The Professional Chef (4th Edition) By Le Rol A.Polsom
- The Professional Pastry Chef, Fourth Edition By Bo Friberg Publisher: Wiley & Sons INC
- Larder Chef By M J Leto & W K H Bode Publisher: Butterworth- Heinemann
- Practical Professional Cookery By Kauffman & Cracknell

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO

	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	1	1	2	1	1	2	3	1
Co 2	1	1	2	1	1	2	3	1
Co 3	1	2	2	1	1	2	3	1
Co 4	1	1	2	1	1	1	3	2
	1.	1.25	2	1	1	1.75	3	1.25

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	3	3	1	2	2
Co 2	3	2	1	2	1
Co 3	3	3	2	3	3
Co 4	3	3	3	2	2
	3	2.75	1.75	2.25	2

**MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC
OBJECTIVE**

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	1	1	2	1	1	2	3	1	3	3	1	2	2
Co 2	1	1	2	1	1	2	3	1	3	2	1	2	1
Co 3	1	2	2	1	1	2	3	1	3	3	2	3	3
Co 4	1	1	2	1	1	1	3	2	3	3	3	2	2
	1.	1.25	2	1	1	1.75	3	1.25	3	2.75	1.75	2.25	2

SEMESTER VIII

6 Months On – the Job Training (OJT)
(Duration of exposure: 20 – 22 weeks)

SEMISTER – VIII

INDUSTRIAL EXPOSURE - II (On the Job Training)

The objective of Industrial Exposure is to facilitate learners with skills & practices of trade so as to supplement their theory and practical inputs of semester VII and enable them to Industry Ready.

Duration of Exposure: 20-22 weeks

Leave Formalities:

1 weekly off and festivals and national holidays given by the hotel 10 days medical leave supported by a medical certificate. Leave taken must be made up by doing double shifts or working on weekly offs. Attendance in the training would be calculated on the basis of Certificate issued by Training Manager/ HR Manager/ Concerned Officer of the unit trained in. Industrial Exposure will require an input of 100-120 working days (20 weeks x 06 days = 120 days). Students who are unable to complete a minimum of 90 days of industrial training would be disallowed from appearing in the term and examinations. Students who complete more than 90 days of industrial exposure but are unable to complete minimum 120 days due to medical reasons may make good during the vacations. Such students will be treated as 'absent' in industrial training and results. The Industry Exposure in VIII semester necessarily needs to be in an approved hotel equivalent to three star or above/ Heritage or other such good property related to Hospitality, Travel, Tourism, Recreation, Leisure or other such organisation. Prior written approval needs to be taken from the programme coordinator/ Convenor/ H.O.D for Industrial exposure from parent Institute.

Training Schedule:

The VIII Semester shall be supplemented by on the job training in Seventh Semester. Total weeks: 20-22 weeks. The Units imparting industrial exposure shall conduct formal induction

sessions and emphasis on personality skills to facilitate the learners on Writing Skills for Hospitality (Writing of Industrial Reports/ Hospitality Operation Software Skills/ Trade Presentation Skills, Human Resource Practices Safety, Security and Travel Documentation Facilitation Management Practices while acquainting the learners with skills of trade of their choice. It may please be noted that for this semester the number of credits assigned is 20. Being practical oriented the number of hours input per week comes as 40 hours per week.

Academic Credits for training shall be based on following

Log books and attendance, Appraisals, Report and presentation, as applicable All candidates must ensure that the log books and appraisals are signed by the departmental/ sectional heads as soon as training in a particular department or section is completed. They are also advised to make a report in accordance to their curricula for VIII Semester. A PowerPoint presentation (based on the report) Should be made. This will be presented in front of a select panel from the institute and the industry. It should be made for duration of 10 minutes. Marks will be awarded on this. The presentation should express the student's experiences in the department and what has he learned/ observed. (*Refer to What to Observe Sheets for more details.*)

The Report will be submitted in the form specified as under:

- a) The typing should be done on both sides of the paper (instead of single side printing)
- b) The font size should be 12 with Times New Roman font.
- c) The Training Report may be typed in 1.5 line spacing.
- d) The paper should be A-4 size.
- e) Two copies meant for the purpose of evaluation may be bound in paper- and submitted to the approved authority.

Students have to submit the following on completion of industrial training to the faculty coordinator at the institute:

- 1. Logbook.;
- 2. Appraisal;
- 3. A copy of the offer letter and industry exposure/ Job Training Certificate.
- 4. Report in view of requirements of VIII semester.

5. Power Point presentation on a CD, based on the report.
6. Attendance sheet.
7. Leave card.

For distribution of marks refer to details on Course structure/ Credit Distribution During the tenure of Industrial Exposure, apart from carrying out the assigned jobs, The learners are suggested to make the following observations in the departments of Industry:

WHAT TO OBSERVE

Points that will be Common for all students of VIII semester in each discipline

1. Standard operation/ Operating Procedure
2. Who is Who- Key people in the Core Group
3. Hierarchy Chart
4. Key Personnel
5. Job Description
6. Employee Recruitment/Retaining/ Welfare Policies (Break-Timings)
Duty hours, Weekly off
7. Working Condition
8. Situation handling procedures
9. Certifications from various Institutions like Licensing/ NoC etc.
10. Operation Timings
11. Duty Roaster
12. Communication Channels
13. Uniform codes
14. Forms & Formats
15. Record Keeping & Systems

WHAT TO OBSERVE

Writing Skills for Hospitality (Writing of Industrial Reports/ Hospitality Operation

Software Skills/ Trade

Presentation Skills

1. Hotel/ Business Communications

2. Email & Web Applications
3. Software Operations
4. Professional Presentations
5. Annual Reports
6. Appraisals
7. Inter Office Communications
8. Intra Office Communications
9. Formal Telephonic Conversations
10. Interacting with Customers/ Seniors/ Colleagues/ Juniors
11. Writing & Presentations of Reports

WHAT TO OBSERVE

1. Organisation Mission/ Vision/ Values
2. The Human Resource Divisions
3. Human Resource Roles,
4. HR Challenges
5. Manpower Planning Process,
6. Managing Workers
7. Recruitments – Policy & Techniques
8. Group Expectations from New Employees
9. Learning & Development,
10. Training Practices & Methods
11. Organizational Culture
12. Managing Employee Performance
13. Employee Motivation,
14. Job Satisfaction
15. Organizational Culture
16. Disciplinary Action
17. Innovative Practices in Units/ Group

WHAT TO OBSERVE

Safety, Security and Travel Documentation Facilitation Management Practices

1. Safety & Security
2. The Structure & Key People
3. Best Practices
4. Security Policy & Guidelines in the Organisation
5. Dealing with Emergencies - Death, Crisis Management, and Disaster Management.
6. Fire Fighting
7. Interacting with Media
8. Any incidents reported

WHAT TO OBSERVE

Retail Management:

1. Type of Service
2. Type of Cliental
3. Source of Cliental
4. The Layout (Interior/theme)
5. Operation Procedure
6. Turn-over ratio
7. Raw material intending/ procuring procedure
8. Duties & Responsibility of staff
9. The Operating hours
10. Services/inventions offered
11. Budget/ Financial position
12. Employee Recruitment policy
13. Employee Retaining policy
14. Sales/Marketing Team or policies/activities
15. Employee Training/Technology Updation facilities
16. Discount/Compensation facility or authority
17. Standard/signature products

WHAT TO OBSERVE

Event Management:

1. Source of Events/Business

2. Duties & Responsibilities of staff
3. Marketing Techniques
4. Procedure for planning events
5. Various check list
6. Stores/Storage of Equipments
7. Sources of Manpower
8. Handling/Communication Procedure
9. Products/Brands use by the company
10. Working hours/Environment
11. Best Practices followed by company
12. Finance Handling

WHAT TO OBSERVE

DSE 8B Laundry Management:

1. Types of Laundry- location
2. Operation Timing
3. Equipment used (Brand/ Specification)
4. Chemicals
5. Sources of Material/ Type of Material
6. Standard laundry Procedures
7. Standard Laundry cycle
8. Laundry collection/ Distribution channel
9. Standard price
10. Source of Energy/Water
11. Policy for damage

WHAT TO OBSERVE

Food Service Management:

1. Technology used by Management
2. Management Techniques
3. Inventory/Issuing/Receiving System
4. Billing/ Ordering Procedure

5. Types of Meal & Timing
6. Responsibility of staff
7. Procurements Techniques
8. Cover/ Person that are accommodated during meal hours
9. Structure of Institution
10. Cleaning / Maintenance procedure
11. Timing of operation
12. Standard Service Timing
13. Waste Management
14. Type of Equipment used/Specification
15. Inventory system / Procedure
16. Reservation Procedure
17. Specialty of Outlet

WHAT TO OBSERVE

Accommodation Management:

1. Total No's of Rooms/Area provided for accommodation
- A. Star Category
2. Reservation Procedure
3. Operation Timing
4. Cleaning Schedule (Daily/weekly/Spring)
5. Services/facilities provided by Management
6. Staff Structure/Shift Timing
7. Co-ordination between the staff/dept.
8. Discount
9. Billing procedure
10. Staff structure
11. Various formats used by departments
12. Facilities/ amenities provided in Room

WHAT TO OBSERVE

Culinary Management:

1. Source of Manpower
2. Area/Layout of kitchen
3. Indenting/Receiving/Storing Procedure
4. Standard formats/Certificate required for Institution
5. Various equipment (Small/Large) required for dept.
6. Types of Menu/Cuisine
7. Procurement of Raw Material.
8. Standard Recipes
9. Preparation Technologies
10. Waste Management
11. Type of Cooking method
12. Standard serving /preparation timing
13. Various practices followed during peak/lean Timing/hours
14. Signature dishes

WHAT TO OBSERVE

Bakery Management:

1. Area/Layout
2. Equipments required
3. Various preparation/Menu
4. Operation hours
5. Standard Recipe
6. Issuing/Receiving Procurements
7. Standard Receiving/sale procedure
8. Waste Management

WHAT TO OBSERVE

Front Office Management:

1. Total No. of Rooms and facilities
2. Tariff structure/Rack Rates/Discounts
3. Reservation Types/Mode

4. Reservation Procedure
5. Reservation Sources
6. Reception/Receiving Procedure
7. Co-ordination/ intra department relationship
8. Various check-in procedure
9. Standard phrase of Common
10. Policies/Procedure for
 - a) No show
 - b) Scanty Baggage
 - c) Single lady
 - d) VIP
 - e) Groups/ lay over
11. Various Reports
12. Coordination with House-Keeping / F&B/ Production Team/Dept.
13. Billing/Financial policies
14. Foreign guest handling
15. Various sub-units/departments
16. Emergency handling procedure
17. Guest/Staff Communication Channels
18. Local information/
19. Post. Departure formalities

WHAT TO OBSERVE

Foreign Cuisine:

1. Experts foe cuisine
 2. Availability of Raw Material
- A. Bases of Cuisines
 - B. Base of species
 - C. Base of popular
 - D. Base of Food/Dishes
 - E. Seasonal Dishes

3. Availability of Equipments
4. Understand the Language/Mark
5. Operating hours
6. Standard Recipes
7. Availability of Manpower
8. Setting up of Menu
9. Local ethics/ Religious Requirement
10. Promotion of Cuisine
11. Waste Management
12. Storage/ Preparation Technologies, Various Spices

**Bachelors in Tourism Management Programme
(BTM Programme)
under
Choice based credit system (CBCS)**

An undergraduate degree in Bachelors in Tourism Management Programme (BTM Programme) under Choice based credit system (CBCS) will be awarded if the student complete **16 Core courses / papers** in the discipline, **3 AECC courses, 4 SECcourses** and **06 DSE courses / papers**.

Proposed syllabus Structure of Bachelors in Tourism Management Programme (BTM Programme) under Choice based credit system (CBCS)

Semester	CORE COURSE (CC) @6 CREDITS	Ability Enhancement Compulsory Courses (AECC) @2 CREDITS	Skill Enhancement Courses (SEC) @2 CREDITS	Discipline Specific Elective (DSE) @6 CREDITS
1 st	CC-1A (English)	AECC-1 Functional English/ Environmental Studies		
	CC-2A			

	CC-3A			
	CC-4A			
2 nd	CC-1B (English)	AECC-2 Functional English/ Environmental Studies		
	CC-2B	AECC-3 Functional Hindi		
	CC-3B			
	CC-4B			
3 rd	CC-1C (English)		SEC-1 Writing of Tourism FIELD TRIP REPORT & VIVA VOCE	
	CC-2C			

	CC-3C			
	CC-4C			
4 th	CC-1D (English)		SEC-2 Communication Skills and Personality Development / MOOC	
	CC-2D			
	CC-3D			
	CC-4D			
5 th			SEC-3 (Writing of Industrial Report) On –the-job training Report & Viva- Voce	DSE-1A
				DSE-2A
				DSE-3A

6 th			SEC-4 Tourism in Media	DSE-1B
				DSE-2B
				DSE-3B

Total credit hours for Bachelors in Tourism Management Programme (BTM Programme) under Choice based credit system (CBCS)

Course	Number of courses	Contact hrs	Credits
Core Course (CC)	16	5+1 (16x6=96)	96
Ability Enhancement compulsory course (AECC)	3	2 (3x2=6)	6
Skill Enhancement course (SEC)	4	2 (4x2=8)	8
Discipline Specific Elective Course (DSE)	6	5+1 (6x6=36)	36
Total	29	146 hrs	146 credits

*5 teaching hours

*1 tutorial

BTM

(Detail Syllabus)

w.e.f

Session: 2020-2023

Semester	Course	Paper	Nomenclature of the paper	Credits			Internal Marks	External Marks	Total
1st					Theory/teaching hours	Tutorial /practicals			
	AECC-1		Functional English/ Environmental Studies	2	2		10	40	50
	CC-1A		English	6	5	1	30	120	150
	CC-2A	BTM 101	Introduction to Tourism Business	6	5	1	30	120	150
	CC-3A	BTM 102	Geography of Tourism	6	5	1	30	120	150
	CC-4A	BTM 103	Tourism Product of India (Cultural)	6	5	1	30	120	150
			Total	26					
2nd									
	AECC-2		Functional English/Environmental Studies	2	2		10	40	50
	AECC-3		Functional Hindi	2	2		10	40	50

	CC-1B		English	6	5	1	30	120	150
	CC-2B	BTM 201	Transport and Tourism	6	5	1	30	120	150
	CC-3B	BTM 202	Tourism Documentation	6	5	1	30	120	150
	CC-4B	BTM 203	Haryana Tourism	6	5	1	30	120	150
			Total	28					
3rd									
	SEC-1		Writing of Tourism FIELD TRIP REPORT & VIVA VOCE	2	2		10	40 (Viva- Voce)	50
	CC-1C		English	6	5	1	30	120	150
	CC-2C	BTM 301	Hotel Business	6	5	1	30	120	150
	CC-3C	BTM 302	Guiding and Escorting skills in Tourism	6	4		20	80	100 150

		BTM 303	Guiding and Escorting skills in Tourism (Practical)		2		10	40 (Viva Voce)	50	
	CC-4C	BTM 304	Computer Applications in Tourism	6	4		20	80	100	150
		BTM 305	Computer Applications in Tourism (Practical)		2		10	40 (Viva- Voce)	50	
			Total	26						
4th										
	SEC-2		Communication Skills and Personality Development / MOOC	2	2		10	40	50	
	CC-1D		English	6	5	1	30	120	150	
	CC-2D	BTM 401	Development Agencies (Promoters) in Tourism	6	5	1	30	120	150	
	CC-3D	BTM 402	Tourism Marketing	6	5	1	30	120	150	

	CC-4D	BTM 403	An Introduction to Travel Agency & Tour Operation Business in India	6	5	1	30	120	150
			Total	26					
5th					.				
	SEC-3		(Writing of Industrial Report) On –the-job training Report & Viva-Voce	2	2		10	40 (Viva- Voce)	50
DSE-1A		BTM 501	International Tourism Destinations – Europe & North America	6	5	1	30	120	150
		OR							
		BTM 502	Adventure Tourism- Air Based	6	5	1	30	120	150
		BTM 503	Salesmanship in Tourism	6	5	1	30	120	150

DSE-2A		OR							
		BTM 504	Business Laws in Tourism	6	5	1	30	120	150
DSE-3A		BTM 505	Impacts of Tourism	6	5	1	30	120	150
		OR							
		BTM 506	Researching in Tourism	6	5	1	30	120	150
			Total	20					

6th									
	SEC-4		Tourism in Media	2	2		10	40	50
DSE-1B		BTM 601	International Tourism – Asia & Australia	6	5	1	30	120	150
		OR							
		BTM 602	Adventure Tourism – Water & Land Based	6	5	1	30	120	150
DSE-2B		BTM 603	Entrepreneurship in Tourism	6	5	1	30	120	150
		OR							
		BTM 604	Corporate Laws in Tourism	6	5	1	30	120	150

DSE-3B	BTM 605	Sustainable Tourism	6	5	1	30	120	150
	OR							
	BTM 606	Project Work	6	5	1	30	120 (Seminar)	150
		Total	20					

CC- Core, T-Theory, P- Practical, Tu. – Tutorial, C-Credits, AECC - Ability Enhancement Compulsory Course, DSE – Discipline Specific Elective

Total credits= 26+28+26+26+20+20=146

Teaching credits = 22+24+24+22+17+17 = 126

Total Marks = 650+700+650+650+500+500 = 3650

CC-2A BTM-101 INTRODUCTION TO TOURISM BUSINESS		
		Credits – 5+1 External Marks - 120 Internal Marks - 30 Total marks – 150
COURSE OBJECTIVES: Co 1 : Familiarizing with basic concept and terminology used in Tourism Co 2 : Knowledge of various Types of Tourism and Factors of Development of Tourism Co 3 : Ability to identify different Components of Tourism Co 4 : Knowledge of various Tourism Services and Tourism Chain		
UNIT- I	Basic Concept and Terminology used in Tourism: <ul style="list-style-type: none"> • Meaning and Nature of Tourism • Concept and terminology in Tourism Tourism; Tourist; Tourism Market; Tourism Resources; Tourism Product; Destination; Recreation; Pleasure and relaxation 	CO 1
UNIT- II	Types of Tourism and Factors of Development of Tourism: <ul style="list-style-type: none"> • Types and Characteristics of Tourism • Motivations in Tourism - Push and Pull factors 	CO 2
UNIT-III	Components of Tourism: <ul style="list-style-type: none"> • Transportation: Types and their significance for tourism • Accommodation: Types and their significance for tourism • Travel Agencies & Tour Operators: Types and their significance for tourism 	CO 3
UNIT- IV	Tourism Services and Tourism Chain: <ul style="list-style-type: none"> • Tangible and intangible services in tourism sector • Tangible and Intangible services in Hotel sector • Tourism Chain: Vertical and Horizontal Integration 	CO4

REFERENCE :

- Christopher J. Holloway- The Business of Tourism Macdonald and Evans.
- A.K. Bhatia- Tourism Development Principles and Practices Sterling Publishers, New Delhi.
- Anand M.M.- Tourism and Hotel Industry in India: Sterling Publishers, New Delhi.
- Kaul R.H. Dynamics of Tourism: A Terilogy, Sterling Publishers, New Delhi.
- Malra R.-Fundamentals of Tourism, Amiga Press, Delhi

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	3	1	2	1	1	1	2	1
Co 2	3	2	2	1	2	3	1	3
Co 3	3	2	2	2	1	1	3	1
Co 4	3	1	2	1	2	2	3	2
	3	1.50	2	1.25	1.50	1.75	3	1.75

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	3	3	3	2	2
Co 2	3	3	3	2	2
Co 3	3	3	3	2	2
Co 4	3	3	3	2	2
	3	3	3	2	2

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
Co 1	3	1	2	1	1	1	2	1	3	3	3	2	2
Co 2	3	2	2	1	2	3	1	3	3	3	3	2	2
Co 3	3	2	2	2	1	1	3	1	3	3	3	2	2
Co 4	3	1	2	1	2	2	3	2	3	3	3	2	2
	3	1.50	2	1.25	1.50	1.75	3	1.75	3	3	3	2	2

CC-3A BTM-102 GEOGRAPHY OF TOURISM		
Credits – 5+1 External Marks - 120 Internal Marks - 30 Total marks – 150		
COURSE OBJECTIVES: CO 1: Introducing about physiography of India with special reference to mountain tourism. CO 2 : Knowledge of the central plains and its prospects for tourism development CO 3 : Familiarizing with the peninsula and its tourism significance CO 4 : Knowledge about the coastal plains and islands and its tourism importance:		
UNIT- I	General Introduction about Physiography of India with special reference to Mountain Tourism <ul style="list-style-type: none"> India: General Introduction of physiographic units. The Northern Mountains: General introduction of the Himalayas & other ranges, their importance for religious, hill station & adventure tourism. A case study of Sri Nagar, Shimla, Nainital, Darjeeling & Gangtok. 	CO 1
UNIT- II	The Central Plains and its prospects for Tourism Development <ul style="list-style-type: none"> The Central Plains: General introduction of deserts & central plains, their importance for cultural, religious & adventure tourism. A case study of Amritsar, Jaipur, Delhi, Lucknow, Kolkata. 	CO 2
UNIT-III	The Peninsula and its Tourism Significance <ul style="list-style-type: none"> The Peninsula: General features of Indian peninsula with their tourism significance. A case study of Bhopal, Khajuraho, Hyderabad, Bangalore, Ooty. 	CO 3
UNIT- IV	The Coastal Plains and Islands and its Tourism Importance: <ul style="list-style-type: none"> The coastal plains and islands: General features of coastal regions, their importance for religious, cultural & beach tourism. A case study of Mumbai, Goa, Cochin, Chennai, Andaman & Nicobar. 	CO4

REFERENCE :

- Ahmad, Aizaz: General Geography of India, NCERT, New Delhi
- Goh Cheong Long: An Economics Atlas of India, Oxford University.
- National Atlas of India, Govt. of India Publication, Calcutta 1997.
- Atlas of World Oxford Press, New Delhi.
- Singh, R.L.(ed) India: A Regional Geography National Geographical Society of India, Varanasi, 1989.
- Manorama Year Book 2009
- India Year Book 2009, Publication Division. Govt. of India, New Delhi
- Tourism Planner
- Tour Brochures etc.
- Lonely Planet – India
- Kumar, Ravi Bhushan: Coastal Tourism & Environment, AOH Publishing Corporation, New Delhi
- Pilgrimage in India, R.N.Pillai
- Kohli, M.S.: Mountaineering in India, Vikas Publishing House, and New Delhi.

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	2	2	2	1	3	3	2	3
Co 2	2	2	2	1	3	3	2	3
Co 3	2	2	2	1	3	3	2	3
Co 4	2	2	2	1	3	3	2	3
	2	2	2	1	3	3	2	3

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	3	2	2	3	2
Co 2	3	2	2	3	2
Co 3	3	2	2	3	2
Co 4	3	2	2	3	2
	3	2	2	3	2

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
Co 1	2	2	2	1	3	3	2	3	3	2	2	3	2
Co 2	2	2	2	1	3	3	2	3	3	2	2	3	2
Co 3	2	2	2	1	3	3	2	3	3	2	2	3	2
Co 4	2	2	2	1	3	3	2	3	3	2	2	3	2
	2	2	2	1	3	3	2	3	3	2	2	3	2

CC-4A BTM-103 TOURISM PRODUCT OF INDIA (CULTURAL)		Credits – 5+1 External Marks - 120 Internal Marks - 30 Total marks – 150
COURSE OBJECTIVES: CO 1: Introducing about concept of culture and its significance for tourism. CO 2 : Knowledge of the Indian Architecture (Buddhist architecture and Hindu architecture) and its tourism significance. CO 3 : Familiarizing with the Indian Architecture (Medieval architecture and Modern architecture) and its tourism importance. CO 4 : Knowledge about the classical dances and music of india. major fairs and festivals of india and their significance for tourism		
UNIT- I	Introduction to Culture <ul style="list-style-type: none"> ● Culture: Concept and its essential Features ● Indian Culture: Fundamentals of Indian Culture; Indian culture through the ages ● Culture and tourism relationship with special reference to India 	CO 1
UNIT- II	Indian Architecture – I <ul style="list-style-type: none"> ●Buddhist Architecture: Ajanta, Ellora and Sanchi ●Hindu Architecture: Khajuraho temples, Sun temple of Konark, Shore temple of Mamallapuram and Brihadisvara temple at Thanjavur 	CO 2
UNIT-III	Indian Architecture – II <ul style="list-style-type: none"> ● Medieval Architecture: TajMahal, Red Fort of Delhi, FatehpurSikri and QutubMinar ● Modern Architecture: Gate Way of India, parliament house, New Delhi. Bahai's Lotus temple in Delhi 	CO 3
UNIT- IV	Classical Dances and Music of India. Major Fairs and festivals of India and their significance for tourism Holi, Dussehra, Diwali, Baisakhi, Pongal, Bihu, Desert festival – Jaisalmer, Surajkund Craft fair, International Trade Fair - New Delhi.	CO4

REFERENCE :

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- Upadhyaya, B.S. 1989, (reprint), Feeders of Indian Culture People,s Publishing House.
- Sharma, Chandradhar, 1991 (reprint), A Critical Survey of Indian Philosophy MotiLalBanarasi Das Publishers, Delhi
- Basham, A.L. 1985 (reprint) The Wonder That was India Rupa& Co., Delhi
- Sivaramamurti, C.2002 (reprint) Indian Painting, National Book Trust, Delhi
- Krishana Deva, 2002 (reprint) Temples of North India. National Book Trust, Delhi
- Pande, G.C. 1990 (2nd ed.) Foundations of Indian Culture, 2 vols. MotiLalBanarasi Das Publishers, Delhi
- Radhakrishnan, S. 1999 (Oxford India Paperbacks), Indian Philosophy, 2 vols. Oxford university press, New Delhi
- Hay,Stephen (Ed.) 1992, Sources of Indian Tradition, 2 vols, Penguin Books, Delhi
- Deshpande, Satish 2003, Contemporary India : A Sociological View, Penguin Books, Delhi
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- Malik, S.C. Understanding Indian Civilization. Indian Institute of Advanced Study, Shimla
- Yogendra Singh, 1997. Social Stratification and Change in India. Manohar New Delhi. The observation made in the Human Development Report provides lose linkage regarding establishment of relationship between economic development and cultural growth.
- Banerji, S.C. 1993. Society in Ancient India, D.K. Printword (P) Ltd., New Delhi AbidHussain, S. 2003 (reprint) The National Cultural of India. National Book Trust, Delhi.
- Dube, Dina Nath, 1993, Bharat KeDurg, Publication Division, Ministry of Information & Broad Casting, Govt. of India, New Delhi
- Samson, Leela, 2002. The joy of Classical Dances of India, National Book Trust, India, New Delhi
- Thomas, P. 1990, Chruches in India, Publication Division, May IPB, GOI, New Delhi
- Desai, Ziyud- din, 1986, Indo-Islamic Architecture, Publication Division, GOI
- Aspects of Indian Music, 2006, Publication Division GOI, New Delhi.

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	2	2	1	3	3	3	2	3
Co 2	2	2	1	3	3	3	2	3
Co 3	2	2	1	3	3	3	2	3
Co 4	2	2	1	3	3	3	2	3
	2	2	1	3	3	3	2	3

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	3	3	2	3	3
Co 2	3	3	2	3	3
Co 3	3	3	2	3	3
Co 4	3	3	2	3	3
	3	3	2	3	3

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
Co 1	2	2	1	3	3	3	2	3	3	3	2	3	3
Co 2	2	2	1	3	3	3	2	3	3	3	2	3	3
Co 3	2	2	1	3	3	3	2	3	3	3	2	3	3
Co 4	2	2	1	3	3	3	2	3	3	3	2	3	3
	2	2	1	3	3	3	2	3	3	3	2	3	3

<p align="center">CC-2B BTM-201 TRANSPORT AND TOURISM</p> <p align="right"> Credits – 5+1 External Marks - 120 Internal Marks - 30 Total marks – 150 </p>		
<p>COURSE OBJECTIVES:</p> <p>CO 1: Introducing about the concept of Transportation sector.</p> <p>CO 2: Understanding about the air transport and water transport.</p> <p>CO 3 : Ability to identify relationship between surface transport and tourism</p> <p>CO 4 : Familiarizing with the relationship between railway and tourism</p>		
UNIT- I	<p>Introduction to Transportation Sector</p> <ul style="list-style-type: none"> • Transportation as important element of tourism industry. • History of different modes of transportation. • The physiographic & socio- economic factors affecting development of different modes of transportation with special reference to India. 	CO 1
UNIT- II	<p>Air Transport and Water Transport</p> <ul style="list-style-type: none"> • Airlines & Tourism, History of Airlines in India. IATA, DGCA: Organizational structures and functions. Air India and Private Airlines. Role of airlines in tourism promotion. • Water transport- Limitation & scope of water transport in India. Cruise ships. The role of water transport in tourism. 	CO 2
UNIT-III	<p>Surface transport & Tourism</p> <ul style="list-style-type: none"> • Importance of surface transportation. • Coaches, Car rental system in India. • Roads system in India: National and State Highways 	CO 3
UNIT- IV	<p>Railway & Tourism</p> <ul style="list-style-type: none"> • History & present status of Indian railway • Special trains for tourists: Different packages & facilities given by Railway. • Problems of Indian Railway. • Role of Railway in tourism. 	CO4

REFERENCE :

- Aggarwal Surinder: 'Travel Agency Management', Communication India, New Delhi
- Hannel Christine, Robert Harshman&Graham Draper- 'Travel & Tourism: A world Regional geography, John Wiley & Sons, New York
- Hurst, Elist, 'Transporation Geography' McGraw Hill, New York
- Mohinder Chand, Travel Agency Management – An Introductory Text. Anmol Publications, New Delhi. 2006
- OAG, Airlines time table
- OAG, Cruise lines time table
- Indian Railway Time table

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	2	2	2	2	1	2	2	3
Co 2	2	2	2	2	1	2	2	3
Co 3	2	2	2	2	1	2	2	3
Co 4	2	2	2	2	1	2	2	3
	2	2	2	2	1	2	2	3

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	3	3	3	1	2
Co 2	3	3	3	1	2
Co 3	3	3	3	1	2
Co 4	3	3	3	1	2
	3	3	3	1	2

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
Co 1	1	2	1	2	1	3	2	3	3	2	2	1	2
Co 2	1	2	1	2	1	3	2	3	3	2	2	1	2
Co 3	1	2	1	2	1	3	2	3	3	2	2	1	2
Co 4	1	2	1	2	1	3	2	3	3	2	2	1	2
	1	2	1	2	1	3	2	3	3	2	2	1	2

CC-3B BTM-202 TOURISM DOCUMENTATION

Credits – 5+1
External Marks - 120
Internal Marks - 30
Total marks – 150

COURSE OBJECTIVES: CO 1: Understanding about Travel Documents required. CO2:familiarizing about the passport. CO 3: Knowledge about tourist VISA. CO 4: Familiarizing with other formalities related to travel.		
UNIT- I	Travel Documents <ul style="list-style-type: none">• Travel Documents- Introduction- Meaning- Need- Significance• Travel Formalities- Passport- VISA Insurance- Immunization Certificates- Immigration & Emigration-Custom Regulations.	CO 1
UNIT- II	Passport <ul style="list-style-type: none">• Passport- Definition, Types, Citizenship- NRI-PIO, Dual Citizenship• Steps in Obtaining Passport- Documents Required to Obtain Passport.	CO 2
UNIT-III	VISA <ul style="list-style-type: none">• Visa- Meaning.• Types of Visa issued by India.• Visa on Arrival• Procedure to follow for obtaining Tourist VISA : Schengen Visa, U.S. Visa, U.K. Visa	CO 3
UNIT- IV	Other Formalities <ul style="list-style-type: none">• Travel and baggage insurance,• Baggage rules• Currency regulation.• Foreign regional registration office.• Health regulations: Vaccination - Yellow fever, Malaria, H.I.V. certificates,	CO4

REFERENCE :

- Tourist information by Department of tourism, Government of India
- Visa formalities of different countries. (See websites of countries)

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	3	3	2	2	3	2	3	3
Co 2	3	3	2	2	3	2	3	3
Co 3	3	3	2	2	3	2	3	3
Co 4	3	3	2	2	3	2	3	3
	3	3	2	2	3	2	3	3

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	3	3	3	1	2
Co 2	3	3	3	1	2
Co 3	3	3	3	1	2
Co 4	3	3	3	1	2
	3	3	3	1	2

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
Co 1	3	3	2	2	3	2	3	3	3	3	3	1	2
Co 2	3	3	2	2	3	2	3	3	3	3	3	1	2
Co 3	3	3	2	2	3	2	3	3	3	3	3	1	2
Co 4	3	3	2	2	3	2	3	3	3	3	3	1	2
	3	3	2	2	3	2	3	3	3	3	3	1	2

CC-4B BTM-203 HARYANA TOURISM

Credits – 5+1
External Marks - 120
Internal Marks - 30
Total marks – 150

COURSE OBJECTIVES:

- Co 1 : Understand the geographical and historical importance of Haryana
Co 2 : Familiarisation with the culture , religion , music and dances of Haryana
Co 3 : Analyse tourist infrastructure in Haryana
Co 4 : Promote tourism in Haryana

UNIT- I	Geographical and historical background of Haryana ; <ul style="list-style-type: none">• Geographical importance of Haryana• Historical importance of Haryana• Religious & cultural tourism potential in Haryana	CO 1
UNIT- II	Tourist Resources of Haryana: <ul style="list-style-type: none">• Monuments of touristic significance in Haryana• Museums in Haryana• Music, dance, fairs & festivals in Haryana	CO 2
UNIT-III	Tourism Infrastructure in Haryana <ul style="list-style-type: none">• Transportation and accommodation sector in Haryana• Recreational and entertainment facilities at the tourism complexes/resorts in Haryana• Haryana Tourism Policy -	CO 3
UNIT- IV	Tourism Trends in Haryana: <ul style="list-style-type: none">• Major types of tourism in Haryana• Major tourist destinations of Haryana• Highway tourism in Haryana	CO4

References :

Archaeological survey of India Monuments and sites in Haryana
(India travelblog.com) Best tourist places in Haryana
K.C. Yadav History of Haryana
Manju Sharma diamond books Mera Haryana
S C Mittal Haryana a historical perspective
Swati Mitra Haryana travel guide Eicher goodearth pvt. Ltd.
Vinay kumar, An archaeological history of Haryana Kaveri books
Haryana tourism policy Haryana Tourism Official Website. Available from: <http://www.haryanatourism.com>

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	3	3	3	3	3	1	3	3
Co 2	3	3	3	3	3	1	3	3
Co 3	3	3	3	3	3	1	3	3
Co 4	3	3	3	3	3	1	3	3
	3	3	3	3	3	1	3	3

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	3	3	3	2	2
Co 2	3	3	3	2	2
Co 3	3	3	3	2	2
Co 4	3	3	3	2	2
	3	3	3	2	2

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
Co 1	3	3	3	3	3	1	3	3	3	3	3	2	2
Co 2	3	3	3	3	3	1	3	3	3	3	3	2	2
Co 3	3	3	3	3	3	1	3	3	3	3	3	2	2
Co 4	3	3	3	3	3	1	3	3	3	3	3	2	2
	3	3	3	3	3	1	3	3	3	3	3	2	2

CC-2C BTM-301 HOTEL BUSINESS

Credits – 5+1
External Marks - 120
Internal Marks - 30
Total marks – 150

COURSE OBJECTIVES:

CO 1 : Introducing about the concept of hotel
CO 2 : Enabling to identify major hotel chains in India
CO 3 : Knowledge about major departments of hotels
CO 4 : Familiarizing with the various forms of ownership of hotels

UNIT - I	Introduction to Hotel <ul style="list-style-type: none">• Relationship between Tourism and Hotel.• Tourism Accommodation: Types of Tourist Accommodation.• Categorization of accommodation sector: Basis and Features.• Role of government in developing hotel Industry.• Challenges in hotel industry• Future of hotel industry in India.	CO 1
UNIT - II	Major Hotel Chains in India <ul style="list-style-type: none">• Growth and development of Hotel Industry.• Case Study of major hotel chains in India :<ul style="list-style-type: none">- The Taj Hotels- The Oberoi Hotels- The ITC Hotels	CO 2
UNIT -III	Major Department of Hotels <ul style="list-style-type: none">• Major departments of hotels:<ul style="list-style-type: none">- Front Office Department- Housekeeping Department- Food & Beverage (Service & Production) Department- Engineering & Maintenance Department- Human Resource Department- Sales & Marketing Department	CO 3
UNIT - IV	<ul style="list-style-type: none">• forms of hotel ownership:<ul style="list-style-type: none">- Sole – Proprietorship- Partnership- Joint stock companies- Referral Organizations- hotel chain- Lease Agreements- Management contracts- Franchise Organizations.	CO4

REFERENCE :

- Negi, Jagmohan: Hotels for Tourism Development (2nd Edition); Metropolitan, New Delhi, 2000.
- Gee, Chuck Y.: International Hotel Management. Educational Institute, America, 1998
- Kaul, R.N.: Dynamics of Tourism: a trilogy. Vol. 2: Accommodation. Sterling Publishers Pvt.Ltd. New Delhi,2001.
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- Anand M.M. – Tourism and Hotel Industry in India: Sterling Publishers, New Delhi
- Madlik, S. – Hotel Business, Heinemann, London
- Brymer, Robert A. –Introduction of Hotel and Restaurant Management: HUB Publication, Co., Iowa, 1984
- John R. Walker : Introduction to Hospitality
- Tiwari, J. R. : Hotel Front Office: Operation and Management, Oxford University Press

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	2	2	2	1	1	1	2	3
Co 2	3	3	3	2	2	2	3	3
Co 3	3	3	3	2	2	3	3	3
Co 4	2	2	3	2	3	3	3	3
	2.50	2.50	2.75	1.75	2	2.25	2.75	3

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	3	3	3	2	2
Co 2	3	3	3	2	2
Co 3	3	3	3	2	2
Co 4	3	3	3	2	2
	3	3	3	2	2

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
Co 1	2	2	2	1	1	1	2	3	3	3	3	2	2
Co 2	3	3	3	2	2	2	3	3	3	3	3	2	2
Co 3	3	3	3	2	2	3	3	3	3	3	3	2	2
Co 4	2	2	3	2	3	3	3	3	3	3	3	2	2
	2.50	2.50	2.75	1.75	2	2.25	2.75	3	3	3	3	2	2

CC-3C BTM-302 GUIDING AND ESCORTING SKILLS IN TOURISM**Credits – 04****External Marks - 80****Internal Marks - 20****Total marks – 100****COURSE OBJECTIVES:**

CO 1 :familiarizing with the basic requirements of an Escort or a Guide

CO 2: Practicing about effective communication skills.

CO 3: Knowledge about various tour arrangements.

CO 4 : Enabling to identify various roles and responsibilities of Escort or Guide.

UNIT- I	Basic Requirements of an Escort or a Guide <ul style="list-style-type: none">• Personal grooming, smartness, proper dress sense, hygiene, pleasing personality, hard working.• Etiquettes- how to welcome a visitor, the traditional style of welcoming in north India.• Knowledge of geography, history, art & culture of the place, latest information about frontier formalities, e.g. passport, VISA, foreign exchange etc.	CO 1
UNIT- II	Communication Skills <ul style="list-style-type: none">• Principles of communications, Verbal and non-verbal, personal and organizational, effective communications, communication gaps and barriers.• Audio- visual aids.• Body language	CO 2
UNIT-III	Pre Tour Preparation <ul style="list-style-type: none">• Pre tour research about place, monuments and itinerary,• Timings of flights& railways.• Bus and cars arrangement at hotels, airports and railway stations.• Reconfirmation of ground arrangement: Group arrival and departure, welcome at airports/ railway station or hotels.	CO 3
UNIT- IV	Role and responsibility of Escort or guide <ul style="list-style-type: none">• Responsibilities: Ethics, helpful attitude. Knowledge of tourism related laws and acts such as passport act, foreigners act, currency regulations, Immigration checks etc.	CO4

REFERENCE :

- Negi, Jagmohan (2007) Tour Guide & Tour Operations: Planning & Organizing, Kanishka Publishers
- Tourist information by Department of tourism, Government of India.
- Visa formalities of different countries. (See websites of countries).
- Asher Mark (1999). *Body Language*, Carlton Books Limited.
- Barker Alan (2007). *Improve Your Communication Skills*, Kogan Page, New Delhi.
- Chaturvedi, P. C. and Chaturvedi, M.(2005). *Business Communication*, Pearson Education.
- Colman. J. C. (1988). *Abnormal Psychology & Modern Life*, Scott Foresman& Company.
- Covey Stephen R. (1990). *The Seven Habits of Highly Effective People*, NY: Fireside/ Simon & Schuster.

CC-3C BTM-303 GUIDING AND ESCORTING SKILLS (PRACTICAL)

Credits – 02

External Marks - 40

Internal Marks -10

Total marks – 50

- Personal Grooming.
- Etiquettes.
- Effective communication skills.
- Body Language
- Tour arrangements

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	3	3	2	3	3	2	2	3
Co 2	3	3	2	3	3	2	3	3
Co 3	3	3	3	2	2	3	3	3
Co 4	3	2	2	3	3	3	3	3
	3	3	2	2.75	2.75	2.50	2.75	3

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	3	3	3	3	3
Co 2	3	3	3	2	2
Co 3	3	3	3	2	2
Co 4	3	3	3	3	3
	3	3	3	2.50	2.50

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
Co 1	3	3	2	3	3	2	2	3	3	3	3	3	3
Co 2	3	3	2	3	3	2	3	3	3	3	3	2	2
Co 3	3	3	3	2	2	3	3	3	3	3	3	2	2
Co 4	3	2	2	3	3	3	3	3	3	3	3	3	3
	3	3	2	2.75	2.75	2.50	2.75	3	3	3	3	2.50	2.50

CC-4C BTM-304 COMPUTER APPLICATIONS IN TOURISM**Credits – 04****External Marks - 80****Internal Marks - 20****Total marks – 100****COURSE OBJECTIVES:**

CO 1 : Familiarizing with the computer fundamentals and office operations

CO 2: Knowledge about ICT and Tourism.

CO 3: Acquainting with the concept E-Commerce

CO 4 : Enabling to identify automation and reservation.

UNIT- I	Computer Fundamentals and Office Operations <ul style="list-style-type: none">• Components and Units of a computer system• Characteristics, Features and Uses of computers• Data entry devices• Data output devices• Storage devices.• Introduction to Windows• Basics of MS Office and Uses in Travel Agency	CO 1
UNIT- II	ICT and Tourism <ul style="list-style-type: none">• Introduction to Information and communication Technologies (ICT)• Meaning, Role and Importance of ICT in Tourism sector• Future of ICT in Tourism Industry.• Web Portal and Websites Definition,	CO 2
UNIT-III	E-Commerce <ul style="list-style-type: none">• E-Commerce: Meaning, Definition, Features , Functions of E-Commerce, Limitations of E-Commerce• Introduction to E-Tourism, Meaning and Definition• Case study of online Travel Agencies Selling E-Tourism: Yatra.com and Makemytrip.com.	CO 3
UNIT- IV	Automation and Reservation <ul style="list-style-type: none">• Introduction to Internet; Its uses and applications of Internet in Tourism and Searching on internet using various search engines.• Introduction to CRS; Need and history of CRS systems,• Benefits and importance of the CRS system to the Travel trade.	CO4

REFERENCE:

- V. Ragaraman, Fundamental of computers, PHI, New Delhi
- P.K. Sinha, Fundamentals of Computers
- D.Buhalis, E-Tourism: Information Technology for strategic Tourism Management, Pearson Education Ltd, Essex, UK
- C.S.V Murthy, E-Commerce Concepts, Models and Strategies, Himalaya Publications
- Mathew Rergnolds, E-Commerce, Worx Publications
- K. Bajaj and D. Nagm, E-Commerce: The Cutting Edge of the Business, Tata McGraw Hill
- S. Bansundra, Computers Today
- V. Raja Raman, Introduction to Computer Science
- Leon Alexis and Mathews Leon, Fundamentals of Information Technology, Vikas Publishing House Pvt. Ltd, New Delhi
- Leon Alexis and Mathews Leon, Internet for everyone, Vikas Publishing House Pvt. Ltd, New Delhi
- V.P. Jaggi and S. Jain, Computers for Everyone, Academic India Publishers, New Delhi
- S. Saxena, MS Office 2000 for everyone, Vikas Publishing House Pvt. Ltd, New Delhi
- S. Shajahan and R. Priyadharshini, Management Information Systems, New Age International Publishers, New Delhi
- S.C. Bhatnagar and K.V. Ramani, Computers and Information Management: A premier for Practicing Managers, PHI, New Delhi

CC-3C BTM-304 COMPUTER APPLICATIONS IN TOURISM (PRACTICAL)

Credits – 02

External Marks - 10

Internal Marks - 40

Total marks – 50

- Windows 10
- Fundamentals of MS Office
 - MS Word
 - MS Excel
 - MS Power Point
- Booking on Online Travel Portals

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	3	1	2	1	1	2	3	1
Co 2	3	1	1	1	3	2	2	1
Co 3	3	2	2	1	2	3	3	3
Co 4	3	2	2	1	2	3	3	3
	3	1.50	1.75	1	2	2.50	2.75	2

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	3	3	3	2	2
Co 2	3	3	3	2	2
Co 3	3	3	3	2	3
Co 4	3	3	3	2	3
	3	3	3	2	2.50

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
Co 1	3	1	2	1	1	2	3	1	3	3	3	2	2
Co 2	3	1	1	1	3	2	2	1	3	3	3	2	2
Co 3	3	2	2	1	2	3	3	3	3	3	3	2	3
Co 4	3	2	2	1	2	3	3	3	3	3	3	2	3
	3	1.50	1.75	1	2	2.50	2.75	2	3	3	3	2	2.50

CC-2D BTM-401 DEVELOPMENT AGENCIES (PROMOTERS IN TOURISM)		
Credits – 5+1 External Marks - 120 Internal Marks - 30 Total marks – 150		
COURSE OBJECTIVES: CO 1: Familiarizing about the role of government in tourism growth co 2 : Knowledge about the role of different tourism agencies in tourism growth co 3 : Ability to identify role of state government agencies in tourism growth co 4 : Knowledge about role of tourism organisations in tourism growth		
UNIT- I	Role of Government in Tourism Growth <ul style="list-style-type: none"> Ministry of Tourism, Government of India :Organization, Role and Functions Role of Government in tourism Regulation and Management 	CO 1
UNIT- II	Role of Different Tourism Agencies in Tourism Growth <ul style="list-style-type: none"> India Tourism Development Corporation (ITDC): organization, role and functions: Divisions of ITDC Role of Tourism Finance Corporation of India in tourism growth 	CO 2
UNIT-III	Role of State Government Agencies in Tourism Growth <ul style="list-style-type: none"> State Tourism Development Corporations and their organization and role in tourism development and promotion with special reference to: <ul style="list-style-type: none"> Haryana Tourism Corporation Rajasthan Tourism Development Corporation Kerala Tourism Development Corporation Goa Tourism Development Corporation 	CO 3
UNIT- IV	Role of Tourism Organisations in Tourism Growth <ul style="list-style-type: none"> UNWTO : Organisation Structure, Roles and Functions IATA: Organisation Structure, Roles and Functions WTTC: Organisation Structure, Roles and Functions IATO: Organisation Structure, Roles and Functions 	CO4

REFERENCE :

- Amitabh Kant Branding India: An Incredible Story; 2009, Harper Collins (India), Delhi
- www.tourism.gov.in
- www.haryanatourism.gov.in
- www.tourism.rajasthan.gov.in
- www.keralatourism.gov.in
- www.goatourism.gov.in
- www.unwto.org
- www.iata.org
- www.wttc.org
- www.iato.in
- www.itdc.co.in
- www.tfcilttd.com

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	1	2	1	2	1	3	2	3
Co 2	1	2	1	2	1	3	2	3
Co 3	1	2	1	2	1	3	2	3
Co 4	1	2	1	2	1	3	2	3
	1	2	1	2	1	3	2	3

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	3	2	2	1	2
Co 2	3	2	2	1	2
Co 3	3	2	2	1	2
Co 4	3	2	2	1	2
	3	2	2	1	2

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
Co 1	1	2	1	2	1	3	2	3	3	2	2	1	2
Co 2	1	2	1	2	1	3	2	3	3	2	2	1	2
Co 3	1	2	1	2	1	3	2	3	3	2	2	1	2
Co 4	1	2	1	2	1	3	2	3	3	2	2	1	2
	1	2	1	2	1	3	2	3	3	2	2	1	2

CC-3D BTM-402 TOURISM MARKETING		
		Credits – 5+1 External Marks - 120 Internal Marks - 30 Total marks – 150
COURSE OBJECTIVES: CO 1: Introducing about the concept of tourism marketing co 2 : Enabling to identify different challenges of tourism marketing co 3 : Knowledge about tourism marketing environment co 4 : Familiarizing with tourism pricing and promotion		
UNIT- I	Introduction to Tourism Marketing <ul style="list-style-type: none"> • Tourism Marketing: Nature, Process and Growth. • Services and their Marketing • Tourism Marketing and Development: Socially Responsible Marketing, Social Marketing, Participants in Socially Responsible Marketing and their Roles. 	CO 1
UNIT- II	Challenges of Tourism Marketing <ul style="list-style-type: none"> • Nature and Characteristics of Tourism Offers: Tangibility and Intangibility, Non-perishability and Perishability, Homogeneity and Heterogeneity, Separability and Inseparability, Ownership and Non-ownership. • Issues and Challenges in Tourism Marketing • Marketing Strategies to overcome limitations of Tourism 	CO 2
UNIT-III	Tourism Marketing Environment <ul style="list-style-type: none"> • Concept of Marketing Mix • Developing Marketing Mix • Tourism Markets : Types of Tourism Markets • Tourist Behavior: Tourist Buying Process, Factors Influencing Tourists' Buying Process, Tourism Product and Distribution- Concept of Tourism Product Tourism as a packaged Product • Destination as a Product • New Product Development • Product Life Cycle 	CO 3
UNIT- IV	Tourism Pricing and Promotion <ul style="list-style-type: none"> • Tourism Pricing and Promotion : Concept, Importance and Process of Pricing, Factors influencing Tourism Pricing, Methods of Price Fixation, Pricing Strategies, Price Fixation. • Tourism Promotion and Communication: Objectives of Promotion, Promotion Mix, Factors affecting Promotion Mix, Components of Promotion Mix • Important Promotional Tools in Tourism- Brochures, Events, Movies and Cinema 	CO4

REFERENCE :

- Burkart, A.J., Medlik, S.(1981). *Tourism, Past, Present and Future*, Heinemann, London.
- Chris Cooper, Fletcher John, Gilbert David, Wanhill Stephen (1993). *Tourism Principles and Practice*, Pitman Publishing London.
- Christopher Lovelock and JochenWirtz.(2004), *Services Marketing-People, Technology, Strategy*, Pearson Education, India.
- Holloway, J.C., Plant, R.V. (1988). *Marketing for Tourism*, Pitman, London.
- Kotler, Philip, Bowen John, Makens James (2004). *Marketing for Hospitality and Tourism*, Pearson Education, India.
- Kotler Philip (1995). *Marketing Management-Analysis ,Planning, Implementation and Control*, Prentice Hall of India.
- Kotler Philip (2003). *Marketing Insights from A to Z: 80 concepts every manager needs to know*. John Wiley and sons, USA.
- Kotler Philip and Armstrong Gary (1991). *Principles of Marketing*, Prentice Hall of India.
- Majaro, Simon (1995). *The Essence of Marketing*, Prentice Hall of India.
- Middleton, V.T.C.(1988). *Marketing in Travel and Tourism*, Heinemann, Oxford.
- Schiffman G. Leon, KanukLazer Leslie (1992). *Consumer Behaviour*, Prentice Hall of India.
- Witt F Stephen, MoutinhoLuiz (1989). *Tourism Marketing and Management Handbook*, Prentice Hall International UK.
- Zeithaml, V.A. &Bitner, M.J.(1996).*Services Marketing: Integrating Customer Focus Across theFirm*,US:McCraw-Hill Higher Education.

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	2	2	2	2	1	2	2	2
Co 2	2	3	2	2	2	3	2	3
Co 3	3	2	2	2	2	3	2	3
Co 4	1	1	2	2	2	3	2	3
	2	2	2	2	1.75	2.75	2	2.75

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	3	2	2	1	2
Co 2	3	3	3	2	2
Co 3	3	2	3	2	2
Co 4	2	3	1	1	3
	1.75	2.50	2.25	1.50	2.25

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
Co 1	2	2	2	2	1	2	2	2	3	2	2	1	2
Co 2	2	3	2	2	2	3	2	3	3	3	3	2	2
Co 3	3	2	2	2	2	3	2	3	3	2	3	2	2
Co 4	1	1	2	2	2	3	2	3	2	3	1	1	3
	2	2	2	2	1.75	2.75	2	2.75	1.75	2.50	2.25	1.50	2.25

**CC-4D BTM-403AN INTRODUCTION TO TRAVEL AGENCY & TOUR OPERATIONS
BUSINESS IN INDIA**

**Credits – 5+1
External Marks - 120
Internal Marks - 30
Total marks – 150**

COURSE OBJECTIVES:

CO 1: Introducing about the concept of travel agency and tour operation
CO 2 : Enabling to identify functions and linkages in travel agencies and tour operators
CO 3 : Knowledge about significance of travel agency and procedure to follow for government approval
CO 4 : Familiarizing with the tour packaging

UNIT- I	Introduction to Travel Agency and Tour Operation <ul style="list-style-type: none"> Travel Agency and Tour Operations: meaning, definition, types, significance and growth over the years. 	CO 1
UNIT- II	Functions and Linkages in Travel Agencies and Tour Operators <ul style="list-style-type: none"> Functions of Travel Agencies and tour operators. Linkages and integrations in tour operation business. 	CO 2
UNIT-III	Significance of Travel agency and Procedure to follow for Government Approval <ul style="list-style-type: none"> Travel Agency: Organization Structure and significance in tourism growth Procedure for recognitions of Travel Agency and tour operations from Ministry of tourism, Govt. of India. 	CO 3
UNIT- IV	Tour Packaging <ul style="list-style-type: none"> Tour Packaging – Concept, meaning, types. Case Study: <ul style="list-style-type: none"> Railways tour packages Golden Triangle Tour Package Char Dham Tour Package Buddhist Tour Packages 	CO4

REFERENCE :

- Foster, D., the Business of Travel Agency, Pitman, 1990.
- Aggarwal, Surrender, Travel Agency Management (Communication India, 1983).
- Geo, Chack, Professional Travel Agency Management: (Prentice Hall, London, 1990).
- Mohinder Chand , Travel Agency Management – An Introductory Text, Anmol Publications, New Delhi, 2006
- IATA, IATO, TAAI manual./
- Jag Mohan, Negi, Travel Agency and tour operation, Kanishka Publication New Delhi, 1990.

MAPPING OF COURSE OBJECTIVE AND PROGRAM OBJECTIVE

Mapping: CO-PO								
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8
Co 1	3	2	3	1	1	1	3	3
Co 2	3	3	3	2	2	2	3	3
Co 3	3	2	3	2	2	3	3	3
Co 4	3	2	3	2	3	3	3	3
	3	2.25	3	2.25	2	2.75	3	3

MAPPING OF COURSE OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PSO					
	PSO1	PSO2	PSO3	PSO 4	PSO 5
Co 1	3	3	3	1	2
Co 2	3	3	3	2	2
Co 3	3	3	3	2	2
Co 4	3	3	3	3	3
	3	3	3	2	2.75

MAPPING OF COURSE OBJECTIVE, PROGRAM OBJECTIVE AND PROGRAM SPECIFIC OBJECTIVE

Mapping: CO-PO-PSO													
	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
Co 1	3	2	3	1	1	1	3	3	3	3	3	1	2
Co 2	3	3	3	2	2	2	3	3	3	3	3	2	2
Co 3	3	2	3	2	2	3	3	3	3	3	3	2	2
Co 4	3	2	3	2	3	3	3	3	3	3	3	3	3
	3	2.25	3	2.25	2	2.75	3	3	3	3	3	2	2.75

SEC--3 (Writing of Industrial Report) On –the-job training Report & Viva-Voce

Credits – 2
Viva voce - 40
Internal Marks - 10
Total marks – 50

Course Objective:

To give practical exposure to students at the places of tourist attractions to enable the student to record his/her experience and observation along with suggestions and conclusions regarding the destination/s visited from

The students are to undergo a Field Study Tour to gain practical knowledge of tourist resources of India **comprising cultural and natural places** to analyze the existing infrastructure and amenities and to see what problems a tourist faces at the destination and **interacting with vendors of service providers and local community members** and to further examine future prospects for tourism promotion ,as a student and as a tourist to suggest measures . After the completion of the study tour each student is required to submit Field Study Tour Report for evaluation . The viva-voce will be conducted by a panel of external and internal examiners through viva voce. The external examiner shall be appointed by the university.

DSE -1A BTM 501 International Tourism Destinations - Europe & North America		
		Credits – 5+1 External Marks - 120 Internal Marks - 30 Total marks – 150
COURSE OBJECTIVES: Co 1 : To understand the nature of international travel motives and travel statistics. Co 2 : To familiarize the students with the tourism destinations of Europe. Co 3 : To familiarize the students with the tourism destinations of North America. Co 4 : To study the role and functions of International tourism organizations		
UNIT- I	International Travel and Tourism Statistics <ul style="list-style-type: none"> International Tourism meaning, definition & types. Travel motivators & deterrents, Pull & Push forces in Tourism, Tourism trends at international level: Tourist arrivals and tourism receipts, Factors affecting growth of international tourism. 	
UNIT- II	Europe Tourist Destinations <ul style="list-style-type: none"> Tourism Destinations in Europe: Major Tourism Places of Interest in UK, France, Spain, Switzerland, and Italy. 	
UNIT-III	North America Tourist Destinations <ul style="list-style-type: none"> Tourism Destinations in North America: Major Tourism Places of Interest in USA, Canada, Mexico, Cuba. 	
UNIT- IV	International Tourism Organizations <ul style="list-style-type: none"> International Tourism Organizations: UFTAA, UNWTO, ICAO. IATA Challenges before international tourism 	

REFERENCE :

Suggested Readings:

1. Chand Mohinder, Kamra K.K : Basics of Tourism
2. Tourism Statistics at a Glance 2008 & 2009 by Ministry of tourism Govt. Of India
3. Lonely Planet – Singapore, Malaysia, Thailand, China, Hong Kong, Australia.
4. Various Tourism Board Websites such as.
 - a. <http://www.yoursingapore.com>
 - b. <http://www.tourism.gov.my/>
 - c. <http://www.tourismthailand.org/>
 - d. <http://www.tourismchina.org/>
 - e. <http://www.discoverhongkong.com/login.html>
 - f. <http://www.tourism.australia.com/en-au/>

DSE- 1A BTM 502 ADVENTURE TOURISM (AIR BASED)	
<p style="text-align: right;">Credits – 5+1 External Marks - 120 Internal Marks - 30 Total marks – 150</p>	
<p>COURSE OBJECTIVES:</p> <ol style="list-style-type: none"> 1. To Familiarize with Concept, History, Nature & Scope of Adventure Tourism. 2. To explain minimum requirements for Air based Adventure Tourism 3. To Introduce various Air Based Adventure Activities. 4. To Discuss about Air Based Adventure Organisations and Impacts 	
UNIT- I	<p>Introduction to Adventure Tourism</p> <ul style="list-style-type: none"> • Adventure Tourism: Meaning, Definition and Concept of adventure tourism Historical Background of Adventure Tourism, Nature and scope of Adventure tourism in India. • Geographical diversities for adventure tourism in India. • Classification of Adventure tourism, various forms and types of Adventure Tourism.
UNIT- II	<p>Basic Standards & Requirements For Air Based Adventure Tourism</p> <ul style="list-style-type: none"> • Basic minimum standard for air based adventure tourism related activities like parasailing, paragliding, Bungee Jumping, • Tools & Equipments used in Air based Adventure Tourism, Air Based Adventure Tourism in India- Facilities Offered, Issues and considerations.
UNIT-III	<p>Various Air Based Adventure Activities</p> <ul style="list-style-type: none"> • Air Based Adventurous Activities-- Ballooning, Hang gliding, Paragliding, Parasailing, Skydiving, Hang gliding & Paragliding: • Equipment-- Parasailing: Equipment, Clothing & Techniques, Sky diving: Equipment, Clothing & Techniques for each & every activity
UNIT- IV	<p>Impact of Air Based Adventure Tourism</p> <ul style="list-style-type: none"> • Air Based adventure tourism Organisations & training Institutes in India, • Impacts of Adventure Tourism-Socio- cultural, economic & environmental. Issues from the perspective of different stakeholders (Government, Local people, Tourists & Tourism Businesses)

REFERENCE :

1. Pearce, D.G. and Butler, R.W. Contemporary issues in tourism development. Routledge
2. Satyendra Malik. Adventure Tourism.
3. Hall, CM and Page, SJ. The Geography of Tourism and Recreation. Routledge.
4. Dixit, M. Tourism Products. Royal Publishers.
5. Weare G, Trekking in the Indian Himalayas, Lonely Planet Pub, Hong Kong,
Hand book of National Parks, Wildlife Sanctuaries.

DSE -2A BTM 503 Salesmanship in tourism	
Credits – 5+1 External Marks - 120 Internal Marks - 30 Total marks – 150	
COURSE OBJECTIVES: 1 To understand the concept of sales management and theories of selling 2 To have knowledge of sales forecasting, sales planning and sales organisation 3 To have awareness about recruitment selection and sales quota 4 To apprise about the ethical issues and role of I T in sales management	
UNIT- I	Sales Management: <ul style="list-style-type: none"> • Concept, Objectives and Functions; • Personal Selling Concept & Importance, Personal Selling process; • Theories of selling. • Sales Management challenges in tourism.
UNIT- II	Sales Planning: <ul style="list-style-type: none"> • Importance, Approaches and Process of Sales Planning; • Sales Forecasting; Sales Budgeting, Sales Organization: Purpose, • Principles and Process of setting up a Sales Organization; Sales Organization Structures; Organizing for Global Sales, Determining Size of Sales Force
UNIT-III	Managing the Sales Force: <ul style="list-style-type: none"> • Recruitment, Selection, Training, Compensation, Motivation, • Territory and Quota Management: Need, Procedure for setting up Sales Territories; • Time Management; • Sales Quotas: Purpose, Types of Quotas, Administration of Sales Quota.
UNIT- IV	Control process: <ul style="list-style-type: none"> • Analysis of Sales Volume, Cost and Profitability; • Management of Sales Expenses, Evaluating Sale-Force Performance; • Ethical Issues in Sales Management. Role of IT in Sales Management

Suggested Readings:

1. Spiro, Stanton & Rich (2003), Management of a Sales Force 11th edition. Tata McGraw-Hill:
2. Still, Cundiff & Govoni (2007), Sales Management, 5th edition, Sage publications New Delhi.
3. Tapan k. Panda, Sunil Sahadev (2008), Sales and Distribution Management, Oxford University Press, New Delhi.
4. Tanner, Honeycutt, Erffmeyer (2009), Sales Management, Pearson Education India, New Delhi.
5. S.A.Chunawala (2008), Sales and Distribution Management, Himalaya Publishing House, New Delhi.
6. Gupta, S. L. (2005), Sales and Distribution Management, Excel Books, 1st Edition, New Delhi.
7. David Jobber, Geoff Lancaster (2003), Selling and Sales Management, Pearson Education India, New Delhi.

DSE 2A BTM 504 BUSINESS LAWS IN TOURISM	
Credits – 5+1 External Marks - 120 Internal Marks - 30 Total marks – 150	
1.	The present course aims at familiarizing the participants with various legal aspects Of Indian Contract Act. 1872
2	To understand the Concept of Negotiable Act 1881.
3	To familiarize the students about Sale of Goods Act 1930.
4	It aims at providing knowledge of The Indian Partnership Act, 1932 ,
UNIT- I	The Indian Contract Act 1872 <ul style="list-style-type: none"> • The Indian Contract Act 1872, Definition of a Contract and its essentials Formation of a valid Contract - Offer and Acceptance, • Discharge of a Contract by performance, Breach, Damages for breach of a contract
UNIT- II	- Negotiable Act 1881 <ul style="list-style-type: none"> • Negotiable Act 1881: scope, features and types; Negotiation; Crossing • Dishonour and discharge of negotiable instruments.
UNIT-III	Sale of Goods Act 1930 <ul style="list-style-type: none"> • Indian Sales of Goods Act, 1930: Legal Aspects relating to Formation of Contract of Sales and their classification; • Prices; Conditions and Warranties; Transfer of property in goods. • Performance of the contract of Sales, Unpaid seller and his rights
UNIT- IV	The Indian Partnership Act, 1932 <ul style="list-style-type: none"> • The Indian Partnership Act, 1932: Definition of Partnership and its essentials, Rights and Duties of Partners: Types of Partners, Minor as a partner, • Limited Liability Partnership Act 2008, Cessation of trade by Limited liability partnership, Insolvency and winding up.

REFERENCE :

1. Kuchhal M.C. - Business Law (Vikas Publication, 4 th Edition)
2. Gulshan S.S. - Business Law Including Company Law (Excel Books)
3. Avtar Singh - Principles of Mercantile Law (Eastern Book Company, 7th Edition).
4. N.D Kapoor & Rajni Abbi-General Laws & Procedures (Sultan Chand & Sons)
5. Durga Das Basu- Constitution of India (Prentice Hall of India) 6. Relevant Acts

DSE -3A BTM 505 Impacts Of Tourism	
Credits – 5+1 External Marks - 120 Internal Marks - 30 Total marks – 120	
COURSE OBJECTIVES: 1 : To understand the pattern of tourism development in different countries 2 : To have awareness about the economic significance of Tourism 3 : To familiarise with the socio cultural dimension of the Tourism 4 : To apprise about the environmental significance of tourism	
UNIT- I	Patterns of tourism development in the developed and the developing countries <ul style="list-style-type: none"> comparative analysis in terms of volume of tourist arrivals and earnings from tourism Tourism Development in the regions – Europe, Americas, Asia-Pacific region, Middle East and Africa in terms of volume of tourist arrivals and earnings from tourism Characteristics of mass tourism
UNIT- II	Economic significance of tourism <ul style="list-style-type: none"> Direct, Indirect and Induced Economic Impacts of tourism Negative Economic Impacts of Tourism Economic Impact Analysis
UNIT-III	Socio-cultural dimensions of tourism <ul style="list-style-type: none"> Positive Social & cultural Impacts of Tourism Negative Social & Cultural Impacts of Tourism Social Change and growth of tourism
UNIT- IV	Environmental significance of tourism <ul style="list-style-type: none"> Major Impact Areas – Natural Resources, Pollution and Physical Impacts Tourism development in relation to global warming, Climate Change, natural resource exploitation& Biodiversity loss Environmental Impact Assessment

REFERENCES

- Bartelmus, P. (1994). *Environment, Growth and Development: The Concepts and Strategies of Sustainability*. London, Routledge.
- Burns, P. and Holden, A. (1995). *Tourism: A New Perspective*. London, Prentice Hall.
- Butler, R. W. (1991). Tourism, environment and sustainable development. *Environmental Conservation*, **18**, 201–9.
- Cater, E. (1994). Introduction. In *Ecotourism: A Sustainable Option?* (E. Cater and G. Lowman, eds). London, John Wiley and Sons.
- Cooper, C., Fletcher, J., Gilbert, D. and Wanhill, S. (1998). *Tourism: Principles and Practice*. London, Longman.
- Davison, R. (1996). The impacts of tourism. In *Tourism Destinations* (R. Davison and Maitland, eds), pp. 18–45. London, Hodder and Stoughton.
- Peter Mason, 2009, *Tourism Impacts, Planning and Management*, Butterworth Publication, NEW YORK

DSE 3A BTM 506 Researching in Tourism	
<p style="text-align: right;">Credits – 5+1 External Marks - 120 Internal Marks - 30 Total marks – 150</p>	
<p>COURSE OBJECTIVES:</p> <ol style="list-style-type: none"> 1. To Familiarize with the definition and types of research in tourism . 2. To understand the sampling ,data collection and sources of data collection in 3 To have awareness about the coding ,classification and tabulation of the data 4. To apprise about the writing of a research report 	
UNIT- I	<p>Introduction to research methodology:</p> <ul style="list-style-type: none"> • Meaning, definition, characteristics and types of research • Methodology of research, formulation of research problem Research Design: Meaning,characteristics of research design, steps in research design.
UNIT- II	<p>Sampling Design and Data Collection:</p> <ul style="list-style-type: none"> • Meaning of sampling, aims in selection of a sample, • Types of sample design. Data collection –Meaning, types of data, methods of collecting primarydata-observation, interview and questionnaire, Sources of secondary data.
UNIT-III	<p>Processing and Analysis of data:</p> <ul style="list-style-type: none"> • Editing, Coding, Classification and tabulation, Graphical presentation of Data- • Bar-chart, pie-chart and curves Interpretation of Data meaning, methods of data analysis
UNIT- IV	<p>Report Writing:</p> <ul style="list-style-type: none"> • Meaning, types and steps involved in writing report, • layout of the research report, • mechanics of writing a research report, challenges of a good writing

References:

- ❑ Taylor, B., Sinha, G, Ghoshal, T. (2006), "Research Methodology: A Guide for Researchers in Management and Social Sciences" PHI learning Pvt. Ltd-New Delhi.
- ❑ Kothari, C.R & Garg,G. (2013), "Research Methodology: Methods and Techniques" New Age International Publishers.
- ❑ Handbook of Research Methods in Tourism: Quantitative and Qualitative Approaches, Edward Elgar Publications.
- ❑ Clark; Riley; Wilkie,M. and Wood,R.C. "Researching and Writing Dissertation in Hospitality and Tourism"-ITB Publishers, UK.
- ❑ Geoffrey M, David, D., David F. (2005), Essentials of Research Design and Methodology, John Willey & Sons.

SEC 4 Tourism In Media		Credits – 02 External Marks - 40 Internal Marks - 10 Total marks – 50
COURSE OBJECTIVES: 1 : To understand the basic concepts about media and tourism. 2 : To familiarize the students with electronic media and their role in tourism. 3 : To familiarize the students with print media and their role in tourism. 4 : To know about the relationship between social media and tourism.		
UNIT- I	Basic concepts about media and tourism <ul style="list-style-type: none"> • Meaning, Definition, Concepts, Types of media- Their advantages and disadvantages, Scope of Media in Tourism, Role of Media for the development and promotion of tourism 	
UNIT- II	Electronic Media <ul style="list-style-type: none"> • Meaning, Definition & Types. Role of electronic media in the development and promotion of tourist destinations, • Nature of media coverage: webcast and telecast - Script writing for travel programs - Identifying points for visual support - Conducting interviews - Virtual tourism. 	
UNIT-III	Print Media <ul style="list-style-type: none"> • Meaning, Definition & Types. Role of print media in the development and promotion of tourist destinations. • Introduction to printing industry in India, Introduction to major specialized travel magazines (National Geographic Traveller, Lonely Planet India, Outlook Traveller, Discover India, Travel +Leisure) 	
UNIT- IV	Social Media And Tourism <ul style="list-style-type: none"> • Impact of social media on tourist buying behavior, Major players in social media. • How social media works for tourist and travel players. Advantages and disadvantages of social media for tourism industry. • Tourism marketing through social media problems & prospects. 	

REFERENCE :

1. Bernet, John R, (1989) Mass Communication, an Introduction, Prantice Hall.
2. Baran and Davis, Mass Communication Theory.
3. Bull, Andy. Essential Guide to Careers in Journalism, Sage, London, 2007.
4. Bruce D. Itule and Douglas A. Anderson, News writing and reporting for today's media, McGraw Hill Publication.
5. Flemming, , Carole and Hemmingway, Emma, An Introduction to journalism, Sage, London, 2005.
6. Kamath, M.V. Professional Journalism, Vikas Publications.
7. Goodwin, Eugene H. Groping for ethics in Journalism, Iowa State Press.
8. Hough, George A. News Writing, Kanishka Publishers, New Delhi (1998).

**DSE -1B BTM 601 International Tourism Destinations -
Asia &Australia**

**Credits – 5+1
External Marks - 120
Internal Marks - 30
Total marks – 150**

COURSE OBJECTIVES:

- Co 1 : To understand the nature of international tourism in UNWTO Regions.
Co 2 : To familiarize the students with the tourism destinations of Asia.
Co 3 : To familiarize the students with the tourism destinations of Australia.
Co 4 : To study the role and functions of International tourism organizations

UNIT- I	International Travel and UNWTO Regions <ul style="list-style-type: none"> • International Tourism meaning, definition & types. • Domestic vs. international tourism, • Region wise distribution of tourist arrivals & tourism receipts, • Leading tourist Generating regions of world.
UNIT- II	Asia Tourist Destinations <ul style="list-style-type: none"> • Tourism Destinations in Asia: Major Tourism Places of Interest in Singapore, Thailand, Malaysiya.China & India.
UNIT-III	Australia Tourist Destinations <ul style="list-style-type: none"> • Tourism Destinations in Australia: Major Tourism Places of Interest in Sydney, Melbourne, Gold Coast, Perth & Queensland.
UNIT- IV	The Role of the Government and international Tourism Bodies <ul style="list-style-type: none"> • International Tourism Institutions and organizations, and their role in promoting International movement- • PATA , TAAI, IATO, FHRAI

REFERENCE :

Suggested Readings:

1. Chand Mohinder, Kamra K.K : Basics of Tourism
2. Tourism Statistics at a Glance 2008 & 2009 by Ministry of tourism Govt. Of
3. India
4. Lonely Planet – Singapore, Malaysia, Thailand, China, Hong Kong, Australia.
5. Various Tourism Board Websites such as.
 - a. <http://www.yoursingapore.com>
 - b. <http://www.tourism.gov.my/>
 - c. <http://www.tourismthailand.org/>
 - d. <http://www.tourismchina.org/>
 - e. <http://www.discoverhongkong.com/login.html>
 - f. <http://www.tourism.australia.com/en-au/>

DSE-1B BTM 602 ADVENTURE TOURISM (Land & Water Based)	
<p style="text-align: right;">Credits – 5+1 External Marks - 120 Internal Marks - 30 Total marks – 120</p>	
COURSE OBJECTIVES: <ol style="list-style-type: none"> 1. Familiarize with Concept, History, Nature & Scope of Land & Water Based Adventure Tourism in India. 2. To explain minimum requirements for Land & Water based Adventure Tourism 3. To Introduce various Land Based Adventure Activities. 4. To Discuss about Air Based Adventure Organisations and Impacts 	
UNIT- I	Introduction to Land & Water Based Adventure Tourism <ul style="list-style-type: none"> • Meaning and Definition of Land and Water Based Adventure Activity. Classification of Land based and Water based adventure • Activities. Nature and Scope for Land & Water Based Adventure Tourism in India. Topographical features for Land & Water Based Adventure Tourism in India
UNIT- II	Basic Standards & Requirements For Land & Water Based Adventure Tourism <ul style="list-style-type: none"> • Basic minimum standard for Land and Water Based Adventure Activities • Air based adventure tourism related activities like parasailing Land Based • Adventure Activity: Mountain climbing, trekking, skiing, ice skating, motor car rally, rock climbing, camel safari, bungee jumping. HMI, NIM.
UNIT-III	Various land Based Adventure Activities <ul style="list-style-type: none"> • Land Based Adventure Activities: Rock Climbing : Principles, Route Planning, Holds, Equipment, Clothing Knots: Thumb, Reef, Clove Hitch, Fisherman, Simple Bowline, • Trekking: Trekking sites in India. River/Valley Crossing Techniques, Tent Pitching, Techniques: Abseiling (Rappelling)

UNIT- IV	<p style="text-align: center;">Various Water Based Adventure Activities</p> <ul style="list-style-type: none"> • Water Based adventure Activities: Canoeing, Kayaking, Rafting, Scuba Diving, Snorkelling, Surfing, Water Skiing, Sites in India, • Rafting & Kayaking: Equipment, Clothing & Techniques, Scuba Diving & Snorkeling : Equipment, Clothing & Techniques
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REFERENCE :

1. Pearce, D.G. and Butler, R.W. Contemporary issues in tourism development. Routledge
2. Satyendra Malik. Adventure Tourism.
3. Hall, CM and Page, SJ. The Geography of Tourism and Recreation. Routledge.
4. Dixit, M. Tourism Products. Royal Publishers.
5. Weare G, Trekking in the Indian Himalayas, Lonely Planet Pub, Hong Kong, Hand book of National Parks, Wildlife Sanctuaries.

DSE 2 B BTM-603 Entrepreneurship in Tourism	
Credits – 5+1 External Marks - 120 Internal Marks - 30 Total marks – 150	
COURSE OBJECTIVES: 1 :To understand the concept of entrepreneurship and its theories 2 : to apprise about the problems of small scale industries in India 3 : To have knowledge of entrepreneurship development and training in India 4 : To assess the financial , marketing and technological challenges for entrepreneurship	
UNIT- I	Concept of Entrepreneur and entrepreneurship- <ul style="list-style-type: none"> • Evolution, characteristics, role of entrepreneurship in economic development, • Entrepreneurship in India- Factors and Institutional framework. Theories of entrepreneurship
UNIT- II	Relationship between small and large business, <ul style="list-style-type: none"> • Problems of small scale industries in Indian context • Growth of SSI's and Entrepreneurial motivation, policy support to small scale industries and entrepreneurship.
UNIT-III	Forms of ownership- <ul style="list-style-type: none"> • Structural patterns, entrepreneurial development and training, • Aspects involved in the growth of entrepreneurial environment.
UNIT- IV	Issues relating to small business <ul style="list-style-type: none"> • Financial, marketing challenges, technological challenges in small business. • Problems and remedies of entrepreneurship in India.

References:

- Rajeev Roy- Entrepreneurship: 2nd Edition - Oxford University press
- Madhurima Lall & Shikha Sahai- Entrepreneurship- EB Excel Books
- David H Holt- Entrepreneurship: New Venture Creation- Prentice Hall of India pvt Ltd
- Methew J Manimala- Entrepreneurship Theory at the cross road: Paradigms & praxis- Biztantra, NewDelhi
- Robert D Hisrich : Entrepreneurship- Mc Graw HillCompanies
- Kanishika Bedi- Management & Entrepreneurshi p-oxford U niversity press.
- Vasant Desai-The Dynamics of Entrepreneurial Development and Management-Himalaya publishing House
- Jain, Arun Kumar. *Competitive Excellence: Critical Success Factors*. New Delhi: Viva Books Limited
- Panda, ShibaCharan. *Entrepreneurship Development*.New Delhi, Anmol Publications.
- Plsek, Paul E. *Creativity, Innovation and Quality*. (Eastern Economic Edition), New Delhi: Prentice-Hall of India.
- SIDBI Reports on Small Scale Industries Sector.
- Singh, Nagendra P. *Emerging Trends in Entrepreneurship Development*. New Delhi:

DSE 2B BTM 604 CORPORATE LAWS IN TOURISM	
<p style="text-align: right;"> Credits – 5+1 External Marks - 120 Internal Marks - 30 Total marks – 150 </p>	
<ol style="list-style-type: none"> 1 To familiarize the students about Companies Act 1956. 2. Introduces The Consumer Protection Act, 1986, it's aims and Remedies, Appeals, Enforcement. 3 Discuss the Information Technology Act, 2000 It's major regulations, duties, Penalties and offences. 4: To know about RTI Act 2005 and its provisions. 	
UNIT- I	Indian Companies Act 1956 <ul style="list-style-type: none"> • Indian Companies Act 1956- Legal Aspects relating to Promotion and Establishment of Joint Stock Companies in India; • Memorandum of Association; Article of Association; • Prospectus, Shares and Share Capital; Allotment of Shares; Legal Rules regarding Membership and Borrowing Powers; • Debentures - their issue, floating and fixed charges.
UNIT- II	The Consumer Protection Act,1986 <ul style="list-style-type: none"> • The Consumer Protection Act, 1986 : Aims and Objects of the Act, Redressal Machinery under the Act, • Procedure for complaints under the Act, Remedies, Appeals, Enforcement of orders and Penalties.
UNIT-III	The Information Technology Act, 2000 <ul style="list-style-type: none"> • The Information Technology Act, 2000: Definition, Digital Signature, • Electronic Governance, Attribution, Acknowledgment and Dispatch of Electronic Records, Regulation of Certifying Authorities, • Digital Signature Certificates, Duties of Subscribers, Penalties and Offences.

UNIT- IV	<ul style="list-style-type: none"> • RTI Act, 2005 • RTI Act, 2005: important provisions • Important Section under Right to Information Act- 2005 • Jurisdiction of RTI Act- 2005
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REFERENCE :

1. Kuchhal M.C. - Business Law (Vikas Publication, 4 th Edition)
2. Gulshan S.S. - Business Law Including Company Law (Excel Books)
3. Avtar Singh - Principles of Mercantile Law (Eastern Book Company, 7th Edition).
4. N.D Kapoor & Rajni Abbi-General Laws & Procedures (Sultan Chand & Sons)
5. Durga Das Basu- Constitution of India (Prentice Hall of India) 6. Relevant Acts

DSE -3B BTM 605 Sustainable Tourism		Credits – 5+1 External Marks - 120 Internal Marks - 30 Total marks – 150
COURSE OBJECTIVES: 1 :To understand about sustainable tourism ,sustainable development and social responsibility 2 : To get knowledge of eco tourism and carrying capacity 3 : To identify differentiate among various dimensions of sustainable development 4 : To apprise about the role of govt, tourism industry and voluntary organisations for sustainable development		
UNIT- I	Sustainable Tourism- <ul style="list-style-type: none"> meaning, definition, scope, sustainable development components, major issues in understanding sustainable development, principles of sustainable tourism management, aspects of ethics and social responsibility Key Stake holders 	
UNIT- II	Key issues of sustainable tourism development <ul style="list-style-type: none"> Ecotourism, carrying Capacity, De-marketing, fair pricing, transportation, education, Role of Industry , Role of public and private sector, community involvement and local control and linkages therein. 	
UNIT-III	. dimensions of Sustainable tourism <ul style="list-style-type: none"> . Environment, economic life, social aspects. Environment-scope of the concept of environment, major potential impacts of tourism on environment, Economic Dimension-scope of the concept, and major impacts of tourism on it, Social Dimension-scope of the concept of socio -cultural environment and impacts of tourism on socio cultural issues 	
UNIT- IV	Key Actors in sustainable tourism <ul style="list-style-type: none"> Public sector, government bodies, local authorities, Tourism industry, voluntary organisations host community, Media, and tourists Books: 	

Suggested Readings:

1. swarbooke, J-sustainable Tourism Management-Rawat publication, Jaipur
2. William Theobald-Global Tourism: The Next Decade-Butterworth Heinemann.
3. <http://www.environment.gov.au/heritage/publications/strategy/pubs/steps.pdf>.
4. http://sanctuaries.noaa.gov/management/international/pdfs/day1_concepts_manual.pdf.
5. <http://www.unep.fr/shared/publications/pdf/IDTx0592xpA-TourismpolicyEfv.pAf>.
6. http://www.nwhf.no/files/File/culture_fulltext.pdf
7. http://www.rainforest-alliance.org/tourism/documents/tourism_practices_guide.pdf
8. http://unctad.org/en/Docs/ditctn20065_en.pdf
9. http://ec.europa.eu/enterprise/sectors/tourism/files/docs/tsg/tsg_final_report_en.pdf
10. http://www.visitcalifornia.com/media/uploads/files/edito_rlcTTC%20sustainableTo20Tourism%20Handbook.pdf

DSE 3B

BTM 606

Project work

Credits – 5+1

Seminar - 120

Internal Marks - 30

Total marks – 150

Course objective:

To develop a practical understanding of the Tourism and Travel industry. The course aims to groom the students in the etiquettes and techniques of business presentations.

Project Report:

It is mandatory to do some project work so as to sharpen the research skills and to develop a practical understanding of the tourism industry to attain some field experience and to understand the functioning of the organisation. Students are required to prepare a project report on a topic of their choice approved from Faculty, from Institute/ Training Manager/Head of that Department beyond syllabus areas that concern policies, plans, current issues, model development, industry trends etc. All students are to do a project as a group consisting a maximum of five students. The projects are to be identified during the 5th semester of the programme with the help of the supervising teacher. The report of the project in duplicate is to be submitted to the department in the 6th semester. Project evaluation and Viva/ Presentation are compulsory and will be conducted at the end of the programme during the sixth semester. 20 % of marks are awarded through internal assessment of the project report. The project is treated as a separate course and is compulsory for completion of the programmers constituted for the purpose of conducting seminar in the dept. at the end of

SEMESTER 6

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The students will be engaged in the below mentioned activities on suggested topics.

However, the list is not exhaustive. Any area of choice or relevance according to industry demands may be chosen.

The students will be awarded marks on the basis of their regular performance in seminar

i.e.,(choice of topic, its relevance, group and individual activity, presentation technique and conviction.)

Power Point Presentations, Group Discussions, Debates and Talks may revolve around such areas as:

1. Mega Destinations and Circuits Identified by the Ministry of Tourism, Government of India
2. Niche tourism
3. Adventure tourism
4. Industry Trends
5. Any other relevant area

Learning Outcomes-based Curriculum Framework (LOCF)

for

B.A. (Mass Communication)

A Three Year Bachelor Degree Programme

under

Choice Based Credit System (CBCS)/Learning Outcomes-based Curriculum Framework (LOCF)

w.e.f. Academic Session 2020-21.

Eligibility : 10+2 in any discipline



**Institute of Mass Communication & Media Technology
Kurukshetra University, Kurukshetra**

LOCF/CBCS/B.A (Mass Communication)/KUK

PROPOSED SCHEME FOR CHOICE BASED CREDIT SYSTEM IN B.A. MASS COMMUNICATION PROGRAMME

Semester	CORE COURSE (CC) @ 6 Credits	Ability Enhancement Compulsory Course (AECC) @ 2 Credits	Skill Enhancement Course (SEC) @ 2 Credits	Discipline Specific Elective DSE @ 6 Credits Generic Elective GE @ 6 Credits
I	CC- 1 CC- 2 CC- 3 CC- 4	(English/MIL Communication)/Environmental Studies (AECC-1)		
II	CC- 5 CC- 6 CC- 7 CC- 8	(English/MIL Communication) / Environmental Studies,(AECC-2) Hindi (AECC-3)		
III	CC- 9 CC- 10 CC- 11 CC- 12		SEC-1	
IV	CC- 13 CC- 14 CC- 15 CC- 16		SEC -2	
V			SEC -3/MOOC*	DSE-1 (Elective Subject)
				DSE-2 (Elective Subject)
				GE-1
Internship/Industry Training **				
VI			SEC-4	DSE-3 (Elective Subject)
				DSE-4 (Elective Subject)
				GE-2

AECC will be offered according to the time table adjustments in the Institute/Department.

*MOOC Course from Swayam Portal.

** SEC can be offered in 3rd/4th/5th semester according to the time table adjustments in the institute.

****Internship/Industry Training** A candidate must complete industry training of 4 to 6weeks after completion of theory examination of 4th semester. The internship report will be submitted in 5th semester.

General instructions:

- One credit equivalent to 1 hour of teaching/2 hours of Practical work

LOCF/CBCS/B.A (Mass Communication)/KUK

- Teaching workload will be calculated on the basis of teaching contact hours of the course
- One credit (theory /Practical) equivalent to 25 marks

Total No. of Courses, Credit and Marks

Course	No. of Courses	Credits Teaching/Week	Credits Practical/Week	Credits Tutorials/Week	Total Credits	Marks
Core Courses	16	6x5=30 10x4=40 Total=70	10x2=20	6x1=6	70+20+6=96	16x150=2400
AECC	3	3x2=6	--	--	6	3x50=150
SEC	4	4x2=8	--	--	8	4x50=200
DSE	4	4x4=16	4x2=08	2x1=2	24	4x150=600
GE	2	2x5=10			12	2x150=300
Industrial Training	--	--	--	--	2	50
Total	29	110	28	8	148	3700

LOCF/CBCS/B.A (Mass Communication)/KUK

Scheme of Examination of B.A. Mass Communication under CBCS/LOCF for Institute of Mass Communication & Media Technology (IMC&MT, KUK) w.e.f. Academic Session 2020-21

Semester-I

Course Code	Course Title	Course Type	Contact Hours per Week				Credits	Total Credits	Marks				Duration of Exam
			L	T	P	Total			T	P	IA	Total	
AECC-100	Communicative English	AECC-1	2	-	-	2	2	2	40	-	10	50	2 Hours
BAMC 101	Introduction to Journalism	CC-1	5	1	-	6	6	6	120	-	30	150	3 Hours
BAMC 102	History of Media	CC-2	5	1	-	6	6	6	120	-	30	150	3 Hours
BAMC 103	Introduction to Communication	CC-3	5	1	-	6	6	6	120	-	30	150	3 Hours
BAMC 104	Fundamentals of Computer (Theory)	CC-4	4	-	-	4	4	6	80	-	20	100	3 Hours
BAMC 105	Fundamentals of Computer (Practical)		-	-	2	4	2		-	40	10	50	3 Hours
Total Credits								26	Total Marks			650	

Semester-II

Course Code	Course Title	Course Type	Contact Hours per Week				Credits	Total Credits	Marks				Duration of Exam
			L	T	P	Total			T	P	IA	Total	
B-EVS 100	Environmental Studies	AECC-2	2	-	-	2	2	2	40	-	10	50	3 Hours
B-HIN 100	Communicative Hindi	AECC-3	2	-	-	2	2	2	40	-	10	50	2 Hours
BAMC 201	News Writing (Theory)	CC-5	4	-	-	4	4	6	80	-	20	100	3 Hours
BAMC 202	News Writing (Practical)		-	-	2	4	2		-	40	10	50	3 Hours
BAMC 203	Basics of Reporting (Theory)	CC-6	4	-	-	4	4	6	80	-	20	100	3 Hours
BAMC 204	Basics of Reporting (Practical)		-	-	2	4	2		-	40	10	50	3 Hours
BAMC 205	Basics of Editing (Theory)	CC-7	4	-	-	4	4	6	80	-	20	100	3 Hours
BAMC 206	Basics of Editing (Practical)		-	-	2	4	2		-	40	10	50	3 Hours
BAMC 207	Indian Constitution and Media Laws	CC-8	5	1	-	6	6	6	120	-	30	150	3 Hours
Total Credits								28	Total Marks			700	

LOCF/CBCS/B.A (Mass Communication)/KUK

List of Total Subjects in B.A. Mass Communication :

Sr. No.	Course Type	Number of Subjects
1	CC	16
2	AECC	03
3	SEC	04
4	DSE	04
5	GE	02
	Total	29

Semester I	Course Type	Number of Subjects
	CC	4
	AECC	1
Semester II	CC	4
	AECC	2
Semester III	CC	4
	SEC	1
Semester IV	CC	4
	SEC	1
Semester V	SEC	1
	DSE	2
	GE	1
Semester VI	SEC	1
	DSE	2
	GE	1
Total		29

List of Abbreviations

L - Lecture

T- Tutorial

P- Practical

IA – Internal Assessment

CC- Core Course

AECC- Ability Enhancement Compulsory Course

SEC- Skill Enhancement Course

DSE- Discipline Specific Elective

GE- Generic Elective

PROGRAMME OUTCOMES

On successful completion of the programme, the student will be able to:-

- PO1** Acquire knowledge related to the discipline under study.
- PO2** Communicate and reflect effectively and efficiently on the issues related to the discipline.
- PO3** Exhibit the professional skills and competencies acquired during the Programme of study.
- PO4** Apply the knowledge and skills acquired in planning, organizing, evaluation and decision making.
- PO5** Explore, analyze and provide solutions to the problems related to the discipline and life.
- PO6** Develop exposure to actual working environment leading to employability and entrepreneurship.
- PO7** Exhibit scientific & research capabilities in academic, professional and general life pursuits.
- PO8** Recognize, appreciate and follow ethical issues relating to the discipline and society.

Programme Specific Outcomes (PSOs)

After completing the undergraduate programme, a learner will be able to:

- PSO1** Acquire fundamental knowledge of Mass communication & Journalism and related study areas.
- PSO2** Learn communication and professional skills related to various fields of mass communication.
- PSO3** Become competent enough to undertake professional job as per demands and requirements of Media & Entertainment Industry.
- PSO4** Become ethically committed media professional adhering to the human values and the values of the Indian culture.

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PSO5 Acquire the primary research skills, understand the importance of innovation, entrepreneurship and global vision.

AECC-100: Communicative English

Time: 2 Hrs.

Credits: 2

Total Marks: 50

Practical: 40

Internal Assessment: 10

Course objectives: The paper is designed to enhance proficiency in English Language. It seeks to develop the basics of English Language through different modules. Each unit will enable and capacitate the learner to have communication competence which is required in the present-day world. The basic knowledge of communication will enable the learners to share and enliven ideas, experience and know-how ubiquitous in the world.

Course Learning Outcomes:
After completing the Course, the student will be able to:
AECC 100.1: Learn the rhetoric of presentation
AECC 100.2: Learn, comment and respond to correspondence.
AECC 100.3: Learn the basics of grammar and composition.
AECC 100.4: Acquaint with verbal and non-verbal communication.

Note : All questions are compulsory.

- Q.1.** The paper setter will set two questions from unit-II. The student shall attempt one out of the given two. (10)
- Q.2.** This question shall be based on unit-III. The student shall attempt one out of the given two. (10)
- Q.3.** There will be 25 grammatical items based on unit-IV. The student shall attempt any 20 items. (10)
- Internal Assessment:** The students shall be required to make presentation /PPT based on unit-I.

Unit-I

Listening and speaking skills

Listening skills (Active-passive, Accent)

Speaking Skills (Accent, Stress, Intonation, Assertion, Rhetorical questions, Pause, Pitch)

Oral presentation, Debates, Elocution and Extempore

Unit-II

Writing skills

Report writing

Paragraph writing

Letter writing

Unit-III

Technical and Modern communication

Resume writing

E-mail

Blogs and comments on social media

Unit-IV

Grammar

Noun, Pronoun, Verb, Adverb, Adjective, Preposition, Conjunction and their uses

Common errors in the use of English (Noun, Pronoun, Adjective, Adverb, Conjunctions)

Correct use of verbs and Articles

Vocabulary: Homonyms, Homophones, Pair of words

References:

- Communicative English, Dr. Jimmy Sharma, Arihant Parkashan Pvt. Ltd.
- Strengthen Your English, Bhaskaran and Horsburgh, Oxford University Press
- Basic Communication Skills for Technology, and area J Rutherford, Pearson Education Asia.
- Murphy's English Grammar with CD, Murphy, Cambridge University Press
- English Skills for Technical Students by Orient Longman
- Everyday Dialogues in English by Robert J. Dixon, Prentice-Hall of India Ltd., 2006.

AECC-100: Communicative English

CO-PO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
AECC 100.1	2	2	2	2	2	2	2	2
AECC100.2	2	2	2	2	2	2	2	2
AECC 100.3	2	2	2	2	2	2	2	2
AECC 100.4	2	2	2	2	2	2	2	2
Average	2	2	2	2	2	2	2	2

CO-PSO Mapping Matrix

CO	PSO1	PSO2	PSO3	PSO4	PSO5
AECC 100.1	2	2	2	2	2
AECC100.2	2	2	2	2	2
AECC 100.3	2	2	2	2	2
AECC 100.4	2	2	2	2	2
Average	2	2	2	2	2

CO-PO-PSO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
AECC 100.1	2	2	2	2	2	2	2	2	2	2	2	2	2
AECC100.2	2	2	2	2	2	2	2	2	2	2	2	2	2
AECC 100.3	2	2	2	2	2	2	2	2	2	2	2	2	2
AECC 100.4	2	2	2	2	2	2	2	2	2	2	2	2	2
Average	2	2	2	2	2	2	2	2	2	2	2	2	2

BAMC 101: Introduction to Journalism

Time:3 Hrs.

Credits: 6

Total Marks: 150

Theory: 120

Internal Assessment: 30

Course Objectives: The course is designed to introduce students to the basics of journalism, to acquaint them with elements, types and important aspects of process of Journalism and to enhance understanding of the technical terms and jargon of Journalism.

Course Learning Outcomes:
After completing the Course, the student will be able to:
BAMC 101.1: Understand the basic concept of journalism including Indian perspective
BAMC 101.2: Inculcate the knowledge of elements and types of journalism.
BAMC 101.3: Understand the contemporary issues and important aspects of the process of journalism.
BAMC 101.4: Enhance understanding of the technical terms and jargon of journalism.

Note:- The question paper will be divided into five Units containing nine questions. Students are required to attempt five questions in all. There will be two questions in each unit from I to IV and students are required to attempt one question from each unit. Unit V will have only one Compulsory question containing six short notes covering the entire syllabus and students are required to attempt any four. All questions will carry equal marks.

Unit-I

Journalism: Concept, definition, nature and scope
Indian concept of Journalism: Ancient Perspective
Functions of Journalism
Elements of Journalism
Role of Journalism in Democracy

Unit-II

Contemporary Issues in Journalism Debates in Journalism
Alternative Journalism
Media Literacy: concept and definition
Relevance of media literacy in society

Unit-III

Process of Journalism
Citizen Journalism
Yellow Journalism
Investigative Journalism
Advocacy Journalism.

Unit–IV

Skills of journalism
Convergence - meaning and concept
Online Journalism
New trends in journalism
Technical terms and jargon in
journalism

Assignments

- Students will prepare a profile of news paper writings (types and style).
- Visit to important media centres observing their functioning and writing reports thereof.

References :

1. Kumar, KevalJ, Mass Communication inIndia. Jaico, Mumbai.
2. Thakur Prof. (Dr). Kiran, Handbook of Print Journalism, MLC University of Mass communication &Journalism Bhopal
3. Bhargav G.S., The PressinIndia: An Overview, National Book Trust New Delhi
4. Beer Arnold S.de and Merrill John C., Global Journalism: Topical Issues and Media Systems, PHI Learning Private Limited, New Delhi
5. News Papers and Magazines based on current affairs.
6. Aggarwal, Virbala, Patrakarita evam Jansanchar Margdarshika, Concept Publishing Company, New Delhi.

BAMC101: Introduction to Journalism

CO-PO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
BAMC 101.1	3	3	3	2	2	2	3	3
BAMC 101.2	3	3	3	2	2	2	3	3
BAMC 101.3	3	3	3	2	2	2	3	3
BAMC 101.4	3	3	3	2	2	2	3	3
Average	3	3	3	2	2	2	3	3

CO-PSO Mapping Matrix

CO	PSO1	PSO2	PSO3	PSO4	PSO5
BAMC 101.1	3	2	3	3	3
BAMC 101.2	3	2	3	3	3
BAMC 101.3	3	3	2	3	3
BAMC 101.4	3	3	3	3	3
Average	3	2.5	2.75	3	3

CO-PO-PSO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
BAMC 101.1	3	3	3	3	3	3	3	3	3	2	3	3	3
BAMC 101.2	3	3	3	3	3	3	3	3	3	2	3	3	3
BAMC 101.3	3	3	3	3	3	2	3	3	3	3	2	3	3
BAMC 101.4	3	3	3	3	3	3	3	3	3	3	3	3	3
Average	3	3	3	3	3	2.75	3	3	3	2.75	2.75	3	3

BAMC 102: History of Media

Time:3 Hrs.
Credits: 6

Total Marks: 150
Theory: 120
Internal Assessment: 30

Course Objectives: This course will provide an overview of the glorious journey of journalism in India and will also enhance the understanding of the history and development of traditional media and electronic media and films in India.

Course Learning Outcomes:
After completing the Course, the student will be able to:
BAMC 102.1: Learn about the history and development of print media in India.
BAMC 102.2: Understand the origin and development of Indian electronic media.
BAMC 102.3: Know about the history and development of Indian Cinema
BAMC 102.4: Learn about various types of popular traditional media

Note:- The question paper will be divided into five Units containing nine questions. Students are required to attempt five questions in all. There will be two questions in each unit from I to IV and students are required to attempt one question from each unit. Unit V will have only one Compulsory question containing six short notes covering the entire syllabus and students are required to attempt any four. All questions will carry equal marks.

Unit-I

Invention of press
History and growth of Print Media in India
Role of Press in freedom movement.
Growth and Development of print media in Haryana

Unit-II

Invention of Radio
History and Development of Radio in India
Growth of FM Radio in India
History of Community Radio in India

Unit-III

Invention of Television
History and Development of TV in India
Emergence and development of Private Channels in India
Invention of Cinema
History and Development of Indian Cinema
Development of Haryanavi Cinema

Unit-IV

History of Traditional media
Types of Traditional Media: Folk Theatre, Folk Dance, Folk Music
Popular folk media of Haryana

Assignments

- **Prepare a series of Essay (10), choosing two from each units. (Wordlimit-500)**

References :

- Kumar, Keval J., Mass Communication in India. Jaico, Mumbai.
- B.D. Garga, So Many Cinemas-The Motion Picture in India, Bombay, Eminence Design Pvt. Ltd, 1996.
- Erik Barnouw and S. Krishnaswamy: Indian Films, New Delhi, Oxford, 1986
- Luthra, H.R., Indian Broadcasting, Publication Division, New Delhi.
- Nadig Krishnamurthu, India Journalism (From Asokato Nehru),University of Mysore.
- Chatterjee, P.C., Broadcasting in India, New Delhi
- Rangaswamy, Parthasarathi, Journalism in India, Sterling Publication, New Delhi.
- Natarajan, J., History of Indian Journalism, Publication Division, New Delhi.
- Jeffrey, Robin,India's Newspaper REvolution, Oxford University Press, Delhi.
- Singh, Chandrakant, Before the Headlines : A Handbook of Television Journalism, Macmilan India Ltd. Delhi
- Singh, Devvrat, Indian Television: Content, Issues and Challenges, Har Anand Publications Delhi,
- Narayan Sunetra Sen, Globalization and Television, Oxford University Press Delhi.

BAMC 102: History of Media**ProcessCO-PO Mapping Matrix**

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
BAMC 102.1	3	3	3	3	3	3	2	3
BAMC 102.2	3	3	3	3	3	3	3	3
BAMC 102.3	3	3	3	3	3	3	3	3
BAMC 102.4	3	3	3	3	3	3	3	3
Average	3	3	3	3	3	3	2.75	3

CO-PSO Mapping Matrix

CO	PSO1	PSO2	PSO3	PSO4	PSO5
BAMC 102.1	3	2	3	3	3
BAMC 102.2	3	2	3	3	3
BAMC 102.3	3	3	3	3	3
BAMC 102.4	3	3	3	3	3
Average	3	2.5	3	3	3

CO-PO-PSO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
BAMC 102.1	3	3	3	3	3	3	2	3	3	2	3	3	3
BAMC 102.2	3	3	3	3	3	3	3	3	3	2	3	3	3
BAMC 102.3	3	3	3	3	3	3	3	3	3	3	3	3	3
BAMC 102.4	3	3	3	3	3	3	3	3	3	3	3	3	3
Average	3	3	3	3	3	3	2.75	3	3	2.5	3	3	3

BAMC 103: Introduction to Communication

Time:3 Hrs.

Credits: 6

Total Marks: 150

Theory: 120

Internal Assessment: 30

Course Objectives: This course is designed to develop understanding of the basic concept and process of communication. Besides elaborating upon basic models the paper highlights the Indian concept of communication. The prime objective is to enhance communication skills by learning and practice.

Course Learning Outcomes:
After completing the Course, the student will be able to:
BAMC 103.1: Understand basic concept of communication including Indian (Bharatiya) concept
BAMC 103.2: Know about the different levels and types of communication
BAMC 103.3: Develop understanding of basic models of communication
BAMC 104.4: Enhance communication skills by practice

Note:- The question paper will be divided into five Units containing nine questions. Students are required to attempt five questions in all. There will be two questions in each unit from I to IV and students are required to attempt one question from each unit. Unit V will have only one Compulsory question containing six short notes covering the entire syllabus and students are required to attempt any four. All questions will carry equal marks.

UNIT-I

Communication: definition and concept
Evolution of Communication
Process of Communication
Bhartiya Concept and principles of Communication
Need of Communication

UNIT-II

Levels of communication
Principles of communication
Functions of communication
Barriers of communication
Traditional Communication

UNIT-III

Verbal communication
Non verbal communication
Communication Skills: Speaking, Etiquettes, Listening
Presentation Skills
Interview and Group discussion

UNIT-IV

Models of communication:

Sadharanikaran,

Aristotle

SMCR

Osgood,

Dance

Lasswell

New Comb

Assignments

Practice of speech

Practice of pronunciation

Practice of listening

Practice of Interview

Practice of Group Discussion

References :

- 1.Dennis, Mcquail, Mass Communication Theory, Sage Publication, New Delhi.
- 2.Schramm, W. &Roberts,D. F.,The Process and Effects of Mass Communication, Urbana, IL: University of Illinois Press.
- 3.Rayudu. C.S., Communication, Himalaya Publishing House, Mumbai
- 4.Joshi,P.C., Communication &Nation–Building – Perspective and Policy, Publication Division, New Delhi.
- 5.Malhan P.N., Communication Media, Yesterday, Today and Tomorrow, Publication Division, New Delhi.
- 6.Agee, Warren K., Ault Philip H., Introduction to Mass Communication, Oxford &IBH Publishing Company, New Delhi

BAMC 103: Introduction to Communication**CO-PO Mapping Matrix**

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
BAMC 103.1	3	3	3	2	3	3	3	3
BAMC 103.2	3	3	3	3	3	3	3	3
BAMC 103.3	3	3	3	3	3	3	3	3
BAMC 103.4	3	3	3	3	3	3	2	3
Average	3	3	3	2.75	3	3	2.75	3

CO-PSO Mapping Matrix

CO	PSO1	PSO2	PSO3	PSO4	PSO5
BAMC 103.1	3	2	2	2	3
BAMC 103.2	3	3	3	3	3
BAMC 103.3	3	3	3	3	3
BAMC 103.4	3	3	3	3	3
Average	3	2.75	2.75	2.75	3

CO-PO-PSO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
BAMC 103.1	3	3	3	2	3	3	3	3	3	2	2	2	3
BAMC 103.2	3	3	3	3	3	3	3	3	3	3	3	3	3
BAMC 103.3	3	3	3	3	3	3	3	3	3	3	3	3	3
BAMC 103.4	3	3	3	3	3	3	3	2	3	3	3	3	3
Average	3	3	3	2.75	3	3	3	2.75	3	2.75	2.75	2.75	3

BAMC 104: Fundamentals of Computer (Theory)

Time: 3 Hrs.

Credits: 4

Total Marks: 100

Theory: 80

Internal Assessment: 20

Course Objectives: This course is designed for theoretical understanding of computer system and its components, functioning and its application software.

Course Learning Outcomes:
After completing the Course, the student will be able to:
BAMC 104.1: Develop the basic knowledge of computer system.
BAMC 104.2: Know about the functioning of different parts of computer.
BAMC 104.3 Understand the basic concept of Internet and computer networks .
BAMC 104.4: Understand the basics of Application Software.

Note:- The question paper will be divided into five Units containing nine questions. Students are required to attempt five questions in all. There will be two questions in each unit from I to IV and students are required to attempt one question from each unit. Unit V will have only one Compulsory question containing six short notes covering the entire syllabus and students are required to attempt any four. All questions will carry equal marks.

Unit-I

Computer- Origin, Evolution and Generation of Computer

Types of Computer

Basic Components of a Computer- Input Devices, Output Devices, Storage Devices

Introduction to Software

Types of Software - System software, Application software

Introduction of Windows and its various versions

Unit-II

Introduction to Internet and Its applications

Browser, Search Engine, FTP, URL

Email and Blog

Introduction to Network- LAN,WAN,MAN,

Network Topologies-Ring, Bus, Star, Mesh and Tree topologies

Hardware requirements for Network

Unit-III

Introduction to MS Word and its uses

Various Menus, Toolbars & Buttons

Paragraph and Page Formatting

Creation &Working with Tables, Mail Merge

Unit-IV

Introduction to MS Excel and its uses

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Creating Spreadsheet
Creating Tables and Charts
Use of basic arithmetic formulas
Introduction to MS PowerPoint and its uses
Creating a New Presentation
Slide transition and Custom Animation

References:

- Ram, B. 4th ed New Age; *Computer Fundamentals: Architecture & Organization*
Sinha, P. K. BPB; *Computer Fundamentals: Concepts, Systems & Applications*
- Sinha, P. K/ Sinha, P. 3rd ed BPB; *Computer Fundamentals: Concepts, Systems & Applications*
Data Communications and Networking by Behrouz A. Forouzan, Sophia Chung Fegan; Published by Huga Media.2011
- **Goel, Anita Pearson;** *Computer Fundamentals*

BAMC 104: Fundamentals of Computer (Theory)**CO-PO Mapping Matrix**

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
BAMC104.1	3	3	3	3	3	3	3	3
BAMC104.2	3	3	3	3	3	3	3	3
BAMC104.3	3	3	3	3	3	3	3	3
BAMC104.4	3	3	3	3	3	3	3	3
Average	3	3	3	3	3	3	3	3

CO-PSO Mapping Matrix

CO	PSO1	PSO2	PSO3	PSO4	PSO5
BAMC104.1	3	3	3	3	3
BAMC104.2	3	3	3	3	3
BAMC104.3	3	3	3	3	3
BAMC104.4	3	3	3	3	3
Average	3	3	3	3	3

CO-PO-PSO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
BAMC 104.1	3	3	3	3	3	3	3	3	3	3	3	3	3
BAMC 104.2	3	3	3	3	3	3	3	3	3	3	3	3	3
BAMC 104.3	3	3	3	3	3	3	3	3	3	3	3	3	3
BAMC 104.4	3	3	3	3	3	3	3	3	3	3	3	3	3
Average	3	3	3	3	3	3	3	3	3	3	3	3	3

BAMC 105: Fundamentals of Computer (Practical)

Time: 3 Hrs.

Credits: 2

Total Marks: 50

Practical: 40

Internal Assessment: 10

Course Objective: This course is designed for practical understanding of commonly used application software and its functioning.

Course Learning Outcomes:
After completing the Course, the student will be able to:
BAMC 105.1: Use MS-Word
BAMC 105.2: Use MS-Excel
BAMC 105.3: Use PowerPoint
BAMC 105.4: Create Email account, compose & send emails for personal and professional communication.

Note:- The students will do practical assignments assigned by the concerned teacher throughout the whole semester and will submit them in the form of hardcopy/softcopy to the teacher. External Examiner will evaluate the work done by the student, will conduct the practical and viva voce.

List of Practical Exercises:
To create a new document, save, open an existing document
Typing and editing texts in a document (*.doc) file.
Apply formats on Texts like Bold, Italics, Underline, font type, colour and size etc.
Apply features like bullet, numbering, breaks, hyphenation
Indentation, leading and kerning using space bar and TAB
Insert images, symbols and mathematical equations
Create and manipulate tables.
Page layout, Page Setup, Paragraph setting
Page Break, Page Numbering, Find & Replace Text, Header & Footer
Designing Resume, timetable of a class, mail merge
Print a document
Create a Spread Sheet, Cell formatting, Basic arithmetic formulas, Freeze Pane and Sort & Filter, Inserting the chart
Basic operations of Power point, Create PPT and inset and delete slides.
Use of Master Slide in Presentation.
Apply basic formatting features in presentation like font, font size, font colour, text fill, spacing and line spacing Formatting text boxes, word arts, styles bullet and numbering.
Working with drawing tools, Applying shape or picture styles, Applying object borders, object fill, object effects
Adding slide transition, animation effect, adding custom animation
Working with video, Link to video and sound files.

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Creating Email- composing and sending a mail, attachment a file, forwarding the email, changing and setting the password

BAMC 105: Fundamentals of Computer (Practical)

CO-PO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
BAMC 105.1	3	3	3	3	3	3	3	3
BAMC 105.2	3	3	3	3	3	3	3	3
BAMC105.3	3	3	3	3	3	3	3	3
BAMC105.4	3	3	3	3	3	3	3	3
Average	3	3	3	3	3	3	3	3

CO-PSO Mapping Matrix

CO	PSO1	PSO2	PSO3	PSO4	PSO5
BAMC105.1	3	3	3	3	3
BAMC 105.2	3	3	3	3	3
BAMC 105.3	3	3	3	3	3
BAMC 105.4	3	3	3	3	3
Average	3	3	3	3	3

CO-PO-PSO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
BAMC 105.1	3	3	3	3	3	3	3	3	3	3	3	3	3
BAMC 105.2	3	3	3	3	3	3	3	3	3	3	3	3	3
BAMC105.3	3	3	3	3	3	3	3	3	3	3	3	3	3
BAMC105.4	3	3	3	3	3	3	3	3	3	3	3	3	3
Average	3	3	3	3	3	3	3	3	3	3	3	3	3

B-EVS100 : Environment Studies

Time: 3 Hrs.
Credits: 2

Total Marks: 50
Theory: 40
Internal Assessment: 10

Scheme of paper: Total number of questions will be nine. Students have to attempt five questions in all. Questions no. 1 is compulsory. All questions carry equal marks. Each question is of 8 marks.

Course objectives: The aim of this course is to aware the students about the environmental problems and current global issues related to environment. It provides knowledge about the topics like ecosystem and biodiversity and develops interest in the students about their role in conservation of environment and reducing pollution and waste generation in their surroundings. By understanding the environmental problems, their causes and solutions, the students can apply it to their daily lives also.

Course Outcomes:

COs	On successful completion of the course, the students will be able to:
1	Understand the definition of environmental studies, its scope and importance in the conservation of environment.
2	Understand the concept of ecosystem and different types of natural and artificial ecosystems in the world, the biogeochemical cycling and energy flow in an ecosystem.
3	Describe the various renewable and non-renewable natural resources and their over-exploitation due to increasing demands of rising population.
4	Become aware about our biodiversity, its importance and the various threats that are a problem for the biodiversity. They will understand the endangered species and their conservation measures that are needed to be adopted at different levels.
5	Have understanding about the types of pollution and how to reduce those pollution levels in air, soil, water, land and from marine bodies as well. They

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	will develop interest in reducing the solid waste generation as well as its management at household level.
6	Gain knowledge of various global environmental issues like climate change, global warming and ozone depletion and also about different environmental laws implemented to conserve the environment.
7	Explain the concept of population growth and drug abuse.

Unit 1: Introduction to environmental studies

Multidisciplinary nature of environmental studies;

Scope and importance; Concept of sustainability and sustainable development. (2 lectures)

Unit 2: Ecosystems

What is an ecosystem? Structure and function of ecosystem; Energy flow in an ecosystem: food chains, food webs and ecological succession.

Case studies of the following ecosystems :

- a) Forestecosystem
- b) Grasslandecosystem
- c) Desertecosystem
- d) Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries) (6 lectures)

Unit 3: Natural Resources: Renewable and Non-renewable Resources

Land resources and landuse change; Land degradation, soil erosion and desertification.

Deforestation: Causes and impacts due to mining, dam building on environment, forests, biodiversity and tribal populations.

Water: Use and over-exploitation of surface and ground water, floods, droughts, conflicts over water (international & inter-state).

Energy resources: Renewable and non-renewable energy sources, use of alternate energy sources, growing energy needs, case studies. (8 lectures)

Unit 4: Biodiversity and Conservation

Levels of biological diversity: genetic, species and ecosystem diversity; Biogeographic zones of India; Biodiversity patterns and global biodiversity hot spots

India as a mega-biodiversity nation; Endangered and endemic species of India

Threats to biodiversity: Habitat loss, poaching of wildlife, man-wildlife conflicts, biological invasions; Conservation of biodiversity : In-situ and Ex-situ conservation of biodiversity.

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Ecosystem and biodiversity services: Ecological, economic, social, ethical, aesthetic and Informational value.

(8 lectures)

Unit 5 : Environmental Pollution

Environmental pollution: types, causes, effects and controls; Air, water, soil and noise pollution

Nuclear hazards and human health risks

Solid waste management: Control measures of urban and industrial waste.

Pollution case studies.

(8 lectures)

Unit 6 : Environmental Policies & Practices

Climate change, global warming, ozone layer depletion, acid rain and impacts on human communities and agriculture

Environment Laws: Environment Protection Act; Air (Prevention & Control of Pollution) Act; Water (Prevention and control of Pollution) Act; Wildlife Protection Act; Forest Conservation Act. International agreements: Montreal and Kyoto protocols and Convention on Biological Diversity (CBD).

Nature reserves, tribal populations and rights, and human wildlife conflicts in Indian context.

(7 lectures)

Unit 7: Human Communities and the Environment

Human population growth: Impacts on environment, human health and welfare.

Resettlement and rehabilitation of project affected persons; case studies.

Disaster management: floods, earthquake, cyclones and landslides.

Environmental movements: Chipko, Silent valley, Bishnois of Rajasthan.

Environmental ethics: Role of Indian and other religions and cultures in environmental conservation.

Environmental communication and public awareness, case studies (e.g., CNG vehicles in Delhi)

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Drugs and their effects; Useful and harmful drugs; Use and abuse of drugs; Stimulant and depressant drugs. Concept of drug de-addiction. Legal position on drugs and laws related to drugs.

(6 lectures)

Unit 8: Field work

Visit to an area to document environmental assets: river/ forest/ flora/fauna, etc.

Visit to a local polluted site-Urban/Rural/Industrial/Agricultural.

Study of common plants, insects, birds and basic principles of identification.

Study of simple ecosystems-pond, river, Delhi Ridge, etc.

(Equal to 5 lectures)

Suggested Readings:

- 1) Carson, R. 2002. Silent Spring. Houghton Mifflin Harcourt.
- 2) Gadgil, M., & Guha, R. 1993. This Fissured Land: An Ecological History of India. Univ. of California Press.
- 3) Gleeson, B. and Low, N. (eds.) 1999. Global Ethics and Environment, London, Routledge.
- 4) Gleick, P.H. 1993. Water in Crisis. Pacific Institute for Studies in Dev., Environment & Security. Stockholm Env. Institute, Oxford Univ. Press.
- 5) Groom, Martha J., Gary K. Meffe, and Carl Ronald Carroll. Principles of Conservation Biology. Sunderland: Sinauer Associates, 2006.
- 6) Grumbine, R. Edward, and Pandit, M.K. 2013. Threats from India's Himalayas. Science, 339:36-37.
- 7) McCully, P. 1996. Rivers no more: the environmental effects of dams (pp. 29-64). Zed Books.
- 8) McNeill, John R. 2000. Something New Under the Sun: An Environmental History of the Twentieth Century.
- 9) Odum, E.P., Odum, H.T. & Andrews, J. 1971. Fundamentals of Ecology. Philadelphia: Saunders.
- 10) Pepper, I.L., Gerba, C.P. & Brusseau, M.L. 2011. Environmental and Pollution Science. Academic Press.
- 11) Rao, M.N. & Datta, A.K. 1987. Waste Water Treatment. Oxford and IBH Publishing Co. Pvt. Ltd.
- 12) Raven, P.H., Hassenzahl, D.M. & Berg, L.R. 2012. Environment. 8th edition. John Wiley & Sons.
- 13) Rosencranz, A., Divan, S., & Noble, M.L. 2001. Environmental law and policy in India. Tripathi 1992.
- 14) Sengupta, R. 2003. Ecology and economics: An approach to sustainable development. OUP.
- 15) Singh, J.S., Singh, S.P. and Gupta, S.R. 2014. Ecology, Environmental Science and Conservation. S. Chand Publishing, New Delhi.
- 16) Sodhi, N.S., Gibson, L. & Raven, P.H. (eds). 2013. Conservation Biology: Voices from the Tropics. John Wiley & Sons.
- 17) Thapar, V. 1998. Land of the Tiger: A Natural History of the Indian Subcontinent.
- 18) Warren, C. E. 1971. Biology and Water Pollution Control. W.B. Saunders.
- 19) Wilson, E. O. 2006. The Creation: An appeal to save life on earth. New York: Norton.
- 20) World Commission on Environment and Development. 1987. Our Common Future. Oxford University

B-HIN 100 : Communicative Hindi

Time: 2 Hrs.

Credits: 2

Total Marks: 50

Theory: 40

Internal assessment: 10

Course Objectives: The Paper is designed to enhance proficiency in Hindi Language. It seeks to develop the basic of Hindi Language through different modules. Each unit will enable the learner to have the communication in Hindi and to share and express ideas and experiences.

Course Learning Outcomes:
After completing the Course, the student will be able to:
B-HIN 100.1: Develop the knowledge of basics of Hindi language.
B-HIN 100.2: Improve vocabulary in Hindi language.
B-HIN 100.3: : Inculcate the knowledge of grammar in Hindi language
B-HIN 100.4: Learn correct uses of Hindi language in media writing

Note:- The question paper will be divided into five Units containing nine questions. Students are required to attempt five questions in all. There will be two questions in each unit from I to IV and students are required to attempt one question from each unit. Unit V will have only one Compulsory question containing six short notes covering the entire syllabus and students are required to attempt any four. All questions will carry equal marks.

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- o >KYV\$ M,- naxy] c; kstu eyd fglnh fl) kravks] c; sx] ok.kh cdk'ku] ubZfnYyh
- o xknj\$ M,- foukn] c; kstu eyd fglnh] ok.kh cdk'ku] ubZfnYyh
- o jk.kk] egkæ fl g] c; kstu eyd fglnh ds vk/kjud vk; ke] g"lz cdk'ku] vkxjk
- o d'ekj pn] tul pkj ek/; ekæa fglnh] DykfI dy ifcyf'kæ dEiuh] fnYyh

LOCF/CBCS/B.A. (Mass Communication)/KUK

B-HIN100 : Communicative Hindi

CO-PO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
B-HIN100.1	3	3	3	3	2	2	2	3
B-HIN100.2	3	3	3	3	2	2	2	3
B-HIN100.3	3	3	3	3	2	2	2	3
B-HIN100.4	3	3	3	3	2	2	2	3
Average	3	3	3	3	2	2	2	3

CO-PSO Mapping Matrix

CO	PSO1	PSO2	PSO3	PSO4	PSO5
B-HIN100.1	2	2	2	2	2
B-HIN100.2	2	2	2	2	2
B-HIN100.3	2	2	2	2	2
B-HIN100.4	2	2	2	2	2
Average	2	2	2	2	2

CO-PO-PSO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
B-HIN100.1	3	3	3	3	2	2	2	3	2	2	2	2	2
B-HIN100.2	3	3	3	3	2	2	2	3	2	2	2	2	2
B-HIN100.3	3	3	3	3	2	2	2	3	2	2	2	2	2
B-HIN100.4	3	3	3	3	2	2	2	3	2	2	2	2	2
Average	3	3	3	3	2	2	2	3	2	2	2	2	2

BAMC 201: News writing (Theory)

Time:3 Hrs.

Credits: 4

Total Marks:100

Theory: 80

Internal Assessment:20

Course Objectives: This paper will help the learners to understand the concept of news and basics of news writing. It will also help to understand different writing including web writing.

Course Learning Outcomes:
After completing the Course, the student will be able to:
BAMC 201.1: Understand the concept of news
BAMC 201.2 : Know about the basics of news writing.
BAMC 201.3: Understand different writing techniques.
BAMC 201.4: Develop the skills for online writing.

Note:- The question paper will be divided into five Units containing nine questions. Students are required to attempt five questions in all. There will be two questions in each unit from I to IV and students are required to attempt one question from each unit. Unit V will have only one Compulsory question containing six short notes covering the entire syllabus and students are required to attempt any four. All questions will carry equal marks.

UNIT-I

Concept, Definitions and Elements of News

Functions of News

News values

Qualities of News:Truth, Objectivity, Diversity, Plurality, Credibility

UNIT-II

Principles of news writing

News : structure and content

Difference between news

writing and other forms of

media writing

Various types of news writing styles

Headlines: Types and Importance

Types of Intro, Writing intro

UNIT-III

Types of News stories: Hard News, Soft News

Article writing, Feature writing

Writing Backgrounder, News Analysis

News Writing based on

Interviews

UNIT-IV

Skills for Online Writing

LOCF/CBCS/B.A. (Mass Communication)/KUK

News Writing for:
Facebook, Twitter, Instagram
Blog writing

References:

- George, A. H. (1990). News Writing, Kanishka Publications.
- Stein, P. & Burnett (2000), Newswriter's Handbook: An Introduction to Journalism, Blackwell Publishing.
- Itule & Anderson (2002). News Writing and reporting for today's media, McGraw Hill Publication
- Harold Evans, 'Newsman's English' William Hainemann Ltd, 1972.
- M.L. Stein and Susan F. Paterno, 'The News Writer's Handbook', Surjeet Publications, New Delhi, 2003.
- George A. Hough, 'News Writing', Kanishka Publishers, New Delhi, 2006.
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- Dr Madhu Deep Singh, Media Plurality and Diversity, ISBN-978-81-931528-1-2
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BAMC 201: News Writing (Theory)**CO-PO Mapping Matrix**

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
BAMC 201.1	3	3	3	3	3	3	3	3
BAMC 201.2	3	3	3	3	3	3	3	3
BAMC 201.3	3	3	3	3	3	3	3	3
BAMC 201.4	3	3	3	3	3	3	3	3
Average	3	3	3	3	3	3	3	3

CO-PSO Mapping Matrix

CO	PSO1	PSO2	PSO3	PSO4	PSO5
BAMC 201.1	3	2	3	3	3
BAMC 201.2	3	3	3	3	3
BAMC 201.3	3	3	3	3	3
BAMC 201.4	3	3	3	3	3
Average	3	2.75	3	3	3

CO-PO-PSO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
BAMC 201.1	3	3	3	3	3	3	3	3	3	2	3	3	3
BAMC 201.2	3	3	3	3	3	3	3	3	3	3	3	3	3
BAMC 201.3	3	3	3	3	3	3	3	3	3	3	3	3	3
BAMC 201.4	3	3	3	3	3	3	3	3	3	3	3	3	3
Average	3	3	3	3	3	3	3	3	3	2.75	3	3	3

BAMC 202: News Writing (Practical)

Time:3 Hrs.

Credits: 2

Total Marks: 50

Practical: 40

Internal Assessment: 10

Course Objectives: This paper will help the learners to practise news writing and develop skills required to be used in professional field.

Course Learning Outcomes:
After completing the Course, the student will be able to:
BAMC 202.1: Write news in different styles
BAMC 202.2 : Write headlines and intros
BAMC 202.3: Features, articles, news analysis and backgrounders
BAMC 202.4: Write for online platforms

Note:- The students will do practical assignments assigned by the concerned teacher throughout the whole semester and will submit them in the form of hardcopy/softcopy to the teacher. External Examiner will evaluate the work done by the student, will conduct the practical and viva voce.

List of Practical Exercises:
Write any five news (hard)stories for print.
Write any five news (soft)stories for print.
Write headline for 10 stories
Write intro of 5 stories
Write 2 features and 2 articles on any topic
Write news analysis and backgrounder
Create your own blog on any topic of your interest

BAMC 202: News Writing (Practical)**CO-PO Mapping Matrix**

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
BAMC 202.1	3	3	3	3	3	3	2	3
BAMC 202.2	3	3	3	3	3	3	3	3
BAMC 202.3	3	3	3	3	3	3	3	3
BAMC 202.4	3	3	3	3	3	3	3	3
Average	3	3	3	3	3	3	2.75	3

CO-PSO Mapping Matrix

CO	PSO1	PSO2	PSO3	PSO4	PSO5
BAMC 202.1	3	3	3	3	3
BAMC 202.2	3	2	3	3	3
BAMC 202.3	3	3	3	3	3
BAMC 202.4	3	3	3	3	3
Average	3	2.75	3	3	3

CO-PO-PSO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
BAMC 202.1	3	3	3	3	3	3	2	3	3	3	3	3	3
BAMC 202.2	3	3	3	3	3	3	3	3	3	2	3	3	3
BAMC 202.3	3	3	3	3	3	3	3	3	3	3	3	3	3
BAMC 202.4	3	3	3	3	3	3	3	3	3	3	3	3	3
Average	3	3	3	3	3	3	2.75	3	3	2.75	3	3	3

BAMC 203: Basics of Reporting (Theory)

Time:3 Hrs.
Credits: 4

Total Marks: 100
Theory: 80
Internal Assessment: 20

Course Objectives: The course is designed to impart knowledge about the basics of reporting And to familiarize the students with different types of reporting with a focus to create understanding of specialized reporting.

Course Learning Outcomes:
After completing the Course, the student will be able to:
BAMC 203.1: Understand the basics of reporting
BAMC 203.2 Familiarize with different types of reporting.
BAMC 203.3: Develop understanding of specialized reporting.
BAMC 203.4: Learn ethics and skills of reporting

Note:- The question paper will be divided into five Units containing nine questions. Students are required to attempt five questions in all. There will be two questions in each unit from I to IV and students are required to attempt one question from each unit. Unit V will have only one Compulsory question containing six short notes covering the entire syllabus and students are required to attempt any four. All questions will carry equal marks.

UNIT-I

Concept, definitions and elements of Reporting
Sources of News, News gathering, Verification and Validation of facts
Cultivation of sources
Reporting hierarchy in a Newspaper
Ethics of reporting

UNIT-II

Reporting Techniques and skills
Types of Reporting
Press conference, Press briefing and Meet the press
Conducting interviews

Unit-III

Political reporting
Crime reporting
Life style and entertainment reporting
Sports reporting

UNIT-IV

Health reporting
Education reporting
Agriculture reporting
Science and Technology reporting

References :

1. M.V. Kamath: Professional Journalism; Vikas Publishing, New Delhi.
2. K.M. Srivastava News Reporting and Editing.
3. Lynette Sheridan Burns: Understanding Journalism; Vistaar Publications.
4. Tony Harcup: Journalism: Principles and Practice; Sage.
5. Here is the News: Reporting for Media, Sterling Publishers.
6. Flemming and Hemmingway (2005), An Introduction to journalism, Vistaar Publications.
7. Richard, K. (2000). The Newspaper's Handbook, Routledge Publication.
8. Frost, C. (2001). Reporting for Journalists, Routledge, London.
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10. Trikha, N.K, Reporting, Makhanlal Chaturvedi Rashtriya Patrakarita Avam Sanchar Vishwavidyalaya.
11. Drone Journalism- Dr Abid Ali, Sankalp Publication
12. Dr. Ashok Kumar Samachar Lekhan avam Reporting, Shivalik Prakashan New Delhi,

BAMC 203: Basics of Reporting (Theory)**CO-PO Mapping Matrix**

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
BAMC 203.1	3	3	3	3	3	3	2	2
BAMC 203.2	3	3	3	3	3	3	3	3
BAMC 203.3	3	3	3	3	3	3	3	3
BAMC 203.4	3	3	3	3	3	3	3	3
Average	3	3	3	3	3	3	2.75	2.75

CO-PSO Mapping Matrix

CO	PSO1	PSO2	PSO3	PSO4	PSO5
BAMC 203.1	3	3	2	3	3
BAMC 203.2	3	3	3	2	3
BAMC 203.3	3	3	3	2	3
BAMC 203.4	3	3	3	3	3
Average	3	3	2.75	2.5	3

CO-PO-PSO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
BAMC 203.1	3	3	3	3	3	3	2	2	3	3	2	3	3
BAMC 203.2	3	3	3	3	3	3	3	3	3	3	3	2	3
BAMC 203.3	3	3	3	3	3	3	3	3	3	3	3	2	3
BAMC 203.4	3	3	3	3	3	3	3	3	3	3	3	3	3
Average	3	3	3	3	3	3	2.75	2.75	3	3	2.75	2.5	3

BAMC 204: Basics of Reporting (Practical)

Time:3 Hrs.

Credits: 2

Total Marks: 50

Practical: 40

Internal Assessment: 10

Course Objectives: This paper is designed to impart the practical knowledge about reporting and its various types.

Course Learning Outcomes:
After completing the Course, the student will be able to:
BAMC 204.1: Report political and crime stories
BAMC 204.2: Report life style and entertainment stories
BAMC 204.3: Report health and education related issues
BAMC 204.4: Report agriculture and science related issues

Note:- The students will do practical assignments assigned by the concerned teacher throughout the whole semester and will submit them in the form of hardcopy/softcopy to the teacher. External Examiner will evaluate the work done by the student, will conduct the practical and viva voce.

List of Practical Exercises:
Write 5 political and 5 crime stories.
Write 5sports and 5 education related stories.
Write 5health and 5 science and technology related stories.
Write 5life style reports.
Write 5agriculture related stories .
Conduct and write 2 interviews
Report a press conference

BAMC 204: Basics of Reporting (Practical)

CO-PO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
BAMC 204.1	3	3	3	3	3	3	3	3
BAMC 204.2	3	3	3	3	3	3	3	3
BAMC 204.3	3	3	3	3	3	3	2	3
BAMC 204.4	3	3	3	3	3	3	2	3
Average	3	3	3	3	3	3	2.5	3

CO-PSO Mapping Matrix

CO	PSO1	PSO2	PSO3	PSO4	PSO5
BAMC 204.1	3	3	2	2	3
BAMC 204.2	3	3	3	3	3
BAMC 204.3	3	3	3	3	3
BAMC 204.4	3	3	3	3	3
Average	3	3	2.75	2.75	3

CO-PO-PSO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
BAMC 204.1	3	3	3	3	3	3	3	3	3	3	2	2	3
BAMC 204.2	3	3	3	3	3	3	3	3	3	3	3	3	3
BAMC 204.3	3	3	3	3	3	3	2	3	3	3	3	3	3
BAMC 204.4	3	3	3	3	3	3	2	3	3	3	3	3	3
Average	3	3	3	3	3	3	2.5	3	3	3	2.75	2.75	3

BAMC 205: Basics of Editing (Theory)

Time:3 Hrs.
Credits: 4

Total Marks: 100
Theory: 80
Internal Assessment: 20

Course Objectives: The purpose of this paper is to familiarize the students with the basics of editing, to understand the concept of design and develop basic understanding of newspaper designing software.

Course Learning Outcomes:
After completing the Course, the student will be able to:
BAMC 205.1: Understand the basics of editing.
BAMC 205.2 : Understand the process of editing
BAMC 205.3: Understand about dummy, design and layout
BAMC 205.4: Understand usage of newspaper designing software.

Note:- The question paper will be divided into five Units containing nine questions. Students are required to attempt five questions in all. There will be two questions in each unit from I to IV and students are required to attempt one question from each unit. Unit V will have only one Compulsory question containing six short notes covering the entire syllabus and students are required to attempt any four. All questions will carry equal marks.

UNIT-I

Editing: concept, definition and its significance
Principles of Editing
Hierarchy of Editorial staff in a newspaper
Role of News Editor, Chief Sub Editor and Copy Editor

UNIT-II

News Editing : Copy writing, copy selection, story structure
Writing intro and importance of intro in a story
Writing headlines and importance of headlines in a story
Characteristics of a good copy

UNIT-III

Design: meaning and significance
Elements of design
Principles of design
Concept and Utility of Dummy
Photo selection, photo cropping and writing caption

UNIT-IV

Software for designing Newspaper
Quark-tools and applications
In design-tools and applications

References :

1. Shrivastava, K.M., 'Newsreporting and editing', Sterling publishers Pvt. Ltd, New Delhi, 2003.
2. Kamath M.V., 'Professional Journalism', Vikas publishing House, New Delhi. 1980.
3. Vir Bala Aggarwal, 'Essentials of Practical Journalism', concept publishing Company, New Delhi, 2006.
4. Joseph M.K., 'Outline of Editing', Anmol Publications, New Delhi, 2002.
5. Darkroom basics and beyond, Roger Hicks & Francis Schultz, Patterson, 2000
6. Tom Ang, Digital Photography - An Introduction, 4th Edition, Penguin Publisher, 2016
Rogers, G. (1993). Editing for Print, Macdonald Book. • Prasad, S. (1993). Editor on Editing/HY, National Book Trust.
7. Hodgson, F.W. (1987). Subediting: A Handbook of Modern Newspaper Editing & Production, Focal Press.
8. Click & Baird (1994). Magazine Editing & Production, WCB Brown & Benchmark.
Hicks & Homes, (2001). Sub-editing for Journalists, Routledge.
9. John, Marydasan (2015) Editing Today: Rules, Tools and Styles, Media House, New Delhi

BAMC 205: Basics of Editing (Theory)**CO-PO Mapping Matrix**

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
BAMC 205.1	3	3	3	3	3	3	3	3
BAMC 205.2	3	3	2	3	3	3	3	3
BAMC 205.3	3	3	3	3	3	3	3	3
BAMC 205.4	3	3	3	3	3	3	3	3
Average	3	3	2.75	3	3	3	3	3

CO-PSO Mapping Matrix

CO	PSO1	PSO2	PSO3	PSO4	PSO5
BAMC 205.1	3	3	3	3	3
BAMC 205.2	3	3	3	2	3
BAMC 205.3	3	3	3	3	3
BAMC 205.4	3	3	3	2	3
Average	3	3	3	2.5	3

CO-PO-PSO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
BAMC 205.1	3	3	3	3	3	3	3	3	3	3	3	3	3
BAMC 205.2	3	3	3	3	3	3	3	3	3	3	3	2	3
BAMC 205.3	3	3	3	3	3	3	3	3	3	3	3	3	3
BAMC 205.4	3	3	3	3	3	3	3	3	3	3	3	2	3
Average	3	3	3	3	3	3	3	3	3	3	3	2.5	3

BAMC 206: Basics of Editing (Practical)

Total Marks: 50

Credits: 2

Practical: 40

Internal Assessment: 10

Course Objectives: The purpose of this paper is to give practical experience of editing and newspaper designing software.

Course Learning Outcomes:
After completing the Course, the student will be able to:
BAMC 206.1: Edit news stories.
BAMC 206.2 : Write intros and headlines
BAMC 206.3: Design lab newspaper
BAMC 206.4: Select and crop photos

Practical Assignments

- Copyediting assignment.
- Writing Headlines for different types of news.
- Intro/lead writing assignment.
- Creating dummy.
- Layout: Preparing layout of the front, back and other pages of a newspaper
- Photo coverage of news events in the campus or outside.
- Writing photo caption

BAMC 206: Basics of Editing (Practical)**CO-PO Mapping Matrix**

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
BAMC 206.1	3	3	3	3	3	3	3	3
BAMC 206.2	3	3	3	3	3	3	3	3
BAMC 206.3	3	3	3	3	3	3	2	3
BAMC 206.4	3	3	3	3	3	3	3	3
Average	3	3	3	3	3	3	2.75	3

CO-PSO Mapping Matrix

CO	PSO1	PSO2	PSO3	PSO4	PSO5
BAMC 206.1	3	3	3	3	3
BAMC 206.2	3	3	3	3	3
BAMC 206.3	3	3	3	3	3
BAMC 206.4	3	3	3	3	3
Average	3	3	3	3	3

CO-PO-PSO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
BAMC 206.1	3	3	3	3	3	3	3	3	3	3	3	3	3
BAMC 206.2	3	3	3	3	3	3	3	3	3	3	3	3	3
BAMC 206.3	3	3	3	3	3	3	2	3	3	3	3	3	3
BAMC 206.4	3	3	3	3	3	3	3	3	3	3	3	3	3
Average	3	3	3	3	3	3	2.75	3	3	3	3	3	3

BAMC 207: INDIAN CONSTITUTION AND MEDIA LAWS

Time:3 Hrs.
Credits: 6

Total Marks: 150
Theory: 120
Internal Assessment: 30

Course Objectives: The course is designed to impart knowledge about main features of Indian Constitution. The focus is to teach journalistic ethics, basic Media Laws that a budding professional should know before entering into the media industry.

Course Learning Outcomes:
After completing the Course, the student will be able to:
BAMC 207.1: Understand The Indian Constitution and its features
BAMC 207.2: Understand journalistic ethics with reference to regulatory bodies
BAMC 207.3: Understand laws related to press and electronic media
BAMC 207.4: Understand laws useful for a journalist

Note:- The question paper will be divided into five Units containing nine questions. Students are required to attempt five questions in all. There will be two questions in each unit from I to IV and students are required to attempt one question from each unit. Unit V will have only one Compulsory question containing six short notes covering the entire syllabus and students are required to attempt any four. All questions will carry equal marks.

UNIT-I

Introduction of the Indian Constitution, Preamble, Salient features of Constitution
Freedom of Speech and expression in context of Indian Media
Constitutional Amendments (Articles 368)

UNIT –II

Fundamental rights, Fundamental duties
Directive principles of state policies
Emergency powers (Articles 352,356,360)

UNIT –III

Journalistic Ethics with special reference PCI, Editor Guild of India
Press and Books Registration Act
Working Journalists Act
Knowledge of IPC sections 300, 302, 307, 509, 354
Right to Information Act 2005
Official Secrets Act

UNIT –IV

Defamation: Libel, Slander
Copyright Act.1957

LOCF/CBCS/B.A. (Mass Communication)/KUK

Contempt of Court Act
Prasar Bharati Act

Assignments

- Case studies of any five recent cases related to various media laws.

References:

- Law of the Press in India, Durgadas Basu, Prentice Hall, London, 1980.
- Law of Contempt of Court in India, B. S. Nayar, Atlantic New Delhi, 2004
- Mass media Law and Regulation in India AMIC publication.
- Bharat mein Praveshvidhi by Surendra Kumar & Manas Prabhakar.
- Mass media law and regulation in India, VenkatAiyer, AMIC publication.
- K.S. Venkateswaran, Mass Media law and Regulations in India, Published by AMIC.

BAMC 207: INDIAN CONSTITUTION AND MEDIA LAWS**Process CO-PO Mapping Matrix**

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
BAMC 207.1	3	3	3	3	3	3	2	3
BAMC 207.2	3	3	3	3	3	3	3	3
BAMC 207.3	3	3	3	3	3	3	3	3
BAMC 207.4	3	3	3	3	3	3	3	3
Average	3	3	3	3	3	3	2.75	3

CO-PSO Mapping Matrix

CO	PSO1	PSO2	PSO3	PSO4	PSO5
BAMC 207.1	3	2	3	3	3
BAMC 207.2	3	2	3	3	3
BAMC 207.3	3	3	3	3	3
BAMC 207.4	3	3	3	3	3
Average	3	2.5	3	3	3

CO-PO-PSO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
BAMC 207.1	3	3	3	3	3	3	2	3	3	2	3	3	3
BAMC 207.2	3	3	3	3	3	3	3	3	3	2	3	3	3
BAMC 207.3	3	3	3	3	3	3	3	3	3	3	3	3	3
BAMC 207.4	3	3	3	3	3	3	3	3	3	3	3	3	3
Average	3	3	3	3	3	3	2.75	3	3	2.5	3	3	3

Learning Outcomes-based Curriculum Framework (LOCF)

for

B.Sc. (Printing & Packaging Technology)

A Three Year Bachelor Degree Programme

under

**Choice Based Credit System (CBCS)/Learning Outcomes-based Curriculum
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w.e.f. Academic Session 2020-21.

Eligibility: 10+2 in any discipline



**Institute of Mass Communication & Media Technology
Kurukshetra University, Kurukshetra**

LOCF/CBCS/B.Sc. (Printing & Packaging Technology)/KUK

Proposed scheme for Choice Based Credit System in B.Sc. (Printing & Packaging Technology) Programme

Semester	CORE COURSE (CC) @ 6 Credits	Ability Enhancement Compulsory Course (AECC) @ 2 Credits	Skill Enhancement Course (SEC) @ 2 Credits	Discipline Specific Elective DSE @ 6 Credits
I	CC- 1 CC- 2 CC- 3 CC- 4	(English/MIL Communication)/Environmental Studies		
II	CC- 5 CC- 6 CC- 7 CC- 8	(English/MIL Communication) / Environmental Studies, Hindi		
III	CC- 9 CC- 10 CC- 11 CC- 12		SEC-1	
IV	CC- 13 CC- 14 CC- 15 CC- 16		SEC -2	
V			SEC -3/MOOC*	DSE-1 (Elective Subject)
				DSE-2 (Elective Subject)
				DSE-3 (Elective Subject)
	Internship/Industry Training **			
VI			SEC-4	DSE-4 (Elective Subject)
				DSE-5 (Elective Subject)
				DSE-6 (Elective Subject)

AECC will be offered according to the time table adjustments in the Institute/Department.

*MOOC Course from Swayam Portal.

** SEC can be offered in 3rd/4th/5th semester according to the time table adjustments in the institute.

****Internship/Industry Training** A candidate must complete industry training of 4 to 6 weeks after completion of theory examination of 4th semester. The internship report will be submitted in 5th semester.

General instructions:

- One credit equivalent to 1 hour of teaching/2 hours of Practical work
- Teaching workload will be calculated on the basis of teaching contact hours of the course
- One credit (theory /Practical) equivalent to 25 marks

Total No. of Courses, Credit and Marks

Course	No. of Courses	Credits Teaching/Week	Credits Practical/Week	Credits Tutorials/Week	Total Credits	Marks
Core Courses	16	16x4=64	16x2=32	--	64+32=96	16x150=2400
AECC	3	3x2=6	--	--	6	3x50=150
SEC	4	4x2=8	--	--	8	4x50=200
DSE	6	6x4=24	6x2=12	--	24+12=36	6x150=900
Industrial Training	--	--	--	--	2	1x50=50
Total	29	102	44	-	148	3700

LOCF/CBCS/B.Sc. (Printing & Packaging Technology)/KUK

**Scheme of Examination of B.Sc (Printing & Packaging Technology) under CBCS/LOCF for
Institute of Mass Communication & Media Technology (IMC&MT, KUK) w.e.f. Academic
Session 2020-21**

Semester-I

Course Code	Course Title	Course Type	Contact Hours per Week				Credits	Total Credits	Marks				Duration of Exam
			L	T	P	Total			T	P	IA	Total	
AECC-100	Communicative English	AECC-1	2	-	-	2	2	2	40	-	10	50	2 Hours
BPPT 101	Printing Process (Theory)	CC-1	4	-	-	4	4	6	80	-	20	100	3 Hours
BPPT 102	Printing Process (Practical)		-	-	2	4	2		-	40	10	50	3 Hours
BPPT 103	Typography (Theory)	CC-2	4	-	-	4	4	6	80	-	20	100	3 Hours
BPPT 104	Typography (Practical)		-	-	2	4	2		-	40	10	50	3 Hours
BPPT 105	Fundamentals of Packaging (Theory)	CC-3	4	-	-	4	4	6	80	-	20	100	3 Hours
BPPT 106	Fundamentals of Packaging (Practical)		-	-	2	4	2		-	40	10	50	3 Hours
BPPT 107	Fundamentals of Computer (Theory)	CC-4	4	-	-	4	4	6	80	-	20	100	3 Hours
BPPT 108	Fundamentals of Computer (Practical)		-	-	2	4	2		-	40	10	50	3 Hours
Total Credits								26	Total Marks			650	

Semester-II

Course Code	Course Title	Course Type	Contact Hours per Week				Credits	Total Credits	Marks				Duration of Exam
			L	T	P	Total			T	P	IA	Total	
B-EVS 100	Environmental Studies	AECC-2	2	-	-	2	2	2	40	-	10	50	3 Hours
B-HIN 100	Communicative Hindi	AECC-3	2	-	-	2	2	2	40	-	10	50	2 Hours
BPPT 201	Food Packaging (Theory)	CC-5	4	-	-	4	4	6	80	-	20	100	3 Hours
BPPT 202	Food Packaging (Practical)		-	-	2	4	2		-	40	10	50	3 Hours
BPPT 203	Printing and Packaging Materials (Theory)	CC-6	4	-	-	4	4	6	80	-	20	100	3 Hours
BPPT 204	Printing and Packaging Materials (Practical)		-	-	2	4	2		-	40	10	50	3 Hours
BPPT 205	Graphic Design (Theory)	CC-7	4	-	-	4	4	6	80	-	20	100	3 Hours
BPPT 206	Graphic Design (Practical)		-	-	2	4	2		-	40	10	50	3 Hours
BPPT 207	Sheet fed Offset Technology (Theory)	CC-8	4	-	-	4	4	6	80	-	20	100	3 Hours
BPPT 208	Sheet fed Offset Technology (Practical)		-	-	2	4	2		-	40	10	50	3 Hours
Total Credits								28	Total Marks			700	

LOCF/CBCS/B.Sc. (Printing & Packaging Technology)/KUK

List of Total Subjects in B.Sc. (Printing & Packaging Technology):

Sr. No.	Course Type	Number of Subjects
1	CC	16
2	AECC	03
3	SEC	04
4	DSE	06
	Total	29

Semester I	Course Type	Number of Subjects
Semester I	CC	4
	AECC	1
Semester II	CC	4
	AECC	2
Semester III	CC	4
	SEC	1
Semester IV	CC	4
	SEC	1
Semester V	SEC	1
	DSE	3
Semester VI	SEC	1
	DSE	3
Total		29

List of Abbreviations

L -Lecture

T- Tutorial

P- Practical

IA – Internal Assessment

CC- Core Course

AECC- Ability Enhancement Compulsory Course

SEC- Skill Enhancement Course

DSE- Discipline Specific Elective

PROGRAMME OUTCOMES

On successful completion of the programme, the student will be able to:-

- PO1** Acquire knowledge related to the discipline under study.
- PO2** Communicate and reflect effectively and efficiently on the issues related to the discipline.
- PO3** Exhibit the professional skills and competencies acquired during the Programme of study.
- PO4** Apply the knowledge and skills acquired in planning, organizing, evaluation and decision making.
- PO5** Explore, analyze and provide solutions to the problems related to the discipline and life.
- PO6** Develop exposure to actual working environment leading to employability and entrepreneurship.
- PO7** Exhibit scientific & research capabilities in academic, professional and general life pursuits.
- PO8** Recognize, appreciate and follow ethical issues relating to the discipline and society.

Programme Specific Outcomes:

After completion of under graduate programme in Printing & Packaging Technology, the learner will be able to :

- PSO1** Acquire fundamental knowledge of Printing and packaging Technology as an academic discipline.
- PSO 2** Display the knowledge of appropriate theory, practices and tools for the specification, design and implementation
- PSO3** Develop competency for employability and Entrepreneurship by practicing techniques and tools for innovative Printing & Packaging applications.
- PSO 4** Demonstrate Printing & Packaging skills by undertaking projects.
- PSO 5** Link knowledge of Printing and packaging with other chosen auxiliary disciplines of study.

AECC-100: Communicative English

Time: 2 Hrs.
Total Credit-02

Total Marks: 50,
Theory Marks: 40,
Internal Assessment: 10

Course objectives: The paper is designed to enhance proficiency in English Language. It seeks to develop the basics of English Language through different modules. Each unit will enable and capacitate the learner to have communication competence which is required in the present-day world. The basic knowledge of communication will enable the learners to share and enliven ideas, experience and know-how ubiquitous in the world.

Course Learning Outcomes:
After completing the Course, the student will be able to:
AECC 100.1: Learn the rhetorics of presentation
AECC 100.2: Learn, comment and respond to correspondence .
AECC 100.3: Learn the basics of grammar and composition.
AECC 100.4: Acquaint with verbal and non-verbal communication.

Note : All questions are compulsory.

Q.1. The paper setter will set two question from unit-II. The student shall attempt one out of the given two.

(10)

Q.2. This question shall be based on unit-III. The student shall attempt one out of the given two.

(10)

Q.3. There will be 25 grammatical items based on unit-IV. The student shall attempt any 20 items.

(10)

Internal Assessment: The students shall be required to make presentation /PPT based on unit-I.

Unit-I

Listening and Speaking skills

Listening skills (Active-passive, Accent)

Speaking Skills (Accent, Stress ,Intonation, Assertion, Rhetorical questions, Pause, Pitch)

Oral presentation, Debates, Elocution and Extempore

Unit-II

Writing skills

Report writing

Paragraph writing

Letter writing

Unit-III

Technical and Modern communication

Resume writing

E-mail

Blogs and comments on social media

Unit-IV

Grammar

Noun, Pronoun, Verb, Adverb, Adjective, Preposition, Conjunction and their uses

Common errors in the use of English (Noun, Pronoun, Adjective, Adverb, Conjunctions)

Correct use of verbs and Articles

Vocabulary: Homonyms, Homophones, Pair of words

References:

- Communicative English, Dr. Jimmy Sharma, Arihant Parkashan Pvt. Ltd.
- Strengthen Your English, Bhaskaran and Horsburgh, Oxford University Press
- Basic Communication Skills for Technology, and area J Rutherford, Pearson Education Asia.
- Murphy's English Grammar with CD, Murphy, Cambridge University Press
- English Skills for Technical Students by Orient Longman
- Everyday Dialogues in English by Robert J. Dixon, Prentice-Hall of India Ltd., 2006.

AECC-100: COMMUNICATIVE ENGLISH

CO-PO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
AECC 100.1	2	2	2	2	2	2	2	2
AECC 100.2	2	2	2	2	2	2	2	2
AECC 100.3	2	2	2	2	2	2	2	2
AECC 100.4	2	2	2	2	2	2	2	2
Average	2	2	2	2	2	2	2	2

CO-PSO Mapping Matrix

CO	PSO1	PSO2	PSO3	PSO4	PSO5
AECC 100.1	2	2	2	2	2
AECC 100.2	2	2	2	2	2
AECC 100.3	2	2	2	2	2
AECC 100.4	2	2	2	2	2
Average	2	2	2	2	2

CO-PO-PSO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
AECC 100.1	2	2	2	2	2	2	2	2	2	2	2	2	2
AECC 100.2	2	2	2	2	2	2	2	2	2	2	2	2	2
AECC 100.3	2	2	2	2	2	2	2	2	2	2	2	2	2
AECC 100.4	2	2	2	2	2	2	2	2	2	2	2	2	2
Average	2	2	2	2	2	2	2	2	2	2	2	2	2

B-PPT 101: PRINTING PROCESS (THEORY)

Time: 3 Hrs.
Credits : 4

Total Marks: 100
Theory : 80
Internal Assessment: 20

Course Objectives: This course is designed for theoretical understanding of basic Printing process, its history and development from ancient to the modern world. It also provides the technical ability to understand pre-press, press, and post press operations in printing press.

Course Learning Outcomes:
The students learned about the Printing process and the student will be able to:
B-PPT101.1: Acquire knowledge about development in Indian Printing Industry
B-PPT101.2: Know about historical development of printing
B-PPT101.3: Develop the knowledge about the different printing processes
B-PPT101.4: Know the basic operations in printing – Pre-press, Press & Post Press

Note:- The question paper will be divided into five Units containing nine questions. Students are required to attempt five questions in all. There will be two questions in each unit from I to IV and students are required to attempt one question from each unit. Unit V will have only one Compulsory question containing six short notes covering the entire syllabus and students are required to attempt any four. All questions will carry equal marks.

UNIT –I

History of printing: History of Printing, Scope of Indian Printing Industry, Brief Introduction of scope of Printing Industry, Applications of printing Industry, Indian printing Industry- An emerging market, size of the industry, total contribution to the economy, employment opportunity, Recent trends in Printing, .

UNIT –II

Printing Processes: Introduction to conventional printing processes- Relief, Planography, Intaglio, Screen. On Demand printing, Electrostatic, Digital and Mini Offset. Specialized printing -Thermography, Die Stamping, Hot foil stamping, Hologram printing. Suitability & limitations and applications of various printing Processes

UNIT –III

Basic operations in printing- Pre -Press, Press and Post –press section,: Basic concepts, Typesetting of text matter, formatting the text pagination and arranging the pictures and graphics, Film outputting of text and visual elements particularly color separation, assembly of film and plate making. press: Pre make ready, make-ready operations , Finishing operations

UNIT –IV

Letterpress and Screen printing machines - Classification of letterpress printing machines, types of platen, cylinder and rotary machines with their mechanical and operational features. Screen Printing Machines: Manual, semiautomatic and fully automatic screen printing machines. Rotary screen printing Machines .

Running Defects of different printing process: Common printing defects comes in various printing processes, causes and their remedies.

References :

1. Letter Press Printing Part 1, 2, By C.S. Misra
2. Printing Technology By Adams, Faux, Rieber
3. Screen Printing Review By Babett Magee
4. Screen Printing By John Stephens
5. Art and Print Production By N.N. Sarkar

B-PPT 101: PRINTING PROCESS (THEORY)

CO-PO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
B-PPT 101.1	3	3	3	3	3	3	3	3
B-PPT 101.2	3	3	3	3	3	3	3	3
B-PPT 101.3	3	3	3	3	3	3	3	3
B-PPT 101.4	3	3	3	3	3	3	3	3
Average	3	3	3	3	3	3	3	3

CO-PSO Mapping Matrix

CO	PSO1	PSO2	PSO3	PSO4	PSO5
B-PPT 101.1	3	3	3	3	3
B-PPT 101.2	3	3	3	3	3
B-PPT 101.3	3	3	3	3	3
B-PPT 101.4	3	3	3	3	3
Average	3	3	3	3	3

CO-PO-PSO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
B-PPT 101.1	3	3	3	3	3	3	3	3	3	3	3	3	3
B-PPT 101.2	3	3	3	3	3	3	3	3	3	3	3	3	3
B-PPT 101.3	3	3	3	3	3	3	3	3	3	3	3	3	3
B-PPT 101.4	3	3	3	3	3	3	3	3	3	3	3	3	3
Average	3	3	3	3	3	3	3	3	3	3	3	3	3

B-PPT 102: PRINTING PROCESS (PRACTICAL)

Time: 3 Hrs.

Credits :2

Total Marks: 50

Practical: 40

Internal Assessment : 10

Course Objectives: This course is designed for practical understanding of basic Printing process, It also provides the technical ability to understand pre-press, press, and post press operations in printing press.

Course Learning Outcomes:
The students learned about the Printing process and the student will be able to:
B-PPT102.1: Enhance practical knowledge about printing processes.
B-PPT102.2: Know about the tools and equipment used for printing.
B-PPT102.3: Get technical knowledge about operations of letterpress printing machine.
B-PPT102.4: Know about operations in printing – Pre-press, Press & Post Press

Note:- The students will do practical assignments assigned by the concerned teacher throughout the whole semester and will submit them in the form of hardcopy/softcopy to the teacher. External Examiner will evaluate the work done by the student, will conduct the practical and viva voce.

LIST OF PRACTICALS

1. Identification of different tools & equipment used in letterpress.
2. Schematic diagram of different Printing Processes.
3. Printing of line & half tone block in single & multi color.
4. Operational and mechanical features of different letter press Printing Machines.
5. Study of Running & printing faults on letter press machine.
6. Identification of different printing processes

B-PPT 102: PRINTING PROCESS (PRACTICAL)

CO-PO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
B-PPT 102.1	3	3	3	3	3	3	3	3
B-PPT 102.2	3	3	3	3	3	3	3	3
B-PPT 102.3	3	3	3	3	3	3	3	3
B-PPT 102.4	3	3	3	3	3	3	3	3
Average	3	3	3	3	3	3	3	3

CO-PSO Mapping Matrix

CO	PSO1	PSO2	PSO3	PSO4	PSO5
B-PPT 102.1	3	3	3	3	3
B-PPT 102.2	3	3	3	3	3
B-PPT 102.3	3	3	3	3	3
B-PPT 102.4	3	3	3	3	3
Average	3	3	3	3	3

CO-PO-PSO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
B-PPT 102.1	3	3	3	3	3	3	3	3	3	3	3	3	3
B-PPT 102.2	3	3	3	3	3	3	3	3	3	3	3	3	3
B-PPT 102.3	3	3	3	3	3	3	3	3	3	3	3	3	3
B-PPT 102.4	3	3	3	3	3	3	3	3	3	3	3	3	3
Average	3	3	3	3	3	3	3	3	3	3	3	3	3

B-PPT 103: TYPOGRAPHY (THEORY)

Time: 3 Hrs.
Credits :4

Total Marks: 100
Theory: 80
Internal Assessment : 20

Course Objectives: The students will learn about the Typographical Process and will be able to enhance knowledge about Type, Letters ,Characters, Symbols ,Classification of Printing Type and develop the knowledge about the Typesetting department, Tools and Material used in Typesetting department.

Course Learning Outcomes: Upon successful completion of this course, the student will be able to:
B-PPT103.1: Demonstrate the proper use of type as a design tool.
B-PPT103.2: Create letterforms as part of a consistent alphabet.
B-PPT103.3: Understand typographic rules and measurements to composition.
B-PPT103.4: Recognize different type styles and categories.

Note:- The question paper will be divided into five Units containing nine questions. Students are required to attempt five questions in all. There will be two questions in each unit from I to IV and students are required to attempt one question from each unit. Unit V will have only one Compulsory question containing six short notes covering the entire syllabus and students are required to attempt any four. All questions will carry equal marks.

Unit - I

Introduction to Typography - definition, concept and scope, Printing type - Two Dimensional and Three-Dimensional structure their characteristics, Printers Measurement and Systems: Point System, other units of measurements and application. Design features and principles of printing types, fundamental and finishing strokes of types.

Unit – II

Classification of printing types based on serifs, point sizes, cases, faces, series, families etc. type font and sorts, principles of size and design identification, Suitability of different types for different processes and publications, typesetting Calculations relating to type sizes and dimensions of printing pages.

Unit – III

Typesetting Department:-Work and role of the type-setting, department with in a printing press, Photo Type -setting., Proofing and Proofing Reader's marks; word breaks; proofing stages. Composing Tools and Equipment, Basic composing tools for hand composition, spacing material; locking- up devices; proofing presses, kinds of rules.

Unit –IV

Composition Imposition, Sheet work, Half-sheet work, Work and tumble & Work and twist. The regular schemes up to 32 pages (upright and landscape), Planning of composition department, Floor plan and arrangement of equipment, Paper and its calculation.

References:

- | | | |
|----|------------------------------------|-----------------------|
| 1 | Theory & practice of composition - | By A.C. Goel |
| 2 | Composing & Typography Today - | By B.D. Mehendirutta. |
| 3. | Letter Press Printing Part I, II - | By C.S. Mishra |
| 4. | Printing Technology | By Adams,Faux,Riber |
| 5. | Art & Production | By N.N. Sarkar |

B-PPT 103: TYPOGRAPHY (THEORY)

CO-PO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
B-PPT 103.1	3	3	3	3	3	3	3	3
B-PPT 103.2	3	3	3	3	3	3	3	3
B-PPT 103.3	3	3	3	3	3	3	3	3
B-PPT 103.4	3	3	3	3	3	3	3	3
Average	3	3	3	3	3	3	3	3

CO-PSO Mapping Matrix

CO	PSO1	PSO2	PSO3	PSO4	PSO5
B-PPT 103.1	3	3	3	3	3
B-PPT 103.2	3	3	3	3	3
B-PPT 103.3	3	3	3	3	3
B-PPT 103.4	3	3	3	3	3
Average	3	3	3	3	3

CO-PO-PSO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
B-PPT 103.1	3	3	3	3	3	3	3	3	3	3	3	3	3
B-PPT 103.2	3	3	3	3	3	3	3	3	3	3	3	3	3
B-PPT 103.3	3	3	3	3	3	3	3	3	3	3	3	3	3
B-PPT 103.4	3	3	3	3	3	3	3	3	3	3	3	3	3
Average	3	3	3	3	3	3	3	3	3	3	3	3	3

B-PPT 104: TYPOGRAPHY (PRACTICAL)

Time: 3 Hrs.
Credits : 2

Total Marks: 50
Practical: 40
Internal Assessment : 10

Course Objectives: This course is designed for practical understanding of Mechanical Type. It provides the technical ability to understand fundamental and finishing strokes of the types.

Course Learning Outcomes:
The students learned about the Printing process and the student will be able to:
B-PPT 104.1: Use of Block Letters & Numbering
B-PPT 104.2: Demonstrate the physical structure of mechanical type and its composition
B-PPT 104.3: Use of Various types of fonts
B-PPT 104.4: Use of Fundamental and finishing strokes.

Note:- The students will do practical assignments assigned by the concerned teacher throughout the whole semester and will submit them in the form of hardcopy/softcopy to the teacher. External Examiner will evaluate the work done by the student, will conduct the practical and viva voce.

LIST OF PRACTICALS

1. Block Lettering & Numbering (Normal Types)..
2. Four-line Principle (Drawing).
3. Physical (Features) parts of the type (Structural Diagram).
4. Fundamental strokes.
5. Finishing strokes & their identification.
6. Introduction to various fonts & their drawing characteristics.

B-PPT 104: TYPOGRAPHY (PRACTICAL)

CO-PO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
B-PPT 104.1	3	3	3	3	3	3	3	3
B-PPT 104.2	3	3	3	3	3	3	3	3
B-PPT 104.3	3	3	3	3	3	3	3	3
B-PPT 104.4	3	3	3	3	3	3	3	3
Average	3	3	3	3	3	3	3	3

CO-PSO Mapping Matrix

CO	PSO1	PSO2	PSO3	PSO4	PSO5
B-PPT 104.1	3	3	3	3	3
B-PPT 104.2	3	3	3	3	3
B-PPT 104.3	3	3	3	3	3
B-PPT 104.4	3	3	3	3	3
Average	3	3	3	3	3

CO-PO-PSO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
B-PPT 104.1	3	3	3	3	3	3	3	3	3	3	3	3	3
B-PPT 104.2	3	3	3	3	3	3	3	3	3	3	3	3	3
B-PPT 104.3	3	3	3	3	3	3	3	3	3	3	3	3	3
B-PPT 104.4	3	3	3	3	3	3	3	3	3	3	3	3	3
Average	3	3	3	3	3	3	3	3	3	3	3	3	3

B-PPT 105: FUNDAMENTALS OF PACKAGING (THEORY)

Time: 3 Hrs.

Credits :4

Total Marks: 100

Theory: 80

Internal Assessment : 20

Course Objectives: This course is designed for theoretical understanding of Packaging Technology, various packaging application, design of package and for creating sense of understanding the various types of packaging.

Course Learning Outcomes: Upon successful completion of this course, the students learned about the Packaging Technology and the student will be able to:
B-PPT105.1: Develop the knowledge of Packaging Technology to understand the Packaging Industry.
B-PPT105.2: Know about the various applications and classifications of packaging.
B-PPT105.3: Understand the function of package, types of package and elements of package design.
B-PPT105.4: Develop the knowledge of folding Carton production process and finishing operations.

Note:- The question paper will be divided into five Units containing nine questions. Students are required to attempt five questions in all. There will be two questions in each unit from I to IV and students are required to attempt one question from each unit. Unit V will have only one Compulsory question containing six short notes covering the entire syllabus and students are required to attempt any four. All questions will carry equal marks.

Unit - I

Basics of Packaging:

Packaging Introduction, Classifications of Packaging - Flexible packaging and rigid packaging, Function of a package, Types of package, Factors influencing design of a package, Elements of Package Design, Hazard on the package - mechanical, climatic, biological and other hazards. Test on package-mechanical test and climate test.

Unit – II

Folding Carton Production & Innovative Packaging Techniques

Folding cartons production process, types of folding carton, Manufacture process of paperboard, components in a corrugated board, Vacuum packaging, shrink packaging, stretch wrapping, blister packaging, Aerosol packaging, Blow Molding - Extrusion blow Molding, Injection blow molding.

Unit – III

Packaging Distribution & logistics

Introduction to logistics, element of logistics, distribution of channels, Packaging Cycle, Product life curve, classification of pallets, material handling techniques-warehousing & storage, Markings on Package - Handling marks, routing marks, information marks, shelf life,

Unit -I V

Future Trends and Finishing operations

Futuristic trends in packaging, adhesive tapes - fabric tapes, paper tapes, film tapes, foil tapes, foam tapes, two faced tapes. Labels- designing, manufacturing and applications, Packaging finishing operations – coating, lamination, hot & cold foil stamping, die-cutting, embossing & de-embossing, liner and folding & gluing.

References :

Packaging design and performance - **Frank Paine**

Advances in plastic packaging technology - **John Briston.**

Packaging design an introduction - **Laszlo Roth.**

Packaging Technology - Volume I, II, III - IIP

B-PPT 105: FUNDAMENTALS OF PACKAGING (THEORY)

CO-PO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
B-PPT 105.1	3	3	3	3	3	3	3	3
B-PPT 105.2	3	3	3	3	3	3	3	3
B-PPT 105.3	3	3	3	3	3	3	3	3
B-PPT 105.4	3	3	3	3	3	3	3	3
Average	3	3	3	3	3	3	3	3

CO-PSO Mapping Matrix

CO	PSO1	PSO2	PSO3	PSO4	PSO5
B-PPT 105.1	3	3	3	3	3
B-PPT 105.2	3	3	3	3	3
B-PPT 105.3	3	3	3	3	3
B-PPT 105.4	3	3	3	3	3
Average	3	3	3	3	3

CO-PO-PSO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
B-PPT 105.1	3	3	3	3	3	3	3	3	3	3	3	3	3
B-PPT 105.2	3	3	3	3	3	3	3	3	3	3	3	3	3
B-PPT 105.3	3	3	3	3	3	3	3	3	3	3	3	3	3
B-PPT 105.4	3	3	3	3	3	3	3	3	3	3	3	3	3
Average	3	3	3	3	3	3	3	3	3	3	3	3	3

B-PPT 106: FUNDAMENTALS OF PACKAGING (PRATICAL)

Time: 3 Hrs.

Credits :2

Total Marks: 50

Practical : 40

Internal Assessment : 10

Course Objectives : This course is designed for practical understanding of Packaging Technology classification, packaging machines, materials used in packaging, design of package and its application

Course Learning Outcomes:
The students learned about the Packaging Technology and the student will be able to:
B-PPT 106.1: Design flexible packages
B-PPT 106.2: Design rigid packaging
B-PPT 106.3: Test raw different types material
B-PPT 106.4: Prepare various of package design

Note:- The students will do practical assignments assigned by the concerned teacher throughout the whole semester and will submit them in the form of hardcopy/softcopy to the teacher. External Examiner will evaluate the work done by the student, will conduct the practical and viva voce.

LIST OF PRACTICALS

1. Designing and preparation of various flexible packages.
2. Designing and preparation of various rigid packages.
3. Study and operation of various packaging machines.
4. Designing & preparation of various designs of paper bags.
5. Testing of raw materials like- paper, paperboard, plastic and ink.
6. Drop test, Vibration test, inclined impact test, Compression test.

B-PPT 106: FUNDAMENTALS OF PACKAGING (PRATICAL)

CO-PO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
B-PPT 106.1	3	3	3	3	3	3	3	3
B-PPT 106.2	3	3	3	3	3	3	3	3
B-PPT 106.3	3	3	3	3	3	3	3	3
B-PPT 106.4	3	3	3	3	3	3	3	3
Average	3	3	3	3	3	3	3	3

CO-PSO Mapping Matrix

CO	PSO1	PSO2	PSO3	PSO4	PSO5
B-PPT 106.1	3	3	3	3	3
B-PPT 106.2	3	3	3	3	3
B-PPT 106.3	3	3	3	3	3
B-PPT 106.4	3	3	3	3	3
Average	3	3	3	3	3

CO-PO-PSO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
B-PPT 106.1	3	3	3	3	3	3	3	3	3	3	3	3	3
B-PPT 106.2	3	3	3	3	3	3	3	3	3	3	3	3	3
B-PPT 106.3	3	3	3	3	3	3	3	3	3	3	3	3	3
B-PPT 106.4	3	3	3	3	3	3	3	3	3	3	3	3	3
Average	3	3	3	3	3	3	3	3	3	3	3	3	3

B-PPT 107: FUNDAMENTALS OF COMPUTER (THEORY)

Time: 3 Hrs.
Credits: 4

Total Marks: 100
Theory: 80
Internal Assessment: 20

Course Objectives: This course is designed for theoretical understanding of computer system and its components, functioning and its application software exposure.

Course Learning Outcomes:
After completing the Course, the student will be able to:
B-PPT 107.1: Understand the basic knowledge of computer system.
B-PPT 107.2: Know about the functioning of different parts of computer.
B-PPT 107.3 Understand the basic concept of Internet and computer networks .
B-PPT 107.4: Understand the basics of Application Software.

Note:- The question paper will be divided into five Units containing nine questions. Students are required to attempt five questions in all. There will be two questions in each unit from I to IV and students are required to attempt one question from each unit. Unit V will have only one Compulsory question containing six short notes covering the entire syllabus and students are required to attempt any four. All questions will carry equal marks.

Unit - I

Computer- Origin, Evolution and Generation of Computer
Types of Computer
Basic Components of a Computer- Input Devices, Output Devices, Storage Devices
Introduction to Software
Types of Software - System software, Application software
Introduction of Windows and its various versions

Unit- II

Introduction to Internet and Its applications
Browser, Search Engine, FTP, URL
Email and Blog
Introduction to Network- LAN, WAN, MAN,
Network Topologies - Ring, Bus, Star, Mesh and Tree topologies
Hardware requirements for Network

Unit - III

Introduction to MS Word and its uses
Various Menus, Toolbars & Buttons
Paragraph and Page Formatting

Creation & Working with Tables, Mail Merge

Unit - IV

Introduction to MS Excel and its uses

Creating Spreadsheet

Creating Tables and Charts

Use of basic arithmetic formulas

Introduction to MS PowerPoint and its uses

Creating a New Presentation

Slide transition and Custom Animation

References:

- Ram, B. 4th ed New Age; *Computer Fundamentals: Architecture & Organization*
- Sinha, P. K. BPB; *Computer Fundamentals: Concepts, Systems & Applications*
- Sinha, P. K/ Sinha, P. 3rd ed BPB; *Computer Fundamentals: Concepts, Systems & Applications*
Data Communications and Networking by Behrouz A. Forouzan, Sophia Chung Fegan; Published by Huga Media.2011
- **Goel, Anita Pearson;** *Computer Fundamentals*

B-PPT 107: FUNDAMENTALS OF COMPUTER (THEORY)

CO-PO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
B-PPT 107.1	3	3	3	3	3	3	3	3
B-PPT 107.2	3	3	3	3	3	3	3	3
B-PPT 107.3	3	3	3	3	3	3	3	3
B-PPT 107.4	3	3	3	3	3	3	3	3
Average	3	3	3	3	3	3	3	3

CO-PSO Mapping Matrix

CO	PSO1	PSO2	PSO3	PSO4	PSO5
B-PPT 107.1	3	3	3	3	3
B-PPT 107.2	3	3	3	3	3
B-PPT 107.3	3	3	3	3	3
B-PPT 107.4	3	3	3	3	3
Average	3	3	3	3	3

CO-PO-PSO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
B-PPT 107.1	3	3	3	3	3	3	3	3	3	3	3	3	3
B-PPT 107.2	3	3	3	3	3	3	3	3	3	3	3	3	3
B-PPT 107.3	3	3	3	3	3	3	3	3	3	3	3	3	3
B-PPT 107.4	3	3	3	3	3	3	3	3	3	3	3	3	3
Average	3	3	3	3	3	3	3	3	3	3	3	3	3

B-PPT 108: FUNDAMENTALS OF COMPUTER (PRACTICAL)

Time: 3 Hrs.
Credits: 2

Total Marks: 50
Practical: 40
Internal Assessment: 10

Course Objectives: This course is designed for practical understanding of commonly used application software and its functioning to the students.

Course Learning Outcomes:
After completing the Course, the student will be able to:
B-PPT 108.1: Use MS-Word
B-PPT 108.2: Use MS-Excel
B-PPT 108.3: Use Power point
B-PPT 108.4: Create Email account, compose & send emails for personal and professional communication.

Note:- The students will do practical assignments assigned by the concerned teacher throughout the whole semester and will submit them in the form of hardcopy/softcopy to the teacher. External Examiner will evaluate the work done by the student, will conduct the practical and viva voce.

List of Practical Exercises:
To create a new document, save, open an existing document
Typing and editing texts in a document (*.doc) file.
Apply formats on Texts like Bold, Italics, Underline, font type, colour and size etc.
Apply features like bullet, numbering, breaks, hyphenation
Indentation, leading and kerning using space bar and TAB
Insert images, symbols and mathematical equations
Create and manipulate tables.
Page layout, Page Setup, Paragraph setting
Page Break, Page Numbering, Find & Replace Text, Header & Footer
Designing Resume, timetable of a class, mail merge
Print a document
Create a Spread Sheet, Cell formatting, Basic arithmetic formulas, Freeze Pane and Sort & Filter, Inserting the chart
Basic operations of Power point, Create PPT and inset and delete slides.
Use of Mater Slide in Presentation.

Apply basic formatting features in presentation like font, font size, font colour, text fill, spacing and line spacing Formatting text boxes, word arts, styles bullet and numbering.
Working with drawing tools, Applying shape or picture styles, Applying object borders, object fill, object effects
Adding slide transition, animation effect, adding custom animation
Working with video, Link to video and sound files.
Creating Email- composing and sending a mail, attachment a file, forwarding the email, changing and setting the password

B-PPT 108: FUNDAMENTALS OF COMPUTER (PRACTICAL)

CO-PO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
B-PPT 108.1	3	3	3	3	3	3	3	3
B-PPT 108.2	3	3	3	3	3	3	3	3
B-PPT 108.3	3	3	3	3	3	3	3	3
B-PPT 108.4	3	3	3	3	3	3	3	3
Average	3	3	3	3	3	3	3	3

CO-PSO Mapping Matrix

CO	PSO1	PSO2	PSO3	PSO4	PSO5
B-PPT 108.1	3	3	3	3	3
B-PPT 108.2	3	3	3	3	3
B-PPT 108.3	3	3	3	3	3
B-PPT 108.4	3	3	3	3	3
Average	3	3	3	3	3

CO-PO-PSO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
B-PPT 108.1	3	3	3	3	3	3	3	3	3	3	3	3	3
B-PPT 108.2	3	3	3	3	3	3	3	3	3	3	3	3	3
B-PPT 108.3	3	3	3	3	3	3	3	3	3	3	3	3	3
B-PPT 108.4	3	3	3	3	3	3	3	3	3	3	3	3	3
Average	3	3	3	3	3	3	3	3	3	3	3	3	3

B-EVS 100 : Environment Studies

Time: 3 Hrs.
Credits: 2

Total Marks: 50
Theory: 40
Internal Assessment: 10

Scheme of paper: Total number of questions will be nine. Students have to attempt five questions in all. Questions no. 1 is compulsory. All questions carry equal marks. Each question is of 8 marks.

Course objectives: The aim of this course is to aware the students about the environmental problems and current global issues related to environment. It provides knowledge about the topics like ecosystem and biodiversity and develops interest in the students about their role in conservation of environment and reducing pollution and waste generation in their surroundings. By understanding the environmental problems, their causes and solutions, the students can apply it to their daily lives also.

Course Outcomes:

COs	On successful completion of the course, the students will be able to:
1	Understand the definition of environmental studies, its scope and importance in the conservation of environment.
2	Understand the concept of ecosystem and different types of natural and artificial ecosystems in the world, the biogeochemical cycling and energy flow in an ecosystem.
3	Describe the various renewable and non-renewable natural resources and their over-exploitation due to increasing demands of rising population.
4	Become aware about our biodiversity, its importance and the various threats that are a problem for the biodiversity. They will understand the endangered species and their conservation measures that are needed to be adopted at different levels.

5	Have understanding about the types of pollution and how to reduce those pollution levels in air, soil, water, land and from marine bodies as well. They will develop interest in reducing the solid waste generation as well as its management at household level.
6	Gain knowledge of various global environmental issues like climate change, global warming and ozone depletion and also about different environmental laws implemented to conserve the environment.
7	Explain the concept of population growth and drug abuse.

Unit 1: Introduction to environmental studies

Multidisciplinary nature of environmental studies;

Scope and importance; Concept of sustainability and sustainable development. (2 lectures)

Unit 2: Ecosystems

What is an ecosystem? Structure and function of ecosystem; Energy flow in an ecosystem: food chains, food webs and ecological succession.

Case studies of the following ecosystems :

- a) Forestecosystem
- b) Grasslandecosystem
- c) Desertecosystem
- d) Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries) (6 lectures)

Unit 3: Natural Resources: Renewable and Non-renewable Resources

Land resources and landuse change; Land degradation, soil erosion and desertification.

Deforestation: Causes and impacts due to mining, dam building on environment, forests, biodiversity and tribal populations.

Water: Use and over-exploitation of surface and ground water, floods, droughts, conflicts over water (international & inter-state).

Energy resources: Renewable and non renewable energy sources, use of alternate energy sources, growing energy needs, case studies. (8 lectures)

Unit 4: Biodiversity and Conservation

Levels of biological diversity: genetic, species and ecosystem diversity; Biogeographic zones of India; Biodiversity patterns and global biodiversity hot spots

India as a mega-biodiversity nation; Endangered and endemic species of India

Threats to biodiversity : Habitat loss, poaching of wildlife, man-wildlife conflicts, biological invasions; Conservation of biodiversity : In-situ and Ex-situ conservation of biodiversity.

Ecosystem and biodiversity services: Ecological, economic, social, ethical, aesthetic and Informational value.

(8 lectures)

Unit 5 : Environmental Pollution

Environmental pollution: types, causes, effects and controls; Air, water, soil and noise pollution

Nuclear hazards and human health risks

Solid waste management: Control measures of urban and industrial waste.

Pollution case studies.

(8 lectures)

Unit 6 : Environmental Policies & Practices

Climate change, global warming, ozone layer depletion, acid rain and impacts on human communities and agriculture

Environment Laws: Environment Protection Act; Air (Prevention & Control of Pollution) Act; Water (Prevention and control of Pollution) Act; Wildlife Protection Act; Forest Conservation Act. International agreements: Montreal and Kyoto protocols and Convention on Biological Diversity (CBD).

Nature reserves, tribal populations and rights, and human wildlife conflicts in Indian context.

(7 lectures)

Unit 7: Human Communities and the Environment

Human population growth: Impacts on environment, human health and welfare.

Resettlement and rehabilitation of project affected persons; case studies.

Disaster management: floods, earthquake, cyclones and landslides.

Environmental movements: Chipko, Silent valley, Bishnois of Rajasthan.

Environmental ethics: Role of Indian and other religions and cultures in environmental conservation.

Environmental communication and public awareness, case studies (e.g., CNG vehicles in Delhi)

Drugs and their effects; Useful and harmful drugs; Use and abuse of drugs; Stimulant and depressant drugs. Concept of drug de-addiction. Legal position on drugs and laws related to drugs.

(6 lectures)

Unit 8: Field work

Visit to an area to document environmental assets: river/ forest/ flora/fauna, etc.

Visit to a local polluted site-Urban/Rural/Industrial/Agricultural.

Study of common plants, insects, birds and basic principles of identification.

Study of simple ecosystems-pond, river, Delhi Ridge, etc.

(Equal to 5 lectures)

Suggested Readings:

- 1) Carson, R. 2002. Silent Spring. Houghton MifflinHarcourt.
- 2) Gadgil,M.,&Guha,R.1993.ThisFissuredLand:AnEcologicalHistoryofIndia.Univ.ofCalifornia Press.
- 3) Gleeson, B. and Low, N. (eds.) 1999. Global Ethics and Environment, London,Routledge.
- 4) Gleick,P.H.1993.WaterinCrisis.PacificInstituteofStudiesinDev.,Environment&Security. Stockholm Env. Institute, Oxford Univ.Press.
- 5) Groom, Martha J., Gary K. Meffe, and Carl Ronald Carroll. Principles of Conservation Biology. Sunderland: Sinauer Associates,2006.
- 6) Grumbine,R.Edward,andPandit,M.K.2013.Threats fromIndia's Himalayadams.Science,339:36-37.
- 7) McCully, P. 1996. Rivers no more: the environmental effects of dams (pp. 29-64). ZedBooks.
- 8) McNeill,JohnR.2000.SomethingNewUndertheSun:AnEnvironmentalHistoryoftheTwentieth Century.
- 9) Odum, E.P., Odum, H.T. & Andrews, J. 1971. Fundamentals of Ecology. Philadelphia:Saunders.
- 10) Pepper, I.L., Gerba, C.P. & Brusseau, M.L. 2011. Environmental and Pollution Science.Academic Press.
- 11) Rao, M.N. & Datta, A.K. 1987. Waste Water Treatment. Oxford and IBH Publishing Co. Pvt. Ltd.

- 12) Raven, P.H., Hassenzuhl, D.M. & Berg, L.R. 2012. Environment. 8th edition. John Wiley & Sons.
- 13) Rosencranz, A., Divan, S., & Noble, M.L. 2001. Environmental law and policy in India. Tripathi 1992.
- 14) Sengupta, R. 2003. Ecology and economics: An approach to sustainable development. OUP.
- 15) Singh, J.S., Singh, S.P. and Gupta, S.R. 2014. Ecology, Environmental Science and Conservation. S. Chand Publishing, New Delhi.
- 16) Sodhi, N.S., Gibson, L. & Raven, P.H. (eds). 2013. Conservation Biology: Voices from the Tropics. John Wiley & Sons.
- 17) Thapar, V. 1998. Land of the Tiger: A Natural History of the Indian Subcontinent.
- 18) Warren, C. E. 1971. Biology and Water Pollution Control. WBSaunders.
- 19) Wilson, E. O. 2006. The Creation: An appeal to save life on earth. New York: Norton.
- 20) World Commission on Environment and Development. 1987. Our Common Future. Oxford University

B-HIN 100 : Communicative Hindi

Time: 2 Hrs.
Credits: 2

Total Marks: 50
Theory: 40
Internal assessment: 10

Course Objectives: The Paper is designed to enhance proficiency in Hindi Language. It seeks to develop the basic of Hindi Language through different modules. Each unit will enable the learner to have the communication in Hindi and to share and express ideas and experiences.

Course Learning Outcomes:
After completing the Course, the student will be able to:
B-HIN 100.1: Develop the knowledge of basics of Hindi language.
B-HIN 100.2: Improve vocabulary in Hindi language.
B-HIN 100.3: : Inculcate the knowledge of grammar in Hindi language
B-HIN 100.4: Learn correct uses of Hindi language in media writing

Note:- The question paper will be divided into five Units containing nine questions. Students are required to attempt five questions in all. There will be two questions in each unit from I to IV and students are required to attempt one question from each unit. Unit V will have only one Compulsory question containing six short notes covering the entire syllabus and students are required to attempt any four. All questions will carry equal marks.

bZkbZ ¼1½

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Hkk"kkbZ Hks&ek\$[kd , oafyf[kr A
Hkk"kk dk ekudhdj.k&fLFkr , oa pufkr; k;
Hkk"kk rFkk l ekt dk ikjLifjd vUrj&l e/k
fglunh Hkk"kk dk bfrgkl , oa vk/kqud Aofr; kA

bZkbZ ¼2½

Á; kst u emyd fglunh %fo' k\$krk, a , oa vko' ; drk
fglunh Hkk"kk dh Aef[k ckyh , oa egYo
tUkl pkj ek/; e vls fglunh Hkk"kk A
fglunh Hkk"kk , oa {ks=h; AHkko
fglunh l kfgR; ys[ku ds Adkj , oa mi ; kfxrkA

bZkbZ ¼3½

fglñh 0; kdj.k % 'kñ ds : i] Hkñ vñ okD; j puk
 Loj] 0; at u vñ vñkj dk vñ; kl , oa egYoA
 Hkñkk mPpkj.k , oa orñh dk vñ; kl
 i ; kñ okph] foykñ I ekukFkñ vñdkFkñ 'kñ
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bñkbñ ¼½

efñr ek/; e vñ fglñh Hkñkk] I ekpkj yñku
 jñM; ks dh Hkñkk , oa yñkuA
 Vyñfotu dh Hkñkk vñ yñku
 foKki u dh Hkñkk vñ yñku
 Lkñky ehñM; k dh Hkñkk vñ yñkuA

vñ; kl

I ekpkj yñku] : i d yñku dñ'ku yñku
 ftñy yñku I ekpkj okpu , oa , ñfjñ
 Lyksu yñku] Ñykñ jkbñVñ

I mñ%

- o HkñV; k] M, dñk'kplñ] vuñkndyk] fl) ñr vñ ; kñ] rñk'kyk ñdk'ku] ubñfnYyh
- o 'kekñ jñkññu ñ kn] ; kñu enyd fglñh] fl) kñvñ ; 0; ogkj] fo'ofokñ; ñdk'ku] okj.kl hñ
- o vñ; j] fo'oukFkñ vuñkñ dykñ ññkñ ñdk'ku] fnYyh
- o frokjñ HkñyñkñFkñ fglñh Hkñkk dh I kekñtd Hkñedkñ nñ{k.k Hkñr fglñh ñpkj I feñr] eñkl
- o >kñVñ M,- nñy] ; kñu enyd fglñh] fl) kñvñ ; kñ] ok.kñ ñdk'ku] ubñfnYyh
- o xñkjñ M,- foukñ] ; kñu enyd fglñh] ok.kñ ñdk'ku] ubñfnYyh
- o j.k.kñ egññ fl gñ] ; kñu enyd fglñh dñvñ/kñud vñ; ke] gñkññdk'ku] vñxjk
- o ññkj pñ] tul ñkj ek/; eñññ fglñh] Dykñ dy i fñyñ'kñ dñi uñ] fnYyh