

Fateh Chand College For Women, Hisar



Course Specific Outcome
&
Programme Specific Outcomes
SESSION –(2023-2024)

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Course Specific Outcome
&
Programme Specific Outcomes

For B.A(Final Year)
MATHEMATICS



Odd semester course:

Course Name :Groups and rings

At the end of the course, the students will be able to :

- Link the fundamental concepts of groups.
- Explain the significance of the nations of cosets and normal subgroups.
- Describe the fundamental concepts in ring theory such as ideals and quotient rings.

Course Name :Sequence and series

At the end of the course, the students will be able to :

- List the properties of Riemann integrable function.
- Find Fourier series and prove Bessel's inequality.
- Identify and test the convergence & divergence of infinite series.
- Explain the boundedness of the set of real numbers, neighborhood, open sets and closed sets.

Course Name :Number theory

At the end of the course, the students will be able to :

- Describe some important result in theory of numbers including the prime number theorem, Wilson's theorem.
- Know about problems in number theory like finding number of prime factors and sum of factors of a number.
- Describe the Euler's phi function and reduced set of residues. Demonstrate the exponential and logarithmic functions and summation of trigonometric series.



Even semester course:

Course Name :Linear algebra

At the end of the course, the students will be able to :

- Understand algebraic and geometric representation of vectors in R^n and their operations.
- Recognize and use basic properties of subspaces and vector space. Discuss the spanning sets and linear independence for vectors.
- Understand the relationship between a linear transformation and its Matrix representation.
- Discuss general inner product space and associated norms.

Course Name :Real and complex analysis

At the end of the course, the students will be able to :

- Students will be able to demonstrate competence with properties of real numbers by finding supremum and infimum of sets and using completeness property of real numbers.
- Apply monotone convergence theorem to prove the convergence of bounded monotone sequences.
- Able to list the properties of complex numbers and can find terms like residues and singularities.
- Identify and test the convergence of improper integrals.



Course Name :Mechanics-2

At the end of the course, the students will be able to :

- Understand the concept of center of gravity and learn to find the coefficient of friction.
- Analyze the projectile motion and apply it to practical situations.
- Recognize and explain the motion of a particle attached to an elastic string.

Course Name :Solid geometry

At the end of the course, the students will be able to :

- Understand the basic concepts of coplanar lines and intersection of three planes.
- Learn to write the equation of cone, cylinder and conicoid.
- Recognize and use results of paraboloids and plane sections of conicoids.



Course Specific Outcome
&
Programme Specific Outcomes

For
B.Sc(Final Year)
MATHEMATICS



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Course Specific Outcome
&
Programme Specific Outcomes

For B.Sc
COMPUTER SCIENCE



PO1	Knowledge	<ul style="list-style-type: none"> ➤ Understand and apply the fundamental concepts, principles, and theories of computer science. ➤ Demonstrate knowledge of various programming languages, algorithms, and data structures. ➤ Understand the architecture, organization, and functioning of computer systems, including hardware and software components. ➤ Demonstrate knowledge of database management systems, networking, and cyber security principles.
PO2	Problem Solving and Critical Thinking:	<ul style="list-style-type: none"> ➤ Analyze and solve complex computational problems using algorithmic thinking and problem-solving techniques. ➤ Apply mathematical and logical reasoning to design and develop efficient algorithms and software solutions. ➤ Evaluate and assess the performance, reliability, and efficiency of computer systems and software applications.
PO3	Programming and Software Development:	<ul style="list-style-type: none"> ➤ Develop, debug, and maintain software applications using various programming languages, frameworks, and tools. ➤ Apply software engineering principles and practices to design, develop, and test software systems. ➤ Collaborate effectively in a team environment to develop and deliver software projects.
PO4	Computer Systems and Architecture:	<ul style="list-style-type: none"> ➤ Understand the architecture, organization, and functioning of computer systems, including hardware and software components. ➤ Design and implement computer systems and components to meet specific requirements and constraints. ➤ Demonstrate knowledge of operating systems, computer networks, and communication technologies
PO5	Database Management and Information Systems	<ul style="list-style-type: none"> ➤ Design, implement, and manage database systems, understand database architectures, and use SQL and other query languages. ➤ Understand and design information systems to meet organizational needs and requirements. ➤ Demonstrate knowledge of data modelling, normalization, and database optimization techniques.
PO6	Cyber security and Networking	<ul style="list-style-type: none"> ➤ Implement security measures to protect data and information systems from threats and vulnerabilities. ➤ Understand computer networks, protocols, and communication technologies. ➤ Design and implement secure and reliable computer networks and communication systems
PO7	Communication and Professional Skills	<ul style="list-style-type: none"> ➤ Communicate effectively and professionally, both orally and in writing, with technical and non-technical audiences. ➤ Demonstrate professional and ethical responsibility in all aspects of computer science practice ➤ Engage in continuous learning and professional development to stay updated with the latest technologies and industry trends
PO8	Lifelong Learning and Adaptability	<ul style="list-style-type: none"> ➤ Engage in continuous learning, self-assessment, and professional development to adapt to evolving technologies and industry trends. ➤ Demonstrate the ability to learn independently, acquire new skills and knowledge, and apply them effectively in various contexts.



Course Outcomes (Cos)

B.Sc 1st Year:-

SEMESTER	COURSE CODE	COURSE NAME	COURSE OUTCOMES	
1ST Semester	CCsL-104	Computer Fundamental	CO1	Knows the terms of motherboard, CPU, RAM, ROM, BIOS.
			CO2	Identifies and explains computers hardware
			CO3	Describes the communication units of computers. Demonstrate a basic understanding of Operating System
			CO4	Solve the problem/program by designing algorithms and flowchart.

CO- PO Mapping Matrix for course code CCsL-104

COs/ POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3.0	2.0	2.0	2.0	2.0	2.0	1.0	2.0
CO2	3.0	3.0	2.0	2.0	2.0	1.0	2.0	2.0
CO3	3.0	2.0	2.0	1.0	3.0	2.0	3.0	3.0
CO4	3.0	2.0	2.0	2.0	3.0	3.0	3.0	2.0
Average	3.0	2.5	2.0	1.75	2.5	2.0	2.25	2.25



SEMESTER	COURSE CODE	COURSE NAME	COURSE OUTCOMES	
1 ST Semester	CCsL-105	Programming in C	CO1	Illustrate the flowchart and design an algorithm for a given problem and to develop IC programs using operators.
			CO2	Develop conditional and iterative statements to write C programs
			CO3	Exercise user defined functions to solve real time problems
			CO4	Inscribe C programs that use Pointers to access arrays, strings and functions.
			CO5	Exercise files concept to show input and output of files in C.

CO- PO Mapping Matrix for course code CCsL-105

Cos/ POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3.0	3.0	1.0	1.0	2.0	2.0	3.0	3.0
CO2	3.0	3.0	2.0	2.0	2.0	3.0	3.0	3.0
CO3	3.0	2.0	2.0	1.0	3.0	2.0	3.0	3.0
CO4	3.0	2.0	2.0	2.0	3.0	3.0	3.0	2.0
Average	3.0	2.5	1.8.	1.5	2.5	2.5	3.0	2.8



SEMESTER	COURSE CODE	COURSE NAME	COURSE OUTCOMES	
1 ST Semester	CCsP-109	Computer Lab-I	CO1	Performing basic editing functions, formatting text, copy and moving objects, text. the formatting skills on paragraphs, tables, lists, and pages
			CO2	Knowledge on navigating the Word Ribbon Interface. Understanding the process of inserting graphics, pictures, and table of contents, Drop Cap. Learning the utilities of Auto text, AutoCorrect, Footnotes and Bookmark
			CO3	Demonstrating the basic mechanics and navigation of an Excel spreadsheet
			CO4	Learning to modify presentation themes. Analysing formatting techniques and presentation styles
			CO5	To write diversified solutions using C language

CO- PO Mapping Matrix for course code CCsP-109

Cos/ POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3.0	3.0	2.0	1.0	2.0	2.0	2.0	3.0
CO2	2.0	3.0	2.0	2.0	2.0	3.0	3.0	3.0
CO3	2.0	2.0	2.0	2.0	3.0	2.0	2.0	3.0
CO4	3.0	2.0	2.0	2.0	3.0	3.0	2.0	2.0
Average	2.5	2.5	2.0	1.75	2.5	2.5	2.25	2.75



SEMESTER	COURSE CODE	COURSE NAME	COURSE OUTCOMES	
2 ND Semester	CCsL-205	Computer Organization	CO1	Identify, understand and apply different number systems and codes.
			CO2	Understand the digital representation of data in a computer system
			CO3	Understand the general concepts in digital logic design, including logic elements, and their use in combinational and sequential logic circuit design.
			CO4	Understand computer arithmetic formulate and solve problems, understand the performance requirements of system
			CO5	Study of the basic structure and operation of a digital computer system. Analysis of the design of arithmetic & logic unit and understanding of the fixed point and floating-point arithmetic operations. Implementation of control unit techniques and the concept of Pipelining Understanding the hierarchical memory system, cache memories and virtual memory Understanding the different ways of communicating with I/O devices and standard I/O interfaces.

CO- PO Mapping Matrix for course code CCsL-205

Cos/ POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3.0	3.0	2.0	3.0	2.5	2.5	3.0	3.0
CO2	3.0	3.0	3.0	3.0	2.0	2.5	3.0	3.0
CO3	3.0	2.0	1.0	2.0	3.0	2.75	3.0	2.5
CO4	3.0	2.0	3.0	3.0	2.5	3.0	3.0	2.5
Average	3.0	2.5	2.25	2.75	2.5	2.69	3.0	2.75



SEMESTER	COURSE CODE	COURSE NAME	COURSE OUTCOMES	
2 ND Semester	CCsL-204	Data Structure Using C	CO1	Understand the concept of Dynamic memory management, data types, algorithms, Big O notation.
			CO2	Understand basic data structures such as arrays, linked lists, stacks and queues.
			CO3	Solve problem involving graphs, trees
			CO4	Apply Algorithm for solving problems like sorting, searching, insertion and deletion of data.

CO- PO Mapping Matrix for course code CCsL-204

Cos/ POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3.0	3.0	1.0	1.0	2.0	2.0	2.0	3.0
CO2	3.0	2.0	1.0	2.0	2.0	3.0	2.0	3.0
CO3	3.0	2.0	2.0	1.0	3.0	2.0	2.0	3.0
CO4	3.0	2.0	2.0	2.0	3.0	2.0	2.0	3.0
Average	3.0	2.25	1.5	1.5	2.5	2.25	2.0	3.0

SEMESTER	COURSE CODE	COURSE NAME	COURSE OUTCOMES	
2 nd Semester	CCsP-209	Computer Lab-II	CO1	Be able to design and analyse the time and space efficiency of the data structure ·
			CO2	Be capable to identify the appropriate data structure for given problem ·
			CO3	Have practical knowledge on the applications of data structures



CO- PO Mapping Matrix for course code CCsL-209

Cos/ POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3.0	3.0	3.0	1.0	2.0	2.0	2.5	3.0
CO2	3.0	3.0	2.5	2.0	2.0	2.5	2.5	3.0
CO3	3.0	3.0	2.5	1.0	2.0	2.0	3.0	3.0
CO4	3.0	3.0	2.0	2.0	2.0	2.5	3.0	2.0
Average	3.0	3.0	2.5	1.5	2.0	2.25	2.75	2.8

B.Sc 2ND Year:-

SEMESTER	COURSE CODE	COURSE NAME	COURSE OUTCOMES	
3 rd Semester	CCsL-304	Database Management System	CO1	Describe the fundamental elements of relational database management systems
			CO2	Design ER-models to represent simple database application scenarios
			CO3	Convert the ER-model to relational tables, populate relational database and formulate SQL queries on data.
			CO4	Improve the database design by normalization

CO- PO Mapping Matrix for course code CCsL-304

Cos/ POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3.0	3.0	2.0	1.0	3.0	2.0	2.0	3.0
CO2	3.0	3.0	2.0	2.0	3.0	3.0	1.0	3.0
CO3	3.0	2.0	2.0	1.0	3.0	2.0	1.5	3.0
CO4	3.0	2.0	2.0	2.0	3.0	3.0	1.5	2.0
Average	3.0	2.5	2.0	1.5	3.0	2.5	1.5	2.8



SEMESTER	COURSE CODE	COURSE NAME	COURSE OUTCOMES	
3 rd Semester	CCsL-305	Operating System	CO1	Understands the different services provided by Operating System at different level
			CO2	They learn real life applications of Operating System in every field.
			CO3	They will learn different memory management techniques like paging, segmentation and demand paging etc.
			CO4	Understands the use of different process scheduling algorithm and synchronization techniques to avoid deadlock

CO- PO Mapping Matrix for course code CCsL-305

Cos/ POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3.0	2.7	1.0	1.0	2.0	2.0	2.0	2.0
CO2	3.0	2.3	1.0	2.0	2.0	3.0	1.0	1.0
CO3	3.0	2.4	1.0	1.0	3.0	2.0	2.0	1.0
CO4	3.0	2.6	2.0	2.0	3.0	3.0	1.0	2.0
Average	3.0	2.5	1.25	1.5	2.5	2.5	1.5	1.5



SEMESTER	COURSE CODE	COURSE NAME	COURSE OUTCOMES	
3 rd Semester	CCsL-309	Computer Lab-III	CO1	Description of protection and security.
			CO2	Query a database using SQL DML/DDL commands
			CO3	Programming PL/SQL including stored procedures, stored functions.
			CO4	The Comparison of UNIX and Windows based OS

CO- PO Mapping Matrix for course code CCsL-309

Cos/ POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3.0	3.0	3.0	3.0	3.0	2.0	2.0	3.0
CO2	3.0	3.0	3.0	3.0	3.0	3.0	2.0	3.0
CO3	3.0	2.0	3.0	3.0	3.0	2.0	2.0	3.0
CO4	3.0	2.0	3.0	2.0	3.0	3.0	2.0	2.0
Average	3.0	2.5	3.0	2.75	3.0	2.5	2.0	2.8

SEMESTER	COURSE CODE	COURSE NAME	COURSE OUTCOMES	
4 th Semester	CCsL-404	Software Engineering	CO1	Understand the process to be followed in SDLC
			CO2	Apply design and testing principles to software project development & Design Methodologies
			CO3	Apply the project management and analysis principles to software project development
			CO4	Solve a wide range of problems related to the analysis, design and construction of information systems.



CO- PO Mapping Matrix for course code CCsL-404

Cos/ POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.5	3.0	3.0	1.0	2.0	1.5	1.7	3.0
CO2	3.0	3.0	3.0	2.0	2.0	1.5	1.3	3.0
CO3	2.5	2.0	2.5	1.0	2.0	2.0	2.4	3.0
CO4	2.0	2.0	2.5	2.0	2.0	3.0	2.6	2.0
Average	2.5	2.5	2.75	1.5	2.0	2.0	2.0	2.8

SEMESTER	COURSE CODE	COURSE NAME	COURSE OUTCOMES	
4 th Semester	CCsL-405	Computer Network	CO1	Analyse the functioning of data communication and Computer network
			CO2	Understand the effects of using different networking topologies. Analyse specifics and design the topological and routing strategies for an IP based networking infrastructure
			CO3	Be updated with different advanced network technologies that can be used to connect different networks.
			CO4	Be familiar with various hardware and software that can help protect the network, layers of OSI model and their functionality.

CO- PO Mapping Matrix for course code CCsL-405

Cos/ POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3.0	3.0	1.0	1.0	2.0	3.0	2.0	3.0
CO2	2.5	3.0	1.0	2.0	2.0	3.0	2.0	3.0
CO3	3.0	2.0	1.0	1.0	3.0	3.0	2.0	3.0
CO4	2.5	2.0	2.0	2.0	3.0	3.0	2.0	2.0
Average	2.75	2.5	1.25	1.5	2.5	3.0	2.0	2.8



SEMESTER	COURSE CODE	COURSE NAME	COURSE OUTCOMES	
4 th Semester	CCsL-409	Computer Lab-IV	CO1	Identify and use various networking components. Implement device sharing on network
			CO2	Understand different transmission media and design cables for establishing a network Implement any topology using network devices
			CO3	Analyse performance of various communication protocols.
			CO4	Learn the major software and hardware technologies used on computer networks

CO- PO Mapping Matrix for course code CCsL-409

Cos/ POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.0	3.0	1.0	1.0	2.0	2.0	2.0	2.5
CO2	1.0	3.0	2.0	2.0	2.0	3.0	1.0	1.5
CO3	2.0	2.0	2.0	1.0	3.0	3.0	1.0	2.4
CO4	2.0	2.0	2.0	2.0	3.0	3.0	2.0	2.6
Average	1.75	2.5	1.75	1.5	2.5	2.75	1.5	2.25



B.Sc 3RD Year:-

SEMESTER	COURSE CODE	COURSE NAME	COURSE OUTCOMES	
5 th Semester	CCsl-503	Object Oriented Programming using C++	CO1	Describe OOPs concepts and Use functions and pointers in your C++ program
			CO2	Understand tokens, expressions, and control structures
			CO3	Explain arrays and strings and create programs using them
			CO4	Describe and use constructors and destructors

CO- PO Mapping Matrix for course code CCsl-503

Cos/ POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	1.5	3.0	2.0	1.0	2.0	2.0	1.5	2.0
CO2	2.0	3.0	2.0	2.0	2.0	3.0	1.75	2.0
CO3	2.0	2.0	2.0	1.0	3.0	2.0	1.35	2.0
CO4	1.5	2.0	2.0	2.0	3.0	3.0	1.25	2.0
Average	1.75	2.5	2.0	1.5	2.5	2.5	1.47	2.0

SEMESTER	COURSE CODE	COURSE NAME	COURSE OUTCOMES	
5 th Semester	CCsl-504	Data Analytics	CO1	Analyse and interpret data using an ethically responsible approach.
			CO2	Use appropriate models of analysis, assess the quality of input, derive insight from results, and investigate potential issues.
			CO3	Apply algorithms, as well as mathematical and statistical models.
			CO4	Learn principles of optimization.



CO- PO Mapping Matrix for course code CCsL-504

Cos/ POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.0	2.0	2.0	1.0	2.0	2.0	2.5	3.0
CO2	2.0	3.0	2.0	2.0	2.0	3.0	2.5	3.0
CO3	2.0	2.0	2.0	1.0	3.0	2.0	2.0	3.0
CO4	2.0	2.0	2.0	2.0	3.0	3.0	2.0	2.0
Average	2.0	2.25	2.0	1.5	2.5	2.5	2.25	2.8

SEMESTER	COURSE CODE	COURSE NAME	COURSE OUTCOMES	
5 th Semester	CCsl-505	Cloud Computing	CO1	Explain the core concepts of the cloud computing paradigm: how and why this paradigm shift came about, the characteristics, advantages and challenges brought about by the various models and services in cloud computing.
			CO2	Apply the fundamental concepts in data centres to understand the trade-offs in power, efficiency and cost
			CO3	Identify resource management fundamentals, i.e. resource abstraction, sharing and sandboxing and outline their role in managing infrastructure in cloud computing.
			CO4	Analyse various cloud programming models and apply them to solve problems on the cloud

CO- PO Mapping Matrix for course code CCsL-505

Cos/ POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3.0	3.0	1.0	1.0	2.0	2.0	3.0	3.0
CO2	3.0	3.0	2.0	2.0	2.0	3.0	3.0	3.0
CO3	3.0	2.0	2.0	1.0	3.0	2.0	3.0	3.0
CO4	3.0	2.0	2.0	2.0	3.0	3.0	3.0	2.0
Average	3.0	2.5	1.75	1.5	2.5	2.5	3.0	2.8



SEMESTER	COURSE CODE	COURSE NAME	COURSE OUTCOMES	
5 th Semester	CCsP-509	Computer Lab-V	CO1	Understand and employ file management
			CO2	Demonstrate how to control errors with exception handling
			CO3	Describe the constructors and destructors
			CO4	Use functions and pointers

CO- PO Mapping Matrix for course code CCsP-509

Cos/ POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.5	3.0	2.5	2.0	2.0	2.4	2.5	2.0
CO2	3.0	2.6	2.0	2.0	2.0	3.0	1.6	2.7
CO3	2.8	2.5	2.0	2.0	3.0	2.6	1.4	2.3
CO4	3.0	2.4	2.5	2.0	3.0	3.0	2.5	2.0
Average	2.8	2.6	2.25	2.0	2.5	2.75	2.0	2.5

SEMESTER	COURSE CODE	COURSE NAME	COURSE OUTCOMES	
6 th Semester	CCsI-603	Computer Graphics	CO1	Understand the basics of computer graphics, different graphics systems and applications of computer graphics
			CO2	Discuss various algorithms for scan conversion and filling of basic objects and their comparative analysis
			CO3	Use of geometric transformations on graphics objects and their application in composite form.
			CO4	Explore projections and visible surface detection techniques for display of 3D scene on 2D screen and Render projected objects to naturalize the scene in 2D view and use of illumination models for this.



CO- PO Mapping Matrix for course code CCsl-603

Cos/ POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.5	3.0	1.0	1.0	2.0	2.0	2.0	1.5
CO2	3.0	2.0	1.5	2.5	3.0	3.0	2.0	2.5
CO3	2.5	2.0	1.5	2.5	3.0	2.0	3.0	2.5
CO4	3.0	2.0	2.0	2.0	3.0	3.0	3.0	1.5
Average	2.75	2.25	1.5	1.75	2.75	2.5	2.5	2.0

SEMESTER	COURSE CODE	COURSE NAME	COURSE OUTCOMES	
6 th Semester	CCsl-604	Python Programming	CO1	How to use lists, tuples, and dictionaries in Python programs
			CO2	To define the structure and components of a Python program.
			CO3	To learn how to read and write files in Python.
			CO4	To learn how to use class inheritance in Python for reusability. To learn how to use exception handling in Python applications for error handling.

CO- PO Mapping Matrix for course code CCsl-604

Cos/ POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3.0	2.6	3.0	3.0	2.0	2.0	2.5	3.0
CO2	2.7	2.5	3.0	3.0	2.0	3.0	2.5	3.0
CO3	3.0	2.4	3.0	3.0	3.0	2.0	1.5	1.7
CO4	2.3	2.5	2.0	1.0	3.0	3.0	1.5	1.3
Average	2.75	2.5	2.75	2.5	2.5	2.5	1.5	2.25



SEMESTER	COURSE CODE	COURSE NAME	COURSE OUTCOMES	
6 th Semester	CCSI-609	Computer Lab-VI	CO1	To understand the fundamental concepts of most programming languages and the trade-off between language design and implementation
			CO2	Demonstrate skills and knowledge of state-of-the-art.
			CO3	Design and apply modern tools for designing and draft
			CO4	Demonstrate technological tools and techniques

CO- PO Mapping Matrix for course code CCSI-609

Cos/ POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3.0	3.0	2.7	2.0	2.0	2.0	3.0	3.0
CO2	3.0	2.0	2.5	2.0	2.0	3.0	1.0	3.0
CO3	3.0	2.0	2.5	1.0	3.0	2.0	3.0	2.5
CO4	3.0	2.0	2.3	2.0	3.0	3.0	1.0	2.5
Average	3.0	2.25	2.5	1.75	2.5	2.5	2.0	2.75



Course Specific Outcome
&
Programme Specific Outcomes

For
B.COM (GENERAL)



After completion of the Bachelor of Commerce programme that aims at providing comprehensive insight into accounting, finance, banking, law, taxation, management, and international business, the students should be able to:

PO1	Knowledge	Capable of demonstrating comprehensive disciplinary knowledge gained during course of study.
PO2	Communication	Develop an ability to effectively communicate both orally and verbally.
PO3	Problem Solving	Acknowledge roles of entrepreneur, businessmen, manager and consultant etc., which will help learners to possess knowledge and other soft skills and to react aptly when confronted with critical decision making.
PO4	Pragmatic Approach	The practical knowledge of various aspects of finance for business, like accountancy, financing, costing and economics etc. are helpful in learning and application-centric approach towards business amongst students.
PO5	Implementation of Modern Tool	Ability to use and learn latest techniques, skills and modern tools for practices in businesses.
PO6	Life-Long Learning	Ability to use and learn latest techniques, skills and modern tools for practice in business. skills that are learnt during the course are applied in realistic situations throughout the life.
PO7	Project Management	Capable to respond to the global outlook on challenges and opportunities in Accounting and Financial sector.
PO8	Entrepreneurship	Students can independently start up their own business with requisite knowledge of legal, financial, technical and marketing aspects of entrepreneurship.
PO9	Individual and Team Work	Develop self-confidence and should also appreciate importance of working independently and in a team.
PO10	Environment and Sustainability	Development of a responsible entrepreneur who are environmentally sensitive and understands the importance of sustainable development.
PO11	Ethics	Awareness on legal, social and ethical issues in business



BCOM 101: FINANCIAL ACCOUNTING-I	External Marks: 70
Time: 3Hours	Internal marks:30
<p>Note: Paper setter will set nine questions in all. Question No. 1 comprising of seven short types questions carrying two (2) marks each are compulsory and will cover the entire syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. Important: The Examiner will set at least THREE numerical questions in the question paper.</p>	

CO1	Understand the concept of Financial Accounting, Book- keeping, accounting and accountancy, Branches of accounting, GAAP vs. FASB, Accounting equation, Accounting concepts and conventions.
CO2	Understand the procedure and principle on how transaction are recorded and posted.
CO3	Master in understanding the Classification of income, expenditure and receipts, deferred revenue expenditure, Provisions and Reserve and, methods of charging and recording depreciation.
CO4	Apply the knowledge and skills of accounting to prepare accounts of non-profit organisation and analyse financial statements of sole proprietor.

CO-PO MAPPING MATRIX FOR COURSE CODE:BCOM101

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10	PO11
CO1	2	2	3	2	3	2	2	3	3	2	3
CO2	3	3	2	3	3	3	2	3	3	2	2
CO3	2	2	2	2	2	3	3	3	3	1	2
CO4	3	3	3	3	2	3	3	2	2	3	1
AVERAGE	2.5	2.5	2.5	2.5	2.5	2.75	2.5	2.75	2.75	2	2



BCOM 102: MICROECONOMICS	External Marks: 70
Time: 3Hours	Internal marks:30
<p>Note: Paper setter will set nine questions in all. Question No. 1 comprising of seven short types questions carrying two (2) marks each are compulsory and will cover the entire syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. Important: The Examiner will set at least THREE numerical questions in the question paper.</p>	

CO1	Understand the basic concepts, Nature and scope of microeconomics, circular flow, positive and normative economics, deductive and inductive methods, production possibility frontier, theory of demand, Theory of supply
CO2	Develop an understanding of consumer behavior through Cardinal utility and ordinal utility analysis
CO3	Develop an understanding of law of production, cost curves and analysis
CO4	Apply the knowledge in price and output determination of different markets and their behaviour

CO-PO MAPPING MATRIX FOR COURSE CODE:BCOM102

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10	PO11
CO1	3	2	2	2	3	2	3	3	1	2	2
CO2	3	3	2	3	3	2	3	3	3	2	3
CO3	3	2	3	3	3	2	3	3	2	3	3
CO4	3	3	3	3	3	3	3	3	2	3	2
AVER AGE	3	2.5	2.5	2.75	3	2.25	3	3	2	2.5	2.5



BCOM 103: Principle of Management.	External Marks: 70
Time: 3Hours	Internal marks:30
<p>Note: Paper setter will set nine questions in all. Question No. 1 comprising of seven short types questions carrying two (2) marks each are compulsory and will cover the entire syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. Important: The Examiner will set at least THREE numerical questions in the question paper.</p>	

CO1	Understand the term Business & its Forms, Functional areas of management, level of management and Mintzberg's Managerial Roles
CO2	Understand the various management approach and their importance . Also understand the contributions of Henry Fayol, F.W. Taylor and Peter F. Drucker etc.
CO3	Master in understanding the Planning , Planning Process, Types of Plans, Barriers to Effective Planning, Principles of Organisation, Organizational Structure, Authority and Delegation .
CO4	Develop an understanding of concept like staffing, motivation, Leadership styles, Controlling and controlling techniques.

CO-PO MAPPING MATRIX FOR COURSE CODE:BCOM103

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10	PO11
CO1	2	2	3	3	3	3	3	3	3	3	3
CO2	3	3	2	3	2	3	2	3	3	3	3
CO3	2	3	2	3	2	3	3	2	2	3	3
CO4	3	3	3	2	3	2	2	2	3	2	3
AVER AGE	2.5	2.75	2.5	2.75	2.5	2.75	2.5	2.5	2.75	2.75	3



BCOM 104:COMPUTER APPLICATION IN BUSINESS	External marks:70
Time: 3Hours	Internal marks:30
<p>Note: Paper setter will set nine questions in all. Question No. 1 comprising of seven short types questions carrying two (2) marks each are compulsory and will cover the entire syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. Important: The Examiner will set at least THREE numerical questions in the question paper.</p>	

CO1	Understand and recognise the structure of computer, Input and output devices, CPU and processors, Computer software, Microsoft Word, Excel and Power point.
CO2	Develop an understanding of Information Technology ,effects of IT on business, Transaction Processing System (TPS), Management Information System (MIS).
CO3	Develop an understanding of E-commerce and World Wide Web. Capable to understand e-commerce models, M-commerce.
CO4	Capable in Applying the knowledge and skills related to online payment system, Payment gateways, Risk management options for E-payment systems.

CO-PO MAPPING MATRIX FOR COURSE CODE:BCOM-104

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10	PO11
CO1	3	3	2	3	3	2	2	2	2	3	2
CO2	3	2	3	3	3	3	2	2	2	2	2
CO3	2	3	3	3	2	2	2	2	2	1	2
CO4	3	2	2	2	2	3	3	3	2	2	1
AVER AGE	2.75	2.5	2.5	2.75	2.5	2.5	2.25	2.25	2	2	1.75



BCOM 105:BUSINESS MATHEMATICS	External Marks: 70
Time: 3Hours	Internal marks:30
<p>Note: Paper setter will set nine questions in all. Question No. 1 comprising of seven short types questions carrying two (2) marks each are compulsory and will cover the entire syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. Important: The Examiner will set at least THREE numerical questions in the question paper.</p>	

CO1	Understand the Matrices and Determinants: concept of matrix, types, and algebra of matrices; properties of determinants and solve the problems related to matrices and determinants ,Finding inverse of a matrix through adjoint and elementary row or column operation and also solve the linear equations having unique solution and involving not more than three variables.
CO2	Apply knowledge in Solving the practical problem of linear inequalities of two variables.
CO3	Develop an understanding about formulation of equation, graphical method of solution, problems relating to two variables including the case of mixed constraints.
CO4	Solve the practical problems of Logarithms and Anti-logarithms, Permutations and Combinations.

CO-PO MAPPING MATRIX FOR COURSE CODE:BCOM105

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10	PO11
CO1	3	3	3	2	2	2	2	2	3	2	2
CO2	3	3	3	3	2	2	3	3	3	2	2
CO3	3	3	3	2	3	3	2	3	2	2	2
CO4	3	3	3	3	3	3	3	2	2	2	2
AVER AGE	3	3	3	2.5	2.5	2.5	2.5	2.5	2.5	2	2



EVS-201L	EXTERNAL MARKS:70
Time: 3Hours Internalmarks:30	
<p>Note: Paper setter will set nine questions in all. Question No. 1 comprising of seven short types questions carrying two (2) marks each are compulsory and will cover the entire syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. Important: The Examiner will set at least THREE numerical questions in the question paper.</p>	

CO1	Understand and recognise the multidisciplinary nature of Environmental, need for public awareness, structure and function of an ecosystem and bio-diversity
CO2	Develop an understanding of renewable and non-renewable resources, problem associated with natural resources.
CO3	Develop an understanding of environment Pollution & its Cause and control measures, different laws related to environment, International agreements: Montreal & Kyoto Protocol & Nature reserves, tribal populations and human health.
CO4	Develop an understanding what is the importance of sustainable development, water conservation, rain water harvesting, watershed management, Resettlement and rehabilitation.

CO-PO MAPPING MATRIX FOR COURSE CODE:EV201L

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10	PO11
CO1	3	3	2	3	3	2	2	2	2	3	2
CO2	3	2	3	3	3	3	2	2	2	2	2
CO3	2	3	3	3	2	2	2	2	2	1	2
CO4	3	2	2	2	2	3	3	3	2	2	1
AVER AGE	2.75	2.5	2.5	2.75	2.5	2.5	2.25	2.25	2	2	1.75



BCOM 201: FINANCIAL ACCOUNTING-II	External Marks: 70
Time: 3Hours	Internal marks:30
<p>Note: Paper setter will set nine questions in all. Question No. 1 comprising of seven short types questions carrying two (2) marks each are compulsory and will cover the entire syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. Important: The Examiner will set at least THREE numerical questions in the question paper.</p>	

CO1	Understand the theoretical framework of Royalty Account and consignment Account. Prepare the ledger accounts of Royalty and Consignment account.
CO2	Prepare the Financial Statements of joint venture and Branch Accounts.
CO3	Master the technical skills needed to prepare accounting statements of Hire purchase.
CO4	Enables the students to prepare accounts of partnership Firm .

CO-PO MAPPING MATRIX FOR COURSE CODE:BCOM 201

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10	PO11
CO1	2	2	3	2	3	2	2	3	3	2	1
CO2	3	3	2	3	3	3	3	3	3	2	2
CO3	2	3	2	2	2	2	3	3	3	1	3
CO4	3	2	2	3	2	3	3	2	2	3	2
AVER AGE	2.5	2.5	2.25	2.5	2.5	2.5	2.75	2.75	2.75	2	2



BCOM-202 MANAGERIAL ECONOMICS	External marks -70
Time: 3Hours	Internal marks-30
<p>Note: Paper setter will set nine questions in all. Question No. 1 comprising of seven short types questions carrying two (2) marks each are compulsory and will cover the entire syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. Important: The Examiner will set at least THREE numerical questions in the question paper.</p>	

CO1	Understand the nature and scope of Macroeconomics, National Income and circular flow of economy , Principle of effective Demand.
CO2	Develop an understanding of Classical macroeconomics , Say's law of market ,New classical models of output determination ,Keynes model of income determination and Consumption function.
CO3	Develop an understanding of the Investment and Saving function, investment multiplier and the principle of Acceleration. Also enable to manage the business cycle phases.
CO4	Develop an understanding about the Nature and types of Money, Keynesian theory of money, inflation and the phillips curve .

CO-PO MAPPING MATRIX FOR COURSE CODE:BCOM202

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10	PO11
CO1	3	2	2	2	3	2	1	3	1	2	2
CO2	3	2	2	3	3	2	3	3	3	2	3
CO3	3	3	3	3	3	2	3	2	2	3	3
CO4	3	3	3	3	3	3	3	2	2	3	2
AVERAGE	3	2.5	2.5	2.75	3	2.25	2.75	2.75	2	2.5	2.5



BCOM-202 MANAGERIAL ECONOMICS	External marks -70
Time: 3Hours	internal marks-30
<p>Note: Paper setter will set nine questions in all. Question No. 1 comprising of seven short types questions carrying two (2) marks each are compulsory and will cover the entire syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. Important: The Examiner will set at least THREE numerical questions in the question paper.</p>	

CO1	Understand the nature and scope of Macroeconomics, National Income and circular flow of economy , Principle of effective Demand.
CO2	Develop an understanding of Classical macroeconomics , Say’s law of market ,New classical models of output determination ,Keynes model of income determination and Consumption function.
CO3	Develop an understanding of the Investment and Saving function, investment multiplier and the principle of Acceleration. Also enable to manage the business cycle phases.
CO4	Develop an understanding about the Nature and types of Money, Keynesian theory of money, inflation and the phillips curve .

CO-PO MAPPING MATRIX FOR COURSE CODE:BCOM202

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10	PO11
CO1	3	2	2	2	3	2	1	3	1	2	2
CO2	3	2	2	3	3	2	3	3	3	2	3
CO3	3	3	3	3	3	2	3	2	2	3	3
CO4	3	3	3	3	3	3	3	2	2	3	2
AVE RAG E	3	2.5	2.5	2.75	3	2.25	2.75	2.75	2	2.5	2.5



BCOM-203 BUSINESS COMMUNICATION	External marks -70
Time: 3Hours	Internal marks-30
<p>Note: Paper setter will set nine questions in all. Question No. 1 comprising of seven short types questions carrying two (2) marks each are compulsory and will cover the entire syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. Important: The Examiner will set at least THREE numerical questions in the question paper.</p>	

CO1	Understand the meaning of Business Communication, electronic communication, Process, theories and models of communication.
CO2	Acquire knowledge on communication Skills, Listening skills ,speaking skills, public speaking, body language and para language.
CO3	Gain understanding on written Communication –structures and layout of business letters; types of letters, writing memo, notice and circular.
CO4	Acquire understanding of Business Reports ,presentation of reports, Meetings , agenda of meeting and recording of minutes of meetings.

CO-PO MAPPING MATRIX FOR COURSE CODE:BCOM203

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10	PO11
CO1	2	3	3	2	2	3	2	3	2	3	2
CO2	3	2	3	3	2	2	3	2	2	2	3
CO3	3	3	3	3	3	2	3	2	2	2	2
CO4	3	2	2	3	3	3	2	2	3	2	3
AVER AGE	2.75	2.5	2.75	2.75	2.5	2.5	2.5	2.25	2.25	2.25	2.5



BCOM-204 MARKETING MANAGEMENT	External marks -70
Time: 3Hours	Internal marks-30
<p>Note: Paper setter will set nine questions in all. Question No. 1 comprising of seven short types questions carrying two (2) marks each are compulsory and will cover the entire syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. Important: The Examiner will set at least THREE numerical questions in the question paper.</p>	

CO1	Understand the concept of Marketing, marketing mix and marketing environment.
CO2	Analyse the market based on market segmentation, targeting, and positioning and Marketing research for understanding the consumer behaviour .
CO3	Understand the concept of product development and pricing decision.
CO4	Develop an understanding of marketing channels, physical distribution, customer relationship marketing and Promotion mix.

CO-PO MAPPING MATRIX FOR COURSE CODE:BCOM204

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10	PO1 1
CO1	3	3	3	2	3	3	3	2	3	3	3
CO2	3	2	3	2	2	2	3	3	2	2	2
CO3	3	2	3	3	3	3	3	3	2	3	3
CO4	2	2	2	2	2	3	2	2	3	2	3
AVER AGE	2.75	2.25	2.75	2.25	2.5	2.75	2.75	2.5	2.5	2.5	2.75



BCOM205 Organisational Behaviour	External marks -70
Time: 3Hours	Internal marks-30
<p>Note: Paper setter will set nine questions in all. Question No. 1 comprising of seven short types questions carrying two (2) marks each are compulsory and will cover the entire syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. Important: The Examiner will set at least THREE numerical questions in the question paper.</p>	

CO1	Understand the concept organisational Behaviour, Contributing disciplines of OB and Organizational Behaviour Models.
CO2	Acquire knowledge about the individual Behaviour, traits and theories of personality, learning , perception and Attitude Formation.
CO3	Master in understanding the role of transactional Analysis, Group and Group Dynamics.
CO4	Understand the concept of Organizational Change, Organizational Conflict, Organizational Development, Organizational Culture and Climate, Stress management and Emotional Intelligence .

CO-PO MAPPING MATRIX FOR COURSE CODE:BCOM205

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10	PO1 1
CO1	3	3	3	2	3	3	3	2	3	3	3
CO2	3	2	3	2	2	2	3	3	2	2	2
CO3	3	2	3	3	3	3	3	3	2	3	3
CO4	2	2	2	2	2	3	2	2	3	2	3
AVE RAG E	2.75	2.25	2.75	2.25	2.5	2.75	2.75	2.5	2.5	2.5	2.75



BCOM206 Business Environment	External marks -70
Time: 3Hours	Internal marks-30
<p>Note: Paper setter will set nine questions in all. Question No. 1 comprising of seven short types questions carrying two (2) marks each are compulsory and will cover the entire syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. Important: The Examiner will set at least THREE numerical questions in the question paper.</p>	

CO1	Understand the nature and significance business environment and their impact on business and strategic decisions .
CO2	Gain knowledge about the concept of globalized business environment, Foreign Direct Investments, WTO , Indian Foreign Trade and balance of payment.
CO3	Master in understanding the theoretical framework of Economic systems, Economic Reforms, Monetary and Fiscal Policy ,Privatization in India, Public sector enterprises, Micro, Small and Medium Enterprises.
CO4	Master in understanding the Social Responsibilities of Business, Ethics and Corporate Governance.

CO-PO MAPPING MATRIX FOR COURSE CODE:BCOM206

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10	PO11
CO1	3	2	2	2	3	2	1	3	1	2	2
CO2	3	2	2	3	3	2	3	3	3	2	3
CO3	3	3	3	3	3	2	3	2	2	3	3
CO4	3	3	3	3	3	3	3	2	2	3	2
AVE RAG E	3	2.5	2.5	2.75	3	2.25	2.75	2.75	2	2.5	2.5



BCOM-301	External marks-70
Time: 3Hours	Internal marks-30
<p>Note: Paper setter will set nine questions in all. Question No. 1 comprising of seven short types questions carrying two (2) marks each are compulsory and will cover the entire syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. Important: The Examiner will set at least THREE numerical questions in the question paper.</p>	

CO1	Understand all the methods available for valuation of Goodwill and Valuation of shares of a company. Solve different problems relating to liquidation of companies.
CO2	Understand the accounting treatment of Book building, Right and Bonus Shares, Buy Back of Share , Redemption of Preference Shares, Issue and Redemption of Debentures, Final Accounts of Companies and Internal Reconstruction.
CO3	Preparation of Consolidated Balance Sheet with One Subsidiary Company, Relevant Provisions of Accounting Standard 21.
CO4	Solve different problems relating to Amalgamation of companies.

CO-PO MAPPING MATRIX FOR COURSE CODE:BCOM301

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10	PO11
CO1	3	2	3	3	3	3	3	2	2	1	1
CO2	3	2	3	3	3	3	3	2	2	1	1
CO3	3	2	3	3	3	3	3	2	2	1	1
CO4	3	2	3	3	3	3	3	2	2	1	1
AVE RAG E	3	2	3	3	3	3	3	2	2	1	1



BCOM-302 Business statistics	External marks -70
Time: 3Hours	Internal marks-30
<p>Note: Paper setter will set nine questions in all. Question No. 1 comprising of seven short types questions carrying two (2) marks each are compulsory and will cover the entire syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. Important: The Examiner will set at least THREE numerical questions in the question paper.</p>	

CO1	Learn the basic terminology of statistics and its conceptual framework.
CO2	Learn the presentation of data and application of central tendency and positional averages.
CO3	Acquire knowledge to Measures the dispersion and Skewness.
CO4	Understand the application of knowledge of correlation and regression analysis in studies.

CO-PO MAPPING MATRIX FOR COURSE CODE:BCOM302

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10	PO1 1
CO1	3	2	3	3	3	3	3	2	2	2	2
CO2	3	2	3	3	3	3	3	2	2	2	2
CO3	3	2	3	3	3	3	3	2	2	2	2
CO4	3	2	3	3	3	3	3	2	2	2	2
AVE RAG E	3	2	3	3	3	3	3	2	2	2	2



BCOM-303 Business Laws	External marks -70
Time: 3Hours	Internal marks-30
<p>Note: Paper setter will set nine questions in all. Question No. 1 comprising of seven short types questions carrying two (2) marks each are compulsory and will cover the entire syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. Important: The Examiner will set at least THREE numerical questions in the question paper.</p>	

CO1	Understand the basics of Indian Contract Act 1872, performance of contract, Breach of contract.
CO2	Learn the basics of contracts of indemnity and Guarantee, bailment and pledge and contract of agency.
CO3	Gain the knowledge about Sale of Goods Act.
CO4	Learn basics of Negotiable Instrument Act and scope of Information Technology Act.

CO-PO MAPPING MATRIX FOR COURSE CODE:BCOM204

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10	PO1 1
CO1	3	3	3	2	3	3	3	2	3	2	3
CO2	2	3	3	2	2	2	2	3	2	2	2
CO3	3	2	3	3	3	3	3	3	2	3	2
CO4	2	2	2	2	2	3	2	2	3	2	2
AVE RAG E	2.5	2.5	2.75	2.25	2.5	2.75	2.5	2.5	2.5	2.25	2.25



BCOM-304 COMPUTERISED ACCOUNTING SYSTEM. practical marks-30	External marks -40
Time: 3Hours	Internal marks-30
<p>Note: Paper setter will set nine questions in all. Question No. 1 comprising of seven short types questions carrying two (2) marks each are compulsory and will cover the entire syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. Important: The Examiner will set at least THREE numerical questions in the question paper.</p>	

CO1	Understand the basics terminology of Tally ERP9 .
CO2	Learn the application of voucher entry, budget, balance sheet, profit and loss account, currency, debit note, credit note, interest calculation.
CO3	Understand the application and techniques to maintain sales order, purchase order, delivery note.
CO4	Learn the basics of Payroll Accounts .

CO-PO MAPPING MATRIX FOR COURSE CODE:BCOM304

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10	PO1 1
CO1	3	3	3	2	3	3	3	2	3	2	3
CO2	2	3	3	2	2	2	2	3	2	2	2
CO3	3	2	3	3	3	3	3	3	2	3	2
CO4	2	2	2	2	2	3	2	2	3	2	2
AVERAGE	2.5	2.5	2.7 5	2.2 5	2.5	2.7 5	2.5	2.5	2.5	2.2 5	2.25



BCOM-305 Indian financial system	External marks -70
Time: 3Hours	Internal marks-30
<p>Note: Paper setter will set nine questions in all. Question No. 1 comprising of seven short types questions carrying two (2) marks each are compulsory and will cover the entire syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. Important: The Examiner will set at least THREE numerical questions in the question paper.</p>	

CO1	Understand the nature and role of financial system in economic development.
CO2	Gain knowledge about the components of financial system and recent developments in Indian capital market and also the role of SEBI.
CO3	Master in understanding the Debt Market instruments , role of RBI.
CO4	Acquire knowledge about the application of E-Banking, payment banks and development banks in India.

CO-PO MAPPING MATRIX FOR COURSE CODE:BCOM305

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10	PO1 1
CO1	3	2	3	3	3	3	3	2	2	2	2
CO2	3	2	3	3	3	3	3	2	2	3	2
CO3	3	2	2	3	3	2	2	2	2	2	2
CO4	3	2	3	3	3	2	3	2	2	2	2
AVE RAG E	3	2	2.75	3	3	2	2.75	2	2	2.25	2



BCOM-306(i) Rural marketing	External marks -70
Time: 3Hours	Internal marks-30
<p>Note: Paper setter will set nine questions in all. Question No. 1 comprising of seven short types questions carrying two (2) marks each are compulsory and will cover the entire syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. Important: The Examiner will set at least THREE numerical questions in the question paper.</p>	

CO1	Understand the basic concept of rural marketing.
CO2	Gain knowledge of rural consumer decision making process.
CO3	Master in understanding the basis of segment in rural markets, Branding, Packaging, and Pricing methods of rural markets.
CO4	Develop understanding about the Promotion strategies and channels of distribution in rural markets.

CO-PO MAPPING MATRIX FOR COURSE CODE:BCOM306(i)

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10	PO1 1
CO1	3	2	3	3	3	3	3	2	3	2	3
CO2	3	2	3	3	3	3	3	3	3	3	3
CO3	3	2	2	3	3	2	2	2	3	2	3
CO4	3	2	3	3	3	3	3	3	2	3	3
AVE RAG E	3	2	2.75	3	3	2.75	2.75	2.5	2.75	2.75	3



BCOM-401 COST ACCOUNTING	External marks -70
Time: 3Hours	Internal marks-30
<p>Note: Paper setter will set nine questions in all. Question No. 1 comprising of seven short types questions carrying two (2) marks each are compulsory and will cover the entire syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. Important: The Examiner will set at least THREE numerical questions in the question paper.</p>	

CO1	Enable to define the basic concepts cost Accounting
CO2	Learn to recognize the contribution of Cost Accounting in quality decision making.
CO3	Enable to apply various methods of job and batch Accounting .
CO4	Master in understanding of standard costing and variance analysis.

CO-PO MAPPING MATRIX FOR COURSE CODE:BCOM306(i)

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10	PO1 1
CO1	3	2	3	3	3	3	3	2	3	2	3
CO2	3	2	3	3	3	3	3	3	3	3	3
CO3	3	2	2	3	3	2	2	2	3	2	3
CO4	3	2	3	3	3	3	3	3	2	3	3
AVE RAG E	3	2	2.75	3	3	2.75	2.75	2.5	2.75	2.75	3



BCOM-402 Business statistics	External marks -70
Time: 3Hours	Internal marks-30
<p>Note: Paper setter will set nine questions in all. Question No. 1 comprising of seven short types questions carrying two (2) marks each are compulsory and will cover the entire syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. Important: The Examiner will set at least THREE numerical questions in the question paper.</p>	

CO1	Understand the basic concept probability and its application.
CO2	Learn the application of theoretical distribution of probability.
CO3	Master in understanding the construction and application of index number in real life situations.
CO4	. Master in understanding the application of time series analysis in decision making .

CO-PO MAPPING MATRIX FOR COURSE CODE:BCOM402

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10	PO11
CO1	3	2	3	3	3	3	3	2	3	3	3
CO2	3	2	3	3	3	3	3	3	3	3	3
CO3	3	2	2	3	3	2	2	2	3	3	3
CO4	3	2	3	3	3	3	3	3	2	3	3
AVE RAGE	3	2	2.75	3	3	2.75	2.75	2.5	2.75	3	3



BCOM-403 Auditing	External marks -70
Time: 3Hours	Internal marks-30
<p>Note: Paper setter will set nine questions in all. Question No. 1 comprising of seven short types questions carrying two (2) marks each are compulsory and will cover the entire syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. Important: The Examiner will set at least THREE numerical questions in the question paper.</p>	

	Understand the basic concept ,scope and documentation of auditing.
CO2	Gain knowledge about vouching ,internal checking and powers of auditors..
CO3	Master in understanding the auditing process of different type of organisation.
CO4	Enable to understand the importance of investigation in auditing and ethics in auditing.

CO-PO MAPPING MATRIX FOR COURSE CODE:BCOM403

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10	PO1 1
CO1	3	3	3	2	3	3	3	2	3	2	3
CO2	2	3	3	2	2	2	2	3	2	2	2
CO3	3	2	3	3	3	3	3	3	2	3	2
CO4	2	2	2	2	2	3	2	2	3	2	2
AVERAGE	2.5	2.5	2.75	2.25	2.5	2.75	2.5	2.5	2.5	2.25	2.25



BCOM-404 Company law	External marks -70
Time: 3Hours	Internal marks-30
<p>Note: Paper setter will set nine questions in all. Question No. 1 comprising of seven short types questions carrying two (2) marks each are compulsory and will cover the entire syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. Important: The Examiner will set at least THREE numerical questions in the question paper.</p>	

CO1	Understand the concept of company and its legal framework related to the formation of company
CO2	Gain knowledge about prospectus and requisitions of valid meeting; voting, proxy and resolutions; kinds of general body meetings.
CO3	Master in understanding the qualification, appointment and removal of directors, duties and liabilities of directors; remuneration of directors and investigation etc.
CO4	Enable to understand the Prevention of oppression & mismanagement and modes of winding up of a company, power and duties of a liquidator in winding up.

CO-PO MAPPING MATRIX FOR COURSE CODE:BCOM404

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10	PO11
CO1	3	3	3	2	3	3	3	2	3	2	3
CO2	3	3	3	2	2	2	2	3	2	2	2
CO3	3	2	3	3	3	3	3	3	2	3	3
CO4	3	2	2	2	2	3	2	2	3	3	2
AVERAGE	3	2.5	2.75	2.25	2.5	2.75	2.5	2.5	2.5	2.5	2.5



BCOM-405: ENTREPRENEURSHIP DEVELOPMENT.	External marks -70
Time: 3Hours	Internal marks-30
<p>Note: Paper setter will set nine questions in all. Question No. 1 comprising of seven short types questions carrying two (2) marks each are compulsory and will cover the entire syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. Important: The Examiner will set at least THREE numerical questions in the question paper.</p>	

CO1	Understand the concept of Entrepreneurship Development and its role in Economic Development., Women entrepreneurship, Rural entrepreneurship
CO2	Gain knowledge about Entrepreneurial competencies ,Role, relevance and achievements of Entrepreneurial Development Programmes (EDP).
CO3	Master in Opportunity Identification and selection, also in Formulation of business plans and Project appraisal.
CO4	Gain knowledge about the Institutional support to entrepreneurs ,Government policy for small-scale enterprises.

CO-PO MAPPING MATRIX FOR COURSE CODE:BCOM405

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10	PO11
CO1	3	3	3	2	3	3	3	2	3	3	3
CO2	2	3	3	2	2	2	2	3	3	3	2
CO3	3	2	2	3	3	3	3	3	3	3	3
CO4	3	2	2	2	2	3	2	2	3	3	2
AVE RAGE	2.75	2.5	2.5	2.25	2.5	2.75	2.5	2.5	3	3	2.5



BCOM-406: RETAIL MANAGEMENT.	External marks -70
Time: 3Hours	Internal marks-30
<p>Note: Paper setter will set nine questions in all. Question No. 1 comprising of seven short types questions carrying two (2) marks each are compulsory and will cover the entire syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. Important: The Examiner will set at least THREE numerical questions in the question paper.</p>	

CO1	Understand the basic concept of retail management and its importance.
CO2	Gain knowledge about various theories of retailing and stores layout.
CO3	Master in understanding of retail pricing strategies and merchandise planning.
CO4	Gain knowledge about the Retail Communication mix, Logistics in retail, Human Resource Management in Retailing and IT in retailing.

CO-PO MAPPING MATRIX FOR COURSE CODE:BCOM406(i)

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10	PO11
CO1	3	3	3	2	3	3	3	2	3	3	3
CO2	2	3	3	2	2	2	2	3	2	3	2
CO3	3	2	2	3	3	3	3	3	3	2	3
CO4	3	2	2	2	2	3	2	2	2	3	2
AVE RAG E	2.75	2.5	2.5	2.25	2.5	2.75	2.5	2.5	2.5	2.75	2.5



BCOM-501 COST ACCOUNTING (old scheme)	External marks-70
Time: 3Hours	Internal marks-30
<p>Note: Paper setter will set nine questions in all. Question No. 1 comprising of seven short types questions carrying two (2) marks each are compulsory and will cover the entire syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. Important: The Examiner will set at least THREE numerical questions in the question paper.</p>	

CO1	Enable to define the basic concepts and scope of cost Accounting
CO2	Learn to recognize the contribution of Cost Accounting in quality decision making.
CO3	Enable to maintain ledger accounts of various types of costing.
CO4	Gain knowledge about the application of break even analysis and variance analysis.

CO-PO MAPPING MATRIX FOR COURSE CODE:BCOM501

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10	PO1 1
CO1	3	2	3	3	3	3	3	2	3	2	3
CO2	3	2	3	3	3	3	3	3	3	3	3
CO3	3	2	2	3	3	2	2	2	3	2	3
CO4	3	2	3	3	3	3	3	3	2	3	3
AVE RAG E	3	2	2.75	3	3	2.75	2.75	2.5	2.75	2.75	3



BCOM-502 FINANCIAL MGT.(old scheme)	External marks-70
Time: 3Hours	Internal marks-30
<p>Note: Paper setter will set nine questions in all. Question No. 1 comprising of seven short types questions carrying two (2) marks each are compulsory and will cover the entire syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. Important: The Examiner will set at least THREE numerical questions in the question paper.</p>	

CO1	Enable to outline the basic framework of financial management and role of financial management for financial decision making in business
CO2	Gain knowledge to apply various theories of capital structure and dividend policy.
CO3	Master in understand using the capital budgeting techniques for investment decision.
CO4	Master in selecting various sources of finance with evaluation of their cost and able to create working capital policy for organization.

CO-PO MAPPING MATRIX FOR COURSE CODE:BCOM502

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10	PO11
CO1	3	2	3	3	3	3	3	2	3	3	3
CO2	3	2	3	3	3	3	3	3	3	3	3
CO3	3	2	3	3	3	2	2	2	3	2	3
CO4	3	2	3	3	3	3	3	3	3	3	3
AVERAGE	3	2	3	3	3	2.75	2.75	2.5	3	3	3



BCOM-503 goods and services tax (old scheme)	External marks-70
Time: 3Hours	Internal marks-30
<p>Note: Paper setter will set nine questions in all. Question No. 1 comprising of seven short types questions carrying two (2) marks each are compulsory and will cover the entire syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. Important: The Examiner will set at least THREE numerical questions in the question paper.</p>	

CO1	Enable to outline the basic theoretical framework of goods and services tax.
CO2	Gain knowledge of registration process, taxable person under good and services tax.
CO3	Master in understanding time and place of supply ,value of taxable supply and computation of input tax credit.
CO4	Enable to understand the concept of filing GST return , offences and penalty related to GST.

CO-PO MAPPING MATRIX FOR COURSE CODE:BCOM503

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10	PO11
CO1	3	2	3	3	3	3	3	2	3	3	3
CO2	3	2	3	3	3	3	3	3	3	3	3
CO3	3	2	3	3	3	2	2	2	3	2	3
CO4	3	2	3	3	3	3	3	3	3	3	3
AVERAGE	3	2	3	3	3	2.75	2.75	2.5	3	3	3



BCOM-504 Income tax (old scheme)	External marks-70
Time: 3Hours	Internal marks-30
<p>Note: Paper setter will set nine questions in all. Question No. 1 comprising of seven short types questions carrying two (2) marks each are compulsory and will cover the entire syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. Important: The Examiner will set at least THREE numerical questions in the question paper.</p>	

CO1	Enable to outline the basic theoretical & legal framework of income tax act 1961.
CO2	Understand the concept of residential status , agriculture income and exempted income under income tax act 1961.
CO3	Master in computation of all heads income .
CO4	Master in understanding the deduction under section 80Cto 80U in computing total income.

CO-PO MAPPING MATRIX FOR COURSE CODE:BCOM504

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10	PO1 1
CO1	3	2	3	3	3	3	3	3	3	3	3
CO2	3	2	3	3	3	3	3	3	3	3	3
CO3	3	2	3	3	3	2	2	3	3	2	3
CO4	3	2	3	3	3	3	3	3	3	3	3
AVERAGE	3	2	3	3	3	2.75	2.75	3	3	3	3



BCOM-505 Auditing (Old Scheme)	External marks -70
Time: 3Hours	Internal marks-30
<p>Note: Paper setter will set nine questions in all. Question No. 1 comprising of seven short types questions carrying two (2) marks each are compulsory and will cover the entire syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. Important: The Examiner will set at least THREE numerical questions in the question paper.</p>	

CO1	Understand the basic concept ,scope and documentation of auditing.
CO2	Gain knowledge about vouching ,internal checking and powers of auditors..
CO3	Master in understanding the auditing process of different type of organisation.
CO4	Enable to understand the importance of investigation in auditing and ethics in auditing.

CO-PO MAPPING MATRIX FOR COURSE CODE:BCOM505

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10	PO11
CO1	3	3	3	2	3	3	3	2	3	2	3
CO2	2	3	3	2	2	2	2	3	2	2	2
CO3	3	2	3	3	3	3	3	3	2	3	2
CO4	2	2	2	2	2	3	2	2	3	2	2
AVERAGE	2.5	2.5	2.75	2.25	2.5	2.75	2.5	2.5	2.5	2.25	2.25



BCOM-506supply chain management (old scheme)	External marks-70
Time: 3Hours	Internal marks-30
<p>Note: Paper setter will set nine questions in all. Question No. 1 comprising of seven short types questions carrying two (2) marks each are compulsory and will cover the entire syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. Important: The Examiner will set at least THREE numerical questions in the question paper.</p>	

CO1	Enable to outline the basic concept and scope of supply chain management.
CO2	Master in understand Role of Transportation in supply chain management, Selection of Transportation Mode. Inventory Management, Economic Order Quantity Under Conditions Of Certainty and Uncertainty.
CO3	Master in understanding the Concept of Warehousing, Information and Order Processing.
CO4	Master in understanding Customer Service Measurement.

CO-PO MAPPING MATRIX FOR COURSE CODE:BCOM506

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10	PO1 1
CO1	3	2	3	3	3	2	3	3	3	3	3
CO2	3	2	3	3	3	3	3	3	3	3	3
CO3	3	2	3	3	3	2	2	3	3	2	3
CO4	3	2	3	3	3	3	2	3	3	3	3
AVE RAG E	3	2	3	3	3	2.5	2.5	3	3	3	3



BCOM-601 management <u>Accounting</u> (old scheme)	External marks-70
Time: 3Hours	<u>Internal</u> marks-30
<p>Note: Paper setter will set nine questions in all. Question No. 1 comprising of seven short types questions carrying two (2) marks each are compulsory and will cover the entire syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. Important: The Examiner will set at least THREE numerical questions in the question paper.</p>	

CO1	Enable to outline the basic concept and scope of management accounting.
CO2	Enable understand and prepare various types of budgets and their importance in managerial decision making.
CO3	Enable to use application of marginal costing , Break-Even Analysis and Angle of Incidence in Decision involving Alternative Choices.
CO4	Master in using methods of Financial statement Analysis.

CO-PO MAPPING MATRIX FOR COURSE CODE:BCOM506

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10	PO1 1
CO1	3	3	3	3	3	2	3	3	3	3	3
CO2	3	2	3	3	3	3	3	3	3	3	3
CO3	3	3	3	3	3	2	2	3	3	2	3
CO4	3	2	3	3	3	3	2	3	3	3	3
AVE RAG E	3	2.5	3	3	3	2.5	2.5	3	3	3	3



BCOM-602 fundamental of insurance (old scheme)	External marks-70
Time: 3Hours	Internal marks-30
<p>Note: Paper setter will set nine questions in all. Question No. 1 comprising of seven short types questions carrying two (2) marks each are compulsory and will cover the entire syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. Important: The Examiner will set at least THREE numerical questions in the question paper.</p>	

CO1	Enable to understand the need and principles of insurance, contract of life insurance, its principles, claims settlement procedure.
CO2	Enable understand the term Fire insurance ,its principles, claims settlement procedure.
CO3	Enable to understand the applicability of marine insurance .
CO4	Gain knowledge about marine and fire insurance and their settlement procedures.

CO-PO MAPPING MATRIX FOR COURSE CODE:BCOM602

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10	PO11
CO1	3	3	3	3	3	2	3	3	3	3	3
CO2	3	2	3	3	3	3	3	3	3	3	3
CO3	3	3	3	3	3	2	2	3	3	2	3
CO4	3	2	3	3	3	3	2	3	3	3	3
AVE RAGE	3	2.5	3	3	3	2.5	2.5	3	3	3	3



BCOM-603human resource management (old scheme)	External marks-70
Time: 3Hours	Internal marks-30
<p>Note: Paper setter will set nine questions in all. Question No. 1 comprising of seven short types questions carrying two (2) marks each are compulsory and will cover the entire syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. Important: The Examiner will set at least THREE numerical questions in the question paper.</p>	

CO1	Enable to recall the terms associated with Human Resource Management.
CO2	Enable to discuss various HR practices used in the business world.
CO3	Master in applying the various HR practices in business world.
CO4	Master in comparing and contrasting HR practices across companies.

CO-PO MAPPING MATRIX FOR COURSE CODE:BCOM603

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10	PO1 1
CO1	3	3	3	3	3	2	3	3	3	3	3
CO2	3	2	3	3	3	3	3	3	3	3	3
CO3	3	3	2	3	3	2	2	3	3	2	3
CO4	3	2	3	3	3	3	2	3	3	3	3
AVERAGE	3	2.5	2.75	3	3	2.5	2.5	3	3	3	3



BCOM-605Income Tax-II(old scheme)	External marks-70
Time: 3Hours	Internal marks-30
<p>Note: Paper setter will set nine questions in all. Question No. 1 comprising of seven short types questions carrying two (2) marks each are compulsory and will cover the entire syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. Important: The Examiner will set at least THREE numerical questions in the question paper.</p>	

CO1	Enable to define the Computation of Total Income and Tax Liability of various entities.
CO2	Enable to identify the Classification and Tax Incidence on Companies, Minimum Alternate Tax (MAT).
CO3	Enable to understand the Procedural Compliance:-Tax Collection Account Number; Tax Deduction at Source & Tax Collection at Source; Advance Tax & Self -Assessment Tax; Income tax authorities and their powers; different types of returns; Procedure of filing e-return and revised return.
CO4	Enable to understand the applicability of term Recovery of Tax, Refunds, Assessment, Appeals & Revision ,Penalty and Offences in real world.

CO-PO MAPPING MATRIX FOR COURSE CODE:BCOM605

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10	PO11
CO1	3	3	3	3	3	2	3	3	3	3	3
CO2	3	2	3	3	3	3	3	3	3	3	3
CO3	3	3	2	3	3	2	2	3	3	2	3
CO4	3	2	3	3	3	3	2	3	3	3	3
AVE	3	2.5	2.75	3	3	2.5	2.5	3	3	3	3
PA											



BCOM-606Retail management (old scheme)	external marks-70
Time: 3Hours	internal marks-30
<p>Note: Paper setter will set nine questions in all. Question No. 1 comprising of seven short types questions carrying two (2) marks each are compulsory and will cover the entire syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. Important: The Examiner will set at least THREE numerical questions in the question paper.</p>	

CO1	Enable to define the different terms used in the retail sector.
CO2	Enable to identify the current retail structure in India.
CO3	Enable to demonstrate the insights of retailing and related key activities.
CO4	Enable to appraise the importance of retailing and its role in the success of modern businesses.

CO-PO MAPPING MATRIX FOR COURSE CODE:BCOM606

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10	PO11
CO1	3	3	3	3	3	2	3	3	3	3	3
CO2	3	2	3	3	3	3	3	3	3	3	3
CO3	3	3	2	3	3	2	2	3	3	2	3
CO4	3	2	3	3	3	3	2	3	3	3	3
AVERAGE	3	2.5	2.75	3	3	2.5	2.5	3	3	3	3



Course Specific Outcome
&
Programme Specific Outcomes

For
GEOGRAPHY



Name of the Programme: Bachelor of Arts (GEOGRAPHY)

Duration: Three Years

PROGRAMME OUTCOMES (POs)

PROGRAMME OUTCOME	
PO1	Capable of demonstrating comprehensive disciplinary knowledge gained during course of study
PO2	Ability to communicate effectively on general and scientific topics with the scientific Community and with society at large.
PO3	Capability of applying knowledge to solve scientific and other problems
PO4	Capable to learn the work effectively as an individual and as a member or leader in diverse Teams, in multidisciplinary settings.
PO5	Ability to use and learn techniques, skills and modern tools for scientific practices.
PO6	Ability to apply reasoning to assess the different issues related to society and the consequent responsibilities relevant to the professional scientific practices
PO7	Aptitude to apply knowledge and skills that are necessary for participating in learning activities through out the life
PO8	Ability to design and develop modern system which our environmentally sensitive and to understand the importance of sustainable development.



COURSE OUTCOMES(COs)

B.A. 1ST YEAR

SEMESTER	COURSE CODE	COURSE NAME	COURSE OUTCOMES	
1 ST semester	GEOG-101 (Theory)	Geography of India	CO1	Provides understanding about the physical structure of India.
			CO2	Enrichment of understanding about the human resources endowment.
			CO3	Acquaintance with geographical distribution of major resources.
			CO4	Enhancement of knowledge about spatial distribution of industries, transport and communication.

CO- PO Mapping Matrix for course code GEOG-101

Cos/ POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3.0	3.0	1.0	1.0	2.0	2.0	3.0	3.0
CO2	3.0	3.0	2.0	2.0	2.0	3.0	3.0	3.0
CO3	3.0	2.0	2.0	1.0	3.0	2.0	3.0	3.0
CO4	3.0	2.0	2.0	2.0	3.0	3.0	3.0	2.0
Average	3.0	2.5	1.8.	1.5	2.5	2.5	3.0	2.8



SEMESTER	COURSE CODE	COURSE NAME	COURSE OUTCOMES	
1 ST semester	GEOG(P)-102 (Practical)	Map, scale	CO1	Knowledge about cartographic skill.
			CO2	Provides understanding about map scales.
			CO3	Measurement skill of distance and areas on map.
			CO4	Enhancement of knowledge about enlargement and reduction of map.

CO- PO Mapping Matrix for course code GEOG(P)-102								
Cos/ POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3.0	1.0	1.0	1.0	2.0	1.0	3.0	1.0
CO2	3.0	2.0	1.0	1.0	3.0	2.0	3.0	1.0
CO3	3.0	2.0	2.0	2.0	3.0	2.0	3.0	1.0
CO4	3.0	3.0	2.0	2.0	3.0	3.0	3.0	1.0
Average	3.0	2.0	1.5	1.5	2.8	2.0	3.0	1.0



SEMESTER	COURSE CODE	COURSE NAME	COURSE OUTCOMES	
2 ND semester	GEOG-103 (Theory)	Physical Geography-I	CO1	Provides knowledge about the basics of physical geography.
			CO2	Understand earth's tectonic and structural evolution.
			CO3	Enhancement of knowledge about processes controlling weathering and mass movement.
			CO4	Provides ability to understand the processes and patterns of erosion.

CO- PO Mapping Matrix for course code GEOG-103

Cos/ POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3.0	2.0	2.0	1.0	2.0	2.0	3.0	3.0
CO2	3.0	3.0	3.0	3.0	2.0	3.0	3.0	3.0
CO3	3.0	3.0	3.0	3.0	2.0	3.0	3.0	3.0
CO4	3.0	3.0	3.0	2.0	3.0	3.0	3.0	3.0
Average	3.0	2.8	3.0	2.3	2.3	2.8	3.0	3.0



SEMESTER	COURSE CODE	COURSE NAME	COURSE OUTCOMES	
2 ND Semester	GEOG(P)-104 (Practical)	Representation of physical features	CO1	Knowledge about different type of topographical maps.
			CO2	Provides understanding about methods of relief representation.
			CO3	Enhancement of skills of relief representation.
			CO4	Knowledge of drawing of landform profiles.

CO- PO Mapping Matrix for course code GEOG(P)-104

COs/ POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3.0	2.0	1.0	2.0	2.0	2.0	3.0	1.0
CO2	3.0	3.0	3.0	3.0	2.0	2.0	3.0	1.0
CO3	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0
CO4	3.0	2.0	3.0	2.0	2.0	2.0	3.0	3.0
Average	3.0	2.5	2.5	2.5	2.3	2.3	3.0	1.8



B.A. 2ND YEAR

SEMESTER	COURSE CODE	COURSE NAME	COURSE OUTCOMES	
3 RD Semester	GEOG-201 (Theory)	Physical Geography-II	CO1	Understand the elements of weather and climate and detailed exposure to climatology.
			CO2	Enrichment of knowledge about atmospheric circulation and humidity.
			CO3	Augmentation of knowledge about weather disturbances.
			CO4	Familiarization with the oceanic floor and circulation.

CO- PO Mapping Matrix for course code GEOG-201								
COs/ POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3.0	3.0	2.0	2.0	1.0	2.0	3.0	2.0
CO2	3.0	3.0	2.0	2.0	1.0	2.0	3.0	2.0
CO3	3.0	3.0	2.0	2.0	1.0	2.0	3.0	2.0
CO4	3.0	3.0	2.0	2.0	1.0	2.0	3.0	2.0
Average	3.0	3.0	2.0	2.0	1.0	2.0	3.0	2.0



SEMESTER	COURSE CODE	COURSE NAME	COURSE OUTCOMES	
3 rd Semester	GEOG(P)-202 (Practical)	Representation of Climatic data	CO1	Capability of measurement of climatic data.
			CO2	Ability to represent the temperature and rainfall data.
			CO3	Represent climatic data through appropriate diagrams.
			CO4	Learn to interpret various climatic maps.

CO- PO Mapping Matrix for course code GEOG(P)-202

COs/ POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3.0	3.0	2.0	2.0	2.0	2.0	3.0	2.0
CO2	3.0	3.0	3.0	2.0	2.0	2.0	3.0	2.0
CO3	3.0	3.0	2.0	2.0	2.0	2.0	3.0	2.0
CO4	3.0	2.0	1.0	3.0	2.0	1.0	1.0	1.0
Average	3.0	2.8	2.0	2.3	2.0	1.8	2.5	1.8



SEMESTER	COURSE CODE	COURSE NAME	COURSE OUTCOMES	
4 TH Semester	GEOG-203 (Theory)	Human Geography	CO1	Gain knowledge about major themes of human geography.
			CO2	Acquire knowledge on the history and evolution of humans and division of mankind.
			CO3	Enrichment of knowledge about the human adaptation and resource classification.
			CO4	Understand the theories of population and pattern and evolution of rural and urban area.

CO- PO Mapping Matrix for course code GEOG-203

COs/ POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3.0	2.0	1.0	1.0	1.0	1.0	3.0	2.0
CO2	3.0	3.0	2.0	1.0	1.0	2.0	3.0	2.0
CO3	3.0	3.0	2.0	2.0	1.0	2.0	3.0	2.0
CO4	3.0	3.0	2.0	2.0	1.0	2.0	3.0	2.0
Average	3.	2.8	1.8	1.5	1.0	1.5	3.0	2.0



SEMESTER	COURSE CODE	COURSE NAME	COURSE OUTCOMES	
4 TH Semester	GEOG(P)-204 (Practical)	Map Projection	CO1	Acquaintance with nature significance of projections system.
			CO2	Augmentation of skills to make cylindrical and conical projections.
			CO3	Capability to construct zenithal and international projection.
			CO4	Enrichment of surveying skills using plane table.

CO- PO Mapping Matrix for course code GEOG(P)-204

COs/ POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3.0	1.0	3.0	2.0	3.0	3.0	3.0	1.0
CO2	3.0	2.0	3.0	2.0	3.0	3.0	3.0	1.0
CO3	3.0	1.0	3.0	2.0	3.0	3.0	3.0	1.0
CO4	3.0	2.0	3.0	3.0	2.0	3.0	3.0	1.0
Average	3.0	1.5	3.0	2.3	2.8	3.0	3.0	1.0



B.A. 3RD YEAR

SEMESTER	COURSE CODE	COURSE NAME	COURSE OUTCOMES	
5 th Semester	GEOG-301 (Theory)	Economic Geography	CO1	Provides knowledge about the fundamental concepts of economic geography.
			CO2	Acquisition of knowledge about resources and their conservation.
			CO3	Enrichment of knowledge about distribution of crops, minerals and energy resources.
			CO4	Acquaintance with global industries, transport, communication and trade.

CO- PO Mapping Matrix for course code GEOG-301

COs/POs	PO1	PO2	PO3	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3.0	2.0	1.0	1.0	1.0	1.0	1.0	3.0	2.0
CO2	3.0	3.0	3.0	3.0	2.0	1.0	2.0	3.0	2.0
CO3	3.0	2.0	2.0	2.0	2.0	1.0	2.0	3.0	2.0
CO4	3.0	3.0	2.0	2.0	2.0	2.0	2.0	3.0	2.0
Average	3.0	2.5	2.0	2.0	1.8	1.3	1.8	3.0	2.0



SEMESTER	COURSE CODE	COURSE NAME	COURSE OUTCOMES	
5 TH Semester	GEOG(P)-302 (Practical)	Distribution of Maps, diagram	CCO1	Knowledge about different types of thematic maps.
			CCO2	Skill acquisition for construction of qualitative distribution maps.
			CCO3	Ability to construct quantitative thematic maps.
			CCO4	Capability to carry out prismatic compass survey.

CO- PO Mapping Matrix for course code GEOG(P)-302								
COs/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0
CO2	3.0	3.0	3.0	2.0	2.0	2.0	3.0	2.0
CO3	3.0	3.0	3.0	2.0	2.0	2.0	3.0	2.0
CO4	3.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0
Average	3.0	2.5	2.5	2.0	2.0	2.0	2.5	2.0



SEMESTER	COURSE CODE	COURSE NAME	COURSE OUTCOMES	
6 TH Semester	GEOG-303 (Theory)	Introduction to remote sensing, GIS, Quantative method	CO1	Provides knowledge about the fundamental concepts of photogrammetry.
			CO2	Acquaintance with fundamentals of remote sensing and understanding its application.
			CO3	Understanding the basics and application of GIS.
			CO4	Development of capability to understand the basics of statistics.

CO- PO Mapping Matrix for course code GEOG-303

COs/ POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3.0	2.0	3.0	2.0	3.0	2.0	2.0	3.0
CO2	3.0	1.0	3.0	2.0	3.0	3.0	3.0	3.0
CO3	3.0	3.0	3.0	2.0	3.0	3.0	3.0	3.0
CO4	3.0	3.0	3.0	2.0	3.0	3.0	2.0	2.0
Average	3.0	2.3	3.0	2.0	3.0	2.8	2.5	2.8



SEMESTER	COURSE CODE	COURSE NAME	COURSE OUTCOMES	
6 TH Semester	GEOG(P) -304 (Practical)	Remote sensing and field survey report	CO1	Familiarization with the skill of measurement on aerial photographs.
			CO2	Development of art of visualizing 3-D surface on photographs.
			CO3	Ability to extract features from satellite imageries.
			CO4	Gives opportunity to identify socio- economic problem.
			CO5	Awareness about sampling techniques for data collection in the field.
			CO6	Training of retrieval, analysis and interpretation of socio-economic field data.

CO- PO Mapping Matrix for course code GEOG(P)-304								
COs/ POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3.0	2.0	3.0	2.0	3.0	3.0	3.0	3.0
CO2	3.0	2.0	3.0	3.0	3.0	2.0	3.0	2.0
CO3	3.0	2.0	3.0	2.0	3.0	3.0	3.0	3.0
CO4	1.0	1.0	3.0	3.0	2.0	3.0	3.0	2.0
CO5	3.0	2.0	3.0	3.0	2.0	3.0	3.0	3.0
CO6	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Average	2.7	2.0	3.0	2.7	2.7	2.9	3.0	2.7



Course Specific Outcome
&
Programme Specific Outcomes

For
DEFENCE STUDIES



B.A. 1st YEAR

SEMESTER	COURSE CODE	COURSE TITLE	COURES OUTCOMES
1 st Semester	DEFS – 101 (Theory)	Introduction of Defence studies	<p>CO1 - Introduce the students to the concept, scope and importance of defence studies</p> <p>CO2 - Explain the relation of subject with various disciplines</p> <p>CO3 – Introduce the students to the concept of war, strategy and tactics.</p> <p>CO4 - student will be able to learn about atomic, chemical and biological warfare.</p>
	DEFS-102 (Practical)	Map Reading	<p>CO1 - Along with Maps: definition and Features ' classification and its utility for military and conventional signs.</p> <p>CO2 – Make the students able to analyze the defence mechanism and Rank structure of Indian armed forces.</p> <p>CO3 – Introduce the students Liquid prismatic Compass.</p> <p>CO4 – For written practice Strategic/ Defence Journalism to be produced.</p>
2 nd Semester	DEFS-103 (Theory)	Military Psychology	<p>CO1 – Students will be able to learn about Military psychology – Its Development, function and significance.</p> <p>CO2 – provide a deeper understanding of motivation, morale and fatigue during war and peace.</p> <p>CO3 – Make the students able to learn about psychological warfare, military leadership, discipline and man – management.</p> <p>CO4 – To provide knowledge regarding tools of psychological Warfare, importance, advantage and kind of leadership in Armed Forces.</p>
	DEFE -104 (practical)	Map Reading	<p>CO1 –Make the students able to learn about Bearing and Inter – Conversion of Bearing, in detail.</p> <p>CO2 - Provide a deeper Understanding of Service Protector: Its types and Uses.</p> <p>CO3 – Students will be able to Understand Relief Feature and their representation on the map.</p> <p>CO4 - To provide the knowledge about Enlargement and Reduction of Maps.</p>



B.A. 2nd YEAR

SEMESTER	COURES CODE	COURES TITLE	COURES OUTCOMES
3 rd Semester	DEFS– 201 (Theory)	National Security -1	<p>CO 1 - In this course students Learn about the concept & Essentials of National Defence & Security .</p> <p>CO2 – Learn about the Defence police and nuclear policy of India.</p> <p>CO3 – Students will be able to understand the civil military relations, military Aid to civil administration and India 's Defence problems.</p> <p>CO4 – Increase awareness among the students about the War Finance , Cost of war and economic mobilization in war.</p>
	DEFS -202 (Practical)	Elementary Tactics upto Infantry Platoon Level	<p>CO1 – Students will be make the Sand Model Meaning, Importance and preparing.</p> <p>CO2 – Learn abut the study of field crafts and Application of Fire Control orders.</p> <p>CO3 – To provide the knowledge about Practical Formations –Section and Platoon.</p> <p>CO4 – To provide the knowledge about Verbal Order and Write a on the spot Essay on one Topics of the Contemporary and Current Strategic Issues related with Internal Security of india.</p>
BA.2 nd year	DEFS – 203 (Theory)	National Security-2	<p>CO1- To provide the knowledge about India's Maritime Strategy, Naval Security and Foreign Policy.</p> <p>CO2 – Increase awareness among the students about India's Security Threats (Internal & External) and International Strategic Environment in Post Cold War Period.</p> <p>CO3 – Students will be Understand the working of National Security Council of India.</p> <p>CO4 – Provide a deeper Understanding of India's relations with its neighbors and major powers.</p>
	DEFS – 204 (Practical)	Elementary Tactics upto Infantry Platoon Leavel	<p>CO1- Students will be Understand the Military Appreciation of a situation in attack and defence.</p> <p>CO2 – To provide the knowledge about Battle Procedure.</p> <p>CO3 – To provide the knowledge Military Message writing.</p> <p>CO4 – Students will be able to understand Ambush operation.</p>



B.A.3rd YEAR

SEMESTER	COURSE CODE	COURSE TITLE	COURES OUTCOME
5 th Semester	DEFS– 301 (Theory)	Science & Technology in War	<p>CO1 Familiarize the Students about the Science and Technology : Definition and concept.</p> <p>CO2 To provide the knowledge about RADAR and its significance and Its role in weapons development.</p> <p>CO3 Increase awareness among the students about the Cyber Law : National Cyber Security ,Impact of Cyber Crime on Armed Forces,</p> <p>CO4 Students will be able to understand Revolution in Military Affairs.</p>
	DEFS– 302 (Practical)	Practical of science & Technology in defence Uses.	<p>CO1 To provide the Knowledge about practical work in IT : Network LAN WAN , Military sensor etc.</p> <p>CO2 Understanding the basics and application of GPS and GIS</p> <p>CO3 Development of art Project Report / Field visit.</p> <p>CO4 Understanding the Various Satellite in space for military use.</p>
6 th Semester	DEFS -303 (Theory)	Military Geography	<p>CO1 Understanding the Meaning , Nature and Scope of Military Geography.</p> <p>CO2 T CO3 Students will be able to learn about Geo- strategic importance of India.</p> <p>CO3 Students will be able to learn about Geo- strategic importance of India.</p> <p>CO4 – Introduce the students to the National Disaster Management police of India.</p>
	DEFS– 304 (Practical)	Projection and Acknowledgement of Military Geography.	<p>CO1- Familiarize the students about the Meaning, Nature and Scope of Military Geography.</p> <p>CO2- To provide the knowledge about Geographical divisions of India's borders.</p> <p>CO3 – Increase awareness among the students about Identification of features on IRSID, LISS III imagery.</p> <p>CO4 – Students will be able to understand Disaster Management: Natural and Manmade.</p>



Course Specific Outcome
&
Programme Specific Outcomes

For
MUSIC VOCAL



Programme Outcome

PO1: This course provides the basic ideas and concept of music vocal, through this programme students will get knowledge about Indian Classical music.

PO2: Apply music specific content skills, including effective Performance ability, analytical skills to develop and research Readiness.

PO3: Through this course, the students will get to know the basic science of

Indian Music, notation system of Indian and Western Music, History of Indian Music origin and development of Gharana tradition, study of regional music.

PO4: This curriculum will not only provide a bridge of performance ability to the students but also provide them employment.

PO5: Illustrate core musical concepts.

PO6: Create, appreciate, and critique performance.

Programme Specific Outcome (PSO's)

At the end of program following outcomes are expected from students:

1. Learn about the fundamental aspects of Indian Music.
2. Learn about the historical development of Indian Music and cultural Development of India.
3. Students will be able to get acquainted with various Ragas and different Taals. they will be able to get acquainted with other genres beside classical and will also be able to perform.

MUV 202 Fundamental study of classical music- I Theory

COURSE LEARNING OUTCOMES:

CO1: Ability to understand musical notes, beats and tempo of the music.

CO2: Ability to understand theoretical application of Harmonium.

CO3: Ability to notate compositions and able to describe various Raga and Talas.

CO4: Ability to articulate basic music theory in Indian music. CO5: Ability to define the terminology of Indian Classical Music.



Course Content: Theory I

	No of classes
<p>Unit 1: Brief study of Music: Nada, Shruti, Swar, Saptak, That, Jati, Layakari, Sangeet, Sum, Taali, Khali, Avartan, Vadi, Samvadi, Anuvadi, Vivadi, Aroha, Avroh, Prakaar, Vern, Alankar, Varjit swar;</p> <p>Alankars:</p> <ul style="list-style-type: none">• 10 Basic Alankars in shudh and vikrit swar.• Description of Harmonium	04
<p>Unit 2: Introduction of Ragas:</p> <ul style="list-style-type: none">• Ability to write Notation of Drut Khayal in the following Ragas: (1) Bhupali (2) Yaman• Full description of Raga: Bhopali and Yaman• The role of music in National Integration.	04



MUV 202

Fundamental study of classical music-I

Practical

COURSE LEARNING OUTCOME

- Introduction to proper voice culture through different vocal exercise.
- Basic understanding of prescribed ragas and talas through compositions.
- Ability to sing drut compositions with basic elaborative techniques.
- Ability to gain understanding of vocal dynamics.
- Ability to play and sing Alankar, Tala, Raga, Layakaries.
- To be able to exhibit the Drut Khayal with Aroha, Avroh Pakar, Alap And Taan.
- Ability to perform with harmonium on stage.

Course Content: Practical I No of Classes: 12

1.	Demonstration of Aroha, Avroh and 10 alankars in Shudh & Vikrit swaras with Harmonium.
2.	Two Drut Khayal along with elaboration with Aroha, Avroh Alap &Taan in prescribed Raag – Bhupali and Yaman.
3.	Recitation & demonstration of the Thekas of Teental and Dadra Taal with Thah and Dugun with hand beats.
4.	Demonstration of National Anthem on Harmonium.
5.	Ability to sing Lakshan geet & Sargam geet in any Raga Mentioned in the syllabus.



SEMESTER 2**MUV 301 Fundamental Study of Classical Music - II Theory****COURSE LEARNING OUTCOME:**

CO1: To understand the different forms of Classical Music.

CO2: The students will be able to write Gat/Bandishes in various notation system enabling them to acquire vital details of the ragas mentioned in the syllabus.

CO3: Establishing the foundation of Rhythm and tempo with the study of basic Talas and

Unit 1:	No of classes
<p>Brief study of the following:</p> <ul style="list-style-type: none"> • Meed, Kan swara, Nayas, Shruti, Antra, Parmel Parveshraga, Sudh Raga, Chaya lag Raga, Sankreen Raga, Major Tone, Minor Tone, Semi-Tone, Purvang and Utrang. • Importance of music in life. • Full description of Tanpura with its diagram. 	04
<p>Unit 2: Introduction of Different music and Raga</p> <ul style="list-style-type: none"> • Detail description of Raga: (a) Bhairav (b) Bharavi • Ability to write Notation of Drut Khayal in the Prescribed Raga in the syllabus. • Ability to write Notation of Tarana and Sargam geet In Prescribed raga. • Knowledge about Shastriya Sangeet (Classical music), Ardh Shastriya Sangeet (Semi Classical music), Sugam Sangeet & Lok Sangeet (Light & Folk music). <p>Unit 3:</p> <ul style="list-style-type: none"> • Write full description of following Tala along with their Thah and Dugun: Keherva and Ektaal. • Describe That Raga Padhati (system). 	04



Course Learning Outcome:

- Introduction to proper voice culture through different vocal exercise.
- Basic understanding of prescribed ragas and talas through compositions.
- Ability to sing drut compositions with basic elaborative techniques.
- Ability to gain understanding of vocal dynamics.
- Ability to play and sing Alankar, Tala, Raga, Layakaries in prescribed Ragas.
- To be able to exhibit the Drut Khayal with Aroha, Avroh, Pakar, Alap And Taan.
- Ability to perform with harmonium on stage.

Course Content: Practical II No of classes: 12

1.	Ability to sing two Drut Khayal in following Raga: Bhairav & Bhairavi along with Aroh, Avroh, Pakad, Swar vistar, Alap, Taan.
2.	Ability to recognise the Raga swaras sung or given by the Examiner from the prescribed ragas in the syllabus.
3.	Ability to demonstrate or recite Thekas of Keherva and Ektaal With Thah & Dugun by hand or on table.
4.	Ability to sing Tarana and one Sargam geet in any raga mentioned in the syllabus
5.	Ability to play Vande Matram on Harmonium.
	Ability to sing any Folk song/Bhajan/Geet/ Raga based filmy Song Self-accompanied by Harmonium.
7.	Ability to sing and play 10 Alankar in raga Bhairavi & 10 in raga Bhairav



Course Learning Outcomes:

CO1: To understand the Notation System of Indian Classical Music. CO2: To learn the Traditional Method of teaching in music.

CO3: To learn various styles and variations in Vocal music.

CO4: To understand the role of science in different aspect of the music During modern period.

Course Content: Theory

Unit 1: <ul style="list-style-type: none"> • Origin and development of Notation System, its Merits, and demerits. • Notations of the following Ragas: (a) Bihag (b) Malkaons • Critical analysis of the Time theory of Ragas. • 10 Alankar in both ragas in Bihag & Malkoans. 	04
Unit 2: <ul style="list-style-type: none"> • Singing Styles: Dhrupad, Dhamar, Sargam geet, Tarana, Khayal, Tappa, Jati of Raga, Nayak-Nayaki, Avirbhav-Tirobhav, Trivat, Chaturang. • Essay on Teaching of music through Gharana and Educational Institution. • Detail study of Raga Bihag and Malkoans. 	04
Unit 3: <ul style="list-style-type: none"> • Detail description of Rupak taal and Jhaptal alongwith their Tah & Dugun on hand. • Role of science in promoting Education and Cultural aspect of the music during Modern Period. • Contribution towards music by the following: (a) Ustad Bade Gulam Ali Khan (b) Shrimati Kishori Amonkar (c) Acharya K.C.D Brahaspati 	04



MUV 302 Stage Performance & Viva – Voca III Practical

Course Learning Outcomes:

CO1: The students will be able to exhibit the Drut Khayal with Alaps and Taans.

CO2: The students will be able to play and understand about Taal and their Layakaries with reciting bols on hand or on Tabla.

CO3: The students will be able to sing various singing styles like Tarana, Sargam geet, Bhajan and Gazal.

CO4: Students will be able to get acquainted with various new Ragas, Taals and styles. They will be able to perform classical music as well as semi-classical, Light and Folk music.

Course Content: Practical III

No of Classes: 12

1.	Two Drut Khayal in Following Raga: Bihag and Malkoans along with Aroh, Avroh, Pakar, Alap & Taan.
2.	To recognise the Ragas from the phrases of swaras rendered by the examiner.
3.	Demonstration of Rupak Taal and Jhaptaal on hand or on Tabla with Thah and Dugun laykaries. Ability to recognise Bol of Taal given by the examiner.
4.	Ability to sing Tarana, Sargam geet and one Lakshan geet in any of the Prescribed Raga in the syllabus.
5.	Recite any Gazal/Folk song/ Patriotic song self-accompanied by Harmonium.
6.	Ability to sing 10 Alankar in Raga Bihag and Malkoans self-accompanied by Harmonium.



Reference Books

1. Sangeet Mani Part I & II – Dr. Maharani Sharma
2. Sangeet Visharad-Basant – Dr. Laxmi Narayan Garg
3. Raag Parichay Part I, II, III, IV – Harish Chander Shrivastava
4. Bhatkhande Kramic Pustak Malik, Part 1-3 – Pt. V.N Bhatkhande,
Publisher: Sangeet Karyalya Hathras
5. Paramparagat Hindustani Saidhantik Sangeet, - Dr. Bhagwant Kaur
Publisher: Kanishka Publishers and Distributors, New Delhi.
6. Sangeet Bodh- Dr. Sharacchandra Sridhar Paranjape,
Publisher: MP Hindi Grantha Academy, Bhopal
7. Hamare Sangeet Ratan, Part I – Laxmi Narayan Garg,
Publisher: Hathras
8. Shastriya Sangeet Shiksha: Samasyanen Evam Samadhan- Dr. Alaknanda Palnitkar,
Publisher: Arjun Publishing House
9. Bharatiya Sangeet Sarita – Dr. Rama Saraf, Publisher: Om Publications
10. Rastriya Ekta main Sangeet ki Bhumika – Dr. Satya Bhargav
11. Bhatkhande Swarlip Sangrah; Vol-1 & 2 – Pt. Satish Chand Srivastava
12. Sangeet Shastra Darpan Vol- 1& 2 – Shanti Govardhan
13. Bhartiya Sangeet main Vigyanik Upkarnon ka Upyog – By Anita Gautam,
New Delhi Kanishka Publishers & Distributers
14. Bhartiya Sangeet main Alankar – Dr. Shabnam, Publisher: Sanjay Prakashan, Bhopal



Course Specific Outcome
&
Programme Specific Outcomes

For
B.A ENGLISH



Name of the programme: Bachelor of Arts

Duration: 3 years

Program Outcome

PO1	Knowledge	Acquiring in-depth knowledge in the field of English literature and language and comprehending its various forms and dimensions.
PO2	Communication	Developing skills that shall facilitate effective communication among students at personal, professional and social levels. Students shall develop oral communication skills that will help them in real-life situations.
PO3	Problem-Solving	Students will be ignited enough to apply and utilize their knowledge in problem-solving at critical levels. Such critical analysis and problem-solving skills will aid students in research work and in real life as well.
PO4	Individual and Teamwork	Students shall demonstrate commendable work values and ethics at individual and team levels so as to become responsible member of community and society at large.
PO5	Investigation of Problems	To develop abilities of critical thinking, analysis and logical reasoning in students that will help them in research work.
PO6	Modern Tool Usage	Ability to grasp new concepts and skills through informative videos available on YouTube, and PowerPoint presentations prepared by the faculty.
PO7	Contribution to Society	Shaping the students as socially responsible citizens by developing a scientific as well as humane outlook towards life.
PO8	Life-Long Learning	Acquiring profound knowledge in the field of literature which includes philosophical, historical and sociological strains thereby sensitizing students to life and equipping them to deal with it in a better manner.



Programme Specific Objectives (PSOs)

PO1	To expose students to the best examples of prose and poetry in English so that they realize the beauty and communicative power of English.
PO2	To introduce them to the basics of phonology of English so that they can pronounce better and speak English correctly.
PO3	To expose students to varied cultural experiences through literature
PO4	To enhance employability of the students by developing their linguistic competence and communicative skills

Scheme of Examination for B.A. General (English)

Semester	Paper Code	Nomenclature of Paper	Internal Assessment	Examination	Total Marks	Time
First	EN21	English	20	80	100	3 hours
Second	EN22	English	20	80	100	3 hours
Third	EN23	English	20	80	100	3 hours
Fourth	EN24	English	20	80	100	3 hours
Fifth	EN25	English	20	80	100	3 hours
Sixth	EN26	English	20	80	100	3 hours

B.A. English Core Semester 1 (EN21)

Course Objectives: To familiarize students with excellent pieces of prose in English and help broaden their vision with essays covering a wide range of topics.



PART A

1. Speech Sounds
2. Choosing Our Universe- Stephen Hawking and Leonard Mlodinow
3. Are Dams the Temples of Modern India? – Arundhati Roy
4. The Generation Gap – Benjamin McLane Spock
5. Language and National Identity – Nirmal Verma
6. Wounded Plants – Jagadish Chandra Bose
7. Playing the English Gentleman – M.K. Gandhi
8. Great Books Born out of Great Minds – A.P.J. Abdul Kalam
9. The Responsibility of Young Men – Lal Bahadur Shastri
10. Bharat Mata – Jawaharlal Nehru

PART B

1. Translation – Hindi to English
- Paragraph writing

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
1	2	3	3	3	2	3	2	3	2	3
2	2	2	3	2	3	2	3	3	2	2
3	2	3	1	3	1	3	2	2	1	2
4	2	2	3	3	3	2	3	3	2	3
Average	2	2.5	2.5	2.75	1.8	2.5	2.5	2.75	1.75	2.5

COs	PSO1	PSO2	PSO3	PSO4
1	3	3	2	3
2	3	1	3	2
3	2	3	2	3
4	3	2	3	2
Average	2.75	2.25	2.5	2.5



B.A. English Core Semester II (EN22)

Course Objectives: To expose students to the basics of short stories and help them to appreciate the creative use of language in literature.

Course Outcomes:

1. To familiarize students with the different types of short stories in English.
2. To make students understand the dynamics of various cultures and thereby enhance their appreciation of culturally diverse societies.
3. To improve their pronunciation of English language by teaching the basics of phonology.
4. Develop the knowledge of the grammatical system of English language.

Syllabus

PART A

1. Pigeons at Daybreak – Anita Desai
2. With the Photographer – Stephen Leacock
3. The Journey – Tamsula Ao
4. The Refugee – K.A. Abbas
5. Bellows for the Bullocks: A Haryanavi Folktale
6. Panchlight – Phanishwar Nath Renu
7. The Child – Premchand
8. The Blind Dog- R.K. Narayan

PART B

1. Grammar
2. Essay Writing

COs#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
1	3	2	2	2	2	2	3	3	2	3
2	3	2	2	2	3	2	3	3	2	3
3	3	3	2	2	1	3	2	3	1	2
4	3	3	2	2	1	3	2	2	1	2
Average	3	2.5	2	2	1.75	2.5	2.5	2.75	1.5	2.5

COs#	PSO1	PSO2	PSO3	PSO4
1	3	2	3	2
2	3	2	3	2
3	2	3	2	3
4	2	3	3	3
Average	2.5	2.5	2.75	2.5



B. A. (General) III Semester EN-23

Course Objectives: The aim of this course is to introduce the students to One-Act plays. The course aims at introducing some advanced units of language (word accent, syllabic division, etc.) to make the students aware of the technical aspects of the language. The course is designed to groom the overall personality of the students by including various writing skill components like resume writing, email writing, dialogue writing, etc.

Course Outcomes: After the completion of this course, the students will be able to:
EN-24.1 Develop interest in appreciating and analyzing special kind of drama i.e. One-Act play. EN-24.2 Know the relationship between literature and life.

EN-24.3 Become competent users of English in real life.

EN-24.4 Develop overall personality by improving their communicative and soft skills.

PRESCRIBED BOOK

Fragrances: A Collection of Poems

CO-PO Mapping Matrix for Course Code: EN-24

COs#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
EN-24.1	3	2	1	2	3	3	2	2	1	2
EN-24.2	3	3	2	3	3	2	3	3	2	3
EN-24.3	2	3	2	1	2	3	2	2	1	2
EN-24.4	2	3	2	3	2	3	3	3	1	3
Average	2.5	2.75	1.75	2.25	2.5	2.75	2.5	2.5	1.25	2.5



B. A. (General) IV Semester EN-24

Course Objectives: The aim of this course is to introduce the students to One-Act plays. The course aims at introducing some advanced units of language (word accent, syllabic division, etc.) to make the students aware of the technical aspects of the language. The course is designed to groom the overall personality of the students by including various writing skill components like resume writing, email writing, dialogue writing, etc.

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

EN-24.5 Develop interest in appreciating and analyzing special kind of drama i.e. One-Act play. EN-

24.6 Know the relationship between literature and life.

EN-24.7 Become competent users of English in real life.

EN-24.8 Develop overall personality by improving their communicative and soft skills.

PRESCRIBED BOOK

Centre Stage: A Collection of One-Act Plays

CO-PO Mapping Matrix for Course Code: EN-24										
COs#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
EN-24.5	3	2	1	2	3	3	2	2	1	2
EN-24.6	3	3	2	3	3	2	3	3	2	3
EN-24.7	2	3	2	1	2	3	2	2	1	2
EN-24.8	2	3	2	3	2	3	3	3	1	3
Average	2.5	2.75	1.75	2.25	2.5	2.75	2.5	2.5	1.25	2.5

CO-PSO Mapping Matrix for Course Code: EN-24				
COs#	PSO1	PSO2	PSO3	PSO4
EN-24.5	3	2	2	2
EN-24.6	3	2	3	2
EN-24.7	2	3	2	3
EN-24.8	3	3	3	3
Average	2.75	2.5	2.5	2.5



B.A. General English Part III (5th Sem)

Course Objectives: This course aims to equip students with the knowledge of Indian Writing in English and its various such facets as socio-political contexts, cultural background, colonial influences and use of English language.

Course Outcomes: At the end of this course students will be able to-

1. Situate the prescribed text in its historical and socio-political background and context.
2. Comprehend the literary form of Novel, its constituents and its types.
3. Read and analyze a literary text with a critical perspective.
4. Comprehend the concepts intonation, transcription, types of sentences, words and phrases, etc.

SYLLABUS

Reading a Novel: Kanthapura & An Exercise in Language Use edited by Umed Singh, Pankaj Sharma, Deepti Dharmani.

CO-PO Mapping Matrix for Course Code:

COs#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
	3	3	3	2	3	3	3	3	3	3	
	3	3	3	2	3	2	3	3	3	3	
	2	3	3	2	3	1	3	3	3	3	
	3	2	3	2	3	3	2	3	2	2	
Average	2.75	2.75	3	2	3	2.25	2.75	3	2.75	2.75	

CO-PSO Mapping Matrix for Course Code:

COs#	PSO1	PSO2	PSO3	PSO4
	3	2	3	3
	3	2	3	3
	3	3	3	3
	3	3	2	3
Average	3	2.5	2.75	3



B.A. General English Part III (6th Sem)

Course Objectives: The objective of this course is to introduce students to Elizabethan drama and Shakespearean Comedy along with the development of composition skills.

Course Outcomes: At the end of this course students will be able to-

1. Interpret the prescribed play with close analysis of the text.
2. Perform a critical analysis of the play.
3. Demonstrate writing and composition skills.
4. Gain profound insight into the fundamentals of modes of communication through composition.

SYLLABUS

Interpreting a Play: The Merchant of Venice and Developing Composition Skills by Deepti Dharmani, Pankaj Sharma and Umed Singh.

CO-PO Mapping Matrix for Course Code:

COs#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
1.	3	3	3	2	3	3	3	3	2	3	
2.	3	3	3	2	3	3	3	3	2	3	
3.	2	3	3	3	3	1	3	2	1	3	
4.	3	3	2	3	3	1	2	3	1	3	
Average	2.75	3	2.75	2.5	3	2	2.75	2.75	1.5	3	

CO-PSO Mapping Matrix for Course Code:

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



Course Specific Outcome
&
Programme Specific Outcomes

For
FASHION DESIGNING



PROGRAMME OUTCOMES:

1. Develop basic skills required to construct garment.
2. This course will be a fundamental resource for soft goods designing & manufacturing.
3. Generate local employment opportunities for society.
4. Will enhance their managerial & leadership skills through teamwork & group activities.
5. Engage the students in lifelong learning through designing with social awareness.
6. Use knowledge, understanding & skills for assessment of problems in the field of Fashion Designing.
7. Demonstrate practical knowledge of material, process & techniques of the field.
8. Demonstrate subject related & transferable skills that are relevant to the Fashion Designing related job & employment opportunities
9. Have technical skill required for the job & sustain in boutique.
10. Will acquire their entrepreneurial skills and Become fashion designers.
11. Develop creative designing sensibilities among students for developing ensembles through thematic presentations and interpretations.



COURSE OUTCOMES

ELEMENTARY TEXTILE SCIENCE

(FD- 101 &102)

1. To understand various production techniques and properties of different natural and man-made Fibers.
2. Gain knowledge about weaves and different types of finishes given to fabrics.
3. Explore concepts related to dyeing and printing.
4. Students should be familiar to sewing machine maintenance and its care.
5. Acquire the knowledge about anthropometry measurement of various age groups.
6. Develop the basic skill of garment construct like different types of basting, seams, necklines, pleats, tucks, plackets opening and many more.

TRADITIONAL INDIAN TEXTILES

(FD- 103 & 104)

1. Students should gain knowledge about the rich history of Indian textiles, including the development of weaving, dyeing and printed fabric.
2. Demonstrate their knowledge of fundamental aspects of fashion terminology and theories related to fashion.
3. Explain the salient characteristics of fashion designers and brands.
4. To impart knowledge about traditional handmade embroidery.
5. Students gain practical knowledge of drafting, cutting and stitching of basic Childrens garments.
6. To acquire professional and entrepreneurial skill of hand embroidery and children's garments.



FASHION DESIGNING

(FASD 201 and FASD 202)

- 1.Acquire the knowledge of application of elements and principles of design in clothing construction and techniques of dress designing.
- 2.Students should develop the ability to critically, gain knowledge about the rich history of Indian costumes and accessories during the different periods.
- 3.To impart knowledge about different printing techniques like tie and dye, stencil and many more.
- 4.Students gain practical knowledge of drafting, cutting, stitching and finishing of Apron, blouse and Petticoat.
5. To acquire professional and entrepreneurial skill of printing techniques.

FASHION DESIGNING

(FASD 203 and FASD 204)

1. Design on full figure croquis to detailed specification drawings with swatches, trimmings & stitch details on the basis of research & innovative experiment on fabric & function for any specialized apparel category.
2. To work outward from a point of focus or inspiration to develop a complete collection.
3. To understand and gain knowledge to calculate fabric required for making different garments.
- 4.To gain knowledge about different software used in garments industry and students should be familiar to basic knowledge of Corel draw, photoshop, PowerPoint and paint brush.
- 5.Students gain practical knowledge of drafting, cutting, stitching and finishing of adults garments.
- 6.Develop and understand the principles of pattern making through flat pattern and Acquaint with the techniques and skills of Draping.
7. To acquire professional and entrepreneurial skill of adults garments.



FASHION DESIGNING
(FASD 301 and FASD 302)

1. Understand the aspects of Fashion Merchandising & Retailing.
2. Develop an understanding of the definition and role of the merchandiser, and merchandising department in the apparel industry.
3. Understand various apparel production in various stages of manufacturing.
4. Clarify the functions and procedures within an apparel production unit
5. Student get aware about the positive and negative aspects of unusual designs.
6. Students gain practical knowledge of salesmanship.
7. Students gain practical knowledge of advanced techniques (dart manipulation, draping and various constructional features) of stitching, drafting and finishes of adults garments.

FASHION DESIGNING
(FASD 303 and FASD 304)

1. Design on full figure croquis to detailed specification drawings with portfolio of Indian and western dresses and sketching under Corel draw.
2. Understand the concept and importance of production and quality control.
3. Students should develop effective skill of packaging and labelling of garments and media to explore their knowledge.
4. To gain knowledge about different software used in weaving, embroidery, pattern making and sketching.
5. Develop creative designing sensibilities among students for developing
6. Gain work experience in design development process through project work relating to fashion designing.



Course Specific Outcome
&
Programme Specific Outcomes

For
PSYCHOLOGY



Psychology Department Programme Outcome

PO 1: Introduce Students: In the field of psychology, give them the necessary exposure to develop interest in the field and thus prepare them for post-graduate programme in psychology.

PO 2: Understand Fundamental Processes: Underlying human behaviour and the process of human development and change from biological and psychosocial perspective.

PO 3: Understanding Behaviour: Understand abnormal behaviour and the various components that promotes health and well-being through papers such and Health psychology and Positive Psychology.

PO 4: Appreciation: Appreciate the different branches and emerging fields of psychology.

PO 5: Social Interaction with people: Elicit views of others, mediate disagreements and help reach conclusions in group settings.

PO 6: Effective Communication: Speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.

PO 7: Ethics: Recognize different value systems including your own, understand the moral dimensions of your decisions, and accept responsibility for them.

PO 8: Self-directed and Life-long Learning: Acquire the ability to engage in independent and life-long learning in the broadest context socio-technological changes.



B.A.-Psychology Theory

(Paper Instructions)

Max. Marks: 100

Theory: 50

Internal Assessment: 20

Practical: 30

Duration of Exam: 3Hrs.

Note: - (a) The question paper will comprise nine question. The candidate shall attempt five questions in all. First question will be of short answer type consisting of ten questions (1mark each) to be set from the whole syllabus. This question would be compulsory.

- (b) Remaining eight questions (essay type) would be set unit-wise, two questions from each unit. The candidate has to attempt four questions, selecting at least one from each unit.
- (c) Each question carries equal marks.

B.A. [Semester-1]

Course code: PSY101

Course name: Introduction to Psychology

Course Objective: The objective of this course is to study the key concepts, principles approaches and themes in psychology.

Course Outcomes:

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

CO1: Know more about psychology, its background, subject matter, methods of psychology; Experimental, Observation, Survey.

CO2: Learn about the structure of human eye and ear and learn more about Perception of form, figure and Ground, perceptual organization, depth perception –cues.

CO3: Know more about the Emotion: nature, bodily changes, Theories of emotion and motivation: nature, biological and psychological motives.

CO4: Know about the personality: nature, determinants of personality, type and trait approach and Intelligence: nature, Theories; Spearman, Thurston and Cattell.



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

Table shows the CO-PO mapping matrix for a course Paper Psychology-101 assuming that there are 8 POs and 4Cos.

Table: CO-PO Matrix for the Course Paper-101

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
Paper-101.1	3	3	2	3	3	-	-	2
Paper-101.2	3	3	3	3	2	-	-	2
Paper-101.3	3	3	3	3	3	-	-	3
Paper-101.4	3	3	3	3	3	-	-	3
Average	3	3	2.75	3	2.75	-	-	2.5

Note: It is not necessary that each CO has a correlation with all the PO's



B.A.-I (General) Psychology, Semester –I

Paper- PSY (P) 101: Practical

Introduction to Psychology

Course Outcomes:
30+20(Internal)

Max. Marks

Time: 3 Hours.

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

Paper – 101.1(P) acquaint with various kinds of apparatus and other measuring instruments.

Paper – 101.2(P) design and conduct experiments/tests related to their theory paper.

1. NEO-FFI
2. Retinal Colour Zones/Colour Blindness
3. Sound Localization
4. Study of Emotions.
5. Simple Reaction Time
6. Verbal Test of Intelligence.
7. Performance Test of Intelligence/RPM.
8. Observation (Speed & Accuracy).
9. Experiment on form perception/Depth Perception
10. Test of Motivation.

Note: Students are to Conduct and report at least five practical. The examiner will allot one practical at the time of examination.



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

Table shows the CO-PO mapping matrix for a course Paper-101 (P) assuming that there are 8 POs and 2COs.

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
Paper 101.1(P)	3	3	3	2	3	2	-	3
Paper 101.2(P)	3	3	3	3	2	2	-	3
Average	3	3	3	2.5	2.5	2	-	3

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

**B.A.-Psychology Theory
(Paper Instructions)**

Max. Marks: 100

Theory: 50

Internal Assessment: 20

Practical: 30 Duration of Exam: 3Hrs.

Note: - (a) The question paper will comprise nine question. First question will be of short answer type consisting of ten parts (1 mark each) to be set from the whole syllabus. This question would be compulsory.

- (b) Remaining eight questions (essay type) would be set unit-wise, two questions from each unit. The candidate has to attempt four questions, selecting at least one from each unit.
- (c) Each question carries 10 marks.

B.A. [Semester-II]

Course code: PSY 102

Course name: Experimental Psychology

Course Objective: Experimental psychology is part of the very core of the discipline of psychology. Students are introduced to basic methods used in experimental psychology.



Course Outcomes:

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

CO1: Learn about attention and psychophysics; problems of psychophysics and methods.

CO2: Know more about learning; factors affecting, trial and error learning, insight learning, classical and operant conditioning.

CO3: Know more about memory; stages, STM and LTM- methods to study memory and forgetting; factors leading to forgetting, mnemonics.

CO4: Know more about problem solving; stages, convergent and divergent thinking and statistics; frequency distribution, graphical presentation of data, measures of central tendencies.

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

Table shows the CO-PO mapping matrix for a course Paper Psychology-102 assuming that there are 8 POs and 4 COs.

Table: CO-PO Matrix for the Course Paper-102

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
Paper-102.1	3	3	3	3	2	-	-	2
Paper-102.2	3	3	3	3	2	-	-	2
Paper-102.3	3	3	3	3	2	-	-	2
Paper-102.4	3	3	3	3	2	-	-	2
Average	3	3	3	3	2.5	-	-	2



B.A.-I (General) Psychology,
Semester –II Paper- 102: Practical
Experimental Psychology

Max. Marks 30+20(Internal)

Time: 3 Hours.

Course Outcomes:

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

Paper – 102.1 (P) acquaint with various kinds of apparatus and other measuring instruments. Paper – 102.2 (P) design and conduct experiments/tests related to their theory paper.

1. Serial Position Effect.
2. Experiment on STM
3. Experiment on LTM
4. Retroactive Inhibition
5. AL by Method of Constant Stimuli
6. DL by Method of limits.
7. Muller-Lyre Illusion
8. Problem Solving
9. Bilateral Transfer of Training/Maze Learning
10. Span of Attention

Note: Students are to Conduct and report at least five practical. The examiner will allot one practical at the time of examination.



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

Table shows the CO-PO mapping matrix for a course Paper-302(P) assuming that there are 8 POs and 2COs.

Table: CO-PO Matrix for the Course Paper Psychology- 102(P)

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
Paper 102.1(P)	3	3	3	3	-	2	-	3
Paper 102.2(P)	3	3	3	3	-	3	-	3
Average	3	3	3	3	-	2.5	-	3

Note: It is not necessary that each CO has a correlation with all the PO's



**B.A.-Psychology Theory
(Paper Instructions)**

Max. Marks: 100

Theory: 50

Internal Assessment: 20

Practical: 30

Duration of Exam: 3Hrs.

Note: - (a) The question paper will comprise nine question. First question will be of short answer type consisting of ten parts (1 mark each) to be set from the whole syllabus. This question would be compulsory.

- (b) Remaining eight questions (essay type) would be set unit-wise, two questions from each unit. The candidate has to attempt four questions, selecting at least one from each unit.
- (c) Each question carries 10 marks.

B.A. [Semester-III]

Course code: PSY201

Course name: Social Psychology

Course Objective: The objective of Social Psychology is acquisition of knowledge to use certain basic concepts and philosophies involved in social behaviour and an awareness of the major problems and issues in the discipline of social psychology.

Course Outcomes:

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

CO1: Develop the insight about nature, subject matter of social psychology, sociometric method and nature, process and agents of socialization.

CO2: Know more about types and functions of group; meaning, characteristics and formation of social norms; Types, functions, theories- trait, situational and interactional of leadership.

CO3: Familiarize themselves with the concepts of Attitude, Attitude Change; nature, development of Prejudice and Stereotypes.

CO4: Acquaint themselves with the nature, determinants and cognitive model of Prosocial Behaviour and nature, determinants and prevention of Aggression.



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

Table shows the CO-PO mapping matrix for a course Paper Psychology-201 assuming that there are 8 POs and 4 COs.

Table: CO-PO Matrix for the Course Paper-201

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
Paper-201.1	3	3	3	3	3	-	-	2
Paper-201.2	3	3	3	3	3	-	-	2
Paper-201.3	3	3	3	3	3	-	-	2
Paper-201.4	3	3	3	3	3	-	-	2
Average	3	3	3	3	3	-	-	2

Note: It is not necessary that each CO has a correlation with all the PO's



B.A.-I (General) Psychology, Semester –II
 Paper- 201: Practical
 Social Psychology

Max. Marks 30+20(Internal)
 Time: 3 Hours.

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

Paper – 201.1 acquaint with various kinds of apparatus and other measuring instruments. Paper – 201.2 design and conduct experiments/tests related to their theory paper.

1. Sociometry
2. Measurement of Attitude
3. Altruism Scale
4. Stereotypes
5. Anger Expression/Aggression Scale
6. Prejudice Scale
7. Leadership Styles
8. Social Facilitation
9. Rosenwig's P.F. Tests/Norm formation
10. Social Conformity

Note: Students are to Conduct and report at least five practical. The examiner will allot one practical at the time of examination.

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

Table shows the CO-PO mapping matrix for a course Paper-201 (P) assuming that there are 8 POs and 2COs.

Table: CO-PO Matrix for the Course Paper Psychology- 201(P)

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
Paper 201.1(P)	3	2	2	3	3	2	2	3
Paper 201.2(P)	3	3	3	3	3	3	2	3
Average	3	2.5	2.5	3	3	2.5	2	3

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



B.A.-Psychology Theory (Paper Instructions)

Max. Marks: 100

Theory: 50

Internal Assessment: 20

Practical: 30 Duration of Exam: 3Hrs.

- Note: - (a) The question paper will comprise nine question. First question will be of short answer type consisting of ten parts (1 mark each) to be set from the whole syllabus. This question would be compulsory.
 (b) Remaining eight questions (essay type) would be set unit-wise, two questions from each unit. The candidate has to attempt four questions, selecting at least one from each unit.
 (c) Each question carries 10 marks.

B.A. [Semester-IV]
Course code: PSY 202

Course name: Developmental Psychology & Elementary Statistics

Course Objective: The course aims to familiarize the students to the social, emotional and physical development of a child through various stages and students understand basic concepts of statistics.

Course Outcomes:

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

CO1: Understand the historical as well as scientific origin of developmental psychology and principle factors in human development (Biological, Social & Cultural).

CO2: Comprehend the Determinants and Stages of prenatal development and Characteristic, Hazards and Adjustment of Infancy.

CO3: Know about characteristics, Perceptual, motor, emotional and cognitive development of childhood as well as characteristics and problems of adolescents and adjustment.

CO4: Learn about early, late Adulthood, aging-changing patterns and problems and Quartile deviation and standard deviation.

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

Table shows the CO-PO mapping matrix for a course Paper Psychology-202 assuming that there are 8 POs and 4Cos.

Table: CO-PO Matrix for the Course Paper-202

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
Paper-202.1	3	3	3	3	3	-	-	2
Paper-202.2	3	3	3	3	2	-	-	-
Paper-202.3	3	3	3	3	3	-	-	3
Paper-202.4	3	3	3	3	3	-	-	3
Average	3	3	3	3	2.75	-	-	1.75



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

Paper – 202.1 acquaint with various kinds of apparatus and other measuring instruments. Paper – 202.2 design and conduct experiments/tests related to their theory paper.

1. Cognitive Development
2. Emotional Maturity Scale
3. Parent-Child Relationship
4. Self-Concept
5. Youth Problem Inventory
6. Self-Esteem Inventory
7. Study of Values
8. Family Environment Inventory
9. Impulsiveness Scale
10. Case Study.

Note: Students are to Conduct and report at least five practical. The examiner will allot one practical at the time of examination.

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

Table shows the CO-PO mapping matrix for a course Paper-202(P) assuming that there are 8 POs and 2COs.

Table: CO-PO Matrix for the Course Paper Psychology- 202(P)

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
Paper 202.1(P)	3	3	3	3	2	2	-	3
Paper 202.2(P)	3	3	3	3	3	3	-	3
Average	3	3	3	3	2.5	2.5	-	3

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



B.A.-Psychology Theory (Paper Instructions)

Max. Marks: 100
Theory: 50
Internal Assessment: 20
Practical: 30 Duration of Exam: 3Hrs.

- Note: - (a) The question paper will comprise nine question. First question will be of short answer type consisting of ten parts (1 mark each) to be set from the whole syllabus. This question would be compulsory.
(b) Remaining eight questions (essay type) would be set unit-wise, two questions from each unit. The candidate has to attempt four questions, selecting at least one from each unit.
(c) Each question carries 10 marks.

B.A. [Semester-V]
Course code: PSY 301
Course name: Psychopathology

Course Objective: The focus of this course includes Etiology, Prognosis, Epidemiology, Diagnosis and Differential Diagnostic criteria for various behavioural disorders including Anxiety, Mood and different Psychological disorders, etc. through case history. It also discusses new age psychological disorders. This course helps to assess and observe clusters of psychiatric symptoms and robustly categorize them into DSM IV-TR /DSM 5 diagnostic categories, using the multiaxial assessment.

Course Outcomes:

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

CO1: Demonstrate the ability to understand the concept of Normality and Abnormality, models of psychopathology: Biological, psychodynamic, behavioural and cognitive.

CO2: Know more about classification, need of psychopathology, DSM system; Diagnostic assessment: Case History, Interview and projective techniques.

CO3: Comprehend (Symptoms, causes) Anxiety Based Disorders: GAD, OCD, and Phobic Disorders; Causes, Consequences and Rehabilitation of Substance/Drug Abuse.

CO4: Learn more about Symptoms and Causes of Mood Disorders: Unipolar and Bipolar; Nature, Types and Causes of Schizophrenia.

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

Table shows the CO-PO mapping matrix for a course Paper Psychology-301 assuming that there are 8 POs and 4Cos.

Table: CO-PO Matrix for the Course Paper-301

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
Paper-301.1	3	3	3	3	3	-	-	2
Paper-301.2	3	3	3	3	3	-	-	2
Paper-301.3	3	3	3	3	3	-	-	2
Paper-301.4	3	3	3	3	3	-	-	2
Average	3	3	3	3	3	-	-	2



B.A.-I (General) Psychology, Semester –II

**Paper- 301: Practical
Psychopathology**

Max. Marks 30+20(Internal)

Time: 3 Hours.

Course Outcomes:

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

Paper – 301.1 acquaint with various kinds of apparatus and other measuring instruments.

Paper – 301.2 design and conduct experiments/tests related to their theory paper.

Clinical Interview

1. CAQ.
2. Thematic Apperception Test
3. Word Association Test (WAT)
4. Depression Scale/Inventory
5. Anxiety Scale
6. WAIS
7. Emotional Intelligence
8. PGI Memory Scale
9. Defence Mechanism Inventory (DMI)

Note: Students are to Conduct and report at least five practical. The examiner will allot one practical at the time of examination.



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

Table shows the CO-PO mapping matrix for a course Paper-302(P) assuming that there are 8 POs and 2COs.

Table: CO-PO Matrix for the Course Paper Psychology- 301(P)

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
Paper 301.1(P)	3	3	3	3	-	2	-	2
Paper 301.1(P)	3	3	3	3	-	3	-	2
Average	3	3	3	3	-	2.5	-	2

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



B.A.-Psychology Theory (Paper Instructions)

Max. Marks: 100

Theory: 50

Internal Assessment: 20

Practical: 30 Duration of Exam: 3Hrs.

- Note: - (a) The question paper will comprise nine question. First question will be of short answer type consisting of ten parts (1 mark each) to be set from the whole syllabus. This question would be compulsory.
- (b) Remaining eight questions (essay type) would be set unit-wise, two questions from each unit. The candidate has to attempt four questions, selecting at least one from each unit.
- (c) Each question carries 10 marks.

B.A. [Semester-VI]

Course code: PSY 302

Course name: Applied Psychology

Course Objective: The objective is to study major applied areas of psychology (e.g., clinical, industrial, school, forensic, human factors, health, community etc.)

Course Outcomes:

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

CO1: Understand the meaning, history, fields and career in Applied psychology; Nature, Scope, Objective and Development of Organizational Psychology.

CO2: Know more about the objectives, principles, types of Guidance, Organization of Guidance Programme; and Need, principles, special areas and types of Counselling.

CO3: Comprehend the meaning, scope, objective and concept of Health psychology and Illness; and psychological factors in Physical illness, Lifestyle and health, Stress and Coping.

CO4: Have knowledge of Forensic psychology, psychology and law, Eye witness memory: Accuracy and improvement; and Statistics: Meaning of Correlation, Rank Difference Method and Product Moment Method.



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

Table shows the CO-PO mapping matrix for a course Paper Psychology-302 assuming that there are 8 POs and 4Cos.

Table: CO-PO Matrix for the Course Paper-302

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
Paper-302.1	3	3	3	3	2	-	-	3
Paper-302.2	3	3	3	3	3	-	-	2
Paper-302.3	3	3	3	3	3	-	-	3
Paper-302.4	3	3	3	3	-	-	-	2
Average	3	3	3	3	2	-	-	2.5

Note: It is not necessary that each CO has a correlation with all the PO's



B.A.-I (General) Psychology, Semester –II Paper- 302: Practical Applied Psychology

Max. Marks 30+20(Internal)
Time: 3 Hours.

Course Outcomes:

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

Paper – 302.1 acquaint with various kinds of apparatus and other measuring instruments. Paper – 302.2 design and conduct experiments/tests related to their theory paper.

1. Stress Scale
2. Coping Styles/Well-being Scale
3. General Health Questionnaire
4. Life Style Schedule
5. Aptitude Scale
6. Interest Scale
7. Job Satisfaction

8. Counselling Need Inventory
9. Job Stress Scale
10. Healthiness Scale/Adjustment Inventory

Note: Students are to Conduct and report at least five practical. The examiner will allot one practical at the time of examination.

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

Table shows the CO-PO mapping matrix for a course Paper-302(P) assuming that there are 8 POs and 2COs.

Table: CO-PO Matrix for the Course Paper-Psychology- 302(P)

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
Paper 302.1(P)	3	3	3	3	2	2	-	2
Paper 302.1(P)	3	3	3	3	3	3	-	3
Average	3	3	3	3	2.5	2.5	-	2.5



Course Specific Outcome
&
Programme Specific Outcomes

For
HOME SCIENCE



CO PO OF Home Science Department

PROGRAMME OBJECTIVES

1. Professional training and skill enhancement in order to provide and widen employment opportunities for girls through a continuously updated curriculum, addressing contemporary issues.
2. Equally, updating the process of teaching, networking and developing educational materials based on innovative, interactive and participatory communication strategies.
3. Strengthening linkages with national organizations, government agencies, non-governmental academic institutions, policy makers and the general public with a view to providing employment opportunities for students and enriching the database in research in all fields.
4. Extension education in the field of nutrition and health, women and child development, apparel and fabric design, consumer education and public awareness, home and interior décor with a view to better family and community living.
5. Employ their culinary skills, artistic skills, interpersonal skills and technical skill both in career and home for holistic living.

PROGRAMME OUTCOMES

1. The graduates will be able to understand and appreciate the role of interdisciplinary sciences in the development and well-being of individuals, families and communities
2. The graduates will be able to understand the sciences and technologies that enhance the quality of life of people
3. The graduates will be able to acquire professional and entrepreneurial skills for economic empowerment of self in particular, and community in general
4. The graduates will be able to develop professional skills in food, nutrition, textiles, housing, product making, communication technologies and human development
5. The graduates will be able to apply scientific knowledge to the outside world.



B.A.-Home Science (Paper instruction)

Max. Marks: 100

Theory: 40

Internal Assessment: 10

Practical: 50

Duration of Exam: 3Hrs.

Note: The question paper will consist of **nine** questions. The candidate shall attempt **five** questions in all. The Question No. 1 will be **compulsory**. The candidate shall attempt **four** more questions selecting at least **two** from each Unit.

The **Compulsory Question No. 1 of 10 marks** will be short answer type questions containing **ten** questions of equal marks (i.e. one mark each) spread over the whole syllabus. Other questions will carry the 7.5 marks each.

SEMESTER -1

FAMILY RESOURCE MANAGEMENT

(HOMS-101 & 102)

Course Outcomes:

1. To inculcate skills in the identification, creation, selection and judicious use of available resources with emphasis on maximization and conservation.
2. To skill students about work simplification techniques and energy, time, money management.
3. To impart knowledge and skills for making layouts for different rooms and table settings and table manners.
4. To make aware about consumerism and impart knowledge about consumer protection acts.
5. To develop and apply concepts of art, colour and design to create aesthetically pleasing interiors.
6. To acquire skill by making rangoli and flower arrangement in different rooms and occasions..



SEMESTER -2
HEALTH AND HYGIENE
(HOMS-103 & 104)

Course Outcomes:

1. To understand the importance of hygiene and health.
 2. To gain knowledge about symptoms, preventions and treatments of various diseases and study various health programmes.
 3. To learn practical skills on use of First Aid in daily life.
 4. To understand and know common emerging health problems among women like breast and cervical cancer.
 5. To understand basic concept of cleaning and polishing of different metals like copper, silver, steel glass etc.
-
1. To develop a skill by preparing a decorative item using of waste material, painting a pot and a menu card for any meal.

SEMESTER -3
HUMAN PHYSIOLOGY
(HOMS-201)

Course Outcomes:

1. To understand the physiology and anatomy of all the systems of human body.
2. To gain elementary knowledge of functions of organ systems in the human body.
3. Understand and know various parts and functioning of a basic sewing machine.
4. Develop the skill of applying hand processes, machine processes and seam processes.
5. To impart knowledge about traditional handmade embroideries, different tie and dye techniques and knitting.
6. To acquire professional and entrepreneurial skills like embroidery, tie and dye and knitting articles by using various techniques.



SEMESTER -4

CLOTHING AND TEXTILE

(HOMS-202)

Course Outcomes:

1. Describe traditional textiles of India in terms of their name, origin, production and their properties.
2. Understand various production techniques and properties of different natural and manmade Fibers.
3. Gain knowledge about basic weaves and different types of finishes given to fabric.
4. Equipped with the knowledge of laundry process, soap making, stiffening and bluing agents.
5. Acquire knowledge of the process of stain removal.
6. Students gain practical knowledge of drafting, cutting and stitching of basic children's and adult's garments.
7. To acquire professional and entrepreneurial skills by making garments.

SEMESTER -5

Foods & Nutrition

(HOMS-301)

Course Outcomes:

1. Understand the relationship between food, nutrition and health.
2. Understand the functions, sources, requirements and effects of excess and deficiency of different nutrients.
3. Understand the concept of nutrient losses during cooking and enhancement of nutritional quality of foods.
4. Learn about various food groups, balanced diet & principles of meal planning.
5. Understand nutrition considerations during special conditions.
6. To obtain knowledge about dietary management of diseases and modification of normal diet for therapeutic purposes and preservations.
7. Plan and prepare the suitable diet, planned menu for normal and diseased persons.



SEMESTER -4

CLOTHING AND TEXTILE

(HOMS-202)

Course Outcomes:

1. Describe traditional textiles of India in terms of their name, origin, production and their properties.
2. Understand various production techniques and properties of different natural and manmade Fibers.
3. Gain knowledge about basic weaves and different types of finishes given to fabric.
4. Equipped with the knowledge of laundry process, soap making, stiffening and bluing agents.
5. Acquire knowledge of the process of stain removal.
6. Students gain practical knowledge of drafting, cutting and stitching of basic children's and adult's garments.
7. To acquire professional and entrepreneurial skills by making garments.

SEMESTER -5

Foods & Nutrition

(HOMS-301)

Course Outcomes:

1. Understand the relationship between food, nutrition and health.
2. Understand the functions, sources, requirements and effects of excess and deficiency of different nutrients.
3. Understand the concept of nutrient losses during cooking and enhancement of nutritional quality of foods.
4. Learn about various food groups, balanced diet & principles of meal planning.
5. Understand nutrition considerations during special conditions.
6. To obtain knowledge about dietary management of diseases and modification of normal diet for therapeutic purposes and preservations.
7. Plan and prepare the suitable diet, planned menu for normal and diseased persons.



SEMESTER -6
HUMAN DEVELOPMENT
(HOMS-303)

Course Outcomes:

1. Understand child Psychology as a discipline, and its core concepts.
2. Grasp models of learning, intelligence, personality and play.
3. To study and understand the different stages of life.
4. To gain knowledge of the issues concerning adolescence and role of parents and teachers to cope up with these issues or problems.
5. To get acquainted with growth, development & physiological changes during pregnancy, lactation & infancy.
6. To Impart practical knowledge about preparation of nutrient rich recipes by using different cooking methods.
7. Explain the composition, nutritive value, selection, storage and processing of different foods such as cereals, pulses, vegetables, fruits and sugars.



Course Specific Outcome
&
Programme Specific Outcomes

For
ECONOMICS



Programme Outcomes

- To make the students competent in various walks of life
- To make the students job ready and enhance their employability.
- To make the students aware of and responsible towards gender, religion, and class equality.
- To enhance critical thinking by making the participate in social activities and imbibe human values among them.
- To encourage the students to participate in research at different levels through projects, interviews, surveys and field.

Programme Specific Outcomes

- To introduce basic theoretical concept satentry level.
- To provide in-depth understanding and current economic affairs of Indian economy.
- To make students aware regarding employment opportunities in banking finance and insurance and export sector.
- To make students capable of making rational economic decisions.
- To promote awareness regarding human resource development among students.



Semester	I	Class	B.A.
CourseNo.		Academic Year	2023-24
CourseName	PRINCIPLES OF MICRO ECONOMICS-1		
Name of Faculty	Dr. Piyusha Sharma		

Course Objectives

1	To understand the relevance of micro economic phenomena in the real world.
2	To acquaint students with various markets ,demand and supply
3	To provide various aspects of consumer's behavior.
4	To develop the analytical thinking with the help of statistical tools among the students

Course Outcomes

Unit	Course Unit	Description
CO 1	Introduction to Microeconomics	Learners can be aware about basic principles of microeconomic theory
CO 2	Ten Principles of Economics	Learners will understand the concepts and importance of Opportunity Cost, Incentives Exchange Inflation and Unemployment Trade Off.
CO 3	Demand and Supply	Students can apply the demand and supply function in business decisions.
CO 4	Consumer's Behavior	Students can understand the importance of maximum satisfaction.



Semester	II	Class	BA
CourseNo.		AcademicYear	2023-24
Course Name	PRINCIPLES OF MICRO ECONOMICS-2		
Name of Faculty	Dr. Piyusha sharma		

Course Objectives

1	To provides understanding in microeconomic theories.
2	To acquaint students with the imperfect competition, general equilibrium, and welfare economics
3	To make students aware about formal modeling of macroeconomic theory with analytical tools.
4	To impart knowledge about foreign exchange market, money market, uncovered interest parity.

Course Outcomes

Module	Course Module	Description
CO 1	Production Analysis	Learners can be aware about production function and production theories.
CO 2	Cost & Revenue Analysis	Students can understand the various cost and revenue concepts.
CO 3	Factor Pricing	The students can understand the different theories of factor pricing, rent, wages, interest, profit.
CO 4	Equilibrium in Different Market Structure	Learners can be aware about different market structures and their equilibrium conditions for price output determination.



Semester	3	Class	B.A.
CourseNo.		AcademicYear	202 3-24
CourseName	PRINICIPLES OF MACROECONOMICS I		
Nameof Faculty	Dr. Piyusha Sharma		

Course Objectives

1	To provides understanding in macroeconomic theories.
2	To acquaint students with the imperfect competition, general equilibrium, and welfare economics
3	To make students aware about formal modeling of macroeconomic theory with analytical tools.
4	To impart knowledge about foreign exchange market, money market, uncovered interest parity.

Course Outcomes

Unit	Course Unit	Description
CO 1	National in come	To understand the basic of Marco economics , circulation flow and national income
CO 2	Multiplier and MEC	To understand the concept of multiplier, MEC, Investment function
CO 3	Basics of output and income determination	To understand the basic of classical and Keynesian theories of income output and employment
CO 4	Basic of money	Quantity theory of money: fisher's equation and Cambridge equation and credit creation



Semester	4	Class	T.Y. B.A
CourseNo.		AcademicYear	2023-24
CourseName	MACRO ECONOMICS 2		
NameofFaculty	Dr. Piyusha Sharma		

Course Objectives

1	To provides understanding in microeconomic theories.
2	To acquaint students with the determination of income output theories
3	To make students aware about formal modeling of macroeconomic theory with analytical tools.
4	To impart knowledge about foreign exchange market, money market, uncovered interest parity.

Semester	4	Class	B.A.
CourseNo.		Academic Year	2023-24
CourseName	PRINCIPLES OF MACRO ECONOMICS-2		
Name of Faculty	Dr. Piyusha Sharma		

Course Outcomes

Unit	CourseUnit	Description
CO 1	IS-LM	The student shall understand the different aspects IS-LM curve and derivation of demand curve
CO 2	Inflation theories	To understand the concept of Inflation its types ,effects and measure to control
CO 3	Trade cycle	Understanding the basic of trade cycle and its types
CO 4	BOP	To understand the concept of Balance of payments and for gin exchange .



Semester	5	Class	B.A.
CourseNo.		Academic Year	2023-24
CourseName	Money and banking		
Name of Faculty	Dr. Piyusha Sharma		

Course Outcomes

Unit	CourseUnit	Description
CO 1	Money analysis	To understand Money and theories of money
CO 2	Money and capital market	To check the Role of financial markets and institutions, problem of asymmetric information- adverse selection and moral hazard, financial crises.
CO 3	Interest rates	To analysis the Interest Rates: Determination; sources of interest rate differentials; theories of term structure of interest rates; interest rates in India.
CO 4	Banking and non banking system	To understand the performance of banking and Non- Banking Financial Institutions (NBFIs)- role and structure NBFIs in India.



Course Specific Outcome
&
Programme Specific Outcomes

For B.A

**COMPUTER
AWARENESS(LEVEL 1)**



The Programme Outcomes (POs) for a Computer Awareness program are designed to provide students with a foundational understanding of computer systems, applications, and technologies.

Here are the typical Programme Outcomes for a Computer Awareness program:

1. Basic Computer Knowledge:

- Demonstrate a basic understanding of computer hardware, software, and operating systems.
- Identify and explain the primary components and functions of a computer system.

2. Operating System Proficiency:

- Understand and use common operating systems (e.g., Windows, macOS, Linux) and their basic features.
- Perform basic system operations, file management tasks, and software installations.

3. Software Applications:

- Identify and use common productivity software applications, such as word processing, spreadsheet, and presentation software.
- Demonstrate proficiency in using web browsers, email clients, and other internet-based applications.

4. Internet and Networking:

- Understand the basics of internet technology, protocols, and communication methods.
- Demonstrate knowledge of internet safety, security practices, and responsible online behaviour.



5. Digital Communication:

- Use digital communication tools and platforms effectively, including email, messaging, and social media.
- Understand the principles of digital communication, netiquette, and online etiquette.

6. Information Security and Privacy:

- Identify common security threats, vulnerabilities, and risks associated with computer use and the internet.
- Implement basic security measures and best practices to protect personal and sensitive information.

7. Lifelong Learning and Adaptability:

- Engage in continuous learning and self-improvement to stay updated with the latest computer technologies, applications, and trends.
- Demonstrate the ability to adapt to new technologies and apply acquired knowledge and skills in various computer-related contexts.

These Programme Outcomes ensure that graduates of the Computer Awareness program have a solid foundation in computer knowledge and skills, enabling them to effectively use computer systems and applications in their personal and professional lives, adapt to technological advancements, and engage responsibly and ethically in the digital world.



Course Specific Outcome
&
Programme Specific Outcomes

For
B.A (COMPUTER SCIENCE)



Annual	COURSE CODE	COURSE TITLE	COURSE OUTCOMES
Annual	CAL I 101(Theory)	Computer Awareness(Level 1)	<p>CO1. Provides understanding of basic Computer components</p> <p>CO2. Knowledge of Various Devices attached with Computer</p> <p>CO3.Enhancement of Windows, Exploring Computer parts.</p> <p>CO4.Managing Files and Folders</p> <p>CO5. Provides understanding of basic Word Processors</p> <p>CO6. Knowledge of Internet and Its Application</p> <p>CO7. Concepts of information and communication technology</p>
	CAL II 102(Practical)	Computer Awareness(Level 1)	<p>CO1. Performing basic editing functions, formatting text, copy and moving objects and text.</p> <p>CO2. Learning the formatting skills on paragraphs, tables, lists, and pages.</p> <p>CO3. Knowledge on navigating the Word Ribbon Interface.</p> <p>CO4. Understanding the process of inserting graphics, pictures, and table of contents, Drop Cap.</p> <p>CO5. Learning the utilities of Auto text, AutoCorrect, Footnotes and Bookmark.</p> <p>CO6. Demonstrating the basic mechanics and navigation of an Excel spreadsheet.</p> <p>CO7. Knowledge of Charts</p> <p>CO8. Learning the use and utility of functions and formulas on excel spreadsheet.</p> <p>CO9.Working with E-mail and Internet</p>



Course Specific Outcome
&
Programme Specific Outcomes

For
PHYSICS



Semester-I

(PH-101) Mechanics-I

Course Objective: The aim of this course is to introduce mathematical physics concepts, Laws of motion, Rotational motion, Gravitation and elasticity.

Course Outcome: At the end of the course students will be able to

PH-101.1: Grasp fundamental concepts in mathematical physics, such as the divergence theorem and Stokes' theorem.

PH-101.2: Comprehend the concepts of momentum, center of mass, and the conservation of energy.

PH-101.3: Gain understanding of rotational motion, moment of inertia for various shapes, through experimental exploration.

PH-101.4: Gain insight into central force and elasticity characteristics of different bodies.

(PH-102) Electricity and magnetism-I

Course Objective: The aim of this course is to introduce Electric field and Magnetism deals with Coulomb law, Electric field, Capacitor, Magnetism and magnetic material along with application of these concepts.

Course Outcome: At the end of this course, the students will be able to:

PH-102.1 Understand the scalar and vector potentials with significance, Gauss's law of electrostatics and its applications.

PH-102.2 Understand the applications of electrostatics like Laplace equation and polarization.

PH-102.3 Understand Biot Savart Law, its applications and magnetic vector potentials.

PH-102.4 The important properties of magnetic field and theories of dia, para and ferromagnetic materials. B-H Curve and Curie point.



Semester-II

(PH-201)Mechanics-II

Course Objective: The aim of this course is to introduce the Lagrangian mechanics, Generalized Notations, Theory of relativity and Applications of theory of relativity.

Course Outcome: At the end of the course students will be able to

PH-201.1: Understand generalized co-ordinates, Hamilton's Principle, Lagrange's equation and their applications.

PH-201.2: Understand the simple harmonic motion and its applications.

PH-201.3: Learn the basic concepts of the theory of relativity, frames of references, Michelson's Morley experiment. Understand the concepts of special theory of relativity including Lorentz invariance, length contraction, time dilation, twin paradox

PH-201.4: Understand relativistic motion and mass-energy equivalence.

(PH-202) Electricity, Magnetism and Electromagnetic theory-II

Course Objectives: The aim of this course is to introduce Vector background and Electric field, Magnetism, Maxwell equations, Electromagnetic theory and A. C. Analysis of simple circuits.

Course Outcomes: At the end of this course:

PH-202.1: Analysis of AC circuits with combination of capacitance, resistance and inductance, Q- factor

PH-202.2: Derive Maxwell's equations and introduce the role of displacement current.

PH-202.3: Understand the propagation of electromagnetic waves.

PH-202.4: Understand the Gauge transformation and relativistic phenomenon.



PH-(103,203):(Practical based on theory papers of Semester- I and II)

Course Objectives: The aim of this course is to have hands on experience with different instruments related to mechanics and electronics.

Course Outcomes: At the end of this course:

PH-203.1 Students are able to understand the different concepts related to different experiments in Physics.

PH-203.2 Verify some fundamental principles, effects and concepts of physics through experiments.

PH-203.3 Performed experiments related to mechanics: bar pendulum, flywheel, Young's modulus, Modulus of rigidity, Searle's method.

PH-203.4 Verify basic laws of electronics using PN junction, photo cell, Zener diode, Sonometer, impedance of A. C circuits. Learn to present observations, results and analysis in suitable form.



Semester III

PH-301 (Heat and thermodynamics)

Course Objective: The aim of this course is to deal with the important laws of thermodynamics, concept of heat, work and entropy. Behaviour of real gases as thermodynamics systems will be of interest.

Course Outcome: At the end of this course, the students will be able to:

PH-301.1 Learn the basic concepts of thermodynamics, the first and the second law of thermodynamics.

PH-301.2 Understand the third law of thermodynamics and its applications. The concept of entropy and the associated theorems

PH-301.3 Learn the basic concepts of the thermodynamic potentials and their physical interpretations. They are also expected to learn Maxwell's thermodynamic relations.

PH-301.4 Have a knowledge of the real gas equations, Van der Waal equation of state, the Joule-Thompson effect.

PH-302 (Semiconductor devices)

Course Objectives: The aim of this course is to introduce the basic concepts of semiconductor, transistor, amplifiers and oscillators.

Course Outcomes: At the end of this course, the students will be able to

PH-302.1 Understand the basic concepts of semiconductor devices including PN junction diode, Zener diode, rectifiers, LED, photodiode and solar cell.

PH-302.2 Understand the basic characteristics of transistors, biasing and stabilization.

PH-302.3 Study different amplifiers, their classifications concept of feedback, coupling, distortion in amplifiers and condition for self-sustained oscillation. Hartley oscillator and Colpitts Oscillator.

PH-302.4 Understand the basics of Op-Amp and its applications.



Semester IV

PH 401 (Statistical Mechanics)

Course Objectives: The aim of this course is to introduce the Statistical Physics, Quantum Statistics and Theory of Specific Heat of Solids.

Course Outcomes: At the end of this course, the students will be able to

PH-401.1 Learn about the basic concepts of Probability, thermodynamic probability, distribution of distinguishable and indistinguishable particles in boxes of equal size and in compartments of different size, condition of equilibrium between two systems in thermal contact. Students will be able to understand the relation between Thermodynamics and Probability.

PH-402.2 Learn about the concept of phase space and its division into cells, basic approach to three kinds of statistics, Maxwell Boltzmann statistics applied to derive the energy distribution, speed distribution and velocity distribution laws. Application of these laws to derive RMS and Average speeds and velocities

PH-402.3 Understand the phase space and its applications. Concept of negative temperature and Gibbs paradox.

PH-403.4 Understand the need and application of Quantum Statistics: Bose-Einstein & Fermi-Dirac statistics and their application to derive important laws of Physics like Planck's Radiation Law and energy distribution law for electron gas in metals. Also students will be able to articulate the connection as well as comparison between classical statistical mechanics and quantum statistical mechanics



PH 402 (Wave and optics)

Course Objectives: The aim of this course is to introduce the concept of interference, diffraction, polarization and fibre optics.

Course Outcomes: At the end of this course, the students will be able to

PH-402.1 Understand the wave motion, and the types of waves.

PH-402.2 Understand the phenomenon of interference and the applications such as Newton rings and Fresnel bi-prism.

PH-402.3 Understand the basic concept of diffraction: Fresnel's diffraction, zone plate and application under Fresnel's diffraction.

PH-403.4 Understand the theory of polarization, Nicol prism, plane polarized light, circularly and elliptically polarized light and concept of fibre optics along with its applications

PH(303,403) (Practical based on theory papers of Semester- III and IV)

Course Objectives: The aim of this course is to have hands on experience with different instruments related to optics, electronics and FORTRAN language.

Course Outcomes: At the end of this course:

PH-403.1 Understand various optical phenomena, principle, and applications.

PH-403.2 Verified: interference and diffraction related experiments like Newton's rings, Diffraction grating, prism and resolving power of telescope.

PH-403.3 Basic concept of FORTRAN, statements under FORTRAN and program based on FORTRAN: Ascending–descending order, even/odd number, area of sphere, circle and triangle.

PH-403.4 Learn to present observations, results and analysis in suitable form.

PH-404 (Skill Enhancement Course-I)

Course Objectives: The aim of this course is to enable the students to design and trouble shoots the electrical circuits, networks and applications through hands-on mode.



Course Objectives: At the end of this course:

PH-404.1 Understand the basic electrical components like resistor, capacitor and switches.

PH-404.2 Understand the relays, conductors and switches.

PH-404.3 Understand the energy sources and measurements.

PH-404.4 Understand the different types of digital circuits and the types of gates

Semester-V

PH-501 (Elements of Modern Physics)

Course Objectives: The course on Elements of Modern Physics deals with Bohr Model, Fundamentals of Wave Mechanics, Heisenberg uncertainty principle, Schrodinger Equation and LASER.

Course Outcomes: At the end of this course:

PH-501.1 Get insights of the inability of classical mechanics to explain various phenomenon which leads to the development of Quantum mechanics.

PH-501.2 Understand the Bohr model and its applications. Familiarize with fundamentals of wave mechanics.

PH-501.3 Understand the uncertainty principle, Schrodinger equation and different types of operators.

PH-501.4 Familiarize with optical phenomena and different concepts related to laser physics, characteristics of Laser Light, and different types of pumping. Qualitative understanding of basic lasing mechanism, types of Lasers, applications of LASER.



PH-502 (Nuclear Physics)

Course Objectives: The course on Nuclear Physics deals with Basic Properties of Nuclei Radioactivity, Nuclear Models and nuclear forces, Radiation Interaction, Nuclear Reactions, Nuclear Radiation Detector and Nuclear Reactors.

Course Outcomes: At the end of this course:

PH-502.1 Understand the structure, properties, their determination and the stability of the nucleus. Understand origin and interaction of nuclear particles like α , β and γ with matter.

PH-502.2 Understand the different nuclear models and forces that exist in between the nucleus.

PH-502.3 Understand the interaction of radiation with matter, nuclear reactions, and the concept of direction reactions.

PH-502.4 Understand detection and acceleration of nuclear particles. Q-value, fission, fusion and nuclear reactors to harness nuclear energy.



Semester-VI

PH-601 (Solid State Physics)

Course Objectives: The course on Solid State Physics deals with some important concepts of crystal structure, lattice vibrations, band theory, magnetic properties of matter and superconductivity.

Course Outcomes: At the end of this course:

PH-601.1 Understand crystals, crystal lattice, unit cell, crystal structure, their characteristics and symmetries, Bravais lattices, crystal planes, Miller indices and the structures of some crystals like diamond, sodium chloride and zinc sulphide.

PH-601.2 Understand crystal structure determination using x-ray diffraction and reciprocal lattice and their properties

PH-601.3 Understand the band theory and classification of different materials.

PH-601.4 Classification of superconductors, London and BCS theory of superconductivity and the applications of superconductivity

PH-602 (Quantum Mechanics)

Course Objectives: The course on Quantum Mechanics deals with applications of Schrodinger equation, spectroscopic terms and Rotational and vibrational spectra of diatomic molecules

Course Outcomes: At the end of this course:

PH-602.1 The interpretation of wave function of quantum particle and probabilistic nature of its location and subtler points of quantum phenomena are exposed to the student.

PH-602.2 Understand the behaviour of quantum particle encountering infinite potential barrier, step potential, quantum tunnelling and linear harmonic oscillator.

PH-602.3 Understand and explain the various coupling schemes and atomic spectra of one and two electron atoms. Explain the influence on the spectra of atoms in the presence of external applied magnetic field i.e. Zeeman effect.

PH-602.4 Have basic idea about the rotational, vibrational and rotational-vibrational spectra of diatomic molecules and basic idea of Raman Effect.



PH (503,603) (Practical based on theory papers of Semester- V and VI)

Course Objectives: The aim of this course is to have hands on experience with different instruments related to optics, electronics and Fortran language.

Course Outcomes: At the end of this course:

PH-603.1 Perform experiments to determine the resistance and handling of different instruments.

PH-602.2 Learn the concepts of diffraction and interference by performing experiments like: resolving power of telescope and prism, wavelength of light using diffraction grating etc.

PH-602.3 Understand the applications of FORTRAN in various mathematical problems: Simpson's 1/3 rule, and Standard deviation.

PH-602.4 Learn to present observations, results and analysis in suitable form.



Course Specific Outcome
&
Programme Specific Outcomes

For
CHEMISTRY



COURSE	After completion of these courses students should be able to:
CCL-105 ORGANIC CHEMISTRY	<p>SEMESTER I</p> <p>CO-1. Understanding the concept of aliphatic hydrocarbons</p> <p>CO-2. Understanding of the Stereochemistry of organic molecules.</p> <p>CO-3. Mechanistic approach of different organic reactions and reaction Intermediates.</p>
CCL-104 INORGANIC CHEMISTRY	<p>CO-1. Thorough understanding of Chemical Bonding with special Emphasis on Ionic, Covalent bonding.</p>
CCL-204 PHYSICAL CHEMISTRY	<p>CO-2. Gather an in-depth knowledge about atomic structure.</p> <p>CO-3. Understanding the Valence Bond Theory and MO Theory.</p> <p>SEMESTER II</p> <p>CO-1. Understand the Macroscopic Thermodynamics at equilibrium, Zeroth Law, 1st Law of Thermodynamics</p> <p>CO-2. Adiabatic and Isothermal processes.</p> <p>CO-3. Work Done in isothermal and adiabatic processes.</p> <p>CO-4. Specific Heat and Kirchoff's Equation.</p> <p>CO-5. Joule-Thomson's Experiment.</p> <p>CO-6. Concepts of Ionic Equilibrium.</p>
CCL-205 ORGANIC CHEMISTRY	<p>CO-1. Understanding of the chemistry of unsaturated compounds.</p> <p>CO-2. Aromatic substitution reaction mechanisms.</p> <p>CO-3. Understanding the concepts of Alkyl and Aryl Halides</p>



<p>CCL-304 PHYSICAL CHEMISTRY</p>	<p>SEMESTER III CO-1. Understanding the principles of electrochemistry. CO-2. Understanding the laws of Conductance. CO-3. Understanding the concepts of Ideal and Non-Ideal Solutions .</p>
<p>CCL-305 ORGANIC CHEMISTRY</p>	<p>CO-1. Understanding of the concepts of Carbohydrates, amino acids. CO-2. Understanding the formation of proteins and enzymes. CO-3. Basic principle of the Watson-Crick model of DNA. CO-4. Thorough study of Carbohydrates.</p>
<p>CCL-404 INORGANIC CHEMISTRY</p>	<p>SEMESTER IV CO-1. Thorough understanding of Co-ordination Chemistry. CO-2. Isomerism of Inorganic Compounds. CO-3. IUPAC nomenclature of Inorganic compounds. CO-4. Detailed study of d- and f- transition elements. CO-5. Detailed study of Lanthanides and Actinides.</p>
<p>CCL-405 PHYSICAL CHEMISTRY</p>	<p>CO-1. Understand the basic principles of Kinetic Theory of Gases. CO-2. Basic Principles of Kinetics of a reaction, rate of a equation, CO-3. Molecularity and order of a reaction, rate determining step. CO-4. Arrhenius equation and temperature dependence, Collision Theory.</p>
<p>CCL-503(ii) INORGANIC CHEMISTRY</p>	<p>SEMESTER V CO-1 Understanding of the basic principles of Metallurgy. CO-2. Detailed knowledge of s- and p- block elements</p>
<p>CCL-504(ii) INORGANIC CHEMISTRY</p>	<p>CO-1. Understanding the concepts of Interhalogen Compounds , Psuedohalides CO-2. Elementary idea of Inorganic polymers. CO-3. Detailed study of the Noble gases.</p>



<p>CCL-603(i) INORGANIC CHEMISTRY</p>	<p>SEMESTER VI CO-1. Understanding of Organometallic chemistry. CO-2. Understanding the concept of Chemistry of 3d elements CO-3. Developing the idea and concepts of Bio-inorganic chemistry.</p>
<p>CCL-604(i) ORGANIC CHEMISTRY</p>	<p>CO-1. Understanding and application of Lambert-Beer's Law. CO-2. Understanding the basic principles of UV-Vis & IR spectroscopy. CO-3. Detailed study of Carbocycles and Heterocycles.</p>
<p>CCS-505(ii) FUEL CHEMISTRY</p>	<p>CO-1. Understanding the concept of Renewable and Non-Renewable sources CO-2. Understanding the concept of Petroleum and Petrochemicals. CO-3. Understanding the concepts of viscosity</p>



Course Specific Outcome
&
Programme Specific Outcomes

For
BIOTECHNOLOGY



NAME OF THE PROGRAMME: BACHELOR OF SCIENCE (Medical-Biotechnology)
DURATION : THREE YEARS

PROGRAMME OUTCOMES (POs)		
PO1	Knowledge	Enables the students in gaining knowledge and to study in a holistic manner.
PO2	Communication	Ability to effectively communicate their views and present their work with confidence to the scientific community and society
PO3	Problem Solving	Enables the student to apply the knowledge gained to study plants in a holistic manner and to solve scientific problems in a directional way
PO4	Individual and Team Work	Capable to learn and work as an individual or team in an effective manner.
PO5	Investigation of Problems	Develop skill to critically think and analyse the knowledge of subject in interpretation of data and addressing practical problems.
PO6	Modern Tool Usage	Capable of learning advanced scientific techniques and tools used in learning plant biology.
PO7	Science and Society	Ability to apply theoretical and practical knowledge to resolve issues related to the society.
PO8	Life-Long Learning	Capable in applying fundamental concepts, principle and processes of botany that are required in learning activities throughout life.
PO9	Environment and Sustainability	Ability to adopt knowledge in plant structure, function and solve the issues related to environment and ecology in a sustainable manner.
PO10	Ethics	Apply moral and ethical principles in both academics and research to become professionally more responsible citizen
PO11	Project Management	Ability to apply knowledge in understanding, designing and managing novel projects related to plant biology



B.Sc. I YEAR

SEMESTER-I

Course I- Introduction to Biotechnology (BIT-101L)

Course Objectives: The aim of this course is to develop foundational understanding of the principles, applications, and ethical considerations of biotechnology.

Course Outcomes: At the end of this course, the student will be able to:

BIT-101L.1- Students are introduced to various techniques such as genetic engineering, recombinant DNA technology, gene editing, and protein expression systems.

BIT-101L.2- Through theoretical instruction and hands-on laboratory experiences, students develop the skills necessary to analyze biological systems, manipulate genetic material, and engineer organisms for medical, agricultural, and industrial purposes.

CO-PO Mapping Matrix for Course Code: BIT-101L

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO1	3	2	1	2	1	2	3	3	2	3	2
CO2	3	2	1	2	1	2	3	3	2	3	2
Average	3	2	1	2	1	2	3	3	2	3	2

Course II–Biochemistry-I (BIT-102L)

Course Objectives: The aim of this course is to introduce about various structures and functions of various biomolecules

Course Outcomes: At the end of this course, the student will be able to:

BIT-102L.1 Learn and understand about the biomolecules, different interactions, buffer system and pH. Discuss classification, structures and the roles of carbohydrates, biological function of polysaccharides and amino acids

BIT-102L.2 Understand the structures, properties, classification and importance of amino acids, proteins, lipids and nucleic acids

CO-PO Mapping Matrix for Course Code: BIT 102L

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO1	3	2	1	2	1	2	3	2	2	3	3
CO2	3	2	1	2	1	2	3	2	2	3	3
Average	3	2	1	2	1	2	3	2	2	3	3



Course Practical- Biochemistry (BIT 103P)

Course objectives: The aim of this course is to introduce the students how to apply the theoretical knowledge in the practical world.

Course outcomes: At the end of this course, the student will be able to:

BIT103P.1 Learn about technique of centrifugation and how to use spectrophotometer

BIT103P.2 Demonstrate the working of various instruments and techniques used in biotechnology as well as will be able to analyze carbohydrates, proteins, lipids and vitamins from a sample both qualitatively and quantitatively

CO-PO Mapping Matrix for Course Code: BIT 103P

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO1	3	2	1	2	2	3	3	2	2	2	3
CO2	3	2	1	2	1	2	3	2	2	3	3
Average	3	2	1	2	1.5	2.5	3	2	2	2.5	3

B.Sc. I YEAR

SEMESTER-II

Course I- General Microbiology (BIT-201L)

Course Objectives: The aim of this course is to encompass a comprehensive understanding of microbial structure, function, genetics, metabolism, ecology, and evolution.

Course Outcomes: At the end of this course, the student will be able to:

BIT-201L.1- Through rigorous laboratory training, students develop proficiency in fundamental microbiological techniques, including microscopy, culturing methods, molecular biology assays, and biochemical analyses.

BIT-201L.2- Ethical considerations in microbiological research, such as biosafety, biosecurity, and research integrity, are integrated into the curriculum.

CO-PO Mapping Matrix for Course Code:BIT-201L

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO1	3	2	2	2	1	2	3	3	2	3	2
CO2	3	2	1	2	1	2	3	3	2	3	2
Average	3	2	1.5	2	1	2	3	3	2	3	2



Course II- Biochemistry-II (BIT-202L)

Course Objectives: The aim of this course is to understand the basic concept of enzymes, vitamins, coenzyme and hormones. In addition to this understanding of metabolism, bioenergetics, carbohydrate, lipids and amino acid metabolism

Course Outcomes: At the end of this course, the student will be able to:

BIT-202L.1 Know about the nature of enzymes, their classification, concept of enzyme kinetics, enzyme inhibition as well as structure and functions of various vitamins and hormones.

BIT-202L.2 Understand the various pathways involved in the metabolism of carbohydrates, lipids and amino acids.

CO-PO Mapping Matrix for Course Code: BIT202L

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO1	3	3	2	2	1	2	3	2	2	3	3
CO2	2	2	1	2	1	3	3	2	2	2	3
Average	2.5	2.5	1.5	2	1	2.5	3	2	2	2.5	3

Course Practical- Microbiology (BIT 203P)

Course objectives: The aim of this course is to introduce the students how to apply the theoretical knowledge in the practical world.

Course outcomes: At the end of this course, the student will be able to:

BIT203P.1: Learn about technique of safety measures, cleaning, drying and sterilization.

BIT203P.2: Demonstrate the working of various instruments and techniques used in basic microbiology as well as will be able to perform pure culture technique, staining of microorganisms, observation of bacteria in curd etc.

CO-PO Mapping Matrix for Course Code: BIT 203P

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO1	3	2	2	2	2	2	3	3	2	3	2
CO2	3	2	2	2	1	2	3	3	2	3	2
Average	3	2	2	2	1.5	2	3	3	2	2	2



B.Sc. II YEAR **SEMESTER III**

Course I- Molecular Biology (BIT 301L)

Course objectives: To introduce the basic concept of Molecular Biology, gene and central dogma

Course outcomes: At the end of this course, the student will be able to:

BIT 301L.1 Elaborate the central dogma of life, the general principles of gene organization and describe the structure and functions of nucleic acids and repair mechanisms. Gain knowledge of DNA replication in prokaryotes and eukaryotes

BIT 301L.2 Understand the mechanism of transcription in prokaryotes and eukaryotes, post transcriptional processing of mRNA in eukaryotes; Describe and correlate the concept of genetic code and mechanism of translation in prokaryotes.

BIT 301L.3 Give an insight of the process of gene expression in prokaryotes and eukaryotes, concept of operon along with different models

CO-PO Mapping Matrix for Course Code: BIT 301L

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO1	3	2	1	2	1	3	3	2	2	3	3
CO2	3	2	1	2	1	3	3	2	2	3	3
CO3	3	3	1	2	1	2	3	2	1	3	2
Average	3	2.3	1	2	1	2.6	3	2	1.6	3	2.6

Course II Bio-analytical Techniques (BIT 302L)

Course objectives: To introduce different bio analytical techniques

Course outcomes: At the end of this course, the student will be able to

BIT 302L.1 Understand about microscopy and laws of spectroscopy. Gain knowledge of cell fractionation techniques

BIT 302L.2 Understand the types and principle of chromatography and electrophoresis to separate out different molecules

CO-PO Mapping Matrix for Course Code: BIT 302L

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO1	3	2	1	2	2	3	3	2	2	3	3
CO2	3	2	2	2	1	2	3	2	3	3	2
Average	3	2	1.5	2	1.5	2.5	3	2	2.5	3	2.5



Course Practical- Molecular Biology & Bio-analytical Techniques (BIT 303P)

Course objectives: The aim of this course is to introduce the students how to apply the theoretical knowledge in the practical world.

Course outcomes: At the end of this course, the student will be able to:

BIT303P.1 Learn about technique of centrifugation, microscopy and how to use spectrophotometer

BIT303P.2 Isolate DNA from animal and bacteria, analysis on agarose gel electrophoresis and estimation of DNA

CO-PO Mapping Matrix for Course Code: BIT 303P											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO1	3	2	1	3	1	3	3	2	2	3	3
CO2	3	2	1	2	1	3	3	2	2	2	3
Average	3	2	1	2.5	1	3	3	2	2	2.5	3

B.Sc. II YEAR SEMESTER IV

Course I- Immunology (BIT401L)

Course objectives: To introduce the basic concept of Immunology.

Course outcomes: At the end of this course, the student will be able to

BIT401L.1 Conceptualize how the innate and adaptive immune responses coordinate to fight against invading pathogens. Understand about different cells and organs of immune system, antigen, immunoglobulins

BIT401L.2 Understand and learn about antigen-antibody interactions, complement system and generation of immune cell responses, hypersensitivity, autoimmunity and different types of vaccines.

CO-PO Mapping Matrix for Course Code: BIT 401L											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO1	3	3	2	2	1	2	2	2	2	3	3
CO2	3	2	1	2	1	2	3	2	2	3	3
Average	3	2.5	2.5	2	1	2	2.5	2	2	3	3



Course II- Recombinant DNA Technology (BIT402L)

Course objectives: To introduce the basic concept of Recombinant DNA Technology, various techniques to synthesize and sequence gene

Course outcomes: At the end of this course, the student will be able to:

BIT402L.1 Give insight of the principles and applications of the molecular tools used in recombinant DNA technology and the process of cloning

BIT402L.2 Elaborate about gene libraries, genome mapping, sequencing process and applications of Recombinant DNA Technology

CO-PO Mapping Matrix for Course Code: BIT 402L

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO1	3	2	3	2	1	3	3	2	2	3	3
CO2	3	2	1	1	1	3	3	2	2	1	3
Average	3	2	2	3	1	3	3	2	2	2	3

Course Practical- Immunology & Recombinant DNA Technology (BIT 403P)

Course objectives: The aim of this course is to introduce the students how to apply the theoretical knowledge in the practical world.

Course outcomes: At the end of this course, the student will be able to

BIT403P.1 Isolate DNA from plants and bacteria, plasmid DNA and separation of DNA by Agarose gel electrophoresis

BIT403P.2 Perform various tests blood typing, immunoassays such as radial immunodiffusion

CO-PO Mapping Matrix for Course Code: BIT 403P

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO1	3	3	3	2	2	3	3	2	2	2	3
CO2	3	2	1	2	1	3	3	2	2	3	2
Average	3	2.5	2	2	1.5	3	3	2	2	2.5	2.5



B.Sc. III YEAR

SEMESTER V

Course I- Plant Biotechnology (BIT 501 L)

Course Objectives: The aim of this course is to introduce the students with an understanding of the principles and applications of biotechnology specifically related to plants.

Course Outcomes: At the end of this course, the student will be able to:

BIT-501L.1- Learn about genetic modification techniques, tissue culture methods, gene editing technologies, and the utilization of biotechnological tools for crop improvement, disease resistance, and enhanced agricultural productivity.

BIT-501L.2- Enhance theoretical learning and practical laboratory work, students develop skills in plant tissue culture, genetic transformation, and molecular breeding approaches.

CO-PO Mapping Matrix for Course Code: BIT-501 L

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO1	3	2	2	2	2	3	3	3	2	3	2
CO2	3	2	2	2	2	3	3	3	2	3	2
Average	3	2	2	2	2	3	3	3	2	3	2

Course II- Microbial Biotechnology (BIT-502L)

Course Objectives: The aim of this course is to equip the students with a comprehensive understanding of the principles, methods, and applications of biotechnology specifically focused on microorganisms.

Course Outcomes: At the end of this course, the student will be able to:

BIT-502L.1- Learn via theoretical instruction and hands-on laboratory experiences, students learn techniques such as genetic engineering, metabolic engineering, fermentation technology, and bioprocess optimization.

BIT-502L.2- They explore how microbial biotechnology can be applied in various industries including healthcare, pharmaceuticals, food and beverage, environmental remediation, and bioenergy production.

CO-PO Mapping Matrix for Course Code: BIT-502L

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO1	3	2	2	2	2	3	3	2	2	2	2
CO2	3	2	2	2	2	3	3	2	2	2	2
Average	3	2	2	2	2	3	3	2	2	2	2



Course Practical- Microbial Biotechnology and Plant Tissue Culture (BIT 503P)

Course objectives: The aim of this course is to introduce the students how to apply the theoretical knowledge in the practical world.

Course outcomes: At the end of this course, the student will be able to

BIT503P.1 Handling and working of different instruments used in plant tissue culture and microbial biotechnology techniques.

BIT503P.2 Perform various practical experiments including callus, suspension culture, micro propagation of shoot tip, axillary bud culture, production of alcohol etc.

CO-PO Mapping Matrix for Course Code: BIT 503P

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO1	3	3	3	2	2	3	3	2	2	3	2
CO2	3	3	3	2	2	3	3	2	2	3	2
Average	3	3	3	2	2	3	3	2	2	3	2

B.Sc. III YEAR

SEMESTER VI

Course I- Animal Biotechnology (BIT 601L)

Course Objectives: The aim of this course is to introduce the students with a comprehensive understanding of the principles, techniques, and applications of biotechnology in the context of animal science.

Course Outcomes: At the end of this course, the student will be able to:

BIT-601L.1-Gain proficiency in genetic engineering, reproductive biotechnologies, transgenic animal production, and stem cell research.

BIT-601L.2- Learns how these techniques can be applied to improve animal health, enhance livestock productivity, develop disease models, and advance biomedical research.

CO-PO Mapping Matrix for Course Code: BIT-601L

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO1	3	2	1	1	1	3	3	2	2	2	1
CO2	3	2	1	1	1	3	3	2	2	2	1
Average	3	2	1	1	1	3	3	2	2	2	1



Course II- Bioinformatics (BIT-602L)

Course Objectives: The aim of this course is to introduce the students with foundational knowledge and skills in the interdisciplinary field of bioinformatics.

Course Outcomes: At the end of this course, the student will be able to:

BIT-602L.1- explore with the theoretical instruction and practical exercises, students gain an understanding of biological databases, sequence analysis methods, molecular modeling, and data mining techniques.

BIT-602L.2- Learn to use computational tools and software to analyze biological data, such as DNA and protein sequences and interpret their biological significance.

CO-PO Mapping Matrix for Course Code: BIT-602L

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO1	3	3	3	2	2	3	3	3	3	3	3
CO2	3	3	3	2	2	3	3	3	3	3	3
Average	3	3	3	2	2	3	3	3	3	3	3

Course III- Molecular Diagnostics (BIT-604L)

Course Objectives: The aim of this course is to introduce the students with a comprehensive understanding of the principles, methodologies, and applications of molecular techniques in diagnostics.

Course Outcomes: At the end of this course, the student will be able to:

BIT-604L.1- Demonstrate proficiency in performing various molecular diagnostic assays, interpreting results accurately, and applying critical thinking skills to troubleshoot assay limitations.

BIT-604L.2- Adept at integrating molecular diagnostic methods into clinical practice, recognizing the significance of quality control measures, and staying abreast of advancements in the field to contribute effectively to the improvement of healthcare outcomes through precise and timely disease detection and monitoring.

CO-PO Mapping Matrix for Course Code: BIT-604L

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO1	3	2	1	1	1	2	3	2	2	2	2
CO2	3	2	1	1	1	2	3	2	2	2	2
Average	3	2	1	1	1	2	3	2	2	2	2



Course Practical- Animal Biotechnology and Bioinformatics (BIT 603P)

Course objectives: The aim of this course is to introduce the students how to apply the theoretical knowledge in the practical world.

Course outcomes: At the end of this course, the student will be able to-

BIT 603P.1: Learn about sterilization techniques, sources of contamination and decontamination measures

BIT 603P.2: Isolate DNA from animals tissue, its separation by Agarose gel electrophoresis, quantification etc.

BIT 603P.3: Learn about biological databases through internet, primer designing, curation of sequence homology through BLAST etc.

CO-PO Mapping Matrix for Course Code: BIT 603P

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO1	3	3	3	2	2	3	3	2	2	3	2
CO2	3	2	2	2	1	3	3	2	2	3	2
CO3	3	3	3	2	2	2	3	2	2	3	2
Average	3	2.5	2.5	2	1.5	3	3	2	2	3	2



Course Specific Outcome
&
Programme Specific Outcomes

For
BOTANY



**Name of the Programme: Bachelor of Science
(Medical), Subject: Botany Duration: Three Years**

PROGRAMME OUTCOMES (POs)

PO1	Knowledge	Enables the students in gaining knowledge and to study in a holistic manner.
PO2	Communication	Ability to effectively communicate their views and present their work with confidence to the scientific community and society
PO3	Problem Solving	Enables the student to apply the knowledge gained to study plants in a holistic manner and to solve scientific problems in a directional way
PO4	Individual and Team Work	Capable to learn and work as an individual or team in an effective manner.
PO5	Investigation of Problems	Develop skill to critically think and analyse the knowledge of subject in interpretation of data and addressing practical problems.
PO6	Modern Tool Usage	Capable of learning advanced scientific techniques and tools used in learning plant biology.
PO7	Science and Society	Ability to apply theoretical and practical knowledge to resolve issues related to the society.
PO8	Life-Long Learning	Capable in applying fundamental concepts, principle and processes of botany that are required in learning activities throughout life.
PO9	Environment and Sustainability	Ability to adopt knowledge in plant structure, function and solve the issues related to environment and ecology in a sustainable manner.
PO10	Ethics	Apply moral and ethical principles in both academics and research to become professionally more responsible citizen
PO11	Project Management	Ability to apply knowledge in understanding, designing and managing novel projects related to plant biology



COURSE OUTCOMES

B-BOT-101: Biodiversity of Microbes, Algae and fungi

Course Objective: The aim of this course is to introduce students to the world of basic botany that include primary diversity of living systems.

Course Outcomes: At the end of the course students will be able to

B-BOT-101.1 Learn and understand the general characters, economic importance and life-cycle of different groups of microbes, algae and fungi.

B-BOT-101.2 students will be able to explain their impact on environment, human welfare and role in different industries.

B-BOT-101.3 students will understand the evolutionary significance and lineage of these organisms

CO-PO Mapping Matrix for Course Code: B-BOT-101

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
B-BOT-101.1	3	2	2	1	3	2	2	3	3	1	2
B-BOT-101.2	3	2	3	2	1	2	1	2	3	1	3
B-BOT-101.3	3	1	1	1	2	1	1	2	1	1	1
Average	3	1.6	2	1.3	2	1.6	1.3	2.3	2.3	1	2



B-BOT-102: Biodiversity of Archegoniates

Course Objective: The aim of this course is to introduce students to the world of basic botany that include primary diversity of living systems. The aim of this course is to introduce students to the world of basic botany that include primary diversity of seed plants.

Course Outcomes: At the end of the course students will be able to

B-BOT-102.1 learn and understand the general characters, economic importance and life-cycle of different groups of bryophytes, pteridophytes and gymnosperms.

B-BOT-102.2 students will understand the evolutionary significance and lineage of these organisms

CO-PO Mapping Matrix for Course Code: B-BOT-102

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
B-BOT-102.1	3	2	2	1	3	2	2	3	3	1	2
B-BOT-102.2	3	1	1	1	2	1	1	2	1	1	1
Average	3	1.5	1.5	1	2.5	1.5	1.5	2.5	2	1	1.5



B-BOT-103: Biodiversity of Microbes, Algae, Fungi and Archegoniates Practical

Course Objective: The aim of this course is to introduce students to the world of practical knowledge of primary diversity of living systems.

Course Outcomes: At the end of the course students will be able to

B-BOT-103.1 learn and understand to identify, classify and study morphology of different groups of microbes, algae, fungi, bryophytes, pteridophytes, and gymnosperms.

B-BOT-103.2 students will collect specimen of diverse forms of organisms from their neighbouring areas and will be able to make projects either individually or in groups.

CO-PO Mapping Matrix for Course Code: B-BOT-103

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
B-BOT-103.1	3	3	2	2	1	1	2	2	3	2	2
B-BOT-103.2	3	2	3	3	2	2	2	3	3	2	3
Average	3	2.5	2.5	2.5	1.5	1.5	2	2.5	3	2	2.5



B-BOT-201: Plant Ecology

Course Objective: This course provide importance of ecology for human development

Course Outcomes: At the end of the course students will be able to

B-BOT-201.1 Explain the introduction of ecology and importance of various environmental factors

B-BOT-201.2 Know about population growth and ecological adaptations

B-BOT-201.3 Study various types of pollution and phytogeographic zones of India

B-BOT-201.4 students will be able to study ecology and its impact on environment

CO-PO Mapping Matrix for Course Code: B-BOT-201

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
B-BOT-201.1	2	3	2	2	1	2	3	2	1	1	2
B-BOT-201.2	3	2	1	2	1	3	1	2	2	1	1
B-BOT-201.3	2	3	2	2	2	3	2	2	1	2	1
Average	2.3	2.6	1.6	2.0	1.3	2.6	2.0	2.0	1.3	1.3	1.3



B-BOT-202: Plant taxonomy

Course Objective: The aim of this course is to introduce students to the different concepts of plant taxonomy that includes naming, classification and basic knowledge about flowering plants

Course Outcomes: At the end of the course students will be able to

B-BOT-202.1 learn and understand the botanical description of plants, nomenclature and terms related to their identification

B-BOT-202.2 discuss the importance of plant taxonomy and taxonomic hierarchy and will understand the Bentham and Hooker classification system

B-BOT-202.3 students will understand the concepts of numerical taxonomy

CO-PO Mapping Matrix for Course Code: B-BOT-202

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
B-BOT-202.1	3	2	1	2	3	1	2	3	2	1	2
B-BOT-202.2	3	2	3	1	2	1	1	3	1	1	1
B-BOT-202.3	3	2	3	3	3	3	3	2	2	3	2
Average	3	2	2.3 3	2	2.6 7	1.6 7	2	2.6 7	1.6 7	1.67	1.67



B-BOT-203 : Plant Ecology and taxonomy Practical

Course Objective: The aim of this course is to introduce students to the world of environment and taxonomy

Course Outcomes: At the end of the course students will be able to

B-BOT-203.1 learn and understand the morphology, anatomy, reproductive biology of seed plants

B-BOT-203.2 students will be able to explain important characters and describe flowers in technical terms

CO-PO Mapping Matrix for Course Code: B-BOT-203

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
B-BOT-203.1	3	2	2	2	2	2	2	2	3	2	2
B-BOT-203.2	3	3	3	3	2	2	2	2	3	2	3
Average	3	2.5	2.5	2.5	2	2	2	2	3	2	2.5



B-BOT-301: PLANT ANATOMY

Course Objective: The aim of this course is to introduce students to internal organization of plants which is very important in plant biology

Course Outcomes: At the end of the course students will be able to

B-BOT-301.1 identify, describe and differentiate plant cells, cell organelles and their functions which is helpful in botany

B-BOT-301.2 students will be able to apply plant anatomical features for correct identification and it will be useful in taxonomy

B-BOT-301.3 students will understand the wood structure in a better manner

CO-PO Mapping Matrix for Course Code: B-BOT-301

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
B-BOT-301.1	3	1	3	1	2	2	2	3	3	1	2
B-BOT-301.2	3	2	3	2	1	2	1	2	3	1	3
B-BOT-301.3	3	1	1	1	2	1	1	2	1	1	1
Average	3	1.3 3	2.3 3	1.3 3	1.6 7	1.6 7	1.3 3	2.3 3	2.3 3	1	2



B-BOT-302: PLANT EMBRYOLOGY

Course Objective: The aim of this course is to introduce students to the embryological studies that play an important role in plant breeding and crop improvements

Course Outcomes: At the end of the course students will be able to

B-BOT-302.1 explain the developmental patterns of both vegetative and reproductive organs of plants

B-BOT-302.2 apply knowledge about embryological characters in explaining plant reproductive Biology

CO-PO Mapping Matrix for Course Code: B-BOT-302

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
B-BOT-302.1	3	1	2	1	1	1	2	2	2	1	1
B-BOT-302.2	3	2	2	1	1	1	2	2	2	1	1
Average	3	1.5	2	1	1	1	2	2	2	1	1



B-BOT-305: Biofertilizers

Course Objective: The aim of this course is to introduce students to the embryological studies that play important role in plant breeding and crop improvements

Course Outcomes: At the end of the course students will be able to

B-BOT-305.1 Analyzing the roles of microorganism in soil fertility and plant nutrition

B-BOT-305.2 Learning about the production, formulation and application methods of biofertilizers

B-BOT-305.3 developing skills in designing and implementing biofertilizer based agricultural practices

CO-PO Mapping Matrix for Course Code: B-BOT-305

Cos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
B-BOT-305.1	3	2	1	2	2	2	2	2	3	2	2
B-BOT-305.2	3	2	2	2	2	3	2	3	3	2	3
B-BOT-305.3	3	2	2	3	1	2	2	3	3	2	2
Average	3	2	1.6 6	2.3 3	1.6 6	2.3 3	2	2.6 6	3	2	2.33



B-BOT-303: PLANT ANATOMY & EMBRYOLOGY PRACTICAL

Course Objective: The aim of this course is to introduce students to internal organization of plants which is very important in plant biology and embryological studies

Course Outcomes: At the end of the course students will be able to

B-BOT-303.1 explain the developmental patterns of both vegetative and reproductive organs of plants

B-BOT-303.2 explain the developmental patterns of both vegetative and reproductive organs of plants

B-BOT-303.3 students will understand the embryology of plants

CO-PO Mapping Matrix for Course Code: B-BOT-303

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
B-BOT-303.1	3	3	2	1	3	3	2	1	2	1	1
B-BOT-303.2	3	2	3	1	3	3	2	2	2	1	1
B-BOT-303.3	3	3	2	3	3	2	3	3	2	3	3
Average	3	2.6 7	2.3 3	1.6 7	3	2.6 7	2.3 3	2	2	1.67	1.67



B-BOT-401: Plant Physiology

Course Objective: This course will make students aware of various plant growth parameters

Course Outcomes: At the end of the course students will be able to

B-BOT-401.1 Understand plant – water relation and mineral requirements of plants

B-BOT-401.2 Detail of plant movement and photoperiodic responses

B-BOT-401.3 Evaluate the role of minerals in plant nutrition and their deficiency symptoms

CO-PO Mapping Matrix for Course Code: B-BOT-401

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
B-BOT-401.1	3	2	2	1	2	3	1	2	2	1	1
B-BOT-401.2	2	3	2	2	3	2	2	1	2	1	2
B-BOT-401.3	3	2	2	3	2	1	2	2	1	2	1
Average	2.6	2.3	2.0	2.0	2.3	2.0	1.6	1.6	1.6	1.3	1.3



B-BOT-402: Plant Metabolism

Course Objective: This course will make students aware of various plant growth parameters

Course Outcomes: At the end of the course students will be able to

B-BOT-402.1 Comprehend the importance of water in plant life and mechanisms for transport of water and solutes in plants.

B-BOT-402.2. Interpret the role of enzymes in plant metabolism

B-BOT-402.3 Critically understands the light reactions and carbon assimilation processes responsible for synthesis of food in plants.

B-BOT-402.4 Analyze the biochemical reactions in relation to Nitrogen and lipid metabolisms.

CO-PO Mapping Matrix for Course Code: B-BOT-402

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
B-BOT-402.1	3	2	2	2	2	2	3	2	3	2	2
B-BOT-402.2	3	2	2	2	1	2	2	3	2	2	2
B-BOT-402.3	3	2	2	1	2	2	3	2	2	2	2
B-BOT-402.4	3	2	2	2	1	2	2	2	2	2	2
Average	3	2	2	2	1.5	2	2.5	2.2	2.2	2	2
								5	5		



B-BOT-403: Plant Physiology & Metabolism Practical

Course Objective: This course will make students aware of various plant growth parameters

Course Outcomes: At the end of the course students will be able to

B-BOT-403.1 Comprehend the importance of water in plant life and mechanisms for transport of water and solutes in plants.

B-BOT-403.2. Interpret the role of enzymes in plant metabolism

B-BOT-403.3 Critically understands the light reactions and carbon assimilation processes responsible for synthesis of food in plants.

CO-PO Mapping Matrix for Course Code: B-BOT-403

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
B-BOT-403.1	3	2	2	2	1	1	2	3	3	2	2
B-BOT-403.2	3	2	2	2	1	1	2	2	2	2	2
B-BOT-403.3	3	2	2	2	2	2	2	3	3	2	2
Average	3	2	2	2	1.3 3	1.3 3	2	2.6 6	2.6 6	2	2



B-BOT-501: CELL BIOLOGY

Course Objective: Aim of this course is to make students aware of structure and functions of a cell

Course Outcomes: At the end of the course students will be able to
B-BOT-501.1 Understand structure and composition of cell wall and cell membrane

B-BOT-501.2 Know the significance of cell organelles

B-BOT-501.3 Explain the structure of chromosomes and acknowledge various chromosomal abnormalities

CO-PO Mapping Matrix for Course Code: B-BOT-501

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
B-BOT-501.1	3	2	2	3	2	2	3	3	2	1	1
B-BOT-501.2	2	3	2	2	3	1	2	3	2	2	1
B-BOT-501.3	3	2	1	3	2	2	1	2	1	2	2
Average	2.6	2.3	1.6	2.6	2.3	1.6	2.0	2.6	1.6	1.6	1.3



B-BOT-502: MOLECULAR BIOLOGY

Course Objective: Aim of this course is to make students know about the genomic organization of living organisms, study of genes aware of structure and techniques used in molecular biology

Course Outcomes: At the end of the course students will be able to

B-BOT-502.1 Gain knowledge about the mechanism and essential component required for prokaryotic DNA replication

B-BOT-502.2 Students will learn in detail the molecular processes such as replication, transcription and translation.

B-BOT-502.3 The concept of operon and its structure and regulation.

CO-PO Mapping Matrix for Course Code: B-BOT-502

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
B-BOT-502.1	3	2	2	1	2	2	2	3	1	2	2
B-BOT-502.2	3	2	2	1	1	3	2	2	1	2	2



B-BOT-503: CELL BIOLOGY & MOLECULAR BIOLOGY PRACTICAL

Course Objective: Aim of this course is to make students know about the genomic organization of living organisms, study of genes aware of structure and techniques used in molecular biology

Course Outcomes: At the end of the course students will be able to

B-BOT-503.1 Students will be able to understand and integrate knowledge of chemical and biological principles of living systems.

B-BOT-503.2 Students will develop cell and molecular biology laboratory skills

B-BOT-503.3 They will be able to observe the division of cells with the help of practical work.

CO-PO Mapping Matrix for Course Code: B-BOT-503

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
B-BOT-503.1	3	2	1	2	2	2	2	3	2	2	2
B-BOT-503.2	3	2	1	1	2	2	2	2	2	2	2
B-BOT-503.3	3	2	3	2	2	2	2	2	2	2	2
Average	3	2	1.6 6	1.6 6	2	2	2	2.3 3	2	2	2



B-BOT-601: Economic Botany

Course Objective: The aim of this course is to provide importance of economic plants

Course Outcomes: At the end of the course students will be able to

B-BOT-601.1 Explain description and importance of various types of plants

B-BOT-601.2 Know about various types of timber

B-BOT-601.3 Study cultivation of various important plants

CO-PO Mapping Matrix for Course Code: B-BOT-601

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
B-BOT-601.1	3	3	2	2	3	3	2	3	2	2	2
B-BOT-601.2	2	3	2	2	3	2	2	3	3	2	1
B-BOT-601.3	3	2	2	3	2	2	3	2	2	2	2
Average	2.6	2.6	2.0	2.3	2.6	2.3	2.3	2.6	2.3	2.0	1.6



B-BOT-602: Biotechnology

Course Objective: The aim of this course is to provide importance of biotechnology

Course Outcomes: At the end of the course students will be able to

B-BOT-602.1 Understand the basic knowledge about tissue culture tools, medium, sterilization, and techniques of tissue culture

B-BOT-602.2 Understand the fundamentals of Recombinant DNA Technology

B-BOT-602.3 Know about the Genetic Engineering

CO-PO Mapping Matrix for Course Code: B-BOT-602

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
B-BOT-602.1	3	2	2	3	3	2	3	3	3	2	3
B-BOT-602.2	3	2	2	3	3	2	3	2	2	2	3
B-BOT-602.3	3	2	2	2	3	2	2	3	3	2	3
Average	3	2	2	2.6 6	3	2	2.6 6	2.6 6	2.6 6	2	3



B-BOT-603: Economic Botany & Biotechnology Practical

Course Objective: The aim of this course is to provide importance of biotechnology

Course Outcomes: At the end of the course students will be able to
B-BOT-602.1 Students will learn about the practical work related to media preparation.

B-BOT-602.2 Understand the fundamentals of Recombinant DNA Technology

B-BOT-602.3 Know about the Genetic Engineering

CO-PO Mapping Matrix for Course Code: B-BOT-603

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
B-BOT-603.1	3	3	2	2	3	3	3	3	3	2	3
B-BOT-603.2	3	2	2	2	3	3	3	3	2	2	3
B-BOT-603.3	3	2	3	3	3	3	2	2	3	2	3
Average	3	2.3 3	2.3 3	2.3 3	3	3	2.6 6	2.6 6	2.6 6	2	3









Course Specific Outcome
&
Programme Specific Outcomes

For
ZOOLOGY



SEMESTER-I

ZOO-101: Animal Diversity -I

Objective: To understand the taxonomic position, general characteristics, body organization and origin and evolutionary relationship of animals belonging to the invertebrate phyla Protozoa to mollusca

Course outcomes:

CO101- Students will be able to describe unique characters, recognize life functions, diversity and ecological role of invertebrate phyla Protozoa to mollusca

ZOO-102: Animal Diversity -II

Objective: To understand the taxonomic position, general characteristics, body organization and origin and evolutionary relationship of animals belonging to the invertebrate phyla echinodermata to chordates

Course outcomes:

CO102- Students will be able to describe unique characters, recognize life functions, diversity and ecological role of invertebrate phyla echinodermata to chordates



SEMESTER-II

ZOO-201: comparative anatomy and development biology of vertebrates-I

Objective: To understand comparative anatomy and general characteristics, body organization and origin evolutionary relationship of animals belonging to the cyclostomes to mammals

Course outcomes:

CO201- Students will be able to describe comparative characters, recognize life functions, and ecological role of comparison of different anatomical system in cyclostomes to mammals

ZOO-202: Comparative anatomy and development biology of vertebrates-II

Objective: To understand the different phase of embryonic development in frog and human and metamorphic event in frog life cycle and fundamental process in development.

Course outcomes:

CO202- Students will be able to describe different phase in development from fertilization to parturition and how to formation of placenta in mother body during pregnancy

ZOO-203: Practical based on Theory Papers of Semester I & II

Objective: To have practical knowledge about identification and understanding of the classification of invertebrates phyla from Protozoa up to mammals

Course outcomes:

CO203.1 Students will be capable of identifying the characters and classify different invertebrate and vertebrate species and explain their ecological and economic importance.

CO203.2 Students will be able to identify different development stages of frog, gametes of frog and human, types of placenta and endoskeleton of fowl and rabbit.



SEMESTER-III

ZOO-301: physiology and biochemistry -I

Objective: To make students understand the basic working of different system in our human body

Course outcomes:

CO301 Students will be capable of identifying the how blood circulate in our body, how oxygen reach to tissue, and how we excrete nitrogen waste from our body etc.

ZOO-302: physiology and biochemistry-II

Objective: To make students understand the structure of reproductive system of human and classification of bio-molecules, dynamics of enzymes and metabolism of glucose.

Course outcomes:

CO302: Students will be able to appreciate and explain the respiration, mechanism of action of enzyme and reproductive system of human of the human body functions.

SEMESTER-IV

ZOO-401: genetics and evolutionary biology- I

Objective: To make students capable of understand unit of heredity, chromosome and chromatin with abnormalities and know about mendelian genetics

Course outcomes:

CO401: Students will be able to explain how characters transfer from parents to offspring, and how we look like our parents.

ZOO-402: Genetics and evolution biology -II

Objective: To impart the basic knowledge of origin of earth, speciation process and different theory of evolution, fossils, phylogeny of horse, and geological time scale

Course outcomes:

CO402: Students will understand how we evolve from simple organism to complex organism and how Nature select different characters in species.



ZOO-404: Skill enhancement course Apiculture

Objective: To understand the biology of honey bee, beehive, bee diseases, and product of apiculture industry.

Course outcome:

Students will be able to rearing honey bee for production of different product made by bees and sale them in market for income source.

ZOO-403: Practical based on Theory Papers of Semester III & IV

Objective: To help students comprehend the study of permanent histological slide of mammalian gland and permanent slide of different organ and different biochemistry experiment to determine biomolecule in given sample.

Course outcomes:

CO403.1- Students will be able to identify different transverse and longitudinal section of different organ and identify given compound in sample.

CO403.2- students can solve the numerical related to mendelian genetics and identify the chromosomal abnormalities and human karyotype, homology and analogy of different organ, phylogeny of horse.

SEMESTER-V

ZOO-501: Applied zoology-I

Objective: To acquaint the students about host, parasitism, life history and pathogenicity of different organism, and prevention and control of diseases.

Course outcomes:

CO501: Students will understand the different diseases and their transmitting agent and their life cycle, with their prevention measure and different type of bacteria that cause diseases in human as well as other organism and relationship between different type of organism like commensalism, mutualism, etc.

ZOO-502: Applied zoology-II

Objective: To make students aware of biology, control and damage caused by different pest, medical importance and control of parasite, genetic improvements in aquaculture industry, poultry breeding and artificial insemination in cattle.



Course outcomes:

CO502- Students will understand the which pest damage the which part of plant, estrus cycle in cattle, processing and preservation of eggs, and induced breeding.

SEMESTER-VI

ZOO-604: Insect, vectors and diseases-I

Objective: To impart the students with the general features of insects, morphological features, carrier, vector, classification of insects, and study of mosquito borne diseases

Course outcomes:

CO601.1 Students will learn concepts of how mosquito spread different type of diseases in human and how we can protect themselves from mosquito and also they know about how diseases transmit via vector.

ZOO-605: Insect, vectors and diseases-II

Objective: To acquaint the students study of sand fly borne diseases, different type of vector, parasite, control and their prevention

Course outcomes:

CO602.1 Students will able to explain induced breeding, diseases caused by class insects members, vector, pest, carrier, and control of diseases causing agent.

ZOO-606: Practical based on Theory Papers of Semester V & VI

Objective: To develop observational, analytical and Evaluation skills related to different pest parasites and their life cycle

Course outcomes:

CO606: Students will study the common animals, tools and techniques used in applied zoology, diseases, vectors, and their control.



Course Specific Outcome
&
Programme Specific Outcomes

For

B.A. HISTORY



Department of History
Class - B.A. Ist

Semester - I

Paper - HIST (101) Ancient India (From Earliest Times to Gupta Age)

Course Outcomes

1. Students of history will acquire knowledge regarding the primitive life and cultural status of the people of ancient India.
2. They can gather knowledge about the culture, society, religion and political history of ancient India as well.
3. They will learn about the origin of the Indian empire, trade and urbanizations of ancient civilization, like Harappan, Vedic and later Vedic Civilizations etc.
4. How to develop Paleolithic, Neolithic and Chalcolithic cultures.
4. Students also learn about Harappan Civilization, Vedic Culture, Jainism, Buddhism, Mauryan, Post Mauryan Age and Gupta Period.

Semester - II

Paper - HIST (102) History of India (600 - 1526 AD)

Course Outcomes

1. They can achieve knowledge how to develop Indian feudalism and evolution of the political structure of early-medieval north and south India.
2. They can learn how the conquering of Islam had initiated in India and had transformed of Indian culture, society, religion and agrarian structures under the Islam power of medieval India.
3. They will achieve knowledge about the religious and cultural changing scenarios after the advent of the Islam in India.
4. They will gather knowledge the Sultanate of Delhi.



Class - B.A. (2nd Year)

Semester - III Political
Paper - HIST(201) History of India III (1526-1857 AD)

Course Outcomes

1. They acquire knowledge towards the Struggle for Empire in North-Western India and foundation of the Mughal Rule in India.
2. They will learn about how the Regional Powers had been raised in different parts of India after downfall of the Mughal Empire of Delhi. They can gather knowledge to the downfall of the Mughal Empire only lack of unity among the Mughal countries and resulted to raise provincial kingdoms in Bengal, Hyderabad, Ayodhya, Mysore and Maratha in Western India.
3. They learn how to establish the Company's Rule in India after the battle of Plessey and Buxar.
4. They will learn about the uprising of 1857.

Semester - IV
Paper - HIST (203) Indian National Movement (1858-1947)

Course Outcomes

1. They will learn the real historiography of Indian Nationalism; Birth of Indian National Congress, The Moderates and the Extremists, Partition of Bengal, the Swadeshi movement in Bengal in 1905.
2. They can acquire knowledge how to rise of Gandhi's power in Indian politics and his activities towards the freedom like, Rowlatt Satyagraha, Khilafat and Non-cooperation movement, The Swarajya party, Poona Pact, Civil Disobedience Movement, Quit India movement.
3. They also learn how to raise communal politics and opposition politics on the eve of the freedom movement in India and on partition in India.
4. They can acquire knowledge about the area and centres of movements like, Khilafat and Non-cooperation movement, Rowlatt Satyagraha and they can learn about the Places of important sessions of Indian National Congress.



Class - B.A. IIIrd

Semester - Vth
Paper - HIST (302) - Rise of Modern World (Option - II)

Course Outcomes

1. Students of history will learn about the rise of the modern world and transition the society and economy from Feudalism to Capitalism.
2. They will learn how to rise of Renaissance in Italy and spread of humanism in Europe and results of the Reformation in the 16th century and Shift of economic balance from the Mediterranean to the Atlantic, Commercial Revolution, influx of American silver and the Price Revolution.
3. They gathered knowledge towards the emergence of European state system like Spain, France and England.
4. They will also learn about Agriculture and Industrial Revolution.

Semester - Vth
Paper - HIST (301) - Modern World (Option - I)

Course Outcomes

1. This paper focused on the great French Revolution in 1789, and American Revolution.
2. Students come to know about the First World war and Paris Peace Settlement.
3. They can also know about the Second World war and they learn the about the Nazism and Fascism.
4. Students can acquire knowledge about the countries they involve in first world war and second World - war.



Course Specific Outcome
&
Programme Specific Outcomes

For
B.A. POLITICAL SCIENCE



Department of Political Science.
B.A Course (Course Outcomes)

➔ POL-SCI- Indian Constitution.

Course Outcomes:- At the end of this course, the student will have:

UG POL 1.1 - Knowledge of sources and characteristic features of Indian Constitution.

UG POL 1.2 - Knowledge of executive organ of Indian Government as provided in the Constitution.

UG POL 1.3 - Knowledge of Legislative organs of Centre as well as state govt including law making procedure.

UG POL 1.4 - Understanding of functions and recent debates regarding Indian judiciary.

➔ POL-SCI- Indian Political Thinkers.

Course Outcomes At the end of this course the student will be able to :-

UG POL 3.1 - Analyze the social and Political thought of Raja Ram Mohan Ray and Swami Dayanand Saraswati.

UG POL 3.2 - Understanding the thinkers Dada Bhai Naoroji and Gopal Krishna Gokhale.

UG POL 3.3 - Critically evaluate the idea of Swami Vivekanand and Aurobind Ghosh.

UG POL 3.4 - Understanding the extremist ideology of Bal Gangadhar Tilak and Lala Lajpat Ray.



→ UG POL 5 Comparative Politics

Course Outcomes :- At the end of the semester students will be able to:

- UG POL 5.1 :- Have acquaintance with the introduction of comparative politics, its approaches and methods.
- UG POL 5.2 :- Understanding important approaches like Input-output, structural-functional etc. of Comparisons.
- UG POL 5.3 :- Comprehensively understanding the concept and nature of Constitutionalism.
- UG POL 5.4 :- Understand the constitutional structure and functioning by studying three organs of the govt.

→ UG POL 2 Indian Politics

Course Outcomes :- Having studied this course, student will be able to:

- UG POL 2.1 :- Comprehend the functioning of federalism by focusing on the working of centre-state relations and emerging trends.
- UG POL 2.2 :- Know about the electoral processes ranging from the functioning of election commission to various electoral reforms and challenges.
- UG POL 2.3 :- Understand party politics and working in Indian Politics.
- UG POL 2.4 :- analyse the role of caste language and regionalism in politics in India and ways to tackle the challenges arising from it.



→ UG POL 4 - India. Political Thinkers

Course Outcomes:- At the end of the semester, students will have knowledge of :-

UG POL 4.1:- Ideas of J. P. Narayan and Ram Manohar Lohia

UG POL 4.2:- thoughts of Mahatma Gandhi and M. N. Roy

UG POL 4.3:- thoughts of Jawaharlal Nehru and B. R. Ambedkar.

UG POL 4.4:- thoughts of ~~Subhash~~ Subhash Chander Bose and Bhagat Singh.

→ Comparative Constitutions of UK & USA

→ Course Outcomes:- At the end of the semester, students will have :-

UG POL 6.1:- Knowledge of the historical evolutions, basic, nature and feature of both the constitutions.

UG POL 6.2:- ability to assess the differences between the three organs of both the govt.

UG POL 6.3:- Understanding on the role of various dynamic aspects of the govt such as political party, pressure groups etc.

UG POL 6.4:- Knowledge of the electoral process and behavior along with trends in both the countries.



Department of Political Science

B.A Course

Programme Outcomes (POs)

UG POL POs 1 :- The student will be able to have an in depth understanding of theoretical and conceptual underpinnings of politics to examine political behavior.

UG POL POs 2 :- The student will be able to develop the ability to comprehend and analyze political phenomena.

UG POL POs 3 :- The students shall acquire the capacity to observe the politics through various perspective.

UG POL POs 4 :- The students will be able to comprehend and critically challenges inherent in political system

UG POL POs 5 :- The students shall be able to understand the international politics and the character of political institutions working in the country.



Course Specific Outcome
&
Programme Specific Outcomes

For

B.A. SANSKRIT



कार्यक्रम विशिष्ट परिणाम बी० ए०

- P01:- संस्कृत भाषा का ज्ञान
- P02:- गीता के द्वारा भावनात्मक बुद्धिमत्ता विकसित करना।
- P03:- हितोपदेश, नीलेशतक के माध्यम से छात्रों का नैतिक दृष्टिकोण विकसित करना।
- P04:- संस्कृत भाषा द्वारा शुद्ध उच्चारण और शक्ति का बढ़ाना।
- P05:- नारी की गरिमा, मजबूत भावना के साथ उसके सम्मान को प्रदर्शित करना।
- P06:- लक्ष्य की प्राप्ति में स्वतंत्रता पूर्वक आत्म-प्रदर्शन, रचनात्मकता और जीवन की समस्याओं का समाधान करने का सागर्य प्रदान करना।
- P07:- भाषा को स्पष्ट रूप से बोलने, लिखने, पढ़ने, सुनने की योग्यता विकसित करना।

P0



बी.ए. प्रथम-वर्ष (संस्कृत ऐडिजिंक)

सेमेस्टर - प्रथम, पाठ्यक्रम परिणाम

- C.O.1 → 'नारायण पण्डित' द्वारा रचित 'द्वितीयपदेश' के माध्यम से नीतियों, धार्मिक तथ्यों से विद्यार्थियों को अवगत करना।
- C.O.2 → नीतिशतक के माध्यम से विद्यार्थियों को नैतिक शिक्षा से अवगत करना।
- C.O.3 → शब्द रूप, धातु रूप की जानकारी प्राप्त करेंगे।
- C.O.4 → सन्धि के माध्यम से वर्ण-मेल व वर्ण-विच्छेद विद्यार्थियों को प्रदान करना।

द्वितीय-सेमेस्टर

- C.O. 1 → श्रीमद्भगवद्गीता के द्वितीय अध्याय (सांख्य-योग) की जानकारी विद्यार्थी प्राप्त करेंगे।
- C.O. 2 → नीतिशतक के माध्यम से सज्जनों के गुण व दुर्जनों के दुर्गुणों से अवगत करवाना।
- C.O.3 → शब्द रूप, धातु रूप के माध्यम से लिंग, वचनों की जानकारी प्राप्त करवाना।
- C.O.4 → छन्दों के माध्यम से गण योजना, पति, विराम तथा अनुवाद्य की सामान्य जानकारी से विद्यार्थियों को अवगत करना।



बी.ए. द्वितीय वर्ष (संस्कृत शैक्षिक)

सेमेस्टर - तृतीय

पाठ्यक्रम-परिणाम संस्कृत - शैक्षिक

- C.O. 1 → महाकवि भास का जीवन परिचय उनकी रचनाएँ, एवं पञ्चरात्रम नाटक का विशिष्ट अध्ययन विद्यार्थियों को कराना ।
- C.O. 2 → नाटक में प्रयुक्त पारिभाषिक शब्द व संस्कृत गद्य साहित्य के काणभट्ट, दण्डी, सुबन्धु, अम्बिकादत्त व्यास विष्णु शर्मा आदि के जीवन का सामान्य अध्ययन विद्यार्थियों को कराना ।
- C.O. 3 → समास व कृत प्रत्यय की विशिष्ट जानकारी विद्यार्थियों को कराना ।
- C.O. 4 → प्रत्याहार सूत्रों की जानकारी तथा संस्कृत पत्र-लेखन कौशल विद्यार्थियों को कराना ।

चतुर्थ सेमेस्टर

- C.O. 1 → महाकवि कालिदास द्वारा रचित रघुवंशमहाकाव्य के द्वितीय अध्याय का विशिष्ट अध्ययन विद्यार्थियों को कराना ।
- C.O. 2 → अम्बिकादत्त व्यास कृत 'शिवराजविजय' के प्रथम निःशवास का विशिष्ट अध्ययन विद्यार्थियों को कराना ।
- C.O. 3 → संस्कृत व्याकरण के वाच्य, लङ्गित प्रत्यय, णिजन्त तथा सन्तत धातुओं का विशिष्ट अध्ययन विद्यार्थियों को कराना ।
- C.O. 4 → संज्ञा प्रकरण की जानकारी तथा अनुवाद का सामान्य अध्ययन विद्यार्थियों को कराना ।



डी.ए. वृत्तीय संघ
सेमेस्टर नवम (संस्कृत सौख्यिक)

पाठ्यक्रम परिवर्तन-

- Q01. अभिज्ञान शाकुन्तल का सामान्य परिचय से विद्यार्थियों को -
ठकगत करना ।
- Q02. राजा दुष्यन्त एवं शाकुन्तला की प्रसिद्ध प्रेम कथनी से -
विद्यार्थियों को प्रतिनापित्व से अलगत करना ।
- Q03. संज्ञा प्रकार में माद्वैत्वर सूत्रों से विद्यार्थियों को अलगत
कराना ।
- Q04. कृत प्रथम एवं लिङ्गों का ज्ञान विद्यार्थियों को करना ।

सेमेस्टर षष्ठ

- Q01. अभिज्ञान के षष्ठ एवं सातम संको के माध्यम से
सूत्र की गरिमा से विद्यार्थियों को अलगत करना ।
- Q02. मज्जुत गाथों के साम-साम उनके सामान की
प्रवर्धित करना ।
- Q03. अभिज्ञान की स्मृती एवं सूत्री प्रथम से विद्यार्थियों
को अलगत करना ।
- Q04. निबन्ध से विद्यार्थियों को अलगत करना ।



बी.एड प्रथम वर्ष
सेमेस्टर प्रथम
संस्कृत-अभिव्यक्ति

पाठ्यक्रम-परिचय

- C.O.1 → पद्य के माध्यम से ईश्वर स्तुति, रामायण व अन्य नैतिक विषयों का ज्ञान विद्यार्थियों को करना ।
- C.O.2 → संस्कृत गद्यों के माध्यम से अनुशासन, उत्तम आचरण की जानकारी विद्यार्थियों को करना ।
- C.O.3 → संस्कृत-व्याकरण के शब्द रूप, धातु रूप के माध्यम से लिंग वचन की जानकारी विद्यार्थियों को करना ।
- C.O.4 → सन्धि के माध्यम से वर्ण-मेल, वर्ण-विच्छेद की जानकारी विद्यार्थियों को करना । तथा कठस्थ श्लोक करना ।

द्वितीय-सेमेस्टर

- C.O.1 → संस्कृत पद्यों के माध्यम से दण्ड का महत्व, बुद्धि की स्थिति, नीति आदि अनेक विषयों की जानकारी विद्यार्थियों को करना ।
- C.O.2 → संस्कृत गद्यों के माध्यम से इन्द्रियजप, छल-कपट, अतिभोग आदि अन्य विषयों की जानकारी विद्यार्थियों को करना ।
- C.O.3 - स्वर, व्यंजन, विसर्ग सन्धि का ज्ञान विद्यार्थियों को करना ।
- C.O.4 - अनुवाद का सामान्य अध्ययन विद्यार्थियों को करना ।



बी.ए. द्वितीय वर्ष
(सैमेस्टर तृतीय (संस्कृत अतिरिक्त))

पाठ्यक्रम परिवर्तन :-

- C.O.1 - कदाकवि शास का जीवन परिचय तथा चारुदत्त का विशिष्ट अध्ययन विद्यार्थियों को कराना ।
- C.O.2 - प्रथम, द्वितीय अंक में चारुदत्त के जीवन का विशिष्ट अध्ययन विद्यार्थियों को कराना ।
- C.O.3 - समास का सामान्य परिचय व अव्ययीभाव का विशिष्ट अध्ययन विद्यार्थियों को कराना ।
- C.O.4 - कृत प्रत्यय का विशिष्ट अध्ययन विद्यार्थियों को कराना ।

चतुर्थ-सैमेस्टर

- C.O.1 - चारुदत्त व वसन्तसेना का जीवन परिचय विद्यार्थियों को कराना ।
- C.O.2 - 'चारुदत्तम्' के तृतीय, चतुर्थ अंक का विशिष्ट अध्ययन विद्यार्थियों को कराना ।
- C.O.3 - विजन्त, सन्नत धातु तथा समास का सामान्य अध्ययन विद्यार्थियों को कराना ।
- C.O.4 - अनुवाद का सरल व सामान्य अध्ययन विद्यार्थियों को कराना ।



बी. ए. तृतीय वर्ष

सेमेस्टर पंचम (संस्कृत अनिवार्य)

पाठ्यक्रम परिणाम

- C01. नीतिशतक के माध्यम से बच्चों को नैतिक शिक्षा से अवगत कराना।
- C02. मर्तुहरीर का परिचय और उनकी रचनाओं से अवगत बनाना।
- C03. संस्कृत साहित्य में वाल्मीकि, अश्वघोष, कालिदास, भवभूति, नारायण पण्डित द्वारा रचित काव्यों से छात्रों को अवगत कराना।
- C04. कारक विभक्ति के माध्यम से छात्रों को अनुवाद सिखाना।

सेमेस्टर षष्ठ (संस्कृत अनिवार्य)

- C01. पं० अम्बिकाकाव्य्यास के जीवन और उनकी उपलब्धियों की जानकारी।
- C02. शिवराजविजय के माध्यम से छात्रों को मातृभूमि के प्रति प्रेम, राजा की प्रजावत्सलता, प्रजा की राजवृत्ति, धार्मिक और राष्ट्रीय भावनाओं से ओत-प्रोत किया जाता है।
- C03. महीर्षि वेदव्यास, जयदेव, बभ्रुवर्धन, विष्णुशर्मा, मर्तुहरीर के बारे में बतकर प्राचीन साहित्य से जोड़ना।
- C04. उपपद विभक्ति द्वारा माध्यम से समझाने छात्रों को अनुवाद सिखाना।



बी.एस.सी. द्वितीय वर्ष
सेमेस्टर - तृतीय
संस्कृत - अनिवार्य

पाठ्यक्रम परिवाम

- C.O.1 - संस्कृत पद्यों के माध्यम से सज्जनों के आचरण का वर्णन, श्री राम के आदर्शों की जानकारी विद्यार्थियों को कराना।
- C.O.2 - संस्कृत गद्यों के माध्यम से बुद्धि-बल, अनुशासन की जानकारी विद्यार्थियों को कराना।
- C.O.3 - शब्द रूप के माध्यम से लिंग, वचनों की जानकारी विद्यार्थियों को कराना।
- C.O.4 - अन्व संघि का विशिष्ट अध्ययन विशिष्ट जानकारी विद्यार्थियों को कराना।

सेमेस्टर - चतुर्थ

- C.O. 1 - संस्कृत पद्यों के माध्यम से बुद्धि की स्थिरता, नीतियों के सुन्दर वचन आदि विषयों की जानकारी विद्यार्थियों को कराना।
- C.O.2 - संस्कृत गद्यों के माध्यम से दुर्जनों का संग भयावह तथा इतरो के अधिकार का त्याग की जानकारी विद्यार्थियों को कराना।
- C.O.3 - धातु रूप के माध्यम से वचन, पुरुष का जान कराना।
- C.O.4 - अन्व संघि का विशिष्ट अध्ययन विद्यार्थियों को कराना।



Course Specific Outcome
&
Programme Specific Outcomes

For

B.A. HINDI(ELECTIVE)



(1)

कक्षा- बी. ए.द्वितीयवर्ष समे स्तर -प्रथम और द्वितीय

द्वय-द्विीं ऐच्छिक पाठ्यक्रम परणाम

1. य5 पाठ्यक्रम छात्रि के ददिकरण करद्वकद्वस्तकरने तथा आत्मद्ववश्वास जगाने में स5ायक 5ै ।
2. भच्छि कालीन कद्ववयरिं की भच्छि से सबद्वितिंिं ज्ञान से छात्ाओं कर अवगत करवाना ।
3. क5ाद्वनयरिं के माध्यम से मानवीय मूल्य एविं सवदनाेिं से पररद्वित करवाना ।
4. द्वदीिं साद्वत्यके आि द्व न कु काल की पष्ठभू द्मतथा साद्वच्छयक बदलावरिं की जानकारी प्रदान करते हुए छात्ाओं में सवदनात्मकेिं द्वितनिं का द्वकसकरना द्दए ।
5. रीद्वतकालीन कद्ववयरिं की द्वक -वदनाे , प्रमे भावना आद्वद सवदनाओिं का ज्ञानकरवाना ।

कायकष म द्वद्विपरणाम

1. ऐच्छिक द्वदीिं िा रा छात्ाओं के भारा सबीिंिं रुद्वि कर प्रभावाली

बनाना ।

2. िद्धु लखने और उच्चारण की यरग्यता करबढाना के

3. ऐच्छिक द्वदीिं काव्य कल्पना ससारिं का



(2)

बी.ए. (प्रथम वर्ष) (प्रथम व द्वितीय सेमेस्टर)

द्वय- द्विं दी ऐच्छिक (पाठ्यक्रम पररणाम)

1. छात्रिं करद्विं दी भार्ा पर पकड़ बनाना और उन्हें भार्ा के द्वकस और मत्व करबताना ।
2. द्विं दी साद्वत्य के आद्वकाल तथा साद्वत्य लेखन परिं परा के साथ-साथ 'रासर' की प्रवृद्विरिं का ज्ञानकरण ।
3. भच्छि कालीन कद्वयरिं की भच्छि से सिं बिंद्वित ज्ञानसे छात्रिं कर अवगत करवाना ।
4. य5 पाठ्यक्रम छात्रिं के दद्विकरण करद्वकद्वस्तकरणे तथा आत्मद्वश्वास जगाने में स5ायक 5ै ।
5. भारतीय सिंस्कृ द्दत और पृष्ठभूद्वम कर समझने में स5ायता करता 5ै ।
6. द्दमपलाउपन्यास मध्यगीय िेतना का द्द्विण 5ै इसके माध्यम से द5ेज प्रथा तथा अनमेल द्दवा5 की त्ासदी का वणषण 5ै ।

कायषक्रम द्द्विं पररणाम

1. ऐच्छिक द्विं दी िारा छात्रिं के भार्ा सिं बिं िी रुद्वि कर प्रभाविली बनाया जाता 5ै ।
2. िुद्व लेखन और उच्चारण की यरग्यता कर बढाना ।
3. काव्य कल्पना सिंसार का ज्ञानदेने में स5ायक 5ै ।
4. नैद्वक और मानवीय मूल्य सुद्वढ 5रते 5ै ।
5. द्द्वत्रिं मों तथा सिंप्रदायरिं के साथ प्रेम पूवषकर5ना सीखते 5ै ।



(3)

बी. ए. (तृतीय वर्ष) (तृतीय वितरण) समे (स्तर)

द्वितीय (कायक्रम) पररणाम)

1. 'समकालीन काव्य प्रभास' द्वितीय कदवता की पष्ठभू द्वमसे छात्ाओ पररद्वित करवाना।
2. 'समकालीन काव्य प्रभास' कदवताओं के अध्ययन से छात्रों के द्दिकरण का द्वकस करना तथा उनमें समाज के प्रद्वत अपनी द्वजमदस्थरे िं कर समझने तथा आत्मद्वश्वास कर जगाने में मदद करना।
3. द्वर्दीं साद्वत्यका इद्वतसागद्यके माध्यम से छात्ाओं कर आिुद्वनक काल में द्वर्दीं भार्ा की साद्वत्यके द्वद्वन्नद्विओं के माध्यम से साद्वच्छकबदलाव के जानकारी प्रदान करते हुए छात्ाओं में सवदनात्मकेिं द्वितनिं का द्वकस करना।
4. साद्वत्य लरिन के माध्यम से छात्ाओं कर काव्यास्त्र के द्वद्वन्न काव्य के आरिं िं से पररद्वित करवा कर उनमें काव्य रुद्वि और द्वितनिं द्वकद्वस्त करना।

कायक्रम म द्वद्विपररणाम

1. काव्य साद्वत्यका मत्वपणषू अगिं 5ै इसद्वलए काव्य साद्वत्यकर

प्रकार समझने में सहायता करता 5ै।

2. काव्य कलाकारों का नामने में सहायता करता 5ै।

Course Specific Outcome
&
Programme Specific Outcomes

For

B.A. PUBLIC
ADMINISTRATION



Department of Public Administration

Programme outcomes (POs)

B.A Course

U.G. P.V.B.A 1.1:-

Students will be able to lead and manage in public governance.

U.G. P.V.B.A 1.2:- Students will participate in and contribute to the policy process.

U.G. P.V.B.A 1.3:- Students will be able to analyze, synthesize, think critically, solve problems and make decisions.

U.G. P.V.B.A 1.4:- Students will articulate and apply a public service perspective.

U.G. P.V.B.A 1.5:- Students will be able to communicate and interact productively with a diverse and changing workforce and citizenry.

B.A Public Administration

Course outcome, (Ist Semester)

B.A :-101 - Elements of Public Administration

Course outcome:-

At the end of this course, the students will have,

U.G. P.A 1.1 - ~~101~~ Awareness about the evolution and growth of the discipline of Public Administration.

U.G. P.A 1.2 - Learning of basic principle and approaches of Public Administration.

U.G. P.A 1.3 - Theoretical Clarity of Basic Concepts and dynamics relating to Public Admn.

U.G. P.A 1.4 - Demonstrate critical thinking and communication skill as applied to the public and private sectors.

3rd) B.A 201 Public Financial Administration.

Course out come: At the end of this course, the students will have.

U.G. P.A 3.1 - Knowledge of various aspects of Financial Admn. in general and in the Indian context in particular

U.G. P.A 3.2 - understanding budgeting, financial Administration and financial resource mobilization strategies in the Indian context.

U.G. P.A 3.3 Comprehending system and dynamic of Indian Fiscal federalism.

U.G. P.A - 3.4 - Deep understanding of the role of C.A.G. in financial Administration.

(5th): B.A. 301 Rural local governance

Course outcome:- At the end of the semester students will have:

U.G. P.A 5.1 - Acquiring the theoretical knowledge and understanding of the evolution and growth of local government in India.



F. C. College for Women, Hisar

Class:

Subject

Roll No.:

U.G. P.A S.2 - Gaining insights about composition, role, functions and resources of Panchayati Raj Institutions

U.G. P.A - S.3 - Understanding the structure and working of rural and urban development programme.

U.G.P.A - S.4 - Exploring the role, importance and control of state finance Commission over the local bodies.

nd) P.A 102: Basics of Public Administration.

Course outcome: - At the end of the semester students will be able to.

U.G. P.A. 2.1 - After reading this paper, one would be able to explain and understand the Basic principles.

U.G. P.A 2.2 - Students will be in position to clearly understand traditional and modern techniques of Administration.

U.G. P.A. 2.3 - to understand the problems of Administration.

th. P.U.B.A 202: Public Personnel Administration

Course outcome: - At the end of this Semester Students will have.



V.G. P.A 4.1 - Conceptual Clarity of Personnel Administration, its issues, Career systems and other terms covering various aspects of personnel Admin.

V.G. P.A 4.2 - Detailed understanding of personnel system and its related recruiting agencies of the Indian Republic

V.G. P.A 4.3 - Critical understanding of issues like Employee associations, Adjudicatio institutions and processes and Civil Service Reforms.

6th. P.V.B.A - 302
Citizen Centric governance

Course Outcome: At the end of this Semester Students will have.

V.G. P.A 6.1 - It will provide insight and understanding to create and plan the delivery of highly challenging public sector policies successfully.

V.G. P.A 6.2 - It analyses the many, and often conflicting strategic priorities within the public sector.

V.G. P.A 6.3 - Discuss the fundamental requirements of a structured, strategic planning process.



Course Specific Outcome
&
Programme Specific Outcomes

For

B.A. SOCIOLOGY



DEPARTMENT OF SOCIOLOGY

B. A

PROGRAMME OUTCOMES (POs): -

- PO 1: Demonstrate a detailed knowledge & understanding of selected fields of study in core disciplines in the humanities, social science & language.
- 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 & cultural contexts that produced them.
- PO 6: Communicate effectively & show ability to read, write, listen to and speak in a chosen languages 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 students would be able to understand the basic concept, growth and significance of the discipline.

POS 2: The program would provide the critical reasoning and analysis of key issues, alongwith different concept of sociology.

POS 3: The students would be able to apply the theoretical interpretations to society as well as they will acquire skill to identify social issues through scientific enquiry.

POS 4:- The students would be able to understand society, human behaviour and various social problems in the light of sociological perspectives.



SEMESTER - I

BASIC CONCEPT IN SOCIOLOGY

Course Outcomes (COs)

- B-SOC 1. Students will be able to understand the Nature, Scope & development of sociology, Relationship with other social science.
- B-SOC 2. Students will learn about the basic concept of sociology.
- B-SOC 3. Students will be able to understand the social process & social groups.
- B-SOC 4. Students will gain knowledge about social institution, marriage, family.

SEMESTER - II

Society, Culture & Social Change

- B-SOC 1. Students will be able to understand the Types of Society Tribal, Rural, Urban & Industrial Society.
- B-SOC-2. Students will be able to knowledge to culture, socialization, social control.
- B-SOC-3. Students will learn about the process of social change, Modernization, Globalization, Secularization.
- B-SOC-4. Students will be able to knowledge social-stratification, Caste, Class, Power & Gender.



SEMESTER - IIIrd (B.A. 2nd year)

Methods of Social Research

Course outcomes (Cos)

- B-SOC. 1 Students would know about the basic understanding of Social Research & Scientific Methods.
- B-SOC. 2 Students would be able to explain various Methods and techniques of data Collection.
- B-SOC. 3 Students would be able to understand Hypothesis, Research design. Sampling Methods.
- B-SOC. 4 Students would acquire a skill in Measure of Central Tendency & data analysis Process in details.

Semester - IVth

Social Problems in India

- B. SOC I The students would learn about basic concepts of Social Problems.
- B. SOC 2. The students would be acquainted with different Problem, SC class & Minorities.
- B. SOC 3. The students would learn about Problem Related to Indian Society. Problem of aged, Domestic Violence, Divorce etc.
- B. SOC. 4 The students would learn about contemporary issues Related with social Problems.



SEMESTER - 5th (B.A. IIIrd year)
Foundation of Sociological Thought

- B. Soc 1 The students would learn about various aspects and role of positivism in sociology as a discipline.
- B. Soc 2 The students would learn about the functionalist perspective in sociology in the opinion of its pioneers.
- B. Soc 3. It will help the students to understand conflict perspective to study social phenomenon.
- B. Soc 4 Students will acquire insight into interpretative understanding of society.

Semester - 6th (B.A)

Rural society - Structure & Change

- B. Soc. 1 Students would be able to understand the introductory concepts about the Rural Society.
- B. Soc. 2. Students would be acquainted with Rural social structure.
- B. Soc. 3. It will provide an understanding of Rural economy and trends of change in Rural society.
- B. Soc. 4. Students will understand Rural Political Structure & Status of Women in Rural India.



Course Specific Outcome
&
Programme Specific Outcomes

For

M.A. SOCIOLOGY



DEPARTMENT OF SOCIOLOGY
M.A 1st Sem.

PROGRAMME OUTCOMES (PO'S)

- PO1: 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.
- PO2: PROBLEM SOLVING:- Visualize, conceptualize, articulate and solve complex problems through experimentation and observation using theoretical framework of social science disciplines.
- PO3: 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.
- PO4: SCIENTIFIC ENQUIRY:- Develop the capability of defining problems, formulate hypothesis, collect relevant data, develop empirical evidence and disciplines the results of such analyses.
- PO5: USAGE OF ANALYTICAL TOOLS:- Develop the ability to apply appropriate quantitative/qualitative techniques used in social science disciplines along with ICT, softwares etc.
- PO6: SPECIALIZATION AND EMPLOYABILITY:- Develop deeper understanding, creativity, originality, analytical and critical skills in chosen specialized area of social science and beyond.



- PO7: **Interdisciplinary KNOWLEDGE & ADAPTATION**:- Enhance ability to integrate as well as synthesize the acquired knowledge within the social sciences and beyond.
- PO8: **SELF DIRECTED LEARNING**:- Develop the ability to work independently as well as effectively in the changing environment.
- PO9: **ETHICS**:- Articulate and apply ethics, values and ideals that demonstrate awareness of current society challenges.
- PO10: **LEADERSHIP**:- Build skills to work as part of a team and lead others, setting directions and formulating inspiring vision.
- PO11: **COMMUNICATION**:- Communicate conclusions, interpretations and implications clearly, concisely and effectively, both orally and in writing for different types of audiences.
- PO12: **PROJECT MANAGEMENT**:- Use investigative skills necessary for conducting disciplinary projects research document/term papers etc.

PROGRAMME SPECIFIC OUTCOMES (PSOs):-

- PSO1: The students would be able to have broad understanding & need of discipline in different phase of development of society.
- PSO2: The Program would provide the critical reasoning understanding and analysis of key issues and concept in the discipline.
- PSO3: The students would be able to understand the various theoretical alternatives for the sociological interpretation in understanding the social 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.



M. A. (Pre.) Sociology - Sem. I
M-SOCC-001 PAPER :- GENERAL SOCIOLOGY

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.

→ M-SOCC-002-Paper-SOCIOLOGICAL THEORY-I

M-SOCC-002: 1. Student 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.



M-SOCC-003 (Compulsory) - RESEARCH METHODOLOGY-I
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.

→ M-SOCE-011 (Elective) Rural SOCIOLOGY.

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.
- M-SOCE-011:4. Students will know about different social problems of rural area.



SOCE-015 (Elective) SOCIAL PROBLEMS
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-015.3. Students will get a sense of gender discrimination and woman's protections.
- M-SOCE-015.4. Students will learn about different forms of deviant behaviour.



Semester - 2nd

M.A. (Previous)

Sociological Theory -

Course outcomes

- M-Socc-1 - The students will gain knowledge of exchange theories & everyday life approach.
- M-Socc-2 Students will be able to understand critical theory of Frankfurt school and will understand comparative analysis of different critical social thinkers.
- M-Socc-3 Students will get an insight into theories of structuralism and post-structuralism.
- M-Socc-4. Students will be acquainted with different perspective on Indian society.

Indian Society & Culture

Course outcomes

- M-Socc-1. Students will be introduced to the historical moorings of Indian society with the continuity and contradiction through the centuries.
- M-Socc-2 Students will know about different forms of social stratification in Indian society.
- M-Socc-3. Students will understand the basis of social movements and protests.
- M-Socc-4. Students will familiarize with various social institutions of Indian society and changes in its.



M. A. (Previous) -
Semester - 2nd

M. SOCE - 020 (elective) Criminology

Course outcomes

- M. SOCE - 01. Students will be familiarized with Criminology, as a discipline and get a skill to handle Crime Statistics.
- M. SOCE - 02. Students will acquire knowledge of theoretical perspectives applied in Criminology
- M. SOCE - 03. Students will understand various forms of crimes.
- M. SOCE - 04. Students will become proficient in correctional approaches and control mechanisms to handle crime.



M.A (Previous)

Semester - 2nd

Course outcome Research Methodology - II

- M.SOC-1 Students will get an exposure to qualitative and quantitative types of Research.
- M.SOC-2 Students will acquire a skill to handle and process the sociological data and its analysis.
- M.SOC-3 Students will become competent in dealing with normally distributed data as well as divergence from normality. In addition to this, students will be able to correlate different variables.
- M.SOC-4 Students will be proficient in different tests of significance commonly used in sociological statistical techniques.

M.SOC(Elective) Sociology of Populations studies

Course outcomes

- M.SOC-1 students will understand meaning, Nature & Importance of Population Studies.
- M.SOC-2. Students will be acquainted with Pioneers of Population studies and their theories.
- M.SOC-3 students will gain knowledge of basic concepts of demography and will become proficient into their measurement.
- M.SOC-4. Students will get an insight about demographic structure of India and its challenges.



DEPARTMENT OF SOCIOLOGY

M.A. 3rd SEMESTER

→ M-SOCC-007 (COMPULSORY) ADVANCED SOCIAL THEORY TRENDS

Course Outcomes-

- M-SOCC-007:1. Students will be an insight integration of micro and macro social theories.
- M-SOCC-007:2. Students will be able to understand different sphere of 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.

Course outcomes

→ M-SOCE-021 (Elective) GENDER AND SOCIETY

Course outcomes

- M-SOCE-021:1. Student will get insight about the concept of sex and gender along with process of construction of gender.
- M-SOCE-021:2. Students will be acquainted with the theories and movement pertaining to gender relations.
- M-SOCE-021:3. Students will get a sense of related to gender discrimination.
- M-SOCC-010:2. Students will gain insight into theories of development



M-SOCE-021:3. Students know about the status of women in contemporary India.

→ M-SOCE-025 (Elective) SOCIAL CHANGE AND DEVELOPMENT

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 of development and underdevelopment.

→ M-SOCE-027 (Elective) SOCIAL CHANGE AND SOCIAL MOVEMENTS IN INDIA

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 familiarized with contemporary social change in Indian society.



M-SOCC-010:3. Students will understand the role of econo in development along with emerging trends.

M-SOCC-010:4. Students will be able to analyse the relations between social structure and development.

→ M-SOCE-029 (Elective) CULTURAL STUDIES

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 perspective 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 production and consumption of the culture.

→ M-SOCE-030 (elective) ENVIRONMENT AND SOCIETY

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 environment factors.



1-SOCE-030:3. Students will be familiarized with various environment movement in India.

M-SOCE-030:4. Students will know about green politics and programs.

→ M-SOCE-034 (elective) PERSPECTIVES ON INDIAN SOCIETY

Course Outcomes

M-SOCE-034:1. Student will get an insight about text view and Ideological approach to understand social systems.

M-SOCE-034:2. Student 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 Marxism perspective to analyse Indian Social structure.

M-SOCE-034:4. Students will acquire understanding of subaltern perspective in terms of analyzing Indian social systems.



Course Specific Outcome
&
Programme Specific Outcomes

For

M.A. SANSKRIT



रुम-२० (कार्यक्रम विशिष्ट परिणाम)

- P01: वैद्यों में उचित शैक्षणिक और वैज्ञानिक ज्ञान।
- P02: भारतीय दर्शन सभ्यता और काव्यशास्त्रीय ग्रन्थों का ज्ञान।
- P03: वैदिक ज्ञान, साहित्य और काव्यशास्त्रीय ग्रन्थों का ज्ञान।
- P04: देव स्तुति और सृष्टि प्रक्रिया का ज्ञान।
- P05: भारतीय कला और विरासत का आधुनिक तकनीकी में योगदान।
- P06: विविध संस्कारों और विचारधाराओं का ज्ञान।
- P07: लोक परम्पराओं, प्रथाओं, कर्तव्यों का ज्ञान।
- P08: अन्न प्रक्रिया के द्वारा मानसिक - शारीरिक रोग निवारण।
- P09:- मनुस्मृति में प्राचीनतम संविधान एवं धर्म-ग्रन्थों का ज्ञान।
- P010। प्राचीन संस्कृति के अनुसार 16 संस्कारों का अध्ययन करना।
- P11:- संस्कृत साहित्य में विद्यमान तत्कालीन सामाजिक, राजनीतिक एवं दार्शनिक ज्ञान को विकसित करना।



एम.ए. प्रथम वर्ष (संस्कृत)
प्रथम सेमेस्टर (प्रथम पेपर)

पाठ्यक्रम परीणाम

- Q01- वैदिक संहिता के माध्यम से अग्नि, सविता, विष्णु, इन्द्र, रुद्र, बृहस्पति, कृषा एवं सौम्य देवताओं का वर्णन, उनकी स्तुति एवं उनके महत्व की जानकारी विद्यार्थी प्राप्त करेंगे।
- Q02- पुरुष, हिरण्यगर्भ, नासादीयम्, वाक् सूक्तों के माध्यम से सृष्टि-प्रक्रिया की जानकारी विद्यार्थी प्राप्त करेंगे।
- Q03- पुरुरवा - उर्वशी, यम - यमी, सरमा - पवि, विश्वामित्र - नदी संवाद-सूक्तों के माध्यम से तत्कालीन समाज के विषय में विद्यार्थी जानकारी प्राप्त करेंगे।
- Q04- ईशावास्योपनिषद् के माध्यम से जीव को अपने कर्मों को करते हुए विधा - अविधा, सम्भूति - असम्भूति के विषय में विद्यार्थी जानकारी प्राप्त करेंगे।

द्वितीय सेमेस्टर (प्रथम पेपर)

- Q01- निरुक्त के आधार पर आचार्य - यास्क द्वारा निर्वचन के सिद्धान्तों की जानकारी से धात्ताओं को अवगत करवाना।
- Q02- निरुक्त पदों का अधिकारी, निरुक्त अध्ययन एवं देवताओं के स्वरूप से धात्ताओं को अवगत करवाना।
- Q03- रैतरैय - ब्राह्मण के द्वारा पुत्र की महत्ता, तत्कालीन - सामाजिक परिस्थिति एवं शुनः - शेष आरुघान की उपयोगिता से धात्ताओं को अवगत करवाना।
- Q04- वैदिक - संस्कृत का स्वरूप, लौकिक संस्कृत, शब्दियों का परिचय, पद - पाठ के नियम से धात्ताओं को अवगत करवाना।



सम० ए० प्रथम वर्ष (संस्कृत)
प्रथम सेमेस्टर (द्वितीय पेपर)

पाठ्यक्रम परिणाम

- C01. संस्कृत के आचार भेदिकर सूत्रों, संधि प्रकरणों की सरल विधि से जानकारी देना।
- C02. छात्रों को अजन्तपुच्छिङ्ग, स्त्रीलिङ्ग, नपुंसकलिङ्ग, हलन्तपुच्छिङ्ग की रूपसिद्धि का ज्ञान कराना।
- C03. अदिप्रकरण की सूत्रोल्लेखपूर्वक रूपसिद्धि प्रक्रिया व पूर्ववृद्धन्त प्रत्ययों की विविष्ट जानकारी।
- C04. भाषाओं का वैज्ञानिक अध्ययन करने के लिए भाषा-विज्ञान से अवगत कराना।

द्वितीय सेमेस्टर (द्वितीय पेपर)

- C01. तिङन्त अदिप्रकरण की सूत्रोल्लेखपूर्वक रूपसिद्धि प्रक्रिया व नामधातु, अहमनैपद, परस्मैपद प्रक्रियाका विविष्ट अध्ययन।
- C02. समास प्रकरण, तद्धित प्रकरण की सूत्र व्याख्या से अवगत कराना।
- C03. छात्रों को काश्क किमिति के माध्यम से सरल अनुवाद सिखाना।
- C04. भाषा विज्ञान में शब्द, पद, वाक्य के पश्चात अर्थ का ज्ञान छात्रों को करवाना।



सम० २० प्रथम वर्ष (संस्कृत)
प्रथम सेमेस्टर (तृतीय पेपर)

पाठ्यक्रम परिणाम

- C01. तर्कशास्त्र के माध्यम से दर्शनशास्त्र का सामान्य ज्ञान-स्वभाव।
- C02. प्रमाणप्रमाण, षड्विध शक्ति, हेत्वाभास का विविध अध्ययन।
- C03. सांख्यदर्शन का सामान्य परिचय।
- C04. सांख्यकारिका के सत्कार्यवाद का प्रतिपादन, त्रिगुण परिचय, सूक्ष्म शरीर का विविध अध्ययन।

द्वितीय सेमेस्टर (तृतीय पेपर)

- C01. आचार्य लौगाक्षिनास्कर द्वारा रचित अर्थसंग्रह का सामान्य परिचय।
- C02. अर्थसंग्रह में औपचार्य विधियों का विवेचन, मंत्रों का अर्थ, प्रयोजन, निषेध नामक मन्त्र भेद की व्याख्या से छात्रों को अवगत करना।
- C03. वेदान्तदर्शन का सामान्य परिचय।
- C04. वेदान्तसार में अनुबन्ध-चतुष्टय, लिङ्ग शरीर, जीव का स्वरूप, ईश्वर की विशेषता, अज्ञान का स्वरूप से छात्रों को दर्शन से जोड़ना। 'तत्त्वमसि' अहं ब्रह्मसि' अनुभव वाक्यों से छात्रों का जोड़ना।



एम. ए. प्रथम वर्ष (संस्कृत)

प्रथम सेमेस्टर (-चतुर्थ पेंपर)

पाठ्यक्रम परिणाम

- 001:- महाकवि माघ के व्यक्तित्व, कृतित्व एवं काव्यगत विशेषताओं की जानकारी विद्यार्थियों सप्रमाण प्राप्त करेंगे।
- 002:- भवभूति जी के व्यक्तित्व, कृतित्व एवं भवभूति जी की नाट्य - शैली की जानकारी विद्यार्थी प्राप्त करेंगे।
- 003:- 'उत्तररामचरितम्' नाटक में वर्णित राम-सीता, लव-कुश, इत्यादि पात्रों का चरित्र - चित्रण एवं कल्प-रस की मुख्य रस के रूप में समीक्षालभक जानकारी विद्यार्थी प्राप्त करेंगे।
- 004:- महाकवि कालिदास के व्यक्तित्व, कृतित्व, भाषा-शौष्ठव, मैथिल्य में वर्णित प्रकृति चित्रण की जानकारी विद्यार्थी प्राप्त करेंगे।

एम. ए. प्रथम वर्ष (संस्कृत)

द्वितीय सेमेस्टर (-चतुर्थ पेंपर)

- 001:- संस्कृत-गद्यकार बाणभद्र का जीवन परिचय, उनकी गद्य-शैली एवं महाश्वेतावृत्त की विस्तृत जानकारी छात्राओं को प्रदान करना।
- 002:- संस्कृत-साहित्य के सुप्रसिद्ध आचार्य विश्वनाथ का जीवन-परिचय उनके द्वारा प्रदत्त काव्य-प्रयोग, काव्य-लक्षण एवं "बाबयं रसालोकं काव्यं" की साधकता की समीक्षालभक जानकारी छात्राओं को प्रदान करना।
- 003:- काव्य का स्वरूप वाच्य-मै, शब्द-शक्तियाँ एवं तात्पर्यशक्ति की जानकारी छात्राओं को प्रदान करना।
- 004:- महाकवि कालिदास प्रणीत मैथिल्य में वर्णित मैथिली एवं खण्डकाव्य की विशेषताओं की जानकारी छात्राओं को प्रदान करना।



एक सः प्रथम वर्षी (संस्कृत)
प्रथम सेमेस्टर (पञ्चम पेपर)

पाठ्यक्रम परिणाम

- Q01: मनुस्मृति के माध्यम से सृष्टि उत्पत्ति, देवमानुष काल परिणाम, चारों वर्षों के प्रधान कर्तव्यों से धात्राओं को अवगत कराना।
- Q02: मनुस्मृति में वर्णित प्राचीनतम संविधान-धर्मग्रन्थ द्वारा आत्मकल्याण हेतु मानव के आचार-विचार कर्तव्य-उत्कर्ष की विशद जानकारी से धात्राओं को अवगत कराना।
- Q03: आचार्य चाणक्य द्वारा रचित अर्थशास्त्र के 15 वे अध्याय में वर्णित सुख-दुःख, धर्म, पुरुष एवं स्त्री कर्तव्य का त्रिवैचन्यात्मक अध्ययन से धात्राओं को अवगत कराना।
- Q04: चाणक्य-सूत्र में वर्णित द्रैष्ट-पुरुष-दुष्ट पुरुष की तुलना एवं उनके व्यवहार से धात्राओं को अवगत कराना।

द्वितीय सेमेस्टर (पञ्चम पेपर)

- Q01: शान्तिवलयस्मृति के व्यवहार-अध्याय में पुत्र के प्रकार, स्त्रीधन, व सम्पत्ति विभाजन का ज्ञान धात्राओं को प्रदान कराना।
- Q02: धर्म-अर्थ, गौतम-धर्मसूत्र, आपस्तम्ब-धर्मसूत्र, वशिष्ठ-धर्मसूत्र, विष्णु-धर्मसूत्र का ज्ञान धात्राओं को प्रदान कराना।
- Q03: दयानन्द सरस्वती द्वारा रचित सत्यार्थ-प्रकाश में ईश्वर-स्वरूप, ईश्वर-नाम के विषय का ज्ञान धात्राओं को प्रदान कराना।
- Q04: सत्यार्थ प्रकाश में वर्णित जालक्रम-संस्कार, नामकरण-संस्कार, उपनयन-संस्कार, उपवसन-संस्कार, वैदारम्य-संस्कार का ज्ञान धात्राओं को प्रदान कराना।



सम० ए० द्वितीय वर्ष
तृतीय सेमेस्टर (षष्ठपेपर)

- C01. पालि भाषा का सामान्य अध्ययन करवाना।
- C02. पालि पद्य, गद्य के माध्यम से प्राचीन धर्मों के साहित्य का ज्ञान।
- C03. भारतीय इतिहास के निर्माण में पालि साहित्य के अध्ययन का महत्व बताना।
- C04. पालि व्याकरण सन्धि, समास, कारक का ज्ञान करवाना।

चतुर्थ सेमेस्टर (षष्ठपेपर)

- C01. प्राकृत भाषा का सामान्य अध्ययन करवाना।
- C02. प्राकृत पद्य, गद्य के माध्यम से प्राकृत भाषा का ज्ञान करवाना।
- C03. भारतीय इतिहास के निर्माण में प्राकृत साहित्य के अध्ययन का महत्व बताना।
- C04. प्राकृत व्याकरण सन्धि, समास, कारक का ज्ञान करवाना।



एग. ए. द्वितीय वर्ष संस्कृत
द्वितीय सेमेस्टर (सप्तम पेपर)

पाठ्यक्रम परिणाम

- 001: शूद्रकवी के जीवन-परिचय एवं उनकी नाट्य शैली की समीक्षात्मक अध्ययन से छात्राओं को अवगत कराना।
- 002 मृच्छकटिकम् में वर्णित रस-विरूपण, पात-चित्रण, तत्कालीन सामाजिक-व्यवस्था से छात्राओं को अवगत कराना।
- 003 श्री हर्ष का जीवन-परिचय, रत्नावली नाटिका के विषय में छात्राओं को अवगत कराना।
- 004 रत्नावली नाटिका की समीक्षा, एवं शूद्रकाल से छात्राओं को अवगत कराना।

एग. ए. द्वितीय वर्ष (संस्कृत)
चतुर्थ सेमेस्टर (सप्तम पेपर)

- 001: आचार्य धनञ्जय द्वारा वर्णित नाट्य-स्वरूप, अर्थ-प्रकृतियाँ उनकी अवस्थाएं, सन्धि व उनके गौड की जानकारी से छात्राओं को अवगत कराना।
- 002: इसमें नाट्य-प्रयोग, भरती-वृत्ति, आमुखों के अङ्गों का विवेचन नाटक-संरचना, विभागे-स्वरूप, स्थायीभावों के विवेचनात्मक अध्ययन से छात्राओं को अवगत कराना।
- 003: नाट्य-साहित्य स्वरूप, महत्व संस्कृत नाटकों के उद्भव एवं विकास, रूपक के गौड-प्रगौड से छात्राओं को अवगत कराना।
- 004 आचार्य-भरत, शारदात्मज, सागरनन्दी, हेमचन्द्र, गुणचन्द्र आचार्य-विद्याधर, रूपगोस्वामी आदि के व्यक्तित्व एवं कृतित्व के सामान्य परिचय से छात्राओं को अवगत कराना।



सम० रु० द्वितीय वर्ष (संस्कृत)
तृतीय सेमेस्टर (अष्टम पेपर)

- CO1 काव्यशास्त्रियों ग्रन्थों, आचार्य मम्मट के विषय में छात्राओं को जानकारी प्रदान करना।
- CO2 काव्य का स्वरूप, लक्ष्य, प्रयोजन से छात्राओं को अवगत कराना।
- CO3. शब्दशक्तियों का परिचय कराना।
- CO4. अग्निषा, लक्षणा, व्यञ्जना के भेदों का ज्ञान कराना।

चतुर्थ सेमेस्टर (अष्टम पेपर)

- CO1. आचार्य मम्मट रचित काव्यप्रकाश के पददोष, रसदोष, अर्थगतदोषों का ज्ञान करवाना।
- CO2. माहुर्यादि गुणों से विद्यार्थियों को अवगत करवाना।
- CO3. शब्दालङ्कार और अर्थालङ्कार से छात्राओं को ज्ञान करवाना।
- CO4. आनन्दबर्धन द्वारा रचित हवन्यालोक में हवीन के स्वरूप को विविध रूप से ज्ञान करवाना।



सम. स. द्वितीय वर्ष (संस्कृत)
तृतीय सेमेस्टर (नवम पेपर)

पाठ्यक्रम परिणाम

- C01. श्री हर्ष का जीवन परिचय, उसकी काव्य रचना का सामाजिक मध्यमन ।
- C02. श्री हर्ष नैषधकृतम् में भोलेकार काव्य रचना, शैली की प्रधानता से विद्यार्थियों को अवगत कराना ।
- C03. हर्षचरित का परिचय, प्रातःकाल वर्णन से विद्यार्थियों को अवगत कराना ।
- C04. द्वावशदक रचित हर्षचरित में विद्यार्थियों में प्रत्येक वस्तु का सर्वांग विस्तृत उपारहित कराना ।

चतुर्थ सेमेस्टर (नवम पेपर)

- C01. नलचम्पू का सामान्य परिचय से विद्यार्थियों को अवगत कराना ।
- C02. नलचम्पू में गद्य स्वपद्य से विद्यार्थियों को अवगत कराना ।
- C03. दण्डी काव्यादर्श का स्वरूप, काव्यभेद से अवगत कराना ।
- C04. काव्यादर्श के महाकाव्यों के लक्षणों की जानकारी से अवगत कराना ।



सम० २० द्वितीय वर्ष
तृतीय सेमेस्टर (दसवा पेपर)
दशम पेपर

- C01. बिष्णु का जीवन परिचय और उनकी कृतियों का सामान्य परिचय।
- C02. विक्रमादित्यचरितम् के माध्यम से कौटिल्य राजा के कर्तव्यों से छात्रों को अवगत करवाना।
- C03. पंडितराज जगन्नाथ का सामान्य परिचय और भागिनी विवास का विशिष्ट अध्ययन।
- C04. महाकवि कालिदास प्रणीत मेघदूतम् के उत्तरमेघ में अलम्पूरी का वर्णन और यक्षिणी का परिचय।

-चतुर्थ सेमेस्टर (दशम पेपर)

- C01. आधुनिक कवि बलभद्र गोस्वामी के व्यक्तित्व और कृति का सामान्य परिचय।
- C02. कर्णाम्बिकाचरितम् में वर्णित महारानी कर्ण की शिक्षा, उनके उत्तम चरित्र का वर्णन।
- C03. कर्णाम्बिकाचरितम् नामक में वर्णित तत्कालीन रीतियों और तिरस्कृत कानीय सूत्र के विषय में छात्रों को अवगत कराना।
- C04. उत्तरमेघ में मेघ द्वारा यक्षिणी को संदेश पहुँचाने का वर्णन।



Course Specific Outcome
&
Programme Specific Outcomes

For

M.A. APPLIED
PSYCHOLOGY



Programme Outcomes:

- Students would gain conceptual and theoretical knowledge of psychological principles and would be able to apply them in research and professional areas.
- Students would understand the application of psychological principles in applied areas of Psychology and would be able to apply them in professional areas.
- Students would gain competencies and professional skills for working and conducting research in the field of Clinical Psychology, Counselling, Organizational Behaviour and Social Psychology

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

Maximum Marks: - 100 Marks

Time: -3Hrs.

Theory: -80 Marks

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

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

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

Attendance: 25%

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

Scheme of Examination

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

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



M.A. (Semester-I)

Paper: Psy101(C) – SYSTEM & THEORIES

Credit:4

Max. Marks: 100

External Marks-80

Internal Marks-20

Time: 3 hour

Course Outcomes:

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

Psy101(c)-1 Acquaint themselves with Psychology as science and its current status. They will have insight into Associationism and Structuralism as School of psychology.

Psy101(c)-2 Develop insight into the antecedents, foundation and tenets of Functionalism, Behaviorism and Gestalt psychology.

Psy101(c)-3 Familiarize themselves with basic concepts, antecedents, and tenets of Psychoanalysis, Individual psychology and Analytical psychology.

Psy101(c)-4 Acquaint themselves with field and S-R Theory in psychology along with basic concepts and contribution.

CO	PO1	PO2	PO3	PO4
PSY 101 C-1	3	3	2	3
PSY 101 C-2	3	3	3	3
PSY 101 C-3	3	3	3	2
PSY 101 C-4	3	3	2	3
Average	3	3	2.5	2.75



M.A. (Semester-I)

Paper: Psy102(C) - EXPERIMENTAL PSYCHOLOGY

Credit:4

Max. Marks: 100

External Marks-80

Internal Marks-20

Time: 3 H.

Course Outcomes:

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

Psy102(C)-1 Understand the nature and historical background of Experimental Psychology and contribution of major psychologists. They will have insight into Visual and Auditory sensations.

Psy102(C)-2 Have deep understanding of nature and various types of perceptions along with related concepts such as constancy and subliminal perception.

Psy102(C)-3 Have in-depth knowledge of theoretical background and applicability of Classical and Modern psychophysics.

Psy102(C)-4 Develop insight into process of learning and its various Paradigms. The students will be familiar with discrimination learning also.

CO	PO1	PO2	PO3	PO4
PSY 102 C-1	3	3	2	2
PSY 102 C-2	3	3	3	2
PSY 102 C-3	3	3	2	2
PSY 102 C-4	3	3	2	3
Average	3	3	2.25	2.5



M.A. (Semester-I)

Paper: Psy103(C) - SOCIAL PSYCHOLOGY (i)

Credit:4

Max. Marks: 100

External Marks-80

Internal Marks-20

Time: 3 Hours

Course Outcomes:

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

Psy103(C)-1 Demonstrate the ability to articulate independently and creatively about human social behavior.

Psy103(C)-1 Compare and contrast the research methodologies used in the scientific study of human behavior.

Psy103(C)-1 Demonstrate the ability to understand role of social cognition in making the social inference.

Psy103(C)-1 Describe, discuss and analyze major issues and concepts in the field of Social Psychology.

CO	PO1	PO2	PO3	PO4
PSY 103 C-1	3	3	3	3
PSY 103 C-2	3	3	3	3
PSY 103 C-3	3	3	3	3
PSY 103 C-4	3	3	3	3
Average	3	3	3	3



Paper: Psy104(C) - RESEARCH METHODS AND STATISTICS (i)

Credit:4

Max. Marks: 100

External Marks-80

Internal Marks-20

Time: 3 Hours

Course Outcomes:

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

Psy104(C)-1 Have familiarity with nature of Psychological research along with its approaches. They will understand different components of Research deeply.

Psy104(C)-2 Develop insight into various types of research in the field of Psychology.

Psy104(C)-3 Have familiarity with characteristics and applications of normal probability curve along with concept of Hypothesis testing and correlation with their computation.

Psy104(C)-4 Have in-depth understanding of other methods of correlations such as partial, multiple, Bi-serial and point bi-serial along with their computation and applications

CO	PO1	PO2	PO3	PO4
PSY 104 C-1	3	3	3	3
PSY 104 C-2	3	3	3	3
PSY 104 C-3	3	3	3	3
PSY 104 C-4	3	3	3	3
Average	3	3	3	3



M.A. (Semester-I)

Paper:- Psy105(C)(i) – PRACTICAL

Credit:4

Max. Marks: 100

Time: 3 Hours

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

Course Outcomes:

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

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

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

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

Credit:2

Max. Marks: 50

Time: 1 Hours

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

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

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

CO	PO1	PO2	PO3	PO4
PSY105(C)(i)-1	3	2	2	2
PSY105(C)(i)-2	3	2	3	3
PSY105(C)(ii)1	3	3	2	2
Average	3	2.33	2.33	2.33



M.A. (Semester-II)

Paper: Psy201(C) - PHYSIOLOGICAL PSYCHOLOGY

Credit:4

Max. Marks: 100

External Marks-80

Internal Marks-20 Time: 3 Hours

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

Course Outcomes:

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

Psy201(C)-1 Gain insight into nature of Physiological Psychology as a branch of Psychology and the student will also develop basic understanding of the procedures used in Physiological Psychology.

Psy201(C)-2 Grasp the intricate structure of Nervous System and its functioning.

Psy201(C)-3 Acquire knowledge regarding Physiological mechanism that underlie Cognition, Affect & Conative aspects of human functioning.

Psy201(C)-4 Gain knowledge about various Physiological Phenomena underlying various levels of consciousness.

CO	PO1	PO2	PO3	PO4
PSY 201 C-1	3	3	2	3
PSY 201 C-2	3	3	3	3
PSY 201 C-3	3	3	3	2
PSY 201 C-4	3	3	2	3
Average	3	3	2.5	2.75



M.A. (Semester-II)

Paper: Psy202(C) - COGNITIVE PSYCHOLOGY

Credit:4

Max. Marks: 100

External Marks-80

Internal Marks-20 Time: 3 Hours

Course Outcomes:

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

Psy202(C)-1 Acquaint themselves about history of cognitive psychology, understand different approaches to study cognition along with its methods.

Psy202(C)-2 Have in depth understanding of nature and types of attention, different models of selective attention and pattern recognition.

Psy202(C)-3 Have familiarity with process of memory, they will understand different models of memory along with application of memory in different fields.

Psy202(C)-4 Have acquaintance with how language is acquired, problem solving and its process along with understanding of reasoning and its types.

CO	PO1	PO2	PO3	PO4
PSY 202 C-1	3	3	2	2
PSY 202 C-2	3	3	3	2
PSY 202 C-3	3	3	2	2
PSY 202 C-4	3	3	2	3
Average	3	3	2.25	2.5



M.A. (Semester-II)

Paper: Psy203(C) - SOCIAL PSYCHOLOGY (II)

Credit:4

Max. Marks: 100

External Marks-80

Internal Marks-20 Time: 3 Hours

Course Outcomes:

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

Psy203(C)-1 Demonstrate the ability to state the basic Principles of group behaviour.

Psy203(C)-2 Demonstrate the ability to how to influence the behaviour of others.

Psy203(C)-3 Understand the group processes, interpersonal relations and aggression.

Psy203(C)-4 Understand how to promote pro-social behaviour and applications of social Psychology.

CO	PO1	PO2	PO3	PO4
PSY 203 C-1	3	3	3	3
PSY 203 C-2	3	3	3	3
PSY 203 C-3	3	3	3	3
PSY 203 C-4	3	3	3	3
Average	3	3	3	3



M.A. (Semester-II)

Paper: Psy204(C) - RESEARCH METHODS AND STATISTICS (ii)

Credit: 4

Max. Marks: 100

External Marks-80

Internal Marks-20 Time: 3 Hours

Course Outcomes:

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

Psy204(C)-1 Have in depth knowledge regarding research designs and their types along with their applicability. Psy204(C)-2 Have familiarity with process of sampling and its techniques along with major methods of data collection.

Psy204(C)-3 Have acquaintance with two major statistical analyses i.e ANOVA and Regression with their computation and Interpretation.

Psy204(C)-4 Have in-depth understanding of major non-parametric statistics which can be used to analyse data and their interpretation.

CO	PO1	PO2	PO3	PO4
PSY 204 C-1	3	3	3	3
PSY 204 C-2	3	3	3	3
PSY 204 C-3	3	3	3	3
PSY 204 C-4	3	3	3	3
Average	3	3	3	3



M.A. (Semester-II)

Paper: Psy205(C)(i) – PRACTICAL

Credit:4

Max. Marks: 100

Time: 3 Hours

Course Outcomes:

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

Psy 205 (C)(i) - 1:The students will be acquainted with various kind of apparatus and other measuring instruments. Psy 205 (C)(i)- 2:The students will be able to design and conduct experiments on basic phenomenon.

M.A. (Semester-II)

Paper: Psy205(C)(ii) - PROFILING OF EQUIPMENTS

Credit:2

Max. Marks: 50

Time: 1 Hour

Course Outcomes:

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

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

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

CO	PO1	PO2	PO3	PO4
PSY205(C)(i)-1	3	2	2	2
PSY205(C)(i)-2	3	2	3	3
PSY205(C)(ii)1	3	3	2	2
Average	3	2.33	2.33	2.33



M.A. (Semester-III)

Paper: Psy301(E) - PSYCHOPATHOLOGY

Credit:4

Max. Marks: 100

External Marks-80

Internal Marks-20

Time: 3 Hours

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

Course Outcomes:

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

Psy301(E)-1 Understand psychopathology from different approaches along with modern classifications of psychological disorders.

Psy301(E)-2 Have familiarity with major neuro-developmental disorders prevalent in the populations along with their etiology and clinical picture.

Psy301(E)-3 Have acquainted with symptomatology and etiology of schizophrenic, bipolar and depressive disorders.

Psy301(E)-4 Have acquaintance with major anxiety and obsessive-compulsive disorders.

CO	PO1	PO2	PO3	PO4
PSY301(E)-1	3	3	3	3
PSY301(E)-2	3	3	3	3
PSY301(E)-3	3	3	3	3
PSY301(E)-4	3	3	3	3
Average	3	3	3	3



M.A. (Semester-III)

PAPER: Psy303(E) - INDUSTRIAL-ORGANIZATIONAL PSYCHOLOGY (i)

Credit:4

Max. Marks: 100

External Marks-80

Internal Marks-20

Time: 3 Hours

Course Outcomes:

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

Psy303(E)-1 Describe the major fields and contemporary challenges of I-O Psychology

Psy303(E)-2 Describe complicated system at work place.

Psy303(E)-3 Connect the basic principles of I-O Psychology to personnel selection, organizational commitment, work motivation etc.

Psy303(E)-4 Acquire the knowledge about job satisfaction, burnout and motivation.

CO	PO1	PO2	PO3	PO4
PSY303(E)-1	3	3	2	3
PSY303(E)-2	3	3	2	3
PSY303(E)-3	3	3	3	3
PSY303(E)-4	3	3	3	3
Average	3	3	2.5	3



M.A. (Semester-III)

PAPER: Psy304(E) - PRINCIPLES AND APPLICATIONS OF GUIDANCE

Credit:4

Max. Marks: 100

External Marks-80

Internal Marks-20

Time: 3 Hours

Course Outcomes:

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

Psy304(E)-1 Acquire knowledge of need and applications of guidance services.

Psy304(E)-2 Acquire knowledge regarding nature of assessment and application of different Psychological tests.

Psy304(E)-3 Acknowledge the nature, process and techniques of group guidance and vocational guidance including different theories of vocational choice.

Psy304(E)-4 Acquire understanding of educational and personal guidance and identify the different roles and services of guidance personnel.

CO	PO1	PO2	PO3	PO4
PSY304(E)-1	3	3	2	3
PSY304(E)-2	3	3	2	3
PSY304(E)-3	3	3	2	3
PSY304(E)-4	3	3	2	3
Average	3	3	2	3



M.A. (Semester-III)

PAPER: Psy305(E) - LIFE SPAN HUMAN DEVELOPMENT (i)

Credit:4

Max. Marks: 100

External Marks-80

Internal Marks-20

Time: 3 Hours

Course Outcomes:

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

Psy305(E)-1 Understand the nature, biological and environmental influences on development.

Psy305(E)-2 Acknowledge different perspectives in development and research methods applied in developmental research.

Psy305(E)-3 Understand the beginning and course of development during pre and post-natal stages and effect of various environmental and maternal factors influencing development.

Psy305(E)-4 Appreciate the course of physical, motor and perceptual development and identification of different influencing factors.

CO	PO1	PO2	PO3	PO4
PSY305(E)-1	3	3	2	3
PSY305(E)-2	3	3	2	3
PSY305(E)-3	3	3	2	3
PSY305(E)-4	3	3	2	3
Average	3	3	2	3



M.A. (Semester-III)

Paper: Psy309(C)(i) - PRACTICAL

Credit:4

Max. Marks: 100

Time: 3 Hours

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

Psy 309 (C)(i) - 1: Have through understanding about well-known Psychological tests.

Psy309(C)(i) Acquire knowledge of Administration, scoring and interpretation of various Psychological tests.

Note: The candidate will conduct and report three practicals from each optional paper in semester-III. Practical will be decided by the teacher teaching the paper. One practical will be allotted to a candidate during the examination and evaluation will be based on Practical Note Book (25 marks), Performance (25 marks) and Viva-voce (50 marks).

M.A. (Semester-III)

Paper: Psy309(C)(ii) - PROFILING OF INSTRUMENTS

Credit:2

Max. Marks: 50

Time: 1 Hour

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

Psy 309 (C)(ii) - 1: Have through understanding of different Psychological tests. The candidate will prepare a profile of three measuring instruments from each optional paper, other than those covered in Practicals. Two instrument profiles will be allotted to a candidate during the examination and evaluation will be based on Profile Record (12 marks), Report (12 marks), and Viva-voce (26 marks).

CO	PO1	PO2	PO3	PO4
Psy309(C)(i)-1	3	3	3	3
Psy309(C)(i)-2	3	3	3	3
Psy309(C)(ii)-1	3	3	3	3
Average	3	3	3	3



M.A. (Semester-IV)

Paper: Psy401(E) - CLINICAL PSYCHOLOGY

Credit:4

Max. Marks: 100

External Marks-80

Internal Marks-20

Time: 3 Hours

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

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

Psy401(E)-1 Understand the evolution and current status of Clinical Psychology along with roles and training of Clinical psychologist.

Psy401(E)-2 Have in depth knowledge of both qualitative and quantitative assessment tools used in the field of Clinical Psychology.

Psy401(E)-3 Have familiarity with Psychotherapy in general and traditional Psychotherapies in specific.

Psy401(E)-4 Acquainted with therapies based on different intervention models.

CO	PO1	PO2	PO3	PO4
PSY401(E)-1	3	3	3	3
PSY401(E)-2	3	3	3	3
PSY401(E)-3	3	3	3	3
PSY401(E)-4	3	3	3	3
Average	3	3	3	3



M.A. (Semester-IV)

Paper: Psy403(E) - INDUSTRIAL-ORGANIZATIONAL PSYCHOLOGY (ii)

Credit:4

Max. Marks: 100

External Marks-80

Internal Marks-20

Time: 3 Hours

Course Outcomes:

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

Psy403(E)-1 Have a basic understanding of the organizational structure and culture.

Psy403(E)-2 Acquire knowledge regarding the communication process and method to improve communication.

Psy403(E)-3 Acquire knowledge of group dynamics and team including leadership.

Psy403(E)-4 Acquire the knowledge about organizational conflict, change and development in organization.

CO	PO1	PO2	PO3	PO4
PSY403(E)-1	3	3	2	3
PSY403(E)-2	3	3	2	3
PSY403(E)-3	3	3	3	3
PSY403(E)-4	3	3	3	3
Average	3	3	2.5	3



M.A. (Semester-IV)

Paper: Psy404(E) - PRINCIPLES AND APPLICATIONS OF COUNSELLING

Credit:4

Max. Marks: 100

External Marks-80

Internal Marks-20

Time: 3 Hours

Course Outcomes:

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

Psy404(E)-1 Acquire understanding of the meaning and process of Counselling including personal and professional aspects of a counsellor.

Psy404(E)-2 Understand different approaches of counselling and acquire knowledge regarding assessment methods and professional skills of Counsellor.

Psy404(E)-3 Acquire knowledge related to therapeutic techniques of counselling including school and community Counselling.

Psy404(E)-4 Identify diverse applications of counselling including ethical and legal issues in practice.

CO	PO1	PO2	PO3	PO4
PSY404(E)-1	3	3	2	3
PSY404(E)-2	3	3	2	3
PSY404(E)-3	3	3	2	3
PSY404(E)-4	3	3	2	3
Average	3	3	2	3



M.A. (Semester-IV)

Paper: Psy405(E) - LIFE SPAN HUMAN DEVELOPMENT (ii)

Credit:4

Max. Marks: 100

External Marks-80

Internal Marks-20

Time: 3 Hours

Course Outcomes:

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

Psy405(E)-1 Acquire Knowledge of theoretical approaches related to cognitive, language and emotional development.

Psy405(E)-2 Gain knowledge regarding development of self, understanding others and social problem solving including different issues related to sex role development.

Psy405(E)-3 Understand the different transitional issues related to childhood and adolescence and influence of peers, school and media on adolescents.

Psy405(E)-4 Understand different biological, social and psychological issues related to Ageing.

CO	PO1	PO2	PO3	PO4
PSY405(E)-1	3	3	2	3
PSY405(E)-2	3	3	2	3
PSY405(E)-3	3	3	2	3
PSY405(E)-4	3	3	2	3
Average	3	3	2	3



M.A. (Semester-IV)

Paper: Psy409(C)(i) - PRACTICAL

Credit:4

Max. Marks: 100

Time: 3 Hours

Course Outcomes:

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

Psy 409 (C)(i) - 1: Have through understanding about well-known Psychological tests.

Psy 409(C)(i)-2 Acquire knowledge of Administration, scoring and interpretation of various Psychological tests. Note: The candidate will conduct and report three practicals from each optional paper in semester-IV. Practical will be decided by the teacher teaching the paper. One practical will be allotted to a candidate during the examination and evaluation will be based on Practical Note Book (25 marks), Performance (25 marks) and Viva-voce (50 marks).

M.A. (Semester-IV)

Paper: Psy409(C)(ii) - PROFILING OF INSTRUMENTS

Credit:2

Max. Marks: 50

Time: 3 Hours

Course Outcomes:

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

Psy 409 (C)(ii) - 1: Have through understanding of different Psychological tests. The candidate will prepare a profile of three measuring instruments from each optional paper, other than those covered in Practicals. Two instrument profiles will be allotted to a candidate during the examination and evaluation will be based on Profile Record (12 marks), Report (12 marks), and Viva-voce (26 marks).

CO	PO1	PO2	PO3	PO4
Psy409(C)(i)-1	3	3	3	3
Psy409(C)(i)-2	3	3	3	3
Psy409(C)(ii)-1	3	3	3	3
Average	3	3	3	3



Course Specific Outcome
&
Programme Specific Outcomes

For
M.A (PREVIOUS) ENGLISH



M.A (PREVIOUS) English 1st Year 1st Semester

Paper-A

Literature In English-(1550-1660) Part-I

Outcome:-

- The students will be able to understand European as well as English Renaissance.
- They will learn about the origin of English drama.
- They will understand the different styles of poetry written during the Elizabethan Age.
- They will examine the history of English Literature from Medieval Age to Elizabethan Age.

Paper-B

Literature In English-(1660-1798) Part-I

Outcome:-

- The students will critically analyze texts and comprehend their relations with historical, social and political contexts.
- They will be able to grasp the manners of aristocratic society of England.
- They will be able to interpret the variety of satires.
- They will be able to examine the nuances of Restoration drama.

Paper-C

Literature in English (1798-1914) Part-1

Outcome:-

- The Students will be able to know the process of beginning and growth of English Romanticism.
- They will be able to distinguish between Neo Classical poetry and Romantic poetry.
- They will be able to understand Victorian novel.
- They will be able to examine the social, political, religious, scientific temper of Victorian era.



Paper-D

Literature in English (1914-2000) Part-1

Outcome:-

- The students will be able to know the meaning and scope of the concepts of modern, modernity, and modernism.
- They will be able to acquaint themselves with the great tradition of modern European Drama.
- They will be able to reflect upon the great upheaval that the World has undergone during the 20th century.
- They will be able to interpret representative writings from 20th and 21st century.

Paper-E

Study of a Genre: Fiction Part-1

Outcome:-

- The students will be able to critically evaluate different types of fiction.
- They will be able to analyze fiction using appropriate theoretical approaches.
- They will be able to compare English novel of one age with that of another.
- They will be able to understand the rise of American Novel.



M.A (PREVIOUS) English 1st Year 2nd Semester

Paper-A

Literature in English (1550-1660) Part-1

Outcome:-

- The students will be able to read a variety of genres of Literature critically and proficiently.
- They will be able to understand Shakespearean tragedy.
- They will be able to understand the fall of Drama in 17th century.
- They will be familiarized with the prose writing of 17th century.

Paper-B

Literature in English (1660-1798) Part-1

Outcome:-

- The students will be able to understand neoclassical poetry.
- They will be understand the rise of English novel.
- They will be able to learn the beginning of journalism.
- They will understand various narrative techniques of 18th century English literature.

Paper-C

Literature in English (1798-1914) Part-1

Outcome:-

- The students will be able to learn about Victorian poetry.
- They will be able to learn the explorations, the expeditions and development of science.
- They will be able to analyze literary texts in the light of their historical and intellectual background.
- They will be able to analyze literary problems in a way that reflects insight into the distinctive historical, traditional and social situations of English literature.



Paper-D

Literature in English (1914-2000) Part-1

Outcome:-

- The students will be able to analyze and deal critically with a wide variety of sources of information about literature.
- They will be able to understand and evaluate novels and poetry.
- They will be able to understand the movements and trends of post independent Indian literature.
- They will be able to understand the concept of culture and the evolution of cultural studies.

Paper-E

Study of Genre: Fiction

Outcome:-

- The students will be able to learn the emerging trends and movements in the 20th and 21st century.
- They will be able to explore various cultures and construction of gender, nation and race throughout the history.
- They will be able to learn changing human values and the behavioral patterns from great works of art.
- They will be able to grasp the concepts of Modernism and postmodernism.



Course Specific Outcome
&
Programme Specific Outcomes

For

M.A (FINAL) ENGLISH



M.A. (FINAL) English 2nd Year 3rd semester

Paper-A

Critical Theory (Part-1)

Outcome:

- The Students will be familiar with the basic theories, knowledge areas and analytical tools of the field through a number of contemporary and historical schools of literary world.
- They will be able to explore the world, the text and the critic in modern criticism and theory.
- They will be able to learn and develop the works of literary and cultural criticism.
- They will be able to appreciate the diversity of literary and social voices through literary criticism and theories.

Paper –B

AMERICAN LITERATURE (Part-1)

Outcome:

They will be able to evaluate the changes in American literature.

- The students will be able to explore American Literature, culture and the Renaissance.
- They will be able to analyze literary works of eminent American poets and novelists.
- They will be familiarized with the trends the movements in American literature.

Paper-C

INDIAN WRITING IN ENGLISH (Part 1)

Outcome:

- The students will be able to understand socio-cultural history reflected in Indian writing in English.
- They will be able to appreciate Indian women poets and their sensibility.
- They will be able to make distinction between pre and post –Independence Indian writing in English.
- They will be able to learn Reform Movements in India.



Paper –D

ENGLISH LANGUAGE TEACHING (Part-1)

Outcome:

- The students will be able to know the development of English Language.
- They will be able to understand appropriate pronunciation of English Language.
- They will be familiarized with the etymology of the words in English Language.
- They will be able to learn the different parameters of translation .

Paper – E

LITERATURE AND GENDER(Part 1)

Outcome:

- The students will be able to learn the concepts like sex and gender; feminism ; women and canon of Gynocriticism etc.
- They will be able to evaluate sexual , social , class and national perspectives reflected in their writings.
- The will be able to know the developments, themes and narrative strategies of women writings .
- They will be able to analyze literary text through the perspectives of gender.



M.A.FINAL ENGLISH 2ND YEAR SEMESTER FOURTH

Paper-A

CRITICAL THEORY AND CRITICISM (Part-2)

Outcome:

- The students will be able to develop an understanding of Victorian and modern literary criticism.
- They will be able to learn how to apply the various theories on literature.
- They will be able to know the role of language in understanding literature.
- They will be able to analyze theories and discipline specific skills.

Paper-B

AMERICAN LITERATURE (Part-2)

- The students will be able to learn about American dream, ethnicity, race realism and multiculturalism.
- They will be able to understand the conceptions, generalizations, myths and beliefs about American culture and history .
- They will be able to know about the effects of post world war on literature.
- They will be able to compare and contrast American and English Romantics.

Paper-C

INDIAN WRITING IN ENGLISH (PART-2)

Outcome:

- The students will be able to learn the effects of partition on the lives of people.
- They will be able to understand the emergence of drama in post independent India.
- They will be able to analyze counter – discourse, subaltern and identity movements.
- They will be able to evaluate the representation of culture, national and gender politics.



Paper –D

ENGLISH LANGUAGE TEACHING (Part-2)

Outcome:

- The students will be familiarized with the principles of ELT in India.
- They will be able to learn various teaching techniques and digital learning to enjoy reading ,writing and teaching .
- They will be able to enrich their communicative skills.
- They will be familiarized with different approaches to analyze different genres of literature.

Paper –E

LITERATURE AND GENDER Part-2

Outcome:

- The students will be able to understand the concepts of Feminism, Femininity and Feminist.
- They will be able to understand the means and ways of marginalization.
- They will be able to evaluate culturally and historically specific constructions of gender.
- They will be able to research in the field of gender and cultural studies.



Course Specific Outcome
&
Programme Specific Outcomes

For

M.A. YOGA



Class: M.A. Yoga,1st Semester

Course Code-MAY 103

Subject:Patanjali Yoga Sutras

CO1	Demonstrate understanding of the historical context and significance of the Patanjali Yoga Sutras
CO2	Analyze the philosophical concepts presented in the Yoga Sutras, such as chitta, chitta-vritti, and the eight limbs of yoga
CO3	Apply the ethical guidelines (yamas and niyamas) outlined in the Yoga Sutras to personal practice and teaching
CO4	Develop proficiency in meditation and pranayama based on the practices outlined in the Yoga Sutras
CO5	Critically evaluate different translations and interpretations of the Yoga Sutras
CO6	Integrate the teachings of the Yoga Sutras into modern contexts, such as healthcare or education



PO1	Mastery of Yoga Philosophy: Graduates will demonstrate a comprehensive understanding of the philosophical foundations of yoga as expounded in the Patanjali Yoga Sutras, including the concepts of chitta (mind-stuff), chitta-vritti (fluctuations of the mind), and the eight limbs of yoga (Ashtanga Yoga).					
PO2	Advanced Yogic Practices: The practice and teaching of yoga techniques based on the principles outlined in the Yoga Sutras, including asana, pranayama, meditation, and ethical guidelines for living (yamas and niyamas).					
PO3	Integration of Theory and Practice: Graduates will be able to integrate the theoretical teachings of the Yoga Sutras with practical applications in yoga instruction, therapy, and personal practice, demonstrating a deep understanding of how philosophy informs practice.					
PO4	Leadership and Advocacy: Graduates will be equipped to serve as leaders and advocates for the practice of yoga, promoting its benefits in various settings such as healthcare, education, and community development, while upholding the ethical principles of yoga.					
PO5	Personal Transformation and Well-being: Graduates will have experienced personal transformation and enhanced well-being through their study and practice of the Yoga Sutras, embodying the principles of yoga in their own lives.					
PO6	Spiritual Growth and Self-Realization: Ultimately, the study and practice of the Yoga Sutras can lead to spiritual growth and the realization of the true nature of the self, according to the teachings of classical yoga.					
CO	PO1	PO2	PO3	PO4	PO5	PO6
CO1	3	3	2	2	3	2
CO2	3	3	3	2	3	3
CO3	3	3	3	3	3	3
CO4	3	3	3	3	3	3
CO5	3	3	2	3	2	3
CO6	3	3	2	3	3	3
Average	3	3	2.5	2.6	2.8	2.8



Class: M.A Yog 1st Year, 1st Semester

Course Code - MAY 104

Subject: Research Methodology in Yog

PO1	Understand the basic concept of research and its need and characteristics in Yog and sports.
PO2	Know about type of Research, research problem its selection and formulation with delimitation.
PO3	Understand the concept of Sampling, methods of Sampling and Hypothesis testing.
PO4	Know about review of related literature, its types sources & writing and variables.
PO5	To make students understand the concept of Ethical Issues in Yog & Sports and various tools of research.

CO1	Acquaint the students will basic concept of research, need and characteristics of research in Yog and sports.
CO2	Acquaint the students with types of research problem and its selection and formulation with delimitation.
CO3	Make students aware about concept of Sampling, methods of Sampling and Hypothesis and its testing.
CO4	Acquaint the students with the concept of review of related literature, types and its sources & variables.
CO5	Make the students understand the concept of Ethical Issues regarding copy right and tools of research.

CO	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3
Average	3	3	3	3	3



Class: MAYoga,1st Semester

Course Code-MAY105P

Subject:Practical-Yoga Practical

PO1	Improved Physical Health: Yoga asanas (postures) target different muscle groups, joints, and organs, promoting overall physical well-being. Regular practice can lead to increased flexibility, muscle strength, joint mobility, and cardiovascular health.
PO2	Mental Clarity and Emotional Well-being: Yoga incorporates mindfulness practices such as meditation and deep breathing, which help calm the mind, reduce mental chatter, and cultivate emotional balance. Over time, practitioners often experience reduced levels of stress, anxiety, and depression.
PO3	Better Breathing Techniques: Pranayama (breath control) is an integral part of yoga practice. Through various breathing exercises, practitioners learn to deepen and regulate their breath, which can have profound effects on both physical and mental health.
PO4	Improved Posture: Many yoga poses focus on spinal alignment, core strength, and postural awareness. By practicing proper alignment and engaging key muscle groups, individuals can improve their posture and alleviate discomfort associated with poor posture.
PO5	Increased Energy Levels: Yoga stimulates the flow of prana (life force energy) throughout the body, leaving practitioners feeling revitalized and energized. Regular practice also improves circulation and oxygenation of tissues, enhancing overall vitality.
PO6	Mind-Body Connection: Yoga emphasizes the interconnections of the body, mind, and spirit. By integrating physical movement with breath awareness and mindfulness, practitioners cultivate a deeper connection between their physical sensations, thoughts, and emotions, leading to greater harmony and balance.



CO1	The main objective of the course is to impart knowledge about the prevention of health problems by promoting positive health through yoga practices.
CO2	To understand the underlying mechanisms of yoga practices.
CO3	Application of Yoga for Specific Health Conditions: Students will learn how to adapt yoga practices to meet the needs of individuals with specific health conditions, such as chronic pain, stress-related disorders, and respiratory ailments.
CO4	Integration of Yoga into Healthcare Settings: Students will learn how to integrate yoga into healthcare settings, working collaboratively with healthcare professionals to promote health and well-being.
CO5	Personal Practice and Self-Care: Students will develop a personal yoga practice that supports their own health and well-being, recognizing the importance of self-care for healthcare providers.
CO6	Professional Development: Students will be prepared for careers in yoga therapy, healthcare, wellness coaching, or related fields, with a strong foundation in the health aspects of yoga.

CO	PO1	PO2	PO3	PO4	PO5	PO6
CO1	3	3	3	3	3	3
CO2	3	3	3	3	3	3
CO3	3	3	3	3	3	3
CO4	3	3	3	3	3	3
CO5	3	3	3	3	3	3
CO6	3	3	3	3	3	3
Average	3	3	3	3	3	3



Class:M.A.Yoga, 2nd Semester

Course Code: MAY 204

Subject:Applied Statistics in Yoga

PO1	Understand the basic concept of statistics, data, methods of organizing data, explain & illustrate the concepts & application of measures of central tendency & its computation and merit & demerits of mean, median, mode.
PO2	Explain variability, range, quartile deviation, percentile & quartile with computation, rank & its computation.
PO3	Understand the meaning, computation & significance of probability curve, Meaning & type of Skewness & Kurtosis, calculation of probability, meaning, types, and computation of correction.
PO4	Identify and illustrate the significance of graphical representation of data & hypothesis testing through various graphical representation techniques.
PO5	To equip our students with good quality to appear for competitive examinations.
CO4	Illustrate the graphical representation of data & testing of Hypothesis.
CO5	Understand the have the basic knowledge on data collection and various statistical elementary tools.

CO	PO1	PO2	PO3	PO4	PO5
CO1	3	2	3	2	3
CO2	2	3	3	3	2
CO3	3	3	3	2	2
CO4	3	2	3	3	2
CO5	3	3	2	3	2
Average	2.6	2.6	2.8	2.6	2.3



Class: MAYoga, 2nd Semester

Course Code-MAY205P

Subject: Yoga Practical and Applied Statistics

CO1	Students will be able to understand how to strengthen the different systems using Yoga which will help them to prevent health problems and promote positive health.
CO2	The students will be provided knowledge of some statistical techniques with Excel and SPSS to calculate mean, median, standard deviation, t-test, ANOVA, Co-relation & Graphical representation.
CO3	Application of Yoga for Specific Health Conditions: Students will learn how to adapt yoga practices to meet the needs of individuals with specific health conditions, such as chronic pain, stress-related disorders, and respiratory ailments.
CO4	Enhanced Body Awareness: Developing a heightened sense of body awareness, including proprioception and kinesthetic awareness, to improve movement efficiency and prevent injuries.
CO5	Personal Practice and Self-Care: Students will develop a personal yoga practice that supports their own health and well-being, recognizing the importance of self-care for healthcare providers.
CO6	Professional Development: Students will be prepared for careers in yoga therapy, healthcare, wellness coaching, or related fields, with a strong foundation in the health aspects of yoga.



PO1	Enhanced Focus and Concentration: Mindfulness practices in yoga cultivate present-moment awareness and attentional control. As individuals learn to anchor their awareness to the breath or sensations in the body, they develop greater concentration and mental clarity, both on and off the mat.
PO2	Greater Self-awareness and Self-acceptance: Yoga encourages self-inquiry and self-reflection, fostering a deeper understanding of one's thoughts, emotions, and behaviours. Through yoga, individuals learn to embrace themselves with compassion and acceptance, cultivating a positive relationship with their bodies and minds.
PO3	Stress Reduction: Yoga triggers the relaxation response in the body, activating the parasympathetic nervous system and counteracting the effects of chronic stress. Techniques such as deep breathing, progressive muscle relaxation, and guided imagery promote relaxation and inner peace.
PO4	Improved Posture: Many yoga poses focus on spinal alignment, core strength, and postural awareness. By practicing proper alignment and engaging key muscle groups, individuals can improve their posture and alleviate discomfort associated with poor posture.
PO5	Increased Energy Levels: Yoga stimulates the flow of prana (life force energy) throughout the body, leaving practitioners feeling revitalized and energized. Regular practice also improves circulation and oxygenation of tissues, enhancing overall vitality.
PO6	Mind-Body Connection: Yoga emphasizes the interconnections of the body, mind, and spirit. By integrating physical movement with breath awareness and mindfulness, practitioners cultivate a deeper connection between their physical sensations, thoughts, and emotions, leading to greater harmony and balance.

CO	PO1	PO2	PO3	PO4	PO5	PO6
CO1	3	3	3	3	3	3
CO2	3	3	3	3	3	3
CO3	3	3	3	3	3	3
CO4	3	3	3	3	3	3
CO5	3	3	3	3	3	3
CO6	3	3	3	3	3	3
Average	3	3	3	3	3	3



Class:M.A.Yoga, 2nd Semester
 Course Code:MAY201
 Subject: Fundamentals of Hatha Yoga

CO1	Comprehensive understanding of classical hatha yoga texts, including the philosophical, theoretical, and practical aspects.
CO2	Ability to interpret and analyse hatha yoga texts in their historical and cultural context.
CO3	Proficiency in traditional hatha yoga practices, such as asanas, pranayama, mudras, and bandhas.
CO4	Development of research skills to explore and analyze hatha yoga texts and practices.
CO5	Enhanced communication skills to convey the teachings of hatha yoga effectively.
CO6	Skills to integrate the teachings of hatha yoga texts into personal practice and teaching.

PO1	Deep understanding of traditional hatha yoga texts, including Hathapradipika, GherandaSamhita, and Shiva Samhita.
PO2	Ability to interpret and analyze the philosophical and practical aspects of hatha yoga..
PO3	Knowledge of the historical and cultural context of hatha yoga.
PO4	Enhanced research skills related to hatha yoga texts and practices.
PO5	Development of a personal philosophy of yoga based on the study of hatha yoga texts.
PO6	Ability to apply the teachings of hatha yoga texts in personal practice and teaching.

CO	PO1	PO2	PO3	PO4	PO5	PO6
CO1	3	2	3	2	3	2
CO2	2	3	3	3	2	2
CO3	3	3	3	2	2	3
CO4	3	2	3	3	2	3
CO5	3	3	2	3	2	2
CO6	2	3	3	3	3	2
Average	2.6	2.6	2.8	2.6	2.3	2.3



Class: M.A. Yoga, 2nd Semester

Course Code-M.A.Y 203

Subject: Health Aspects of Yoga

CO1	Understanding of Yoga Therapy: Students will gain a deep understanding of yoga therapy principles and practices, including how yoga can be used to prevent and manage various health conditions.
CO2	Knowledge of Anatomy and Physiology: Students will learn about the anatomical and physiological effects of yoga practices on the body, including the musculoskeletal, nervous, and respiratory systems.
CO3	Application of Yoga for Specific Health Conditions: Students will learn how to adapt yoga practices to meet the needs of individuals with specific health conditions, such as chronic pain, stress-related disorders, and respiratory ailments.
CO4	Integration of Yoga into Healthcare Settings: Students will learn how to integrate yoga into healthcare settings, working collaboratively with healthcare professionals to promote health and well-being.
CO5	Personal Practice and Self-Care: Students will develop a personal yoga practice that supports their own health and well-being, recognizing the importance of self-care for healthcare providers.
CO6	Professional Development: Students will be prepared for careers in yoga therapy, healthcare, wellness coaching, or related fields, with a strong foundation in the health aspects of yoga.



PO1	Advanced Understanding of Yoga Therapy: Graduates will demonstrate an advanced understanding of yoga therapy principles and practices, including the ability to design and implement therapeutic yoga programs for individuals with specific health conditions.
PO2	Integration of Yoga into Healthcare Settings: Graduates will be able to integrate yoga into healthcare settings, working collaboratively with healthcare professionals to promote health and well-being.
PO3	Research Skills: Graduates will have developed advanced research skills related to yoga and health, including the ability to design and conduct research studies in the field of yoga therapy.
PO4	Effective Communication: Graduates will have developed effective communication skills to communicate the benefits of yoga for health and well-being to a variety of audiences, including healthcare professionals and the general public.
PO5	Personal Practice and Self-Care: Graduates will have developed a personal yoga practice that supports their own health and well-being, recognizing the importance of self-care for healthcare providers.
PO6	Professional Development: Graduates will be prepared for careers in yoga therapy, healthcare, wellness coaching, or related fields, with a strong foundation in the health aspects of yoga.

CO	PO1	PO2	PO3	PO4	PO5	PO6
CO1	3	3	3	3	3	3
CO2	3	3	3	3	3	3
CO3	3	3	3	3	3	3
CO4	3	3	3	3	3	3
CO5	3	3	3	3	3	3
CO6	3	3	3	3	3	3
Average	3	3	3	3	3	3



Class: MA Yoga, 3rdSemester

Course Code-MAY303

Subject:Applications of Yoga

CO1	To provide the knowledge of concept of Yoga , Yoga education with Guru-Shishya parampara.
CO2	To acquaint students with values and contribution of Yoga in development of values in education.
CO3	To provide knowledge about Astang Yoga and personality development through yogic practices.
CO4	To acquaint the students with stress management through Astang yoga and Bhagwad Gita.
CO5	The students will be able to impart yoga teachings and knowledge to vast fields which will be beneficial for the society as a whole.
PO1	Personal Growth: Through guided instruction and encouragement, students experience personal growth in physical, mental and spiritual dimensions.
PO2	Mindfulness and Stress Reduction: Yoga emphasizes present moment's awareness, which can help individuals manage stress more effectively. Techniques such as deep breathing, meditation and mindful movement can promote relaxation and reduce the physiological markers of stress .
PO3	Social Support and Community Engagement: Yoga classes and workshops provide opportunities for social connection and community support. Participating in group yoga sessions can foster a sense of belonging and camaraderie, which contributes to overall well-being.
PO4	Students will be able to Understand about Astang yoga and development of personality with emphasis on Panchkosh.
PO5	Students will be able to Gain knowledge about concept of values, value oriented education and roll of yoga teacher in value oriented education.

CO	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3
Average	3	3	3	3	3



Class: M.A. Yoga, 3rdSemester

Course Code-M.A.Y 301

Subject :Fundamentals of Naturopathy

CO1	Demonstrate advanced understanding of naturopathic principles
CO2	Apply advanced natural therapies for complex health conditions
CO3	Students will develop a basic understanding of human anatomy and physiology, particularly as it relates to naturopathic principles and therapies.
CO4	Integrate naturopathic and conventional medicine in patient care
CO5	Students will understand how naturopathic medicine can be integrated with conventional medical care to provide holistic and comprehensive patient care.
CO6	Students will learn about the ethical considerations involved in naturopathic practice, including patient confidentiality, informed consent, and professional boundaries.
PO1	Comprehensive Understanding of Naturopathic Principles: Graduates will demonstrate a comprehensive understanding of the fundamental principles of naturopathy, including the healing power of nature, identifying and treating the root cause of illness, and focusing on prevention.
PO2	Knowledge of Natural Therapies: Graduates will be proficient in the use of various natural therapies used in naturopathy, including herbal medicine, nutrition, hydrotherapy, and homeopathy.
PO3	Clinical Competence: Graduates will possess the clinical skills necessary to assess and treat patients using naturopathic principles and therapies, including conducting patient histories, physical exams, and interpreting lab tests.
PO4	Integration with Conventional Medicine: Graduates will understand how to integrate naturopathic medicine with conventional medical care, providing holistic and comprehensive patient care.
PO5	Leadership and Advocacy: Graduates will be equipped to serve as leaders and advocates for naturopathic medicine, promoting its integration into mainstream healthcare and wellness practices.
PO6	Community Engagement: Graduates will be engaged with the community to promote the benefits of naturopathic medicine and contribute to public health initiatives.



CO	PO1	PO2	PO3	PO4	PO5	PO6
CO1	3	3	3	3	3	3
CO2	2	3	3	3	3	3
CO3	3	3	3	2	3	3
CO4	3	3	3	3	2	3
CO5	3	3	3	3	3	2
CO6	2	3	3	3	3	3
Average	2.6	3	3	2.8	2.8	2.8



Class: M.A. Yoga, 3rd Semester**Course Code-MAY 302****Subject: Basic Yoga Text Principle Upanishads & Bhagwat Geeta**

CO1	To provide the knowledge about Upanishad, Bhagwat Gita.
CO2	To understand the concept of Vidya and Avidya become aware of the importance of the Self Realisation and the greatness of Brahmaidya.
CO3	To know and understand the sacred script Bhagwat Gita purpose and Importance of Bhagwat Gita.
CO4	To understand the essence of yoga in these basic yogic texts and basic philosophical and theoretical foundations of yoga.
CO5	These texts provides a deeper understanding to yogic concepts mentioned in them and students will be able to relate and implement in every day activities and will be prepared to teach others the benefits of such lifestyle.

PO1	Understand the about Upanishad, Bhagwat Gita.
PO2	Understand the concept of Yoga, Nature, Prana, Panchapranas, Tapasya and Guru bhakti and target of meditation.
PO3	Gain information about messages of Upanishads such as a Indriya and Antahkarana, states of consciousness in relation to syllable in Omkara.
PO4	Gain information about Bhagwat Gita and its relevance in modern time with Dharma Ka Swaroop.
PO5	Understand about Sankha and Gyan Yog, Karma and Bhakti Yog and characteristics of a Yogi in Bhagwat Gita.

CO	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	3	3
CO2	2	3	3	3	3
CO3	3	3	3	2	3
CO4	3	3	3	3	2
CO5	3	3	3	3	3
Average	2.6	3	3	2.8	2.8



Class: MA Yoga, 4th Semester

Course Code-MAY404

Subject: Teaching Methods of Yoga

CO1	Understanding the principles of nutrition and their application in maintaining health and wellness.
CO2	Identifying the role of food in the practice of yoga and its impact on physical and mental well-being.
CO3	Exploring the connection between diet, digestion, and overall health from a yogic perspective.
CO4	Learning about traditional and modern dietary practices and their relevance to yoga.
CO5	Developing practical skills in meal planning and preparation that align with yogic principles.
CO6	Exploring the ethical and environmental aspects of food choices and their impact on health and the planet.

PO1	Improved Posture and Alignment: Many yoga poses focus on spinal alignment, core strength, and muscular balance, which can help improve posture and alleviate discomfort associated with poor alignment.
PO2	Technical Proficiency: Students develop a thorough understanding of yoga asanas (poses), pranayama (breathing techniques), and meditation practices.
PO3	Safe Practice: Instructors emphasize proper alignment and adjustments to prevent injuries and ensure students practice yoga safely.
PO4	Class Management: Instructors learn to manage class dynamics, pacing, and energy to create a supportive and engaging learning environment.
PO5	Effective Communication: Instructors cultivate effective communication skills to convey instructions clearly and provide individualized guidance to students.

CO	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3
Average	3	3	3	3	3



Class: M.A. Yoga ,4thSemester

Course Code: M.A.Y 402

Subject: Food & Nutrition

CO1	Understanding the principles of nutrition and their application in maintaining health and wellness.
CO2	Identifying the role of food in the practice of yoga and its impact on physical and mental well-being.
CO3	Exploring the connection between diet, digestion, and overall health from a yogic perspective.
CO4	Learning about traditional and modern dietary practices and their relevance to yoga.
CO5	Developing practical skills in meal planning and preparation that align with yogic principles.
CO6	Exploring the ethical and environmental aspects of food choices and their impact on health and the planet.

PO1	Demonstrate a comprehensive understanding of the principles of nutrition and their relevance to yoga and holistic health.
PO2	Apply knowledge of food and nutrition to create balanced and health-promoting diet plans for individuals and groups.
PO3	Evaluate dietary practices and make informed decisions about food choices based on yogic principles and scientific evidence.
PO4	Integrate concepts of food and nutrition into yoga teaching and practice to enhance physical, mental, and spiritual well-being.
PO5	The students will be able to apply knowledge and skills of Yoga, Kinesiological Aspect of Yoga.

CO	PO1	PO2	PO3	PO4	PO5	PO6
CO1	3	3	3	3	3	3
CO2	3	3	3	3	3	3
CO3	3	3	3	2	3	3
CO4	3	3	3	3	2	3
CO5	3	3	3	3	3	3
CO6	3	3	3	3	3	3
Average	3	3	3	2.8	2.8	3



Class: M.A.Yoga2nd Year, 4thSemester

Course Code: MAY 403

Subject: Kinesiological Aspect of Yoga

CO1	To acquaint students about meaning of Kinesiology, axis, plane, medical Terminologies of body positions and different body movements.
CO2	To develop understanding about functional classification muscles, their origin, insertion & functions of important muscles of the body.
CO3	To enable the students to have understanding about joints of upper extremity and structural & functional aspects of upper extremity joints (shoulder & elbow joint).
CO4	To acquaint the students to have knowledge about joints of Lower Extremity & structural and functional aspects of lower extremity joints (knee & hip joint)
CO5	This will enable the students to understand how Kinesiology and yoga can be integrated to maximize the understanding and benefits.

PO1	Demonstrate a comprehensive understanding of the principles of nutrition and their relevance to yoga and holistic health.
PO2	Apply knowledge of food and nutrition to create balanced and health-promoting diet plans for individuals and groups.
PO3	Evaluate dietary practices and make informed decisions about food choices based on yogic principles and scientific evidence.
PO4	Integrate concepts of food and nutrition into yoga teaching and practice to enhance physical, mental, and spiritual well-being.
PO5	Demonstrate practical skills in meal planning, preparation, and mindful eating that support a yogic lifestyle.
PO6	Communicate effectively about the relationship between food, nutrition, and yoga to promote holistic health in diverse populations.

CO	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	2	3
CO4	3	3	3	3	2
CO5	3	3	3	3	3
Average	3	3	3	2.8	2.8



Course Specific Outcome
&
Programme Specific Outcomes

For

M.A. HISTORY



The Following are the learning outcomes that we would like to see each History post graduate student with

- Capacity to explain how and why important events happen
- Understanding of the historical method of study
- A clear understanding of evidence collected from historical sources.
- Critical understanding of developments in historiography.
- Knowledge of the history of the India and 20th century Modern World.
- In formed familiarity with multiple cultures and diversity
- Awareness of current historical debates.
- Understand the skills that historians use in research.
- Students often learn how to conduct historical research including locating primary and secondary sourcing, accessing their reliability and synthesizing information.
- Effective writing and verbal communication skill are become able students to articulate historical arguments and finding coherently.

Awareness about the cultural heritage of Haryana, engaging with local communities, museums and historical sites.



Course Specific Outcome
&
Programme Specific Outcomes

For

M.A. HINDI



एम. ए. क्लदीं

पाठ्यक्रम पररणाम

एम. ए. पाठ्यक्रम क्लदीं से छात्ाएि द्नाद्वलच्छक्तमें सक्षम 5 र्गी।

1. आद्वनकु काल में रद्वितक्लदीं कद्वक्ताकी कद्वविप्रवृद्वियरिं कर म 5 त्वपणषू कद्वपरिं और कद्वक्ताओं िारा समझना ।
2. आद्वनकु काल में रद्वित कद्वविगद्यद्विओं का आलरिनात्मक अध्ययन ताद्वकउनक माध्यम से साद्वत्यएविं समाज के अंतर सबिं ि की जानकारी 5र सके ।
3. 1050 ई. से अब तक रद्वित क्लदीं साद्वत्यइद्वत 5ासकी द्वद्वविसरपानरिं के माध्यम से जानकारी ।
4. भार्ा एविं द्वज्ञान, करि द्वज्ञान, िैली द्वज्ञानद्वलक्षकी वैज्ञानक जानकारी प्रदान करना ।
5. जनजीवन में ग 5री फ़ै बनाने वाले कद्वकबीर की बानी की द्वगुणसाद्वत्यपरिं परा कर जानना ।
6. भारतीय एविं पश्चात्यकाव्यास्त्र में द्वद्वद्वविनरिं के वैाररक दद्विकरणरिं िारा काव्यास्त्र के द्वकसक्रम कर जानना ।
7. प्रयजनमूलक क्लदीं के माध्यम से कायालयष क्लदीं के बारे में जानना ।
8. प्रमिंे द की ि द्व न दा ि ं ु रिनाओं के जररए प्रमिंे द कर समग्रता से समझना ।
9. प्रािंीन एविं मध्यकालीन क्लदीं काव्य की द्वद्वि प्रवृद्वियरिं कर म 5 त्वपणषू कद्वपरिं एविं उनकी रिनाओं िारा समझना ।
10. भारतीय साद्वत्य और समाज के सामजस्य कर समझना ।

(1)

एम. ए. क्लदीं प्रथमवर्ष (प्रथमव द्वितीय

समेे स्त्र भार्ा द्वज्ञान एविं क्लदीं

भार्ा (कायषक्रम पररणाम)

1. भार्ा एविं भार्ा द्वज्ञानकी पररभार्ा एविं स्वरूप की सैद्विंद्वतक जानकारी प्रदान करना ।
2. स्नद्वज्ञानकी पररभार्ा एविं स्वरूप तथा वाक् उत्पादन प्रद्वक्याका ज्ञानदेना ।
3. रूपद्वज्ञान, वाक्य द्वज्ञान तथा अषद्वज्ञानके सैद्विंद्वतक जानकारी प्रदान करना ।
4. द्विंदी भार्ा का इद्वत 5ास एविं द्वकसक्रम का ज्ञानप्रदान करना ।
5. द्वद्वद्वज्ञानके सैद्विंद्वतक जानकारी देते हुए द्विंदीप्रार प्रसार में व्यच्छियरिं तथा सिस्थाओं के यग्दानकी जानकारी प्रदान करना ।



(2)

एम. ए. द्वितीय (प्रथम वर्ष) प्रथम
व द्वितीय समे (स्तर) द्वितीय
साहित्य का इतिहास (कायकष म
परणाम)

1. इतिहास का सविधि अतीत से 5रता
5ै और इसमें वास्तविक घनाओं और वतांति तरिका
ज्ञान 5रता 5ै इतिहासदिषन कल के माध्यम से सकिं ृ द्वा
का अध्ययन करता 5ै ।
2. इतिहासमानवीय सरकारिं की व्याख्या करने वाली एक द्विवा
5ै जर अतीत के सिंदभों से आगत कर प्रभाद्वत करती 5ै ।
3. द्विंदी साहित्य के इतिहास के अध्ययन के
माध्यम से नई
व्याख्या, नई प्रेरणा और नई दृष्टिसे आज के आलसकपूणषपथ का
मागष प्रिस्त करना ।
4. साहित्यइतिहासके लेखन की समस्याओ,िं लेखन परिं परा
काल द्विनिषरणकी जानकारी प्रदान करना ।
5. आद्वकाल के नामकरण और सीमा पररवि ,काव्य
प्रवद्विया,रासरिंृ काव्य परिं परा की जानकारी देना ।
6. भच्छि काल और रीद्वतकाल के समय,
पररवेिं, काव्यगत द्विविर्ताओं की जानकारी प्रदान करना ।
7. आद्वनकु काल के पररवेिं व भारतेंदु, द्विवेदी छायावादी,
डिर
छायावादी यगु के प्रवृद्विगत द्विविर्ताओं की जानकारी प्रदान
करना ।
8. द्विंदीगद्यद्विवाओं की जानकारी प्रदान करना ।



(3)

एम. ए. द्वितीय (प्रथम वर्ष) का
प्रथम-द्वितीय सेमेस्टर का द्वितीय
द्वितीय कक्षा का
कायक्रम परीक्षा

1. आदिवासी कक्षा की प्रमुख प्रवृत्तियों और परिणामों का
जागरूक बनाना।
2. छायावादी कक्षा का अतिरिक्त परिणामों के लिए प्रसाद
और द्वितीय से प्रवृत्तियों की कक्षाओं का पारिभाषिक
करण और प्रसाद और द्वितीय की रिपोर्टों की जानकारी के
साथ दक्षता प्रदान करना।
3. आदिवादी आंदोलन की प्रवृत्तियों में द्वितीय
कक्षा की
कक्षाओं उनके सामाजिक सरकारों और कलात्मक
द्वितीयों की जानकारी प्रदान करना।
4. प्रयोगवादी कक्षा और नई कक्षा आंदोलन की रिपोर्टों
के प्रवृत्तियों की कक्षाओं के माध्यम से समझना
5. आदिवासी कक्षा का कक्षाओं की
विकास परिणामों और प्रवृत्तियों की जानकारी।
6. प्रयोगवादी परिणामों में अज्ञेय जी के योगदान की जानकारी
प्रदान करना।
7. मुच्छिबरी और नगाजनुष के काव्य सारों से पररचित
करवाने के साथ-साथ उनकी यथाथितना और लक्ष्य की
जानकारी प्रदान करना।
8. स्वातंत्र्यरिणु और रघवीरु सहाय की
काव्यगत द्वितीयों की जानकारी प्रदान करना।



(4)

एम. एड्डिं दी (प्रथम वर्ष) (प्रथम व द्वितीय सेमेस्टर)
आिद्वनक गद्य साद्वत्य (कार्यक्रम पररणाम)

1. आिद्वनकु गद्य साद्वत्य नई सरि और नए दद्विकरण कर
द्वकद्वस्त करता 5ै।
2. आिद्वनकु गद्य साद्वत्य ने 5में
प्रत्यक्षता तथा पररक्षया पनजागरणषु के द्वाए
प्रस्ते द्वाया।
3. आिद्वनकु गद्य साद्वत्य पररवि और
मनष्यु के बीि के सबििंिं
कर खूबी समझता 5ै।
4. आिद्वनकु अध्याय साद्वत्य पररवि अवमल्यनू पर िर 7
करता
5ै।
5. प्रमिदिे कृ त 'गरदान' से यगीनु समस्याओं की जानकारी प्रदान
करना
6. आिायष 5जारी प्रसाद द्विर्दिे कृ त 'बाणभट्ट की
आत्मकथा' के माध्यम से ऐद्वत 5ाद्वसक पररदृश्य से अवगत
कराना।
7. म5ादेवी व्माषके 'अतीत के िलद्वित्' के माध्यम से
सामाद्वजक समस्याओं की जानकारी देना।
8. आिे -अिरूे ना7क के माध्यम से प्रयरग िद्वमताष ,
आिद्वनकु ता बरि की
जानकारी प्रदान करना।



9. जीवनी साद्वत्य में 'आवारा मसी 5ा' के स्थान का पररिय देना

(5)

एम. ए. द्विंदि (प्रथम वर्ष) (प्रथम व द्वितीय सेमेस्टर)
द्विर् रिनाकार प्रेमिंदि (कथषक्रम पररणाम)

1. प्रेमिंदि युगीन ढरूढ्थद्विर् का ज्ञानकरना ।
2. प्रेमिंदि की पूवषवती कथा परिंपरा से पररिय करना ।
3. प्रेमिंदि की कृ द्विर् के जरए प्रेमिंदि के यरगदान की जानकारी देना ।
4. प्रेमिंदि की िुद्वनिंदारिनाओं के माध्यम से उनकी समग्रता कर समझना ।
5. प्रेमिंदि के समकालीन और परवती रिनाकाररिं आलरिंकी की द्दि से प्रेमिंदि का पुनमूषल्यांिकन कर सकना ।
6. प्रेमिंदि के उपन्यासरिं में आदिष और यथाथषकी जानकारी देना ।
7. प्रेमिंदि की रिनाओं में सामाद्वजक िेतना कर समझना ।
8. प्रेमिंदि का पत्काररता के क्षेत् में यरगदान व उनकी प्रासिंद्वगकता की जानकारी देना ।



Course Specific Outcome
&
Programme Specific Outcomes

For

M.A. 2ND HINDI



एम. ए. द्विं दी

पाठ्यक्रम पररणाम

एम. ए. पाठ्यक्रम द्विं दी से छात्राएि द्वावल्लच्छामे सक्षम 5रगी ।

1. आिुद्वनक काल में रद्वित द्विं दीकद्ववताकी द्वावल्लविप्रवृद्वियरिं कर म5त्वपूणषकद्वव्यरिं और कद्ववताओिं िारा समझना ।
2. आिुद्वनक काल में रद्वित द्वावल्लविगद्वद्वविओिं का आलरिनात्मक अध्ययन ताद्वकउनक माध्यम से साद्वत्य एविं समाज के अंतर सिंबिं की जानकारी 5र सके ।
3. 1050ई. से अब तक रद्वित द्विं दीसाद्वत्य इद्वत5ास की द्वावल्लविसरपानरिं के माध्यम से जानकारी ।
4. भारा एविं द्वावल्लज्ञान, करि द्वावल्लज्ञान, िैली द्वावल्लज्ञानकी वैज्ञानक जानकारी प्रदान करना ।
5. जनजीवन में ग5री पैठ बनाने वाले कद्वकबीर की बानी की द्वावल्लगुणसाद्वत्य परिं परा कर जानना ।
6. भारतीय एविं पश्चात्य काव्यास्त्र में द्वावल्लभ्रद्वविानरिं के वैाररक द्वावल्लकरणरिं िारा काव्यास्त्र के द्वावल्लसक्रम कर जानना ।
7. प्रयरजनमूलक द्विं दीके माध्यम से कायाषलय द्विं दीके बारे में जानना ।
8. प्रेमिं द की िुद्वनिंदा रिनाओिं के जररए प्रेमिं द कर समग्रता से समझना ।
9. प्रािीन एविं मध्यकालीन द्विं दीकाव्य की द्वावल्लविप्रवृद्वियरिं कर म5त्वपूणष कद्वव्यरिं एविं उनकी रिनाओिं िारा समझना ।
10. भारतीय साद्वत्य और समाज के सामजस्य कर समझना ।

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एम. ए. द्विं दी(द्वितीय वर्ष)(तृतीय व ितुथष सेमेस्टर)

प्रािीन एविं मध्यकालीन काव्य (कायषक्रम पररणाम)

1. 'पृथ्वीराज रासर' के अध्ययन से आद्वदकालीन रास कद्वव्यरिं की प्रवृद्वियरिं कर समझना ।
2. द्वावल्लद्यापद्वत के अध्ययन के माध्यम से मैद्वथलकद्वकल की रिनाओिं में सिंाररत शृंंगार की द्वावल्लभ्रपक्षरिं कर द्वावल्लषद्वकया जाता 5ै ।
3. मध्यकाल के स्वणषयुग' भच्छि काल के म5ान कद्वव्यरिं कबीर, सूर, तुलसी के काव्य के अध्ययन से अनुभूद्वत, अद्वभव्यच्छि और वैाररकता के उत्कर्ष कर जानना ।
4. रीद्वतकालीन कद्ववद्वब5ारीकी भूद्वमका सतसई काव्य परिं परा में द्वावल्लब5ारी सतसई के स्थान के बारे में जानकारी प्रदान करना ।
5. भ्रमरगीत परिं परा और सूर के ब भ्रमरगीत की जानकारी देना ।
6. कबीर की सामाद्वजक द्वावल्लविरिना, दािषद्वनक द्वावल्लतिं न, भच्छि व काव्य द्वावल्लल्प की जानकारी देना

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एम. ए. (द्वितीय वर्ष) (तृतीय व
तृतीय व चतुर्थ वर्ष) (द्वितीय वर्ष) (तृतीय व चतुर्थ वर्ष)
स्ट्र) भारतीय एवं पश्चात्य काव्यास्त्र
(कायषक्रम पररणाम)

1. भारतीय काव्यास्त्र का पररिय देना ।
2. भारतीय काव्यास्त्र के द्वकसक्रम का पररिय देना ।
3. भारतीय काव्यास्त्र का मत्व और साद्वत्य में उसकी उपरद्वगता का पररिय देना ।
4. भारतीय काव्यास्त्र के द्वसद्वति रिं और सद्वद्वति क अविरणा की जानकारी देना ।
5. भारतीय काव्यास्त्र में साम्य वैर्म्य और उसके कारणरिं का ज्ञानकराना ।
6. पश्चात्य काव्यास्त्र का पररिय व द्वसद्वति रिं का ज्ञानकरना ।
7. नई समीक्षा के द्वसद्वति रिं की जानकारी प्रदान करना ।
8. आलरिना के द्वद्वविप्रणाद्वल्यरिं तथा नई अविरणाओं का पररिय देना ।

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एम. ए. द्वितीय वर्ष (तृतीय व चतुर्थ वर्ष) (द्वितीय वर्ष) (तृतीय व चतुर्थ वर्ष)
स्ट्र) भारतीय साद्वत्य (कायषक्रम पररणाम)

1. नाटक के माध्यम से समाज में फैली समस्याओं के प्रकृताओं को जागरूक करवाया जाता है ।
2. काव्य सभ्यता के माध्यम से जीवन-विर का ज्ञान कराया जाता है ।
3. उपन्यास के माध्यम से छात्रों में आदिषिरित एवं रिरियता की भावना पदाकरना ।
4. साद्वत्य समाज का दृष है। भारतीय साद्वत्यवतषमान समय की समस्याओं के प्रकृताओं को जागरूक करता है ।
5. साद्वत्य छात्रों में मानवीय एवं नद्वत क मूल्यरिं के द्वकसमें सहायक है ।

6. साद्वत्य के माध्यम से समाज सिरु एवं एकता की भावना को बढ़ावा देना ।

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एम. ए. द्वितीय वर्ष (तृतीय व

वर्ष) के छात्रों के लिए प्रयोज्य परीक्षा

के लिए कार्यक्रम परीक्षा

1. प्रयोज्य परीक्षा के लिए आवश्यक जानकारी देना।
2. अनुवाद परीक्षा के लिए आवश्यक जानकारी व महत्व बताना।
3. जनसंचार माध्यमों की आवश्यकता तथा लिखने की प्रक्रिया को समझाना।
4. किं प्रयोज्य परीक्षा के लिए आवश्यक व्यावहारिक जानकारी और परीक्षा के लिए आवश्यक जानकारी प्रदान करना।
5. राजस्थान द्वितीय वर्ष के लिए जानकारी देना।
6. कालापीठ राजस्थान के प्रमुख प्रकारों की जानकारी देना।
7. प्रयोज्य परीक्षा के लिए जानकारी प्रदान करना।
8. प्रयोज्य परीक्षा के लिए आवश्यक जानकारी देना।

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एम. ए. द्वितीय वर्ष (तृतीय

वर्ष) के छात्रों के लिए प्रयोज्य परीक्षा

के लिए कार्यक्रम परीक्षा

1. कबीर दास के समाज सारक रूप की जानकारी देना।
2. समकालीन सिंदूर में कबीर के महत्व को समझना।
3. कबीर के ज्ञान और प्रेम के माध्यम से समाज की सफाई करने का प्रयास करना।
4. द्वापार भक्ति के स्वरूप की जानकारी प्रदान करना।
5. कबीर के रसवादी भावना की जानकारी प्रदान करना।
6. अद्वैत के समय में कबीर की प्रसन्नता के लिए आवश्यक जानकारी देना।
7. कबीर के स्त्री द्वैत के लिए जानकारी देना।
8. कबीर दास जी की काव्यगत द्वैत को समझाना और राजस्थान की जानकारी देना।



Course Specific Outcome
&
Programme Specific Outcomes

For

M.COM



PROGRAMME OUTCOME OF MCOM COURSE

PO1-Business Knowledge: Apply knowledge of business and trade theories and practices to solve business problems.

PO2-Critical Thinking and Problem Analysis: Foster Analytical and critical thinking abilities for data based decision-making.

PO3-Leadership and Business Solutions: Ability to develop Value based Leadership ability that offers business solutions.

PO4-Communication and Other Skills: Ability to understand, analyse and communicate global, economic, legal, and ethical aspects of business.

PO5- Team Dynamics and Teaching Skills: Ability to lead themselves and others in the achievement of organizational goals, contributing effectively to a team environment and teaching skills in higher education system.

MC-101 MANAGEMENT PROCESS AND ORGANISATIONAL BEHAVIOR

Time Allowed: 3 Hours

EXTERNAL-60

INTERNAL-40

Note:-The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. The maximum time allotted for the External Exam/Major Test is 03 (three) hours.

Course Outcomes:

CO1	Students will be able to recall the concepts of management process and organizational behaviour.
CO2	Students will be able to understand individual and group behaviour, and understand the implications of organizational behaviour on the process of management.
CO3	Students will be able to employ different motivational theories and evaluate motivational strategies used in a variety of organizational settings.
CO4	Students will be able to appraise the basic design elements of organizational structure and evaluate their impact on employees.
CO5	Students will be able to evaluate how organizational change and culture affect working relationships within organizations.
CO6	Students will be able to design strategies to manage individual, group and organizational behaviour



CO-PO MAPPING MATRIX FOR COURSE CODE:MCOM101

CO	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	2	2
CO2	3	2	3	3	3
CO3	3	3	3	2	2
CO4	3	2	3	3	3
CO5	3	3	3	3	2
CO6	3	2	3	2	3
AVERAGE	3	2.5	3	2.5	2.5

MC-102 BUSINESS ENVIRONMENT**Time Allowed: 3 Hours****EXTERNAL-60****INTERNAL-40**

Note:-The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. The maximum time allotted for the External Exam/Major Test is 03 (three) hours.

Course Outcomes:

CO1	Students will be able to define and trace all the indicators of micro and macro environment affecting business organizations
CO2	Students will be able to identify and illustrate the impact, challenges and opportunities of all environmental indicators on business organizations
CO3	Students will be able to apply and demonstrate the gathered knowledge about how the various laws and other national and international policies influence the organizations in order to take proactive measures so that organizational effectiveness is maintained.
CO4	Students will be able to distinguish and examine the necessary techniques and skills that help them in handling the organization's global and national issues efficiently.
CO5	Students will be able to evaluate and value the importance of environment within which a business organization has to sustain itself successfully
CO6	Students will be able to design and develop their approaches and systems in maintaining coherence both at micro and macro level



CO-PO MAPPING MATRIX FOR COURSE CODE:MCOM102

CO	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	2	2
CO2	3	2	3	3	3
CO3	3	3	3	2	2
CO4	3	2	3	3	3
CO5	3	3	3	3	2
CO6	3	2	3	2	3
AVERAGE	3	2.5	3	2.5	2.5

MC-103 Managerial Economics**Time Allowed: 3 Hours****EXTERNAL-60****INTERNAL-40**

Note:-The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. The maximum time allotted for the External Exam/Major Test is 03 (three) hours.

Course Outcomes:

CO1	Students will be able to define the terms associated with managerial economics.
CO2	Students will be able to explain different theories of managerial economics.
CO3	Students will be able to apply the models of managerial economics in business decisions.
CO4	Students will be able to examine the demand and supply forces and their effect on pricing and output related decisions.
CO5	Students will be able to evaluate the effectiveness of various models and theories of managerial economics in demand, supply, production and costs related decision making procedures.
CO6	Students will be able to create the competitive strategies to ensure optimum utilisation of resources.



CO-PO MAPPING MATRIX FOR COURSE CODE:MCOM103

CO	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	2	2
CO2	3	2	3	3	3
CO3	3	3	3	2	2
CO4	3	2	3	3	3
CO5	3	3	3	3	2
CO6	3	2	3	2	3
AVERAGE	3	2.5	3	2.5	2.5

MC-104 FINANCIAL ACCOUNTING AND REPORTING**Time Allowed: 3 Hours****EXTERNAL MARKS-60****INTERNAL MARKS -40**

Note:-The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. The maximum time allotted for the External Exam/Major Test is 03 (three) hours.

CO1	Students will be able to describe various accounting concepts and principles.
CO2	Students will be able to recognize the usefulness of Financial Accounting & Reporting and its applications in the business.
CO3	Students will be able to apply the principles, postulates and techniques of accounting for planning and decision making.
CO4	Students will be able to differentiate between various types of accounting and reporting practices being followed within the organisation.
CO5	Students will be able to appraise the performance of organisations with the help of financial statements presented at the end of the year.
CO6	Students will be able to formulate advanced policy structure comprising of all accounting information required for controlling deviations in the performance.



CO-PO MAPPING MATRIX FOR COURSE CODE:MCOM104

CO	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	2	2
CO2	3	2	2	3	2
CO3	3	3	2	2	2
CO4	3	2	3	3	2
CO5	3	3	3	3	2
CO6	3	2	2	2	2
AVERAGE	3	2.5	2.5	2.5	2

MC-105 BUSINES STATISTICS**Time Allowed: 3 Hours****EXTERNAL MARKS-60****INTERNAL MARKS -40**

Note:-The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. The maximum time allotted for the External Exam/Major Test is 03 (three) hours.

Course Outcomes:

CO1	Students will be able to recall different terms used in statistics.
CO2	Students will be able to understand the different methods used in statistics.
CO3	Students will be able to apply the knowledge of statistics in their future studies as well as in corporate sector also.
CO4	Students will be able to analyse the importance of statistics in business.
CO5	Students will be able to evaluate the proficiency of statistical methods in an industry or business.
CO6	Students will be able to assemble the different methods of statistics for the well being of business.



CO-PO MAPPING MATRIX FOR COURSE CODE:MCOM105

CO	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	2	2
CO2	3	2	2	3	2
CO3	3	3	2	2	2
CO4	3	2	3	3	2
CO5	3	3	3	3	2
CO6	3	2	2	2	2
AVERAGE	3	2.5	2.5	2.5	2

MC-106 ECOMMERCE**Time Allowed: 3 Hours****EXTERNAL MARKS-60****INTERNAL MARKS -40**

Note:-The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. The maximum time allotted for the External Exam/Major Test is 03 (three) hours.

Course Outcomes:

CO1	Students will be able to outline the type of decisions taken at different levels of organisation.
CO2	Students will be able to explain the process of strategic decision making in an organisation.
CO3	Students will be able to apply various tools to assess business environment.
CO4	Students will be able to differentiate among various stages of strategic management starting from strategy formulation to its evaluation.
CO5	Students will be able to evaluate the strategy which best fits in achieving the organisational goals.
CO6	Students will be able to develop a framework of how an organisation actually works by developing policies and strategies.



CO-PO MAPPING MATRIX FOR COURSE CODE:MCOM106

CO	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	2	2
CO2	3	3	2	3	3
CO3	3	3	2	2	3
CO4	3	3	3	3	2
CO5	3	3	3	3	3
CO6	3	3	2	2	2
AVERAGE	3	3	2.5	2.5	2.5

MC-107 Seminar on Indian Ethos, Computer Applications in Business, Contemporary Issues in Cyber Security and Modern Business (Internal)

Time Allowed: 1 Hour

INTERNAL EXAMINATION:- 50

Course Outcomes:

CO1	Students will be able to define the concept and scope of the seminar topic of their interest relating to Indian ethos or contemporary issues in business.
CO2	Students will be able to review an existing issue related to business that can help them to get ahead.
CO3	Students will be able to illustrate the possible managerial relevance and implication of the specific issue they have approached.
CO4	Students will be able to appraise the relevance of arguments prepared for the topic under consideration.
CO5	Students will be able to defend difference in opinion towards a topic.
CO6	Students will be able to develop their presentation skills.

>CO-PO MAPPING MATRIX FOR COURSE CODE:MCOM107

CO	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	2	3
CO2	3	3	2	3	3
CO3	3	3	2	2	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3
CO6	3	3	2	2	3
AVERAGE	3	3	2.5	2.5	3



MC-201 INTERNATIONAL BUSINESS**Time Allowed: 3 Hours****EXTERNAL MARKS-60****INTERNAL MARKS -40**

Note:-The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. The maximum time allotted for the External Exam/Major Test is 03 (three) hours.

Course Outcomes:

CO1	Students will be able to describe the different concepts and terms used in the literature of International Business.
CO2	Students will be able to identify the importance of tariffs, theories, modes, foreign exchange market, international organization and strategies.
CO3	Students will be able to illustrate and interpret the macroeconomic changes that affect the international business.
CO4	Students will be able to examine the recent practices followed across functional areas of international business.
CO5	Students will be able to evaluate the strategic alliance, merger and acquisition, joint venture and regulation of international business.
CO6	Students will be able to design international business strategies

CO-PO MAPPING MATRIX FOR COURSE CODE:MCOM107

CO	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	2	2
CO2	3	3	2	3	3
CO3	3	3	2	2	3
CO4	3	3	3	3	2
CO5	3	3	3	3	3
CO6	3	3	2	2	2
AVERAGE	3	3	2.5	2.5	2.5



MC-202 FINANCIAL MANAGEMENT**Time Allowed: 3 Hours****EXTERNAL MARKS-60****INTERNAL MARKS -40**

Note:-The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. The maximum time allotted for the External Exam/Major Test is 03 (three) hours.

Course Outcomes:

CO1	Students will be able to outline the basic framework of financial management.
CO2	Students will be able to explain the role of financial management for financial decision making in business
CO3	Students will be able to apply various theories of capital structure and dividend policy.
CO4	Students will be able to examine risk in capital budgeting decisions
CO5	Students will be able to select various sources of finance with evaluation of their cost.
CO6	Students will be able to create working capital policy for organization.

CO-PO MAPPING MATRIX FOR COURSE CODE:MCOM202

CO	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	2	2
CO2	3	3	2	3	3
CO3	3	3	2	2	3
CO4	3	3	3	3	2
CO5	3	3	3	3	3
CO6	3	3	2	2	2
AVERAGE	3	3	2.5	2.5	2.5



MC-203 MARKETING MANAGEMENT**Time Allowed: 3 Hours****EXTERNAL MARKS-60****INTERNAL MARKS -40**

Note:-The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. The maximum time allotted for the External Exam/Major Test is 03 (three) hours.

Course Outcomes:

CO1	Students will be able to recall and describe the fundamental concepts related to marketing.
CO2	Students will be able to describe the different approaches of marketing and environment in which marketing systems operate.
CO3	Students will be able to demonstrate an understanding of the 4Ps used by the marketers
CO4	Students will be able to examine the upcoming trends of marketing in the ever dynamic business world.
CO5	Students will be able to evaluate the marketing strategies and programmes of different products in real world.
CO6	Students will be able to design a marketing plan for real world market offering (product/ service).

CO-PO MAPPING MATRIX FOR COURSE CODE:MCOM203

CO	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	2	3
CO2	3	3	2	3	3
CO3	3	3	2	2	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3
CO6	3	3	2	2	3
AVERAGE	3	3	2.5	2.5	3



MC-204 HUMAN RESOURCE MANAGEMENT**Time Allowed: 3 Hours****EXTERNAL MARKS-60****INTERNAL MARKS -40**

Note:-The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. The maximum time allotted for the External Exam/Major Test is 03 (three) hours.

Course Outcomes:

CO1	Students will be able to recall the terms associated with Human Resource Management.
CO2	Students will be able to discuss various HR practices used in the business world.
CO3	Students will be able to apply various HR practices.
CO4	Students will be able to compare and contrast HR practices across companies.
CO5	Students will be able to evaluate the effectiveness of HR practices adopted in the organizations.
CO6	Students will be able to create and design the HR strategies related to coping in dynamic business environment

CO-PO MAPPING MATRIX FOR COURSE CODE:MCOM204

CO	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	3	3
CO2	3	3	2	2	3
CO3	3	3	2	2	3
CO4	3	3	3	3	3
CO5	3	3	3	2	3
CO6	3	3	2	3	3
AVERAGE	3	3	2.5	2.5	3



MC-205 MANAGEMENT AND COST ACCOUNTING**Time Allowed: 3 Hours****EXTERNAL MARKS-60****INTERNAL MARKS -40**

Note:-The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. The maximum time allotted for the External Exam/Major Test is 03 (three) hours.

Course Outcomes:

CO1	Students will be able to define the basic concepts in the field of Management Accounting
CO2	Students will be able to recognize the contribution of Management and Cost Accounting in quality decision making.
CO3	Students will be able to apply various methods and techniques of Management and cost Accounting to optimize the utilization of the resources.
CO4	Students will be able to appraise the utility of different methods in finding optimal solutions of the managerial problems.
CO5	Students will be able to evaluate the performance and suitability of different methods used for efficient utilization of the resources.
CO6	Students will be able to formulate the budgets and interpret the results produced by the applied models.

CO-PO MAPPING MATRIX FOR COURSE CODE:MCOM205

CO	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	3	3
CO2	3	3	2	2	3
CO3	3	3	2	2	3
CO4	3	3	3	3	3
CO5	3	3	3	2	3
CO6	3	3	2	3	3
AVERAGE	3	3	2.5	2.5	3



MC-206 RESEARCH METHODOLOGY**Time Allowed: 3 Hours****EXTERNAL MARKS-60****INTERNAL MARKS -40**

Note:-The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. The maximum time allotted for the External Exam/Major Test is 03 (three) hours.

Course Outcomes:

CO1	Students will be able to relate with the basic understanding of research methodology in the changing business scenario.
CO2	Students will be able to identify and classify the application of analytical techniques to face the tasks aimed at fulfilling the objective of business decision making.
CO3	Students will be able to apply and demonstrate an understanding of ethical dimensions of conducting research.
CO4	Students will be able to distinguish and examine the necessary experimental techniques that help in scientific decision making.
CO5	Students will be able to judge and support best alternatively relating to the practices learnt through research methods.
CO6	Students will be able to assemble and formulate advanced ways of taking decisions in a logical manner.

CO-PO MAPPING MATRIX FOR COURSE CODE:MCOM206

CO	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	3	3
CO2	3	3	2	2	3
CO3	3	3	2	2	3
CO4	3	3	3	3	3
CO5	3	3	3	2	3
CO6	3	3	2	3	3
AVERAGE	3	3	2.5	2.5	3



MC-301 CORPORATE GOVERNANCE AND BUSINESS ETHICS**Time Allowed: 3 Hours****EXTERNAL MARKS-60****INTERNAL MARKS -40**

Note:-The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. The maximum time allotted for the External Exam/Major Test is 03 (three) hours.

Course Outcomes:

CO1	The students will be able to list various constituents of entrepreneurship development.
CO2	The students will be able to identify the various environmental factors affecting entrepreneurship development
CO3	The students will be able to demonstrate skills to develop business plan at individual level.
CO4	The students will be able to examine the feasibility of a business.
CO5	The students will be able to evaluate the funding alternatives available for entrepreneurs.
CO6	The students will be able to develop and implement a business plan.

CO-PO MAPPING MATRIX FOR COURSE CODE:MCOM206

CO	PO1	PO2	PO3	PO4	PO5
CO1	3	2	3	3	3
CO2	3	3	2	2	3
CO3	3	2	2	2	3
CO4	3	3	3	3	3
CO5	3	2	3	2	3
CO6	3	3	2	3	3
AVERAGE	3	2.5	2.5	2.5	3



MC-302 BUSINESS LEGISLATION**Time Allowed: 3 Hours****EXTERNAL MARKS-60****INTERNAL MARKS -40**

Note:-The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. The maximum time allotted for the External Exam/Major Test is 03 (three) hours.

Course Outcomes:

CO1	Students will be able to define laws applicable to a business.
CO2	Students will be able to classify different laws and explain their specific purpose.
CO3	Students will be able to illustrate cases of law and interpret own manner to solve the problems of business class
CO4	Students will be able to examine company laws and compare it with previous laws before amendment of 2013
CO5	Students will be able to evaluate the existing business laws in India and analyse their importance
CO6	Students will be able to formulate guidelines according to regulatory framework of an organization

CO-PO MAPPING MATRIX FOR COURSE CODE:MCOM302

CO	PO1	PO2	PO3	PO4	PO5
CO1	3	2	3	3	3
CO2	3	3	2	2	3
CO3	3	2	2	2	3
CO4	3	3	3	3	3
CO5	3	2	3	2	3
CO6	3	3	2	3	3
AVERAGE	3	2.5	2.5	2.5	3



MC-comprehensive viva-voce**Time Allowed: 3 Hours****EXTERNAL MARKS-100**

Note:-The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. The maximum time allotted for the External Exam/Major Test is 03 (three) hours.

Course Outcomes:

CO1	Student will be able to recall the important terms related to core and general courses of management.
CO2	Students will be able to explain their understanding about learnings from the programme.
CO3	Students will be able to demonstrate their soft and hard skills.
CO4	Students will be able to examine their own spontaneity, mannerisms and presence of mind which will help them in introspection for future such events (Job Interviews).
CO5	Students will be able to defend the knowledge about their respective field. Students will be able to assemble their experiences gained during the programme.
CO6	Student will be able to recall the important terms related to core and general courses of management.

CO-PO MAPPING MATRIX FOR COURSE CODE:MCOM401

CO	PO1	PO2	PO3	PO4	PO5
CO1	3	2	3	3	3
CO2	3	3	2	2	3
CO3	3	2	2	2	3
CO4	3	3	3	3	3
CO5	3	2	3	2	3
CO6	3	3	2	3	3
AVERAGE	3	2.5	2.5	2.5	3



OE-308 COMPUTER APPLICATION IN BUSINESS AND CYBER SECURITY

Time Allowed: 3 Hours

**EXTERNAL MARKS-60
INTERNAL MARKS -40**

Note:-The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. The maximum time allotted for the External Exam/Major Test is 03 (three) hours.

Course Outcomes:

CO1	Students will be able to relate with various software related to office application..
CO2	Students will be able to explain and identify electronic data transfer takes place and will be able to handle data base management systems.
CO3	Students will be able to use and operate telecommunication networks which are most commonly used in organizations.
CO4	Students will be able to question and test the various operations of the internet.
CO5	Students will be able to evaluate and examine the perspectives of cyber security hence bearing ethical responsibility.
CO6	Students will be able to develop solutions for real-life problems based on computer applications and cyber security.

CO-PO MAPPING MATRIX FOR COURSE CODE:OE-308

CO	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	3	3
CO2	3	3	2	2	3
CO3	3	3	2	2	3
CO4	3	3	3	3	3
CO5	3	3	3	2	3
CO6	3	3	2	3	3
AVERAGE	3	3	2.5	2.5	3



MC-332 LABOUR LAW**Time Allowed: 3 Hours****EXTERNAL MARKS-60****INTERNAL MARKS -40**

Note:-The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. The maximum time allotted for the External Exam/Major Test is 03 (three) hours.

Course Outcomes:

CO1	Students will be able to list the labor laws and related terminology.
CO2	Students will be able to explain the importance of various labor legislations.
CO3	Students will be able to apply the knowledge of labor laws in their working organizations.
CO4	Students will be able to appraise the implementation of various labor laws.
CO5	Students will be able to evaluate the practical implementation of various labor laws.
CO6	Students will be able to develop various case laws pertaining to labour issues for corporate sector.

CO-PO MAPPING MATRIX FOR COURSE CODE:MCH-332

CO	PO1	PO2	PO3	PO4	PO5
CO1	3	2	3	3	3
CO2	3	3	2	2	3
CO3	3	2	2	2	3
CO4	3	3	3	3	3
CO5	3	2	3	2	3
CO6	3	3	2	3	3
AVERAGE	3	2.5	2.5	2.5	3



MCH-331 HUMAN RESOURCE PLANNING**Time Allowed: 3 Hours****EXTERNAL MARKS-60****INTERNAL MARKS -40**

Note:-The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. The maximum time allotted for the External Exam/Major Test is 03 (three) hours.

Course Outcomes

CO1	Students will be able to recall different terms used in Human Resource Planning.
CO2	Students will be able to explain conceptual framework of HRP.
CO3	Students will be able to demonstrate the process of HRP.
CO4	Students will be able to compare job related techniques.
CO5	Students will be able to evaluate practical solutions of problems related to manpower planning in the organization.
CO6	Students will be able to develop their own model of HR planning suitable to the organization.

CO-PO MAPPING MATRIX FOR COURSE CODE:MCH-331

CO	PO1	PO2	PO3	PO4	PO5
CO1	3	2	3	3	3
CO2	3	3	2	2	3
CO3	3	2	2	2	3
CO4	3	3	3	3	3
CO5	3	2	3	2	3
CO6	3	3	2	3	3
AVERAGE	3	2.5	2.5	2.5	3



MCM-321MARKETING OF SERVICES**Time Allowed: 3 Hours****EXTERNAL MARKS-60****INTERNAL MARKS -40**

Note:-The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. The maximum time allotted for the External Exam/Major Test is 03 (three) hours.

Course Outcomes:.

CO1	Students will be able to relate service and technology.
CO2	Students will be able to classify services and recognize service challenges.
CO3	Students will be able to use marketing research as a tool to understand customers and to deploy employees for service delivery.
CO4	Students will be able to examine the reasons of service failure and implementing strategies to recover it.
CO5	Students will be able to evaluate delivery and performance of services.
CO6	Students will be able to construct service design and standards.

CO-PO MAPPING MATRIX FOR COURSE CODE:MCH-321

CO	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	3	3
CO2	3	3	2	2	3
CO3	3	3	2	2	3
CO4	3	3	3	3	3
CO5	3	3	3	2	3
CO6	3	3	2	3	3
AVERAGE	3	3	2.5	2.5	3



MCM-325 LOGISTICS MANAGEMENT**Time Allowed: 3 Hours****EXTERNAL MARKS-60****INTERNAL MARKS -40**

Note:-The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. The maximum time allotted for the External Exam/Major Test is 03 (three) hours.

COURSE OUTCOME:

CO1	Students will be able to recall the terms used in logistics.
CO2	Students will be able to describe the importance of logistics.
CO3	Students will be able to apply the concepts of logistics for marketing.
CO4	Students will be able to appraise the components related to logistics.
CO5	Students will be able to evaluate the dynamics of physical distribution functions.
CO6	Students will be able to create an efficient logistics system for an organization.

CO-PO MAPPING MATRIX FOR COURSE CODE:MCM-325

CO	PO1	PO2	PO3	PO4	PO5
CO1	3	2	3	3	3
CO2	3	3	3	2	3
CO3	3	2	3	2	3
CO4	3	3	3	3	3
CO5	3	2	3	2	3
CO6	3	3	3	3	3
AVERAGE	3	2.5	3	2.5	3



MCM-421RETAIL MANAGEMENT**Time Allowed: 3 Hours****EXTERNAL MARKS-60****INTERNAL MARKS -40**

Note:-The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. The maximum time allotted for the External Exam/Major Test is 03 (three) hours.

Course Outcomes:

CO1	Students will be able to define the different terms used in the retail sector.
CO2	Students will be able to identify the current retail structure in India.
CO3	Students will be able to demonstrate the insights of retailing and related key activities.
CO4	Students will be able to appraise the importance of retailing and its role in the success of modern businesses.
CO5	Students will be able to evaluate the current marketing scenario and identify retail opportunities thereof.
CO6	Students will be able to develop a retail plan for opening up a retail store.

CO-PO MAPPING MATRIX FOR COURSE CODE:MCM-421

CO	PO1	PO2	PO3	PO4	PO5
CO1	3	2	3	3	3
CO2	3	3	2	3	3
CO3	3	2	2	3	3
CO4	3	3	3	3	3
CO5	3	2	3	3	3
CO6	3	3	2	3	3
AVERAGE	3	2.5	2.5	3	3



MCM-425 DIGITAL AND SOCIAL MEDIA MARKETING**Time Allowed: 3 Hours****EXTERNAL MARKS-60****INTERNAL MARKS -40**

Note:-The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. The maximum time allotted for the External Exam/Major Test is 03 (three) hours.

Course Outcomes:

CO1	Students will be able to define various terms used in the field of digital and social media marketing.
CO2	Students will be able to explain the procedures used in planning and implementation of digital and social media marketing.
CO3	Students will be able to illustrate existing digital and social media marketing strategies.
CO4	Students will be able to distinguish the utility of various social media platforms for promoting a brand.
CO5	Students will be able to select the most suitable social media platform to market a brand.
CO6	Students will be able to design a social media marketing strategy for a brand.

CO-PO MAPPING MATRIX FOR COURSE CODE:MCM-425

CO	PO1	PO2	PO3	PO4	PO5
CO1	3	2	3	3	3
CO2	3	3	3	2	3
CO3	3	2	3	2	3
CO4	3	3	3	3	3
CO5	3	2	3	2	3
CO6	3	3	3	3	3
AVERAGE	3	2.5	3	2.5	3



MCH-431 PERFORMANCE MANAGEMENT**Time Allowed: 3 Hours****EXTERNAL MARKS-60****INTERNAL MARKS -40**

Note:-The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. The maximum time allotted for the External Exam/Major Test is 03 (three) hours.

Course Outcomes:

CO1	Students will be able to recall different terms used in performance management.
CO2	Students will be able to identify various performance management practices.
CO3	Students will be able to interpret various performance management techniques.
CO4	Students will be able to compare performance management practices of different companies.
CO5	Students will be able to evaluate the implementation of various performance management practices.
CO6	Students will be able to develop a performance management model for corporate sector.

CO-PO MAPPING MATRIX FOR COURSE CODE:MCH-431

CO	PO1	PO2	PO3	PO4	PO5
CO1	3	2	3	3	3
CO2	3	3	2	2	3
CO3	3	2	2	2	3
CO4	3	3	3	3	3
CO5	3	2	3	2	3
CO6	3	3	2	3	3
AVERAGE	3	2.5	2.5	2.5	3



MCH-432 LABOUR WELFARE AND SOCIAL SECURITY**Time Allowed: 3 Hours****EXTERNAL MARKS-60****INTERNAL MARKS -40**

Note:-The students shall be required to attempt five questions in all selecting one question from each unit in addition to the compulsory Question No. 1. All questions shall carry equal marks. The maximum time allotted for the External Exam/Major Test is 03 (three) hours.

Course Outcomes:

CO1	Students will be able to recall different terms used in labour welfare and social security.
CO2	Students will be able to describe the labour inspection system in factories.
CO3	Students will be able to illustrate various social welfare facilities.
CO4	Students will be able to compare various welfare facilities provided by employers in factories.
CO5	Students will be able to evaluate the various social security measures provided to employees in factories.
CO6	Students will be able to develop labour welfare and social security measures for the employees of middle scale organisations.

CO-PO MAPPING MATRIX FOR COURSE CODE:MCH-432

CO	PO1	PO2	PO3	PO4	PO5
CO1	3	2	3	3	3
CO2	3	3	2	2	3
CO3	3	2	2	2	3
CO4	3	3	3	3	3
CO5	3	2	3	2	3
CO6	3	3	2	3	3
AVERAGE	3	2.5	2.5	2.5	3



Course Specific Outcome
&
Programme Specific Outcomes

For

M.SC MATHEMATICS



Outcomes

At the end of post Graduate Program at Fateh Chand college for women , a student will have obtained :

PO1	Attained Expertise in Discipline
PO2	Learnt Ethical Principles and be committed to Professional Ethics
PO3	Incorporated Self-directed and Life-long Learning
PO4	Attained Maturity to respond to one's calling

PROGRAM SPECIFIC OUTCOMES

At the end of M.Sc. Mathematics at FATEH CHAND College FOR WOMEN , a student will have developed :

PS01	Develop a strong base in theoretical and applied Mathematics.
PS02	Acquire their analytical thinking, logical deductions and rigor in reasoning.
PS03	Analyze data quantitatively and create the ability to access and communicate mathematical information.



M.Sc Mathematics first year

(First Semester)

Course Name : Algebra

Course Code : MAL-511

At the end of the course, the students will be able to:

CO1	Students will be introduced to and have knowledge of many mathematical concepts studied in algebra such as central series , solvable groups.
CO2	Students will see and understand the connection and transition between previously studied mathematics and more advanced mathematics.
CO3	Communicate with other positively with problems relevant to problems in modern algebra.
CO4	Solve problems relevant to modern algebra.



Course Name: Real Analysis

Course Code: MAL-512

At the end of the course, the students will be able to:

CO1	Attainment of a deeper and wider knowledge of Sequence and Series of Functions and uniform convergence.
CO2	Understand the concept of Riemann-Stieltjes integral along its properties; integration of vector-valued functions with application to rectifiable curves.
CO3	gain confidence in proving theorems and solving problems
CO4	Solving problems relating to determinations of measures of finite, infinite sets.

Name: Mechanics

Course Code: MAL-513

At the end of the course, the students will be able to

CO1	Apply Newton's laws of motion and conservation principles.
CO2	Law of inertia relate with daily life
CO3	Formulate important results and theorems covered by the course.
CO4	Use the theory, methods and techniques of the course to solve problems.



Course Name: Ordinary Differential Equation-I

Course Code: MAL-514

At the end of the course, the students will be able to:

CO1	Understand the qualitative behavior of various initial and boundary value problems for ordinary differential equations which arise in applications.
CO2	Sturms separation and comparison theorems.
CO3	Obtain solutions for systems of ordinary differential equations using various tools of linear algebra
CO4	Solve problems in ordinary differential equations, dynamical systems, stability theory, and a number of applications to scientific and engineering problems.

Course Name : Complex Analysis-I

Course Code: MAL- 515

At the end of the course, the students will be able to:

CO1	Understand the complex numbers provide a satisfying extension of the real numbers.
CO2	Know the fundamental concepts of complex analysis.
CO3	Solve the problems using complex analysis techniques applied to different situations in engineering and other mathematical contexts.
CO4	Taylor series of a complex variable illuminating the relationship between real function that seem unrelated-e.g. exponentials and trig functions.



Course Name: Programming with Fortran (Theory)

Course Code: MAL-516

At the end of the course, the students will be able to:

CO1	To introduce different features of Fortran, input output statement, arithmetic expressions, conditional statement, looping.
CO2	To study about formate specifications in output input statement, strings, derived data type.
CO3	To study about logical expressions, functions, generic functions and different arrays of different dimensions.
CO4	To recognize the difference in sequential and direct access file , pointer , module and differential in Fortran 90 & 95.

Second Semester

Course Name: Abstract Algebra

Course Code: MAL-521

At the end of the course, the students will be able to:

CO1	Understand the basic concepts of Modules.
CO2	Students will be introduced to and have knowledge of many mathematical concepts studied in abstract mathematics such as Canonical Forms , transformations, nilpotency .
CO3	Solve problems relevant to modern algebra.
CO4	Apply the knowledge of Algebra to attain a good mathematical maturity and enables to build mathematical thinking and reasoning.



Course Name: Measure and Integration Theory

Course Code: MAL-522

At the end of the course, the students will be able to:

CO1	The theories and concepts used in the real analysis.
CO2	Apply the knowledge of concepts of functions of several variables and measure theory in order to study theoretical development of different mathematical concepts and their applications.
CO3	Extend their knowledge of Lebesgue theory of integration by selecting and applying its tools for further research in this and other related areas.
CO4	Having a better idea of the theory of integration and contribute to this classical field of knowledge by solving various problems.

Course Name: Methods of Applied Mathematics

Course Code: MAL-523

At the end of the course, the students will be able to:

CO1	Know Application of Fourier transform to solve ordinary and partial differential equation.
CO2	Students will be able to manipulate vectors to perform geometrical calculations in 3D as well as calculations that may arise in solving mechanical problems.
CO3	Explain the concepts of probability, including conditional probability.
CO4	Summarize the main features of a data set and test statistical hypotheses , regression and correlation.



Course Name: Ordinary Differential Equation-II

Course Code: MAL-524

At the end of the course, the students will be able to:

CO1	Understand the difference between linear and non linear differential equations .
CO2	Solve problems in ordinary differential equations, dynamical systems, stability theory, and a number of applications to scientific and engineering problems.
CO3	Using foundations of calculus of variations and of its applications in mathematics and physics.
CO4	Apply theory developed in the course to solve unseen problems.

Course Name: Complex Analysis-II

Course Code: MAL-525

At the end of the course, the students will be able to:

CO1	Understand and relate with previous knowledge.
CO2	equip with necessary knowledge and skills to enable them handle mathematical operations, analyses and problem solving involving complex numbers.
CO3	Develop concepts of conformality.
CO4	Understand infinite products.



Course Name: Advanced Numerical Methods

Course Code: MAL-526

At the end of the course, the students will be able to:

CO1	Attain mastery to solve problems using interpolation.
CO2	Obtain the solution of Numerical differentiation and Integration.
CO3	Find solutions of system of equations using direct methods and Iteration methods for linear and non - linear system
CO4	Acquire knowledge of Numerical methods to find solution of Ordinary Differential Equations



M.Sc Mathematics Second Year

(Third Semester)

Course Name: Topology

Course Code: MAL-631

At the end of the course, the students will be able to:

CO1	Apply her knowledge of general topology to formulate and solve problems of a topological nature in mathematics and other fields where topological issues arise.
CO2	Think independently, Set tasks and solve problems on ethical scientific basis relevant to Topology
CO3	Identify the steps required to carry out a piece of research on a topic within Mathematical Logic and Topology.
CO4	Use information and communication technology to discuss problems relevant to Topology.

Course Name : Partial Differential equations

Course Code: MAL-632

At the end of the course, the students will be able to :

CO1	Find solutions of partial differential equations and determine the existence, uniqueness of solution of partial differential equations.
CO2	Classify partial differential equations.
CO3	Understand the importance of Partial differential equations in science.
CO4	Use various methods to solve the homogeneous and non-homogeneous wave equations in different coordinate systems.



Course Name :Mechanics of Solids-1

Course Code :MAL-633

At the end of the course, the students will be able to:

CO1	Get familiar with Cartesian tensors, as generalization of vectors, and their properties which are used in the analysis of stress and strain
CO2	Understand the physical meaning of strain components.
CO3	Use different types of elastic symmetries to derive the stress-strain relationship for isotropic elastic materials for applications to architecture and engineering.
CO4	Easily relate in higher studies.

(Elective Course)

Course Name: Analytic number theory

Course Code: MAL-635

At the end of the course, the students will be able to:

CO1	Discuss quadratic residue and quadratic reciprocity laws.
CO2	Understand symmetric polynomials, modules and algebraic numbers
CO3	Illustrate different factorizations
CO4	Familiarize Primitive roots and reduced residue systems



(Elective Course)

Course Name: Advanced Discrete Mathematics

Course Code: MAL-637

At the end of the course, the students will be able to:

CO1	Understand and apply the principles of Mathematical Induction, Strong Induction and Structural Induction
CO2	Efficiency in handling with discrete structures.
CO3	Ability to apply combinatorial intuitions in network theory, data structure and various other fields of science.
CO4	Analyze characterization of special graphs.



Fourth Semester

Course Name: Functional Analysis

Course Code: MAL-641

At the end of the course, the students will be able to:

CO1	Familiarize with Normed Spaces and their properties.
CO2	Understand the designs and usage of operators between two spaces along with their applications.
CO3	Understand the major links between mathematics and its applications.
CO4	get sufficient background to understand the more advanced concepts to undertake further research.

Course Name: Differential geometry

Course Code: MAL-642

At the end of the course, the students will be able to:

CO1	Understand concepts of curves in space and other related concepts like tangent, principal normal, binormal etc.
CO2	Understand the theory of surfaces introduces the fundamental quadratic forms of a surface, intrinsic and extrinsic geometry of surfaces, and the Gauss-Bonnet theorem.
CO3	Know the vector-valued functions of a real variable and their curves and in turn the geometry of such curves including curvature, torsion and the Serret-Frenet .
CO4	Apply theory developed in the course to solve unseen problems.



Course Name: Mechanics of Solid-II

Course Code: MAL-643

At the end of the course, the students will be able to:

CO1	Understand the concepts of plane strain, plane stress, Airy stress function.
CO2	Learn viscoelastic models, correspondence principle of viscoelasticity & its application to the Deformation of a viscoelastic Thick-walled tube in Plane strain.
CO3	Understand different types of waves
CO4	Easily relate with science

Elective Course

Course Name: Integral equations

Course Code: MAL-644

At the end of the course, the students will be able to:

CO1	Construct of Green's function.
CO2	Solutions of the Abel's Integral Equations.
CO3	Solve singular, Cauchy and Hilbert integral equation.
CO4	Relate the previous knowledge in higher studies.

Elective Course

Course Name: Algebraic coding theory

Course Code : MAL-647

At the end of the course, the students will be able to:

CO1	Understand the concept of encoding and decoding.
CO2	Explain various bounds on linear codes.
CO3	Understand various tools to obtain new linear codes out of old ones
CO4	Study BCH codes and their parameters.



Course Specific Outcome
&
Programme Specific Outcomes

For

PG DIPLOMA IN YOGA



Class: PG Diploma in Yoga, 1st Semester

Course Code-PGDY111

Subject: Foundations of Yoga

CO1	Students will understand the concept of yoga in ancient and modern time, its application and misconception in modern society.
CO2	Students will able to gain knowledge about various schools of yoga like Hatha Yog, Bhakti Yog etc.
CO3	Students will able to gain information about various famous yogis such Maharishi Patanjali, Guru GorakshNath, Swami Vivekananda etc. And their contribution in development of yoga.
CO4	Students will able to gain information about various yoga institutes functioning in India and their contribution towards professional growth of Yoga.
CO5	The students will be in a position to appreciate the Yogic way of living, which they can include in their life style and will be prepared to teach others the benefits of same.
PO1	Philosophical Inquiry and Self-Reflection: Students are encouraged to engage in philosophical inquiry and self-reflection to deepen their understanding of yoga and its relevance to their lives. This may involve journaling, group discussions, or contemplative practices.
PO2	Integration into Daily Life : Ultimately, the aim of a fundamentals of yoga course is to empower students to integrate the principles and practices of yoga into their daily lives. This may involve establishing a personal home practice, incorporating mindfulness into daily activities, and applying yoga philosophy to navigate life's challenges with greater resilience and equanimity.
PO3	Awareness of the connection between mind, body, and breath: Yoga emphasizes the interconnections of the mind, body, and breath. Students learn to synchronize movement with breath, cultivate body awareness, and develop mindfulness in their daily lives.
PO4	Understanding basic yoga philosophy and principles: This involves learning about the history and philosophy of yoga, including its roots in ancient Indian scriptures such as the Yoga Sutras of Patanjali. Students explore concepts such as the eight limbs of yoga, the importance of mindfulness, and the role of yoga in promoting holistic well-being.
PO5	Cultural Context and Diversity: Recognizing the cultural origins of yoga and honoring its diverse traditions is an important aspect of yoga education. Students learn about the historical and cultural context of yoga and explore how it has evolved and adapted over time.



CO	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3
Average	3	3	3	3	3

Class: P.G.Diploma in Yoga, 2nd Semester

Course Code- PGDY 213

Subject: Alternative Therapy

CO1	Students will gain a deep understanding of yoga therapy principles and practices, including how yoga can be used to prevent and manage various health conditions.
CO2	To introduce yoga as a science of Holistic living and not merely as yoga postures.
CO3	Students will learn how to adapt yoga practices to meet the needs of individuals with specific health conditions, such as chronic pain, stress-related disorders, and respiratory ailments.
CO4	Students will learn how to integrate yoga into healthcare settings, working collaboratively with healthcare professionals to promote health and well-being.
CO5	To create professional therapist of high calibre who know the concepts, techniques and can handle lifestyle disease under the guidance of a super specialist doctor to select safe specific practices for different disease.
CO6	Personal Practice and Self-Care: Students will develop a personal yoga practice that supports their own health and well-being, recognizing the importance of self-care for healthcare providers.



PO1	Graduates will demonstrate an advanced understanding of Alternative therapy principles and practices, including the ability to design and implement therapeutic yoga programs for individuals with specific health conditions.
PO2	Ability to effectively use Yoga, Naturopathy and Alternative Therapy as a therapeutic modality through the integration of diverse approaches to this Therapy.
PO3	Graduates will have developed advanced research skills related to yoga and health, including the ability to design and conduct research studies in the field of yoga therapy.
PO4	Graduates will have developed effective communication skills to communicate the benefits of yoga for health and well-being to a variety of audiences, including healthcare professionals and the general public.
PO5	Select and create modern appropriate techniques in the application of Yoga, Naturopathy and Alternative Therapy.
PO6	Personal Practice and Self-Care: Students will be aware and updated with the research advances and developments in the field of Yogic science and Alternative Therapy.

CO	PO1	PO2	PO3	PO4	PO5	PO6
CO1	3	3	3	3	3	3
CO2	3	3	3	3	3	3
CO3	3	3	3	3	3	3
CO4	3	3	3	3	3	3
CO5	3	3	3	3	3	3
CO6	3	3	3	3	3	3
Average	3	3	3	3	3	3



Class: PG Diploma in Yoga,1st Semester

Course Code- PGDY 113

Subject:Shrimadbhagvad Geeta & Shankhya Karika

CO1	To understand the relevance and scope of Bhagwat Gita and Sankhya Karika.
CO2	To know the nature of Atmaswarupa and Shtitaprajna.
CO3	To develop the basic concept of Karma Yog, Jnana Yog and Bhakti Yog.
CO4	Knowledge of Trigunas, nature of Prakriti, Pacchis tattvo ka parichay.
CO5	To know the buddhi ke lakshan & Dharm, sukshma sharir.

PO1	Understand the significance of Bhagwat Gita and its relevance.
PO2	Know the concept of Atman, Paramatman, Shtitaprajna.
PO3	Have a deep understanding of Nishkama Karma and devotion in day to day life.
PO4	Understand the knowledge of Trigunas, nature of Prakriti, Pacchis tattvo ka parichay.
PO5	Learn the basic knowledge of buddhi & sukshma sharir.

CO	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3
Average	3	3	3	3	3



Class:P.G. Diploma in Yoga(PGDY)

Course Code:PGDY-112

Subject:Hath Yogic Text

CO1	Comprehensive understanding of classical hatha yoga texts, including the philosophical, theoretical, and practical aspects.
CO2	Ability to interpret and analyze hatha yoga texts in their historical and cultural context.
CO3	Proficiency in traditional hatha yoga practices, such as asanas, pranayama, mudras, and bandhas.
CO4	Development of research skills to explore and analyze hatha yoga texts and practices.
CO5	Enhanced communication skills to convey the teachings of hatha yoga effectively.
CO6	Skills to integrate the teachings of hatha yoga texts into personal practice and teaching.

PO1	Deep understanding of traditional hatha yoga texts, including Hathapradipika, GherandaSamhita, and Shiva Samhita.
PO2	Ability to interpret and analyze the philosophical and practical aspects of hatha yoga..
PO3	Knowledge of the historical and cultural context of hatha yoga.
PO4	Enhanced research skills related to hatha yoga texts and practices.
PO5	Development of a personal philosophy of yoga based on the study of hatha yoga texts.
PO6	Ability to apply the teachings of hatha yoga texts in personal practice and teaching.

CO	PO1	PO2	PO3	PO4	PO5	PO6
CO1	3	2	3	2	3	2
CO2	2	3	3	3	2	2
CO3	3	3	3	2	2	3
CO4	3	2	3	3	2	3
CO5	3	3	2	3	2	2
CO6	2	3	3	3	3	2
Average	2.6	2.6	2.8	2.6	2.3	2.3



Class: PG Diploma in Yoga, 2nd Semester

Course Code-PGDY212

Subject: Health, Diet and Yoga Therapy

CO1	Understanding of Yoga Therapy: Students will gain a deep understanding of yoga therapy principles and practices, including how yoga can be used to prevent and manage various health conditions.
CO2	Knowledge about Mental Health: Students will be able to understand their mental health and role of Yoga & Yogic Diet in enhancing mental health.
CO3	Application of Yoga for Specific Health Conditions: Students will learn how to adapt yoga practices to meet the needs of individuals with specific health conditions, such as chronic pain, stress-related disorders, and respiratory ailments.
CO4	Integration of Yoga into Healthcare Settings: Students will learn how to integrate yoga into healthcare settings, working collaboratively with healthcare professionals to promote health and well-being.
CO5	Personal Practice and Self-Care: Students will develop a personal yoga practice that supports their own health and well-being, recognizing the importance of self-care for healthcare providers.
CO6	Professional Development: Students will be prepared for careers in yoga therapy, healthcare, wellness coaching, or related fields, with a strong foundation in the health aspects of yoga.

PO1	Advanced Understanding of Yoga Therapy: Graduates will demonstrate an advanced understanding of yoga therapy principles and practices, including the ability to design and implement therapeutic yoga programs for individuals with specific health conditions.
PO2	Integration of Yoga into Healthcare Settings: Graduates will be able to integrate yoga into healthcare settings, working collaboratively with healthcare professionals to promote health and well-being.
PO3	Research Skills: Graduates will have developed advanced research skills related to yoga and health, including the ability to design and conduct research studies in the field of yoga therapy.
PO4	Effective Communication: Graduates will have developed effective communication skills to communicate the benefits of yoga for health and well-being to a variety of audiences, including healthcare professionals and the general public.
PO5	Personal Practice and Self-Care: Graduates will have developed a personal yoga practice that supports their own health and well-being, recognizing the importance of self-care for healthcare providers.
PO6	Professional Development: Graduates will be prepared for careers in yoga therapy, healthcare, wellness coaching, or related fields, with a strong foundation in the health aspects of yoga.



CO	PO1	PO2	PO3	PO4	PO5	PO6
CO1	3	3	3	3	3	3
CO2	3	3	3	3	3	3
CO3	3	3	3	3	3	3
CO4	3	3	3	3	3	3
CO5	3	3	3	3	3	3
CO6	3	3	3	3	3	3
Average	3	3	3	3	3	3

Class:P.G. Diploma in Yoga(PGDY)
Course Code:PGDY-261(Practical-II)
Subject:Yoga Skill and Prowess-II

CO1	Advanced proficiency in yoga asanas
CO2	Deepened understanding of yoga philosophy
CO3	Enhanced teaching abilities
CO4	Expanded pranayama and meditation practices
CO5	Integration of yoga into daily life
CO6	Cultural and ethical understanding

PO1	Advanced Practical Skills: Develop advanced proficiency in performing a wide range of yoga asanas (postures) with correct alignment, precision, and awareness.
PO2	Deepened Understanding of Yogic Philosophy: Gain a deeper insight into the philosophical foundations of yoga, including its history, principles, and various schools of thought.
PO3	Enhanced Teaching Abilities: Develop the skills necessary to lead yoga classes effectively, including sequencing, cueing, and adapting practices to suit different individuals and contexts.
PO4	Expanded Pranayama and Meditation Practices: Deepen your understanding and practice of pranayama (breathing techniques) and meditation, including their effects on the mind, body, and emotions.
PO5	Integration of Yoga into Daily Life: Learn how to integrate yoga principles and practices into your daily routine for overall well-being and spiritual growth.
PO6	Cultural and Ethical Understanding: Develop an appreciation for the cultural and ethical aspects of yoga, including its roots in Indian culture and the importance of ethical conduct (yamas and niyamas).



CO	PO1	PO2	PO3	PO4	PO5	PO6
CO1	3	3	3	3	3	3
CO2	3	3	3	3	3	3
CO3	3	3	3	3	3	3
CO4	3	3	3	3	3	3
CO5	3	3	3	3	3	3
CO6	3	3	3	3	3	3
Average	3	3	3	3	3	3

Class:P.G. Diploma in Yoga(PGDY)

Course Code:PGDY-262

Subject: Yoga Teaching and Internship

CO1	Teaching Skills:Develop the ability to teach yoga classes effectively, including sequencing, cueing, and adjusting postures.
CO2	Yoga Philosophy: Understand the philosophical foundations of yoga, including its history, principles, and various paths (such as Raja, Bhakti, Karma, and Jnana yoga).
CO3	Anatomy and Physiology: Gain knowledge of human anatomy and physiology relevant to yoga practice, including biomechanics, the nervous system, and the musculoskeletal system.
CO4	Practical Experience: Gain hands-on experience teaching yoga through internships or practicum opportunities in various settings, such as studios, gyms, or wellness centers.
CO5	Professional Development: Learn about the business aspects of yoga teaching, including marketing, ethics, and creating a sustainable career as a yoga instructor.
CO6	Self-Practice: Develop a personal yoga practice that supports your physical, mental, and spiritual well-being.



PO1	Teaching Competence: Graduates will demonstrate the ability to plan, sequence, and deliver yoga classes that are safe, effective, and inclusive.
PO2	Yoga Philosophy: Graduates will have a deep understanding of the philosophical and historical foundations of yoga and how these principles can be integrated into their teaching..
PO3	Anatomy and Physiology: Graduates will have a solid understanding of human anatomy and physiology as it relates to yoga practice, allowing them to teach in a way that promotes safe movement and alignment.
PO4	Practical Experience: Graduates will have completed a supervised internship or practicum where they have gained hands-on experience teaching yoga in a real-world setting.
PO5	Professional Development: Graduates will understand the business and ethical aspects of being a yoga teacher, including how to market themselves, manage a yoga business, and maintain professional boundaries.
PO6	Self-Practice: Graduates will have developed a personal yoga practice that supports their physical, mental, and spiritual well-being, serving as a foundation for their teaching.

CO	PO1	PO2	PO3	PO4	PO5	PO6
CO1	3	3	3	3	3	3
CO2	2	3	3	3	2	2
CO3	3	3	3	2	3	3
CO4	3	2	3	3	2	3
CO5	3	2	2	2	3	2
CO6	3	2	3	3	3	3
Average	2.8	2.5	2.8	2.6	2.6	2.6



