# Fateh Chand College For Women, Hisar



Course Specific Outcome &

Programme Specific Outcomes SESSION –(2022-2023)

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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**

- 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**

- 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> <li>Understand and apply the fundamental concepts, principles, and theories of computer science.</li> <li>Demonstrate knowledge of various programming languages, algorithms, and data structures.</li> <li>Understand the architecture, organization, and functioning of computer systems, including hardware and software components.</li> <li>Demonstrate knowledge of database management systems, networking, and cyber security principles.</li> </ul>
PO2	Problem Solving and Critical Thinking:	<ul> <li>Analyze and solve complex computational problems using algorithmic thinking and problem-solving techniques.</li> <li>Apply mathematical and logical reasoning to design and develop efficient algorithms and software solutions.</li> <li>Evaluate and assess the performance, reliability, and efficiency of computer systems and software applications.</li> </ul>
PO3	Programming and Software Development:	<ul> <li>Develop, debug, and maintain software applications using various programming languages, frameworks, and tools.</li> <li>Apply software engineering principles and practices to design, develop, and test software systems.</li> <li>Collaborate effectively in a team environment to develop and deliver software projects.</li> </ul>
PO4	Computer Systems and Architecture:	<ul> <li>Understand the architecture, organization, and functioning of computer systems, including hardware and software components.</li> <li>Design and implement computer systems and components to meet specific requirements and constraints.</li> <li>Demonstrate knowledge of operating systems, computer networks, and communication technologies</li> </ul>
PO5	Database Management and Information Systems	<ul> <li>Design, implement, and manage database systems, understand database architectures, and use SQL and other query languages.</li> <li>Understand and design information systems to meet organizational needs and requirements.</li> <li>Demonstrate knowledge of data modelling, normalization, and database optimization techniques.</li> </ul>
РО6	Cyber security and Networking	<ul> <li>Implement security measures to protect data and information systems from threats and vulnerabilities.</li> <li>Understand computer networks, protocols, and communication technologies.</li> <li>Design and implement secure and reliable computer networks and communication systems</li> </ul>
РО7	Communication and Professional Skills	<ul> <li>Communicate effectively and professionally, both orally and in writing, with technical and non-technical audiences.</li> <li>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</li> </ul>
PO8	Lifelong Learning and Adaptability	<ul> <li>Engage in continuous learning, self-assessment, and professional development to adapt to evolving technologies and industry trends.</li> <li>Demonstrate the ability to learn independently, acquire new skills and knowledge, and apply them effectively in various contexts.</li> </ul>



# **Course Outcomes (Cos)**

### B.Sc 1st Year:-

SEMESTER	COURSE CODE	COURSE NAME	COURSE OUTCOMES		
			CO1	Knows the terms of motherboard, CPU, RAM, ROM, BIOS.	
	CCSL-104		CO2	Identifies and explains computers hardware	
		Computer Fundamental	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/	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	
POs									
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	
			CO1	Illustrate the flowchart and design an algorithm for a given problem and to develop IC programs using operators.
	CCsL-105		CO2	Develop conditional and iterative statements to write C programs
1 <sup>ST</sup> Semester		Programming in C	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 OUTCOM	IES
			CO1	Performing basic editing functions, formatting text, copy and moving objects, text. the formatting skills on paragraphs, tables, lists, and pages
1 <sup>ST</sup> Semester	CCsP-109 Cor	Computer Lab-I	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 OUT	COMES
			CO1	Identify, understand and apply different number systems and codes.
			CO2	Understand the digital representation of data in a computer system
	CCsL-205	CO4 Understand consolve problem requirements	Understand the general concepts in digital logic design, including logic elements, and their use in combinational and sequential logic circuit design.	
2 <sup>ND</sup> Semester			CO4	Understand computer arithmetic formulate and solve problems, understand the performance requirements of system
		COS	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 OUTCO	)MES
	2 <sup>ND</sup> 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.
		ŭ	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	
		CO1	Be able to design and analyse the time and space efficiency of the data structure ·	
2 <sup>nd</sup> Semester	CCsP-209	Computer Lab-II	CO2	Be capable to identity 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 2<sup>ND</sup> Year:-

SEMESTER	COURSE CODE	COURSE NAME	COURSE OUTC	OMES	
		Database Management System		CO1	Describe the fundamental elements of relational database management systems
3 <sup>rd</sup>			CO2	Design ER-models to represent simple database application scenarios	
Semester	CCsL-304		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		
	Semester CCsL-305		CO1	Understands the different services provided by Operating System at different level	
<b>b</b> rd			CO2	They learn real life applications of Operating System in every field.	
Semester		SL-305 Operating System	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				
	şrd		CO1	Description of protection and security.			
3 <sup>rd</sup>			CO2	Query a database using SQL DML/DD commands			
Semester	CCsL-309	Computer Lab-III	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/	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
POs								
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 OUTCO	DMES
	CCsL-404		CO1	Understand the process to be followed in SDLC
<b>∆</b> th		Software	CO2	Apply design and testing principles to software project development & Design Methodologies
Semester		Engineering	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 OU	TCOMES
	CCsL-405		CO1	Analyse the functioning of data communication and Computer network
		Computer Network	CO2	Understand the effects of using different networking topologies. Analyse specifies and design the topological and routing strategies for an IP based networking infrastructure
Semester			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 OUTCOME	ES .
		Computer Lab- IV	CO1	Identify and use various networking components. Implement device sharing on network
4 <sup>th</sup> Semester	CCsL-409		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 3<sup>RD</sup> Year:-

SEMESTER	COURSE CODE	COURSE NAME	COURSE OUTCOM	ES
	5 <sup>th</sup> Semester CCsl-503	Object Oriented Programming	CO1	Describe OOPs concepts and Use functions and pointers in your C++ program
5 <sup>th</sup> Semester			CO2	Understand tokens, expressions, and control structures
	using C++	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							
			CO1	Analyse and interpret data using an ethically responsible approach.						
5 <sup>th</sup> Semester	CCsl-504	Data Analytics	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 OUTCOM	ИES
		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.
5 <sup>th</sup> Semester			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 <sup>th</sup> 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 OUTCO	OMES
			CO1	Understand the basics of computer graphics, different graphics systems and applications of computer graphics
-11	CCSI-603 Computer Graphics	CO2	Discuss various algorithms for scan conversion and filling of basic objects and their comparative analysis	
Semester			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 OU	TCOMES
			CO1	How to use lists, tuples, and dictionaries in Python programs
6 <sup>th</sup>	6 <sup>th</sup> Semester CCsl-604 Python Programming	CO2	To define the structure and components of a Python program.	
Semester		•	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 OUT	COMES
6 <sup>th</sup>		Computer Lab- VI	CO1	To understand the fundamental concepts of most programming languages and the trade - off between language design and implementation
Semester	CCsl-609		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 CCsl-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 leamers 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 Modem Tool	Ability to use and leam latest techniques, skills and modern tools for practices in businesses.
PO6	Life-Long Leaming	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 impotance of working independently and in a team.
P10	Environment and Sustainability	Development of a responsible entrepreneur who are environmentallysensitive and understands the importance of sustainable development.
P11	Ethics	Awareness on legal, social and ethical issues in business



Internal marks:30

Time: 3Hours

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.

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 properitor.

СО	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
AVER	2.5	2.5	2.5	2.5	2.5	2.75	2.5	2.75	2.75	2	2
AGE											



BCOM 102: MICROECONOMICS	External Marks: 70
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Internal marks:30

Time: 3Hours

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.

CO1	Understand the basic concepts, Nature and scope of microeconomics, circular flow, positive and normative economics, deductive and inductive methods, production possibility frontier, theoryof 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	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	3	2.5	2.5	2.75	3	2.25	3	3	2	2.5	2.5
AGE											



BCOM 103: Principle of Management.	External Marks: 70
Time: 3Hours	Internal marks:30

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.

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.

СО	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	2.5	2.75	2.5	2.75	2.5	2.75	2.5	2.5	2.75	2.75	3
AGE											



BCOM 104:COMPUTER APPLICATION IN BUSINESS	External marks:70
Time: 3Hours	Internal marks:30

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.

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.

СО	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

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.

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.

СО	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	3	3	3	2.5	2.5	2.5	2.5	2.5	2.5	2	2
AGE											



#### EVS-201L

EXTERNAL MARKS:70

Time: 3Hours Internalmarks:30

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.

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:EVS201L

СО	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	2.75	2.5	2.5	2.75	2.5	2.5	2.25	2.25	2	2	1.75
AGE											



BCOM 201: FINANCIAL ACCOUNTING-II	External Marks: 70
	Internal marks:30

Time: 3Hours

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.

CO1	Understand the theoretical framework of Royalty Account and consignment Account. Prepare the ledger accounts of Royality 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 .

СО	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

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.

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 .

СО	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
AVER AGE	3	2.5	2.5	2.75	3	2.25	2.75	2.75	2	2.5	2.5



BCOM-202 MANAGERIAL ECONOMICS	External marks70
Time: 3Hours	internal marks-30

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.

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	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10	PO1
											1
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	3	2.5	2.5	2.75	3	2.25	2.75	2.75	2	2.5	2.5
RAG											
Ε											



BCOM-203 BUSINESS COMMUNICATION	External marks -70
Time: 3Hours	Internal marks-30

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.

CO1	Understand the mearing 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.

СО	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 marks70
Time: 3Hours	Internal marks-30

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.

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	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	2.75	2.25	2.75	2.25	2.5	2.75	2.75	2.5	2.5	2.5	2.75
RAG											
Е											



BCOM205 Organisational Behaviour	External marks -70	
Time: 3Hours	Internal marks-30	

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.

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	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	2.75	2.25	2.75	2.25	2.5	2.75	2.75	2.5	2.5	2.5	2.75
RAG											
Е											



BCOM206 Business Environment	External marks70
Time: 3Hours	Internal marks-30

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.

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	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10	PO1
											1
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	3	2.5	2.5	2.75	3	2.25	2.75	2.75	2	2.5	2.5
RAG											
Е											



BCOM-301	External marks -70
Time: 3Hours	Internal marks-30

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.

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.

СО	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10	PO1
											1
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	3	2	3	3	3	3	3	2	2	1	1
RAG											
E											



BCOM-302 Business statistics	External marks -70
Time: 3Hours	Internal marks-30

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.

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	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	3	2	3	3	3	3	3	2	2	2	2
RAG											
Е											



BCOM-303 Business Laws	External marks -70
Time: 3Hours	Internal marks-30

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.

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.								

СО	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	2.5	2.5	2.75	2.25	2.5	2.75	2.5	2.5	2.5	2.25	2.25
RAG											
Е											



BCOM-304 COMPUTERISED ACCOUNTING SYSTEM. practical marks-30	External marks -40
Time: 3Hours	Internal marks-30

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.

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 .

СО	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	2.2	2.5	2.7	2.5	2.5	2.5	2.2	2.25
			5	5		5				5	



BCOM-305Indian financial system	External marks -70
Time: 3Hours	Internal marks-30

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.

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.
	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	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	3	2	2.75	3	3	2	2.75	2	2	2.25	2
RAG											
E											



BCOM-306(i )Rural marketing	External marks -70					
Time: 3Hours	Internal marks-30					

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.

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	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	3	2	2.75	3	3	2.75	2.75	2.5	2.75	2.75	3
RAG											
Е											



BCOM-401 COST ACCOUNTING	External marks -70
Time: 3Hours	Internal marks-30

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.

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.									

СО	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	3	2	2.75	3	3	2.75	2.75	2.5	2.75	2.75	3
RAG											
Е											



BCOM-402 Business statistics	External marks -70
Time: 3Hours	Internal marks-30

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.

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	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10	PO1
											1
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	3	2	2.75	3	3	2.75	2.75	2.5	2.75	3	3
RAG											
E											



BCOM-403 Auditing	External marks70
Time: 3Hours	Internal marks-30

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.

	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.

СО	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10	PO1 1
604	2	2	2	2	2	2	2	2	2	2	
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	2.5	2.5	2.75	2.25	2.5	2.75	2.5	2.5	2.5	2.25	2.25
RAG											
Ε											



BCOM-404 Company law	External marks -70
Time: 3Hours	Internal marks-30

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.

CO	)1	Understand the concept of company and its legal framework related to the formation of company
CO	)2	Gain knowledge about prospectus and requisitions of valid meeting; voting, proxy and resolutions; kinds of general body meetings.
CO	)3	Master in understanding the qualification, appointment and removal of directors, duties and liabilities of directors; remuneration of directors and investigation etc.
CO	)4	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	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	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
AVE	3	2.5	2.75	2.25	2.5	2.75	2.5	2.5	2.5	2.5	2.5
RAG											
A Landelle	Market Control										

BCOM-405: ENTREPRENEURSHIP DEVELOPMENT.	External marks -70
Time: 3Hours	Internal marks-30

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.

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.

СО	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	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	2.75	2.5	2.5	2.25	2.5	2.75	2.5	2.5	3	3	2.5
RAG											
E											



BCOM-406: RETAIL MANAGEMENT.	External marks70
Time: 3Hours	Internal marks-30

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.

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	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	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	2.75	2.5	2.5	2.25	2.5	2.75	2.5	2.5	2.5	2.75	2.5
RAG											
E											



BCOM-501 COST ACCOUNTING	(old scheme)	External marks-70
Time: 3Hours		Internal marks-30

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.

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.

СО	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	3	2	2.75	3	3	2.75	2.75	2.5	2.75	2.75	3
RAG											
Ε											



BCOM-502 FINANCIAL MGT (old scheme)	External marks-70
Time: 3Hours	Internal marks-30

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.

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	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10	PO1
											1
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
AVE	3	2	3	3	3	2.75	2.75	2.5	3	3	3
RAG											
E											



BCOM-503 goods and services tax (old scheme)	External marks-70				
Time: 3Hours	Internal marks-30				

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.

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	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10	PO1
											1
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
AVE	3	2	3	3	3	2.75	2.75	2.5	3	3	3
RAG											
E											



BCOM-504 Income tax (old scheme)	External marks-70
Time: 3Hours	Internal marks-30

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.

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	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
AVE	3	2	3	3	3	2.75	2.75	3	3	3	3
RAG											
E											



BCOM-505 Auditing (Old Scheme)	External marks -70
Time: 3Hours	Internal marks-30

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.

\_

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	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	2.5	2.5	2.75	2.25	2.5	2.75	2.5	2.5	2.5	2.25	2.25
RAG											
E											



BCOM-506supply chain management (old scheme)	External marks-70
Time: 3Hours	Internal marks-30

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.

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	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	3	2	3	3	3	2.5	2.5	3	3	3	3
RAG											
E											



BCOM-601 management Accounting (old scheme)	External marks-70
Time: 3Hours	Internal marks-30

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.

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	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	3	2.5	3	3	3	2.5	2.5	3	3	3	3
RAG											
Е											



BCOM-602 fundamental of insurance (old scheme)	External marks-70
Time: 3Hours	Internal marks-30

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.

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	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	3	2.5	3	3	3	2.5	2.5	3	3	3	3
RAG											
Ε											



BCOM-603human resource management (old scheme)	External marks-70
Time: 3Hours	Internal marks-30

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.

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	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
AVE	3	2.5	2.75	3	3	2.5	2.5	3	3	3	3
RAG											
E											



BCOM-605Income Tax-II(old scheme)	External marks-70
Time: 3Hours	Internal marks-30

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.

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	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
	AVE	3	2.5	2.75	3	3	2.5	2.5	3	3	3	3
, is	MAG											
1	Mi	No.										

BCOM-606Retail management (old scheme)	external marks-70				
Time: 3Hours	internal marks-30				

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.

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	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
AVE	3	2.5	2.75	3	3	2.5	2.5	3	3	3	3
RAG											
Е											



Course Specific Outcome &
Programme Specific Outcomes

For GEOGRAPHY



Name of the Programme: Bachelor of Arts (GEOGRAPHY)

**Duration: Three Years** 

# **PROGRAMME OUTCOMES (POs)**

PROGE	RAMME 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. 1<sup>ST</sup> YEAR

SEMESTER	COURS E CODE	COURSE NAME	COURSE	OUTCOMES
1 <sup>ST</sup> semester	GEOG- 101 (Theor	Geography of India	CO1	Provides understanding about the physical structure of India.
	у)		CO2	Enrichment of understanding about the human resources endowment.
				CO3
			CO4	Enhancement of knowledge about spatial distribution of industries, transport and communication.

CO- PO Mapping Matrix for course code GEOG-101								
Cos/	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
POs								
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 <sup>ST</sup> semester	GEOG(P)- 102	Map, scale	CO1	Knowledge about cartographic skill.	
	(Practical )		CO2	Provides understanding about map scales. Measurement skill of distance and areas on map.	
			CO4	Enhancement of knowledge about enlargement and reduction of map.	

		CO- PC	) Mappir	ıg Matrix	for cours	e code G	EOG(P)-1	L <b>02</b>
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 OUTCO	MES
2 <sup>ND</sup> 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	COURS E CODE	COURSE NAME	COURSE OUTCOMES		
2 <sup>ND</sup> Semester	GEOG(P )-104 (Practic	Representation of physical features	CO1	Knowledge about different type of topographical maps.	
	al)		CO2	Provides understanding about methods of relief representation.	
			CO3	Enhancement of skills of relief representation.	
			CO4	Knowledge of drawing of landform profiles.	

CO- PO Ma	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. 2<sup>ND</sup> YEAR**

SEMESTER	COURSE CODE	COURSE NAME	COURSE OUTCOMES	
3 <sup>RD</sup> Semester	GEOG-201 Physical (Theory) 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.
		C04	Familiarization with the oceanic floor and circulation.	

	CO- PO Mapping Matrix for course code GEOG-201							
COs/	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
POs								
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
Aver	3.0	3.0	2.0	2.0	1.0	2.0	3.0	2.0
age								



SEMESTE R	COUR SE CODE	COURSE NAME	COURSE OUTCOMES			
3 <sup>rd</sup> Semester	GEOG( P)-202	Representation of Climatic data	CO1	Capability of measurement of climatic data.		
	(Practi cal)		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/	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
POs								
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 <sup>TH</sup> Semester	GEOG- 203	Human Geography	CO1	Gain knowledge about major themes of human geography.			
	(Theory)		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 N	CO- PO Mapping Matrix for course code GEOG-203										
COs/	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8			
POs											
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 OUTC	OMES			
4 <sup>TH</sup> 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/	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8			
POs											
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. 3<sup>RD</sup> YEAR

SEMESTER	COURS E CODE	COURSE NAME	COURSE OUTC	SE OUTCOMES				
5 <sup>th</sup> Semester	GEOG- 301 (Theor y)	3 1 7	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/P	PO1	PO2	PO3	PO3	PO4	PO5	PO6	PO7	PO8			
Os												
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			
Averag	3.0	2.5	2.0	2.0	1.8	1.3	1.8	3.0	2.0			
е												



SEMESTE R	COURSE CODE	COURSE NAME	COURSE OUTCOMES	
5 <sup>TH</sup> 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	CO- PO Mapping Matrix for course code GEOG(P)-302										
COs/P	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8			
Os											
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			
Averag	3.0	2.5	2.5	2.0	2.0	2.0	2.5	2.0			
е											



SEMESTER	COURSE CODE	COURSE NAME	COURSE OUTCO	OMES
6 <sup>TH</sup> 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/	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8			
POs											
CO1	3.0	2.0	3.0	2.0	3.0	2.0	2.0	3.0			
C02	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			
Avera	3.0	2.3	3.0	2.0	3.0	2.8	2.5	2.8			
ge											



SEMESTER	COURSE CODE	COURSE NAME	COURSE OUTCOMES				
6 <sup>TH</sup> 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- P	O Mappi	ng Matri	x for cou	rse code	GEOG(P)	-304	
COs/	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
POs								
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. 1<sup>st</sup> YEAR

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



# B.A. 2<sup>nd</sup> YEAR

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



# B.A.3<sup>rd</sup> YEAR

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



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**

Unit 1:	No of classes
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	04
swar;	
Alankars:	
<ul> <li>10 Basic Alankars in shudh</li> </ul>	
and vikrit	
swar.	
Description of Harmonium	
Unit 2: Introduction of Ragas:	
<ul> <li>Ability to write Notation of Drut</li> </ul>	
Khayal in the following Ragas:	
(1) Bhupali (2) Yaman	04
• Full description of Raga:	
Bhopali and Yaman	
<ul> <li>The role of music in National</li> </ul>	
Integration.	



# 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

Ur	nit 1:	No of classes
Bri	ef study of the following:	
	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
Un	it 2: Introduction of Different music and Raga	
	Detail description of Raga:	
	(a) Bhairav (b) Bharavi	
	Ability to write Notation of Drut Khayal in thePrescribed Raga in the	04
	syllabus.	
	Ability to write Notation of Tarana and Sargam geetIn Prescribed raga.	
	Knowledge about Shastriya Sangeet (Classical music), Ardh Shastriya Sangeet	
Jni	(Semi Classical music), SugamSangeet & Lok Sangeet (Light & Folk music). t 3:	
	Write full description of following Tala along withtheir Thah and Dugun:	
	Keherva and Ektaal.	
	Describe Thaat Raga Padhati (system).	



MUV301 Fundamental Study of Classical Music-II 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 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

Ability to sing two Drut Khayal in following Raga: Bhairav & 1. Bhairavi along with Aroh, Avroh, Pakad, Swar vistar, Alap, Taan. Ability to recognise the Raga swaras sung or given by the 2. 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 **Bhairay** 



#### Semester-III

MUV302 Principles of Indian Classical music Theory

#### **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**

	Origin and development of Notation System, itsMerits, and demerits.	
	Notations of the following Ragas:	
	(a) Bihag (b) Malkaons	
	Critical analysis of the Time theory of Ragas.	04
	10 Alankar in both ragas in Bihag & Malkoans.	
ì	nit 2:	
	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.	04
	Detail study of Raga Bihag and Malkoans.	
l	nit 3:	
	Detail description of Rupak taal and Jhaptaal alongwith their Tah &	
	Dugun on hand.	
	Role of science in promoting Education and	04
	Cultural aspect of the music during Modern Period.	
	Contribution towards music by the following:	
	(a) Ustad Bade Gulam Ali Khan(b)Shrimati Kishori	
	Amonkar	

# 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)

Semeste	Paper Code	Nomenclature of Paper	Internal Assessment	Examination	Total Marks	Time
r						
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**

**Speech Sounds** 1.

- Choosing Our Universe- Stephen Hawking and Leonard Mlodinow 2.
- Are Dams the Temples of Modern India? Arundhati Roy The Generation Gap Benjamin McLane Spock 3.
- 4.
- Language and National Identity Nirmal Verma 5.

Wounded Plants – Jagadish Chandra Bose 6.

Playing the English Gentleman – M.K. Gandhi 7.

- Great Books Born out of Great Minds A.P.J. Abdul Kalam 8.
- The Responsibility of Young Men Lal Bahadur Shastri Bharat Mata Jawaharlal Nehru 9.
- 10.

### **PART B**

Translation – Hindi to English

Paragraph writing

д. Разада										
COs	POI	PO2	PO3	PO4	POS	PO6	PO/	POS	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
CO <sub>5</sub>	P	501		PSO.	2		PSO3		PSO4	
1	3			3			2		3	
2	3			1	1		3		2	
3	2			3			2		3	
4	3		2	2		3		2		
Average	2.75		2.25	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 Temsula 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

4. Essay WI										
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

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-PSC	) Mapping Ma	atrix for Cour	se Code: EN-	-24				
COs#		PSO1		F	SO2		PSO3		PSO4		
EN-24.5		3			2		2				
EN-24.6		3			2		3				
EN-24.7		2			3		2		3		
EN-24.8	3 3 3								3		
Average		2.75			2.5		2.5		2.5		
						•		•			

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



# **B.A.** General English Part III (5<sup>th</sup> 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-PC	Mapping N	fatrix for Co	urse 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-PS	O Mapping l	Matrix for Co	ourse 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 N	fatrix for Co	ourse 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 l	Matrix for C	ourse 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			
				1							
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 helpreach 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:

**COI:** 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 approachand 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** 

СО	РО	РО	РО	РО	РО	РО	РО	РО
	1	2	3	4	5	6	7	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:

Max. Marks

**30+20(Internal)** 

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 MappingMatrix)

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

СО	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: 30Duration 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:

**COI:** 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 andforgetting; 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 4Cos.

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

СО	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,

### <u>Semester – II</u>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)

СО	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: PSY 201

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:

**COI:** 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 ProsocialBehaviour 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 4Cos.

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

СО	РО							
	1	2	3	4	5	6	7	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)

СО	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:

COI: 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

СО	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



## B.A.-I (General) Psychology, Semester –II Paper- 202: Practical Developmental Psychology & Elementary Statistics

Max. Marks 30+20(Internal)

Time: 3 Hours.

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
- 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)

СО	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:

COI: 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

СО	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)

СО	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:

COI: 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

СО	РО							
	1	2	3	4	5	6	7	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
- Coping Styles/Well-being Scale
- 3. General Health Questionnaire
- 4. Life Style Schedule
- 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)

СО	РО	РО	РО	РО	РО	РО	РО	PO 8
	1	2	3	4	5	6	7	
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 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)

- 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)

- 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)

- 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)

- 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.



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

## **Course Objectives**

<b>- - - - - - - - - -</b>	
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

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	Ш	Class	ВА
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.

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.

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	2023-24
		Year	
CourseName	PRINCIPLES OF MACRO ECONOMICS-2		
Name of	Dr. Piyusha Sharma		
Faculty			

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	ВОР	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				

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

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



CCL-304 PHYSICAL CHEMISTRY	SEMESTER III  CO-1. Understanding the principles of electrochemistry.  CO-2.Understanding the laws of Conductance.  CO-3.Understanding the concepts of leeal and Non-Ideal Solutions.
CCL—305 ORGANIC CHEMISTRY	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-Creek model of DNA. CO-4. Thorough study of Carbohydrates.
CCL-404 INORGANIC CHEMISTRY	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.
CCL-405 PHYSICAL CHEMISTRY	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.
CCL-503(ii) INORGANIC CHEMISTRY	SEMESTER V CO-1 Understanding of the basic principles of Metallurgy. CO-2. Detailed knowledge of s- and p- block elements
CCL-504(ii) INORGANIC CHEMISTRY	CO-1. Understanding the concepts of Interhalogen Compounds, Psuedohalides CO-2. Elementary idea of Inorganic polymers. CO-3. Detailed study of the Noble gases.



	SEMESTER VI						
CCL-603(i)	CO-1. Understanding of Organometallic chemistry.						
INORGANIC CHEMISTRY	CO-2.Understanding the concept of Chemistry of 3d elements						
	CO-3. Developing the idea and concepts of Bio- inorganic chemistry.						
CCL-604(i) ORGANIC CHEMISTRY	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 Heterocyles.						
CCS-505(ii) FUEL CHEMISTRY	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						



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.
PO1 0	Ethics	Apply moral and ethical principles in both academics and research to become professionally more responsible citizen
PO1 1	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			
Averag e	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.**2Understand 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										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.1Know 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.2Understand 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		
СОЗ	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

			СО-РО	Mapping	Matrix fo	r 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.

			СО-РО	Mapping	Matrix fo	r Course (	ode: 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.2Elaborate about gene libraries, genome mapping, sequencing process and applications of Recombinant DNA Technology

			СО-РО І	Mapping	Matrix fo	r 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
Averag	3	2	2	3	1	3	3	2	2	2	3
е											

#### 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

			со-ро г	Mapping I	Matrix fo	r 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
Averag	3	2.5	2	2	1.5	3	3	2	2	2.5	2.5
е											



# 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.

		C	O-PO Ma	apping N	latrix fo	Course	Code: Bl	T-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 N	lapping N	latrix for	Course C	ode: 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
Averag e	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.

			СО-РО	Mapping I	Matrix for	Course C	ode: BIT 5	03P			
	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 N	Matrix for	Course Co	ode: BIT-6	501L			
	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.

			СО-РО	Mapping I	Matrix for	Course Co	ode: BIT-6	02L			
	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.

			СО-РО І	Mapping I	Matrix for	Course Co	ode: BIT-6	504L			
	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.

			СО-РО	Mapping	Matrix fo	r Course C	ode: BIT 6	03P			
	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)

		Enables the students in gainingknowledge and to study in a
PO1	Knowledge	holistic manner.
PO2	Communication	Ability to effectively communicate their views and present their work with confidence to the
		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 aneffective 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 advancedscientific techniques and tools used in learning plant biology.
PO7	Science and Society	Ability to apply theoretical and
		practical knowledge to resolveissues 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 indifferent industries.

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

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

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 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 neighbouringareas and will be able to make projects either individually or in groups.

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

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 planttaxonomy 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

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	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

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

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	2.3	1.3	1.6	1.6	1.3	2.3	2.3	1	2
		3	3	3	7	7	3	3	3		



### **B-BOT-302: PLANT EMBRYOLOGY**

**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-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

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
В-ВОТ-	3	1	2	1	1	1	2	2	2	1	1
302.1											
В-ВОТ-	3	2	2	1	1	1	2	2	2	1	1
302.2											
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

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	1.6 6	2.3	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 plantswhich 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

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	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

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.

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 5	2.2 5	2	2



# **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.

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

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 or 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.

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 or 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.

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	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

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

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

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:

CO4020 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, mutulism, 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. Int

Semester - I Paper - HIST (101) Ancient India (From Earliest Times to Cupta Age) Course automes

- 1. Students of history will acquire knowledge regarding the pointive. life and cultural estatus of the people of ancient India.
- P. They can gather knowledge about the culture, esociety 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 Hasappan, Vedic and later Vedic Civilizations etc.
- How to develop Paleolithic, Neolithic and chalcolithic cultures
- 4. Students also Icam about Haseplan Civilization, Vedic Culture, Janism, Buddhism, Mausyan, Post Mausyan Age and Gupta Period.

Semester - II Paper - HIST (102) History of India (600 - 1526 AD)

- 1. They can achieve knowledge how to develop Indian feudalism and evolution of the political stouthor of early-medieval north and south India.
- o. They can learn how the conquering of Islam had initiated in India and had toansformed of Indian culture, exciety, religion and India and had toansformed of Indian cultures of medieval India.
- 3. They will achieve knowledge about the seligious and cultival changing exenations after the advent of the Islam in India.
- 4. They will gather knowledge the Sultanate of Delhi.



class - B.A. (2nd your) Sconester - III Political Paper - HIST GOD HINTON OF India III (1521-1857 AD)

1. They arquire knowledge towards the Stonggle for Empire in North-Wester India and foundation of the Mughal Rule in India.

a. They will Reason about how the Regional Powers had been saised in 1.00 In diplement pasts of India alex downfall of the Mughel Empire of Delhi. They can gather knowledge to the downlass of the Mughal Empire only lack of unity among the Mughal countries and would be might among the Mughal countries and sexulted to saine provincial Kingdoms in Bengal, Hydesabad, Ayodhya, Mysoso and Masatha in Western India.

3. They learn how to establish the Company's Rule in India after the 1100 the battle of Plemey and Buxas.

4. They will learn about the uprising of 1857.

Paper-HIST (203) Indian National Movement (1858-1964)

1. They will learn the seal historiography of adian Nationalism; Birth of Adian National Congress, The Moderates and the Extremists, of Adian National Congress, The Moderates and the Extremists, Partition of Bengal, the Swadeshi movement in Bengal in 1905. D. They can acquire knowledge how to suse of Gondhus bower in

Indian politics and his activities towards the freedom like. RowDatt Satyagacha, Khilafat and Non-cooperation movement, The Swazajya pasty, Poona Pact, Civil Disobedience Movement,

3. They also learn how to saise communal politics and in opposition politics on the eve of the freedom movement in Adia and on postition in India.

4. They can acquire knowledge about the area and centres of movements like, KhilaCat and Non-coroperation movement, Rowlatt Satyagraha and they can beam about the Places of Impostant Sessions of Adian National Congress.



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Class. B.A. Wed Paper- HIST (302) - Rise of Modern World (obtion-II) 1. Students of history will learn about the size of the modern world and transition the society and economy from Condalism to califolism 2. They will leasn how to size of Penaissance in Haly and spread of humanism in Europe and results of the European Reformation in the 1sth contray and Shift of economic balance from the Meditessanear to the Atlantic, Commercial Revolution.

In the Meditessanear to the Atlantic Revolution.

Influx of American solves and the Price Revolution. 3. They gathered knowledge towards the emergence of England. European state system like Spain, France and England. 4. They will also leasn about Agriculture and Industrial Revolution. Paper - HIST (304) - Modern World (obtion - I) 1. This paper focused on the great French Revolution in 1789, and American Revolution 2. Students come to know about the First Woold was and Paris Peace Settlement. 3. They can also know about the Second Woold was and they learn the about the Mazism and Pascism 4. Students can acquire knowledge about the countries they envolve in Asst world was and second world - was.



Course Specific Outcome &
Programme Specific Outcomes

For

**B.A. POLITICAL SCIENCE** 



2-

## Department of Political Science. B.A Course (Course Outcomes)

POL-SCI- Indian Constitution.

Course court comes: - At the end of this course, the student

Um POL 1.1 - Knowledge of sources and characteristic feature of Indian Constitution.

UnPOLIZ-Knowledge of executive organ of Indian inovernment as provided in the constitution

ULIPOL 1:3- knowledge of legislative organs of Centre as well as state govt including low making procedure.

Uli POL 1:51- Understanding of functions and vecent debates organiding Indian judiciony.

POLSCI - Indian Palitical Thinkeys.

(owise Outcomes At the End of this cowere the student will be able to !-

thought of Roya Ram Mohan Ray and Swaswati

UCT. POL 3.2 - Underestanding the Aninkers Dada Bhai Navoji and Gropal Krishna Gokhle UCT. POL 3.3 - Gritically eveluals the idea of Swami Vinekanand and Ausbird Ghash.

Uln. POL 3:4- Underestanding the extermist ideology of Bal Crangolhan Tilak and Lala Cappar Ray.



=> Un POLS Camparative Palitics Course outcomes: - At the end of the semester students UCT FOL 5.1- Have acquaintance with the introduction of composative politics its approached and methods. U COPOL 5.2 - Understanding importants approaches · like input-out put structural functional ete of Companisons. UCIPOL 5.3+ Comprehensively understanding the . Concept and nature of Constitutionalism. Un POL 5.4: Understand the constitutional Structure of the govt. I by studying three agains Un POL2 Indian Politics Course Outcomes: - Kaving stablied this course student will be able to: UCIPOL 2.1:- Comprehend the functioning of Federalism by focusing on the working of centre-date relations and emerging trends. UG POL 2.21- Know about the electoral processes ranging from the functioning of election comm-UC, POL 23: - Underestand pointy politics and working Un POL 2. 4: - analyse the reals of carde Congruys and ways to tackle the challenges arising from it.



# Un POL 4 - India Political Thinkers

Course outcomes: At the end of the remeder, students

UG POL 4.1:- Ideas of J. P. Narayan and Ram Mancharlohia UG POL 4.2: thoughts of Mahatama Gandhiand M.N. Roy UG POL 4.3:- thoughts of Jawaharlal Mehry and B. R. Ambed Kar.

Chander Bose and Bhagat Singh.

Comparative Constitutions of UKSUSA

Cowere Outcomes: - At the end of the remerter, students will have :-

UMPOL 6.1:- Knowledge of the historical evolutions, basic, nature and feature of both the constitutions.

UMPOLG. 2: - ability to assess the differents between the three organs of both the gost.

DhPOL 6.3! - Understanding on the viole of various dynamic aspects of the good such as palitical party, pressure groups etc.

UCIPOL 6.4: - Knowledge of the electoral process and behavior along with trends in both the countries.



# Department of Political Science

## B. A Cowise

# Programme Outlomes (PO)

Obj POL. POSI.1: - The student will be able do have an in depth understanding of theoretica and conceptual underpinnings of politics to examine political behavior.

UGIPOL POS 2: - The student will be able to develop the ability to comprehend and analyze political phenomena.

UGPOLPOS 3: - The -students shall acquire the capacity do observe the politics through various perspective.

UCT POL POS 4:- The students will be able to comparehend and orifically challenges inherend in political system

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 विद्वाबर परिवामं बी॰ २०

१०१:- सर्का भाग का भाग

PO21 - जीता के दारा भावनात्मक बुद्धिमता विकरीत करना।

803: हितीपदेश, जीतिशालक के माध्यम के धानाओं का से लिक दृष्टिकीण विकासित करागा।

१०४! संस्का भाषा दारा युद्ध उन्नारण और रूकाग्रता की बढाना।

Pos! नारी की गरिमा, मलशूत भावना के साथ उसके क्रामान को प्रदक्षित करना।

Po6! लह्य की प्राप्ति में ख्वलनाता व्रविक ऑल - प्रदर्शन , र-जनात्मकता और जीवन की समस्यामी का समाधाल : करने का सामध्ये प्रदान करना।

Po7! भाषा की स्थाद कप में जीलने, लिखने, पटने, युनने की थींग्यता विश्विति करना।

Po



# भी र प्रयम वर्ष (संस्कृत रेटिबन) सेमेस्टर-प्रथम, पाठ्यक्रम परिवाम

- C.O.L न नारायण पिनत' द्वारा रचित'हितीपदेश'के माध्यम से ' नीतियों, धर्मिक तथ्यों से विधाधियों को अवगत करमा।
- C.02 > नीतिशतन के माध्यम से विधार्थियों को नीतिन विद्या से अवगत कराना ।
- ८.03 न शब्द रूप, थानु रूप की जानकारी प्राप्त करेंगे।
- C.D. 4 > सिन्ध के माध्यम से वर्त-मेल व वर्त-विच्छेद विधार्थिमों को प्रदान कराना।

## द्वितीय-सेमेस्टर

- C.O. 1 -> भीमद्भगवद्गीता के द्वितीय अस्पाप 'सांख्य-पोग की जानकारी विधार्थ प्राप्त करेंगे।
- C.O. 2 न नीतिशतन के माध्यम से सज्जनों के गुन न दुर्जनों के दुर्गुनों से अनगत करनाना ।
- C.O.3 > शब्द रूप, धातु रूप, के माध्यम से लिंग, वचनों की जानकारी प्राप्त करवाना ।
- C.O.4 > छन्दों के साध्यम से ग्रांग भीजना, पति, विराम तथा अनुवाद की सामान्य जानकारी के विधार्थियों को अवगत कराना ।



# बी.स. द्वितीय वर्ष (संस्कृत श्रीक्षिक) सेमेस्टर – तृतीय पाद्यक्रम - परिवाम संस्कृत – स्टेस्बिक

- CO. 1 > महाकवि भारत का जीवन परिचय उनकी रचनार्टें, रखं पञ्चरात्रम नाटक का बिशिष्ट अध्ययन विधार्थियों की कराना।
- ८.०2 न नाटम में अमुक्त पारिभाषिक शहद व संस्कृत गद्य साहित्य के कागभद्र, दन्ती, सुबन्ध, अध्विकादन ट्याय विष्णु गर्मा अगदि के जीवन का सामान्य अध्यपन विद्यार्थियों को कराना।
- C.O.3 -> समास व कृत प्रत्मप की विश्विष्ट जानकारी विद्यार्थिनों को कराना।
- CO.4-7 प्रत्याहार खुत्रों की जानकारी तथा संस्कृत पत्र-लेखन कौंशल विद्याधियों को कराना ।

# चतुर्घ सेमेस्टर

- C.O. 1-7 महाकित कालियास द्वारा रिवत र धुवंशस्महाकारम के द्वितीम अन्धाम का विशिष्ट अन्ध्यमन विधार्थियों को कराना ।
- (.७.२ न उनिकेशदत ८मास कृत' शिवराज विजय १ के प्रयम नि:शवास का विशिष्ट उनस्थमन विधार्थिमों को कराना ।
- CO.37 संस्कृत ध्यानरा के वाच्य, तदित प्रत्यय जिजनत तथा सन्नतं धातुओं का विशिष्ट अध्ययन विधाधियों की कराना ।
- C.O.4 > संता प्रकरन की जानकारी तथा अनुवाद का सामान्य अध्ययन विधार्थियों को कराना।



# बी यः वृतीम बंबे सीमेस्टर न्यंन्यम (संस्कृत सीन्छिक) पालम् कम पारेलाम-COI उनिमान शाकुन्तल का सामान्य परिचम से विशामियी की -स्वात कराना ट्या राजा हामना रव शक्ताता की असिंह प्रेम कहानी से विचारियों को अविनादीत्व से अवगत क्याना Co3. - संत्रा प्रकाल में माहें खर सूत्री से विधारियों की अवंतर CDK)04) Соц. कुत प्रदम्भ रखं लिड्डों का जान विद्यार्थियों को कराना नीमेस्टर महत ८०। अभिक्षान के यह एवं सम्तम संको के माध्यम ते न्से की जासमा सी विद्यार्थियों की अवंगत कर्मा Ca मज़ त आदमा के साम साम उनके सामाना को प्रविश्वित क्रराना Co3. आबितान की स्थानी रूवं स्त्री अटमम से विधारियों लगे अल्हारा कराना ८०4. - निस्त्य से विधारियों को अवगत कराना।



वी.रा. त्रपम वर्ष सेमेरस- त्रपम संस्कृत- अनिवार्य

पाद्यक्रम-परिवाम

- CO.1 न पद्य के माध्यम से ईश्वर स्तृति, रामायन व अन्य नैतिक विषयों का ज्ञान विद्यार्थियों की कराना ।
- (10.2 > संस्कृत गधों के भाष्यम से अनुशासन, उत्तम आचरन की जानकारी विधार्थियों को कराना /
- 00.3 > संस्कृत व्याकरण के शब्द रूप, धानु रूप के माध्यम से किंग वचन की जानकारी विद्यार्थियों के कराना /
- C=0.4 > सम्बे के माध्यम से वर्ण-मेल, वर्ण-विच्वेद की जानकारी विधार्थियों को कराना। तथा कठारच रालेक कराना।

## द्वितीय - सेमेस्टर

- (.0.17 संस्कृत यथों के माध्यम से दण का महत्व, यहि की स्थिता, नीति आदि अनेक विषयों की जानकारी विधार्थियों की कराना।
- ८.०.२ संस्कृत गधों के माध्यम से उन्द्रियजय, खल-जयट, अतिलोभ आदि अन्य निषयों की जानकारी निधार्षियों को कराना ।
- C.03 स्वर, ट्यंजन, विसर्ग सिन्य का ज्ञान विद्यार्थियों को कराना ।
- CO.4 अनुवाद का सामान्य अन्ध्यमन विधार्तियों को कराना।



#### र्वा र हितीम वर्षे सेमेस्टर वृतीम स्सेन्ध्रत सनिवार्थ )

पाइभ क्रम परिवाम :-

- (0) कहाकि का स का जीवन परिचम तथा -गरुदत का विशिष्ट अध्ययन विधावियों को कराना।
- C.O.2 प्रथम, दितीय अंक में चारुदत के जीवन का विशिष्ट अध्ययन विद्यार्थियों को कराना।
- C.O.3 समास का सामान्य परिचय व अव्पर्धाशान का विशिष्ट अध्ययन निधाधियों को कराना।
- 00.4- व्हात प्रत्यय का विशिष्ट अस्पर्यन विधारियों को कराना।

## नातुर्ध सेमेस्टर

- C.O.1 चारुदत व वसन्तरीना का जीवन परिचय विधार्थियों को कराना।
- C.02 न्यारुदत्तमः । के तृतीय, न्यतुर्ध झंक का निशिष्ट अध्यक्त निधासियों को कराना ।
- ८.0.3 विजनत सन्नतं थातु तथा समास का सामान्य अर्थपन विद्यार्थिनों को कराना /
- C.04 अनुवाद का सरल व सामान्य अध्ययन विधार्थियों को कराना /



#### Session 2022-2023

नेना अग्नि: सि

- वीः २- वृतीय वर्ष . . . सेमेस्टर पंचम (श्रेंस्कृत अीनवार्य) पारुय अम परिठााम
- COI भीतिशतक के माह्यम से बच्चों की भीतिक शिक्षा से असमात कराना ।
- CO2. भार्तृहरि का परिचय और उनमे रचनाओं से अनगत कराना ।
- ८०७. स्ट्रम्त साहित्य में वालगीकि, अञ्चवद्योष, काबिदास, भक्त्राति, नारायण पीठ्यत द्वारा शीचत काळ्ये। से द्यात्राओं की स्वागत कराना।
- CO4, कारम विमिन्त के माह्यम से द्यानाओं की अनुवाद सिखाना। सीमेस्टर घडठ (श्रीरकृत अनिवार्य)
- CO! पैं अभिन्नादलक्यांस के जीवन और उनकी उपलिख्यों। की जानकारी।
- CO2. विवरजविजय के माध्यम से दात्राओं की मातृत्रामि के प्रति प्रेम , राजा की प्रजाबरस्वता, प्रजा की राजनिक, धार्मिक और शब्दीय मावनाओं से खीत-प्रोत कियाजना है ।
- CO3. महीर्ष वेद्रव्यास , जयदेव , बंघामर , विख्युवामी , महीरीर के बारें भें बतामर प्राचीन साहित्य से जीडना ।
- COM उपपद विमित्ति खरन भाह्यम से समझान्त द्यात्राखीं अभि खेन खनुनद सिखाना /

#### बी, रख. सी. द्वितीय वर्ष 'सेमेस्टर्— तृतीय संस्कृत- अनिवार्य

#### पाठ्यक्रम परिवाम

- CO.1 संस्कृत पद्में के आध्यम से सज्जनों के उनाचरता का वर्णन, भी राम के जादशीं की जानकारी विधार्थियों को कराना।
- C.0.2 संस्कृत गधी के माध्यम से बुद्धि-बल, अनुशासन की जानकारी विधारियों की कराना 1
- (.0.3 शहद रूप के आध्यम से लिंग, बचनों की जानकारी-
- CO4 अन् संधिका विशिष्ट अन्धयन विशिष्ट जानकारी विधार्थिनों को कराना।

### सेमेस्ट- चतुर्च

- CO. 1 संस्कृत प धों के माध्यम से खुद्दि की स्विरता, नीतियों के सुन्दर क्यन आदि विषयों की जानकारी विधावियों को कराना।
- ८.०.२ संस्कृत गधीं के माध्यम से दुर्जनी का संग अयावह तथा -इसरों के अधिकार का तथा में जानकारी विधावियों को कराना ।
- Co.3 थानुरूप के माध्यम से वयन, प्रत्य का ज्ञानकराना।
- 60.4- अन्य संधि का विशिष्ट अध्ययन विधार्थियों को कराना।



Course Specific Outcome &
Programme Specific Outcomes

For

B.A. HINDI( ELECTIVE)



(1)

## कक्षा- बी. ए.द्वितीय वर्ष सेमेस्टर -प्रथम और द्वितीय विषय-हिंदी ऐच्छिक पाठ्यक्रम परिणाम

- 1. यह पाठ्यक्रम छात्रों के दृष्टिकोण को विकसित करने तथा आत्मविश्वास जगाने में सहायक है।
- 2.भक्ति कालीन कवियों की भक्ति से संबंधित ज्ञान से छात्राओं को अवगत करवाना।
- 3. कहानियों के माध्यम से मानवीय मूल्य एवं संवेदना से परिचित करवाना ।
- 4. हिंदी साहित्य के आधुनिक काल की पृष्ठभूमि तथा साहित्यिक बदलावों की जानकारी प्रदान करते हुए छात्राओं में संवेदनात्मक चिंतन का विकास करना लिए ।
- 5. रीतिकालीन कवियों की विरह -वेदना, प्रेम भावना आदि संवेदनाओं का ज्ञान करवाना ।

#### कार्यक्रम विशिष्ट परिणाम

- 1. ऐच्छिक हिंदी द्वारा छात्राओं के भाषा संबंधी रुचि को प्रभावशाली बनाना।
- 2. शुद्ध लेखन और उच्चारण की योग्यता को बढ़ाना के लिए।
- 3. ऐच्छिक हिंदी काव्य कल्पना संसार का ज्ञान देने में सहायक है। इसलिए।
- 4. नैतिक और मानवीय मूल्य सुदृढ़ होते हैं इसलिए।

(2)

बी.ए. (प्रथम वर्ष) ( प्रथम व द्वितीय सेमेस्टर) विषय- हिंदी ऐच्छिक ( पाठ्यक्रम परिणाम )

- 1. छात्रों को हिंदी भाषा पर पकड़ बनाना और उन्हें भाषा के विकास और महत्व को बताना।
- 2. हिंदी साहित्य के आदिकाल तथा साहित्य लेखन परंपरा के साथ-साथ 'रासो' की प्रवृत्तियों का ज्ञान करना ।
- 3. भक्ति कालीन कवियों की भक्ति से संबंधित ज्ञान से छात्रों को अवगत करवाना ।
- 4. यह पाठ्यक्रम छात्रों के दृष्टिकोण को विकसित करने तथा आत्मविश्वास जगाने में सहायक है।
- 5. भारतीय संस्कृति और पृष्ठभूमि को समझने में सहायता करता है ।
- 6. 'निर्मला' उपन्यास मध्यवर्गीय चेतना का चित्रण है इसके माध्यम से दहेज प्रथा तथा अनमेल विवाह की त्रासदी का वर्णन है।

#### कार्यक्रम विशिष्ट परिणाम

- 1. ऐच्छिक हिंदी द्वारा छात्रों के भाषा संबंधी रुचि को प्रभावशाली बनाया जाता है।
- 2. शुद्ध लेखन और उच्चारण की योग्यता को बढ़ाना।
- 3. कॉव्य कल्पना संसार का ज्ञान देने में सहायक है।
- 4. नैतिक और मानवीय मूल्य सुदृढ़ होते हैं। 5. विभिन्न धुर्मी तथा संप्रदायों के साथ प्रेम पूर्वक रहना सीखते हैं।

(3)

## बी. ए.(तृतीय वर्ष) (तृतीय व चतुर्थ सेमेस्टर) हिंदी ऐच्छिक (कार्यक्रम परिणाम)

- 1. 'समकालीन काव्य प्रभास' हिंदी कविता की पृष्ठभूमि से छात्राओं परिचित करवाना।
- 2. 'समकालीन काव्य प्रभास' कविताओं के अध्ययन से छात्रों के दृष्टिकोण का विकास करना तथा उनमें समाज के प्रति अपनी जिम्मेदारिययों को समझने तथा आत्मविश्वास को जगाने में मदद करना।
- 3. हिंदी साहित्य का इतिहास गद्य के माध्यम से छात्राओं को आधुनिक काल में हिंदी भाषा की साहित्य के विभिन्न विधाओं के माध्यम से साहित्यिक बदलाव के जानकारी प्रदान करते हुए छात्राओं में संवेदनात्मक चिंतन का विकास करना।
- 4. साहित्य लोचन के माध्यम से छात्राओं को काव्यशास्त्र के विभिन्न काव्य के अंगों से परिचित करवा कर उनमें काव्य रुचि और चिंतन विकसित करना।

#### कार्यक्रम विशिष्ट परिणाम

- 1. काव्य साहित्य का महत्वपूर्ण अंग है इसलिए काव्य साहित्य को अच्छी प्रकार समझने में सहायता करता है ।
- काव्य कल्पना संसार का ज्ञान देने में सहायक है ।
- समार्ज के प्रति समझ विकसित होती है ।
- 4. रचमात्मक लेखन निखरता है।

Course Specific Outcome &
Programme Specific Outcomes

For

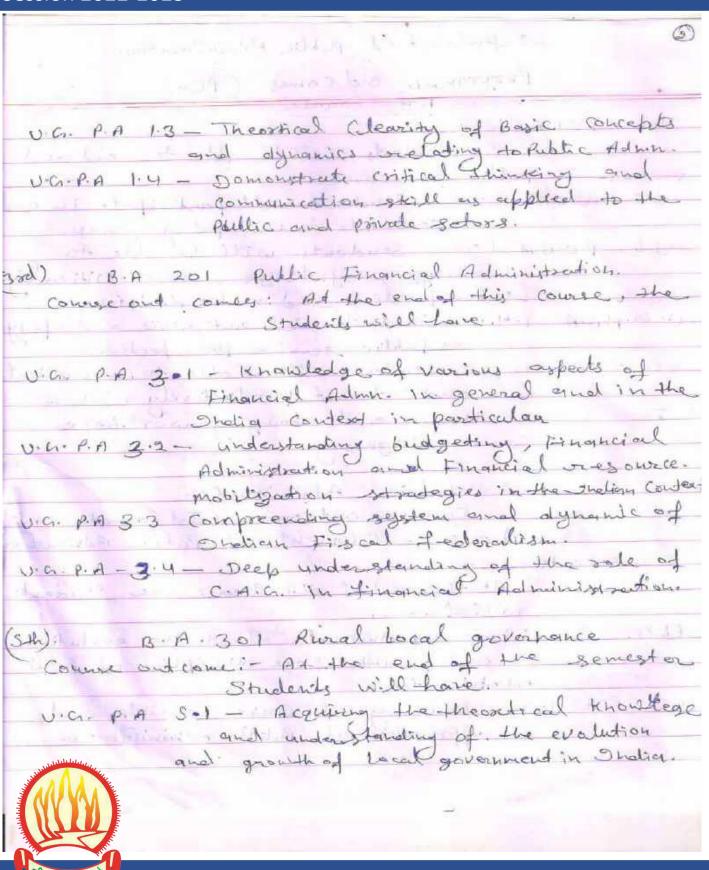
B.A. PUBLIC ADMINISTRATION



Defendment of Public Administration Programme out comes (POS)

BiA Course

Vian PUBA 1.1: Students will be able to lead and manage in public governance. V.G. PV.BA 1.2: - Students will participate in and conditionte to the policy process. U.G. PU.B.A 13: - Students will be able to analyze, Syndesize, think witicall solve problems and make decisions. U. CI. PUBLA 1. 4: Students will conticulate and apply as public service perspective. U.C. P.VBA 1. 5: Students will be able to communicate and inderact productively with a and citizenry. B. A Public Administration Course out come, (Int Semmester) B.A -- 101 - Element of Public Administrator Course outcome: -At the end of this course, the Students will have. W. a. P.A 1.1 - 1000 Awareness about the evalution and growth of the discipline of Public Ad ministration, U.G. P. A 1.2 - Learning of Basic Poinciple and approaches of Public Administration.



## F. C. College for Women, Hisar

	ollege for w		
Class:	Subject	Roll No.:	
U. C. P. A S	· 2 - Graining ins	ignes about compositi	104
	rale, function	and resources of	
	PanchaytiRaj . Itasti	notions	110
U.G. P. A - 5.	3 - understanding	the sotructure and	1
and he had been	working of su	real and restorn de	rleipu
Late 1	programme.		
U-G-P. A - S. L	1 - Explosing the	sole, impostance e	land
	Condrol of ste	ite finance Commis	Sish
and the last	over the Local b	odies.	-
- harribana harribana	A REPORT OF THE		
nd) p. A	102: Bossics of Pu	blic Administration.	
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	will be able of		. 1
J.CA. P.A. 2.	1 - After realling	I this pater, one is	ould
2700	be able to explain	and understan the	
	Basic principles.	0	
	- Students will be		y
	andend and tradit	and the state of t	4
1 44	techniques of Admi	nistration,	
	- to understand t	te problems of Hall	and hist
and i	retion.		
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th. PU	·B·A 202 : Public	Personnel Holmings	1004
	0.1 16		
Course out Co	me: - At the end		
	Studently will		
and delicery,	aryan as the Same who make as		
		enhanced in the section of the	
I (UV YV)			

4.1 - Conceptual Clarity of Personnel U.G. P.A Administration, its issues, Courseer -systems and other terms covering. Various aspects of personnal Admin. V.C. PA 4.2 - Dedailed undarstanding of Personnel system and its Selated ineconiting agencies of the Sholian Republ 4.3 - Critical understanding of issues V.G. P.A clike Employee essociations, Adjudicatio ilustitudious and processes and civil Service Reforms. P. U; B. A - 309 CHh. citizen Cendric governance Course contione: Ad the end of this semester Students will have. U. G. IP. A G. 1 - get will provide insightend understanding to create and plan the delivery of hugley challenging Public sector Palicies successfully. U.C. P. A 6.2 - gt analyses the many, and ofter · conflicting Strategic prosities within the public sector. V.G.P.A 6-3 - Discuss the fundamental orequirements of a 3d ructured, strategic planning process.

Course Specific Outcome &
Programme Specific Outcomes

For

**B.A. SOCIOLOGY** 



# DEPARTMENT OF SOCIOLOGY B. A

PROGRAMME OUTCOMES (POS): -

- POI: Demonstrate a detailed knowledge & Understanding of Selected fields of study in core disciplines in the humanities, Social Science & language.
- Pod: Apply critical and analytical skills and Methods
  to the Jedentification and resolution of
  Problems Klithin Complex changing social contexts.
- Po3: Domonstrate a general understanding of the concepts and principles of Selected areas of the study cruside core disciplines of the humanities, bouid beiences and languages.
- PO4: Apply an Independent approach to knowledge that uses rigorous Methods of Inquiry and appropriate Theories.
- POS: Articulate the Relationship between diverse forms of knowledge and the Social, Historical acultural contexts that Produced them.

  2 Cultural contexts that Produced them.

  2 Communicate effectively & show ability to
- POG: Communicate effectively and Speak in a chosen Read; write, listen to and Speak in a chosen language is klith fluency.

- 07: Act as Informed and critically discening Participants within the community of scholars. as citizens and in the Work force!
- Work blith Independence, Self-reflection and creativity to Heet goals and challenges in the work place and personal life.

# PROGRAMME SPECIFIC OUTCOMES (PSOS) ", -

- The Students would be able to understand the basic concept. Drowth and significance of POS 1:
- The Program Would Privide the critical Reasoning and analysis of key issued, alongwith different Pos 2: Concept of Bociology.
- POS 3: The students would be able to apply the Theoretical Interpretations to society as well as they will acquire pkill to Indentify social issues Through beientific enquiry.
- POS4: The students Would be able to understand society. human behaviour and Various bocial Problems in the light of socialogical perspectives.



## SEMESTER - T BASIC CONCEPT IN SOCIOLOGY

## Course out comes (cos)

- B-SOC 1. Students will be able to understand the Nature, Scope & development of sociology. Relationship with other social science.
- Students Will learn about the basic concept B- SOC 2. of bociology.
- Students Wil be able to Understand the Social Profess & Social groups. B- Soc 3 B-Soc 4. Students Will gain knowledge about social
- Institution, Harrige, family.

## SEMESTER - II

Society, Culture & social change

- Students Will be able to understand the Types of Bociety Tribal, Rural, Urban & Industrial B. SOC 1
- students will be able to knowledge to culture, Socialization, Social control. B- SOC - 2
- Students Will learn about the Process of Social Change, Moderniyation, flobalization, secularization B. SOC - 3
- Students Will be able to knowledge Social-Stratification. Coste, Class, Power & Gender. B. Soc. 4

## SEMESTER - III of (B.A. 2nd Year) Methods of Social Research

## Course out comes (cos)

- B-SOC 1 Students Would know about the basic understanding of Social Research & Scientific Methods.
- B-SOC. & Students would be able to explain various Methods and techniques of date collection.
- B-SOC 3 Students would be able to understand Hypothesis, Research design. Sampling Methods.
- B. Soc. 9. Students would acquire a skill in Measure of Central Tendency & date analysis process in details.

## Semester - Wth. Social Problems In India

- The students Hould Learn about basic concepts B. SOC T
  - The students would be acquainted with different
- Problem, SC class & Minorities B. SOC 2.
- The Students would begin about problem Reducted to Indian society. Problem of agld, Domestic B. 500 3. Violence Divorce etc.
- The students winter leave about contemporary Issues Related with social problems. B. Soc. 4



## SEMESTER - 5th (B.A. III of year) foundation of Sociological Thought

- B. Soc 1 The students would Leirn about Various aspects and Role of Positivism in sociology as a discipline
- B. SOC 2 The Students would Learn about the function list peoplective in bordology in the opinion of its Pioneess.
- B. SOC 3. It will help the students to understand conflict Perspective to study social phenomenon.
- B. soc 4 Students will acquire insigns 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
- B. Soc 3. It will Provide an understanding of Rural reasoning and trends of change in Rural society.
- B. Soc. 4. Students will understand Rural Political
  Structure & Status of Women in Rural In India.



Course Specific Outcome &
Programme Specific Outcomes

For

M.A. SOCIOLOGY



MOA IN SOM. OF SOCIOLOGY

PROGRAMME

OUTCOMES ( PO'S)

- emorgence, questions asked and distinctive Contributions of the social science disciplines do the analysis of human behavior and social issues.
- PD 2: PROBEEM SOLVINOS: Visualize, Conceptualize, auticulate and Solve Complex problems through experimentation and observation using theoretical framework of social science disciplines.
  - problems baced by the society evaluate specific policy proposals, company arguments with different conclusions do a specific societal issue and assess the role played by assumptions in such arguments.
- PO 4: SCIENTIFIC ENQUIRY: Develop the capability of defining problems, formulate hypothesis, collect or elevant data, develop empirical evidence and disciplines the oresults of such analyses.

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

PDG: SPECIALIZATION AND EMPLOYBILITY: - Develop deeper understanding, oneghvity, originality, analytical and witical skills in chosen specialized area of, social science and beyond.

#### Session 2022-2023

- PO7: Interdisciplinary KNOWLEDGE & ADAPTATION: Enhance ability to integrate as well as synthesize the acquired knowledge within the social sciences as beyond .
- POS: SELF DIRECTED LEARNING: Develop the ability & work independently as well as effectively in the changing envisionment.
- 109: ETHICS: Anticulate and apply ethics, values and ideals that demonstrate awareness of awaren society challenges.
- POIO: LEADERSHIP: Build skills to work as part of a team and lead others, setting directions and bornulating insploing vision.
- POU: COMMUNICATION: Communicate conclusions, interpretations and implications clearly, concirely and effectively both onally and in weitting 600 different types of audiences.
- POU: PROJECT MANAGIEMENT: Use investigative skills necessary for conducting disciplinary-Projects programme specific outcomes (PSOs):
- The students would be able to have broad understanding a need of discipline in different phase of dwelopment of society.
- The Program would provide the critical reasoning concept in the discipline of key issues and PS02=
- PSO 3: The stiedents would be able to understanding the voising theoretical alternatives for the reciological interpretation pso 4: The straints exercised the social off issues and empirical the straints exercised to have analytical and empirical industrial and extraints exercised to have analytical to bornulate the understanding of the straint proposed to have analytical to bornulate the PS03:



M. A- (Bre.) Sociology - Sem. Ist. M-SOCCOOL PAPER: - GENERAL SOCIOLOGY

## COURSE OUTCOMES

M-soce-001: 1. Students will undustand nortwee, scape, significance and origin of the Socialogy.

M-SOCG-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-SOCTOLOGICAL THEORY-I

M-SOCC-002:1. Student will get insight about nature, types and process of construction of sociological theories.

M-SOCC-002: 2. Shidents will claim about positivism and anti-positivism theoretical orientations.

M-SOCC-002: 3 Students will understand functionalist and structural-functional perspectives of Sociological thought

-002: 4. Students will get knowledge of conflict theories.

M-SOCC-003 (Compulsory)-RESEARH MEHODOLOGY-I

M-SOCC-003:1. Students would be able to understand notes.

M-SOCC-003:2. Students will leaven the process of doing scientific research.

M-SOCC-003:3:3. Students will acquire skill to design the research and sampling alongwith to develop the scales

M-Socc-003:4. Students will be acquainted with date, data sources and techniques of data collection.

->M-SOCE-061 (Elective) Rural SOCIOLOGY.

Course outcomes

M-SOCE-011:1 Students will gain on understanding about nature, scape and significance of owner Sociology.

M-SOCE-011:2. Students would familiarisize with the

MSOCE-011:3: Students will learn about ownal economic and balitical.

M-SOCE-OII: 4. Students will know about different social problems of sural area.



#### Session 2022-2023

SOCE-015 (Elective) SOCIAL PROBLEMS surve Outcomes

-SOCE-015.1 Students will get a substantial understanding with a detailed Knowledge of Social problems as aconcept and its different porspectives.

M-SOCE-015.2. Students will be able to malyre the social problems into group context.

M-SOCE-DIS. 3. Students will get a sense of gender disculmination and woman's protections.

M-SOCE-015:4. Students will been about different forms of deviant behaviour.



Semester - and M. A. (Previous) Sociological Theory -

M-Socc. 1 - The studente will gain knowledge of exthange theories & everyday life approch. M. Socc - 2 Students Will beable to understand Chitical transfer of Frankfurt School and will understand Comparative analysis of different Critical social Students Will get an Insight into theories. of structuralism and post- structuralism. Students Will be acquainted with olifterent. M. Socc- 3 Perspective on Indian society. M. SOCC-4.

Indian society & culture

Course outcomes students will be Introduced to the historical moorings of Indian society with the continuity and contradiction through the centuries. N- SOCC-1.

M- Socr-2 Students Will know about different forms of Social stratification in Andian Bociety.

M. Soci. 3. Students Will understand the basis of Social Hovements and Protests.

Students Will familiarily with Various Social Institutions of Inclion Beciety and changes in its. M. Socc. 4.

M. A. (Previous) - " Semester - 2nd M. Soce-020 (elective) Couminology

#### Couse out comes

M. Soce-Of Students Will be familiatinged with Chiminology, as a cliscipline and get a Skill to handle Crime statistics.

M. Solt. Od students will acquire knowledge of theoretical persectives applied in b

M. SOCE- 3. Students will testenstand various forms students will become proficient in

connectional approaches and control Mechanisms to bandle crime. M. SOCE. A



M. A (Polevious) Semester - 2nd . Course criticing Research Methodology - I M. Socr-I students Will get an exposure to qualitative and quantiative types of Research. M. Socr-2 Studente Will acquire a skill to handle and Process the pociological date and its analysis. Students WIII become competent in dealing With mormally distributed alata as well M. Socc - 3 asolivergence from normality. in addition to its, students will be able to correlate different Students klill be proficients in different tests of significance commoly used in sociological statistical techniques. Sociology of Populations studies M. SOCE (Elective) N.SOCE-1 students will understand magning, Nature & Importance of Population Studies. M. Soce 2. Students will be acquainted with proneers of Repulation studies and their Theories. Students will gain knowledge of basis concept
of demongraphy and will become proficient M. SOCE - 3 Students will get an Insight about alemographic into their measurement. Stucture of Justian and its challenges. M. SOCE +

#### DEPARTMENT, OF SOCIOLOGY M. A. 3 MASEMSTER

M-SOCC-007 (COMPULSORY) ADVANCED SOCIAL THEORY TRENDS

## Course Outcomes-

M-SOCC-007:1. Studends will be an insight integration of micro and macro social theories.

M-SOCC-007: 2. Students will be able do understand different sphere of life and analyse it bybriding the gap.

M-SOCC-007:- 3 Students will learn about synthesis in

M-SOC-007:-4 Studends will be acquainted with boot modern scenario in the world social system.

Course outcomes

#### -M-SOCE-OZICElective GENDER AND SOCIETY Course outcomes

M-SOCE-021: 1. Shidert will get insight about the concept of sex and gender along with process of construction of gender.

M-SOCE-O21:2- Students will be acquainted with the theories and movement bentaining to gender relations.

MISOCE-021:3. Studends will get a sense of related to gender discrimination.

M-SOCC-010:2: Students will gain insight into theories of development

#### Session 2022-2023

- M-SOCE-021:3. Students know about the status of woment
- M-SOCE-025 (Elective) SOCIAL CHANGE AND DEVELOPMENT.
  - M-SOCE-025:1. Students will be familiarized with the concepts, characteristics, sowices, borns and forces of social change.
  - M-SOCE-025:2 Students will know about theories and patterns of social charge.
  - M-SOCE-025:3. Students will be able do interpret the concepts of development and underdevelopment.
  - M-SOCE-025:4. Students will understand the different theories development and underdevelopment.
- M-SOCE-027 (Elective) SOCIAL CHANGE AND SOCIAL MOVEMENTS IN INDIA

## Cowise outcomes

M-SOCE-027:1. Students will get an undoestanding of the meaning, dimension and types of social change

M-SOCE-027:2. Students will get familiarly with contemporary social change in Indian society



#### Session 2022-2023

- M-30CC-010:3. Students will understand the viole of econo. in development along with emerging trunds.
- M-SOCC-010:4- Students will be able to malyse the violations between social structure and development.
- →M-SOCE-029(Elective) CULTURAL STUDIES

#### Course outcomes

- MSOCE-019:1 Students will leaven about meaning, emergence nature and eignificance of cultural studies.
- At-SOCE-029:2. Students will be familiarized with various perspective of cultural studies.
  - M-SOCE-019:3. Students will be acquainted with key.
    Concepts and methods in cultivial studies.
  - M-SOCE-029:4. Students will gain knowledge of issues vielated do production and consumption.
- -> M-SOCE-030(elective) ENVIRONMENT AND SOCIETY

### Cowise Outcomes

- M-SOCE-030:1. Students will leaven about sociological thinking on envisionment.
- M-SOCE-030:2. Students will acquire capability to analyse the developmental issues and envisionment factors.

7-SOCE-030:3. Students will be familiarized with various enivorament movement in India

M-SOCE-030:4. Students will know about green politices and programs.

->M-SOCE-034 (elective) PERSPECTIVES ON INIAN SOCIETY

- Course Outcomes

M-SOCE-034:1. Student will get an insight about text view and Indological approach to understand social system.

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 Maxism perspective to analyse Indian Social structure.

M-SOCE-034:4. Students will acquire understanding of subalton perspective in turns of the analyzing Indian social system's



Course Specific Outcome &
Programme Specific Outcomes

For

M.A. SANSKRIT



## रूम = २० (कार्य क्रम विशिष्ट परिणाम)

PO1: वैदों में वर्णित रैद्धिन्तिक और वैद्यानिक काम ।

PO2: भारतीय दर्गन सम्पता और काव्यज्ञास्तीय ग्रन्थों का जान ।

PO3: वैदिक काग, साहित्य और काव्यज्ञास्तीय ग्रन्थों का जान ।

PO4: दैव स्तुति और स्तृष्टि प्रक्रिया का ज्ञान

PO5: भारतीय कता और विरासत का आधुनिक तकनी की में थोग्दमा।

PO6! विविध संस्कारों और विचार धाराओं का ज्ञान ।

PO7! लीक परम्पराओं, प्रथाओं, कर्तथों का ज्ञान ।

PO8! अल प्रक्रिया के द्वारा मानस्कित - आरीरिक रींग गिवारण )

PO9!- मनुस्मृति में प्राचीनतम संविधान रुखं धर्म-ग्रन्थों का साल ।

PO9!- मनुस्मृति में प्राचीनतम संविधान रुखं धर्म-ग्रन्थों का साल ।

PO!! प्राचीन संस्कृत के अनुसर 16 ग्रंस्कारों का अध्ययंत करना /

PI!- संस्कृत साहित्य में विश्वस्तान तत्कालीन सामाजिक, राजकीतिक



नेना अग्नि: समि

एम. ए. प्रथम वर्ष (संस्थित) प्रथम सेमेस्टर (प्रयम पेपर) पाठ्यक्रम परिणाम Cot रेदिक शिरता के माध्यम से अपने, शमिता, विष्णु, इन्ह्र, सह, ब्रहस्पाले क्रण एवं सौन दैवताओं का वर्णन उनकी स्तुति एवं उनके महत्व की जानकारी विद्यार्थी प्राप्त करेंगे। Co2 पुरुष, हिरंण्यगर्भ, नारादीयम्, वार्स सुम्ती के मार्थाम में सूचि-प्रतिया की जानकारी विद्याची प्राप्त करें में। 003 पुरुरवा - उन्होंगे, यम - थमी, सरमा -प्रावे, विश्ववामिता -नदी संवाद-सुमती के मार्थम में तत्कालीन समादा के विषय में विद्यार्थ पानकारी प्राप्त करेंगे। Cot इशाबास्थीपनिषद् के माध्यम से जीव की अपने कर्नी की करते इस विधा - अविधा, सम्भूति - असम्भूति के विधय में विधार्थी अलकारी प्राप्त करेंगे। वितीय सैमैस्टर (प्रथम पैपर) -COI: निस्वल के आधार पर आन्यार्थ - थास्क, हारा विविधा कें सिद्धान्तों की जानकारी में द्वाताओं की अवगत करवाना Co21- विक्रमल पढ़ने का अधिकारी, विक्रमत अध्ययन एवं देवताओं कै स्वरूप से व्यानाओं की अवगत करवाना। Cos रेतरेंग - ब्राह्मण के द्वारा पुत्र की महता, तलालीन - खाभाविक, परिस्पिति स्वं थानः - भीष आरुपात की उपयोगिता से ब्यासाओं की अवगत करवासा। (04 मैदिक - संस्कृत का स्वरूप, भी किक संस्कृत, सकियों का परिन्त्य, पद -पाठ के विश्म में धानाओं की अवगत 1/0//0//de

#### रुमः २० प्रथम वर्ष (संश्कृत) प्रथम सेमेश्टर (द्वितीय वेपर)

#### पाउथक्रम परिणाम

- COI. संस्कृत के आधार मीहेक्कर सूत्रों , संजा प्रकरणा, सन्धि प्रकरणार की सरल विधि से अनकारी देना ।
- CO2 द्यात्राओं की अजन्तपुर्तिंग, व्यत्रीलिङ्ग, निपंचकिङ्ग, हलन्तपुर्तिङ्ग की रूपीसिंह का ज्ञान कराना।
- CO3. न्यादिप्रकरण की सुत्रील्लेखपूर्वक रूपिसिद्ध प्रक्रिया व पूर्वकृदन्त प्रत्ययों की विद्याप्ट जानकारी।
- CO4. भाषाओं का वैज्ञानिक अह्ययन करने के विश भाषा-विज्ञान से अवगत कराना ।

### द्वितीय सेमेरटर (द्वितीय पेपर)

- COI. तिद्यन्त अद्यिप्रकरण की भूत्रोल्लेक्सपूर्वक रूपीसिद्ध प्रक्रिया व नामन्यात , अएमनेपद , परस्मीपद प्रक्रियाका विशिष्ट अद्यान ।
- CO2 समास प्रकरण , तिह्नत प्रकरण की सूत्र व्यारूया से अवगत करामा ।
- CO3. द्यात्राओं की कार्क किमिक के माह्यम से सरल अनुवाद सिखाना ।
- CO4. आणा बिज्ञान में शब्द, पद, वाक्य के पश्चात अर्घ का जान छात्राओं की करवाना ।



#### स्म ॰ स्॰ प्रचम वर्ष (संस्कृत) प्रथम नीमस्टर (तृतीय वेपर)

पार्यक्रम परिणाम

- CO1. तर्कत्राषा के माध्यम से दर्जनशास्त्र का सामान्य जानमत्रवाना।
- CO2. प्रमाक्तरण प्रमाणम् , षड्बिच सन्निकर्षः , हेट्याभारा का विशिष्ट अहम्पन ।
- CO 3. सारुव्यदर्शन का सामान्य परिचय ।
- CO4. सार्व्यकारिका के सत्कार्यवाद का प्रतिपादन , त्रिशुण परिचय, सूहम शारीर का विशिष्ट अह्ययम ।

## हितीय सेमेक्टर (तृतीयवैपर)

- COI. आचार्घ जीगावित्रास्कर द्वारा रोग्यत अर्थसंग्रह का सामान्य प्रहिच्य ।
- CO2. अर्थर्सग्रह में औष्प्रकार विधियों का विवैद्यन मंत्रीं का अर्थ, प्रयोजन , निषेध नामक मन्त्र मेप की व्याख्या से व्यात्राओं के अस्मात कराना।
- CO3. वेदान्तदर्शन का सामान्य परिचया।
- ८०५ वेदान्तसार में अनुबन्ध न्युहरूच, लिङ्ग शरीर , जीव का स्वरूप , ईश्वर बी भिग्नेषता , अन्नान का स्वरूप से द्वांत्राओं को स्त्रीन से जीडना । 'तत्वमसि' अहं भद्रास्भ'

एम. ए. प्रथम वर्ष (संस्कृत) प्रथम सैमेस्टर ( -वलुध पैंपर)

पाठ्यक्रम परिणाम

(७।१- महारूवि माद्य के व्यक्तित्व म्ब्रिशित्व स्थं काव्यगत विशेषताओं

(02!- अवसूति भी के व्यक्तित्व, कृतित्व कवं अवसूति भी भी ताह्य - भीनी भी जानकारी विचार्षी प्राप्त करेंगें।

८७३। 'उत्तरराम-परिलम्' लाटक में वर्णिल राम -सीला, लव - अग्र, इत्यादि पार्ते का -परित - पित्रण स्वं करूव रस कैं मुख्य रस के रूप में समीझात्मक ज्ञानकारी विधार्थी प्राप्तः करेंगें।

८०४: महाकिन कालिशस के व्यक्तित कालित भाषा - सौंध्वन, मैंघदून के वाजित प्रकृति चित्रण की जानकरी विद्यार्थी प्राप्त करेंगे। कुम. एक प्रथम वर्ष (संस्कृत) द्वितीय सैमैस्ट (-वर्ष पेंपर)

COII- संस्कृत - ग्राध्नात् बाणमार का जीवन परिचय, एवकी ग्रथ - मैली स्वे महाश्वेताञ्चलान्त की विस्तृत जानकारी धाताओं को प्रदाल कराता

८० २!- संस्कृत - साहित्य के सुप्रशिद्ध आन्यार्थ विश्ववशाघ का जीवल-परिन्य उत्तरे द्वारा पदत काव्य - प्रयोधन, काव्य -लहाव एव वावये स्सालाके काव्ये " की साधकिता की समीकालक जानकारी द्वात्राओं की प्रदान कराना ।

८०३! आवय का स्वरूप वारय-मेह शब्द -शक्तियाँ रखं तात्पर्धश्री की जानकारी ब्हासाउमें के प्रदात करावा।

८०१ महास्त्री कालियास प्रवीत मैंदाइत में विभिन्न मैदासमि २२वे स्वाव्डकाव्य की विशेषवाओं की जासकारी स्वानाओं. को प्रदाल कराला।



रमः एः प्रथम वर्ष (संस्कृत) प्रथम सैमैस्टर (पञ्चम् चैपर)

पाठ यक्रम परिणाम

- (01! मनुस्मृति के माध्यम में साथि उत्पति, देवमानुष करू परिणाम, -वारों वर्षों के प्रदाल करीकों में ब्रामाओं की अवगत वरामा।
- (62 मनुस्मृति में वर्णित प्राचीनतम सीविद्यात-धर्मप्रन्य द्वारा आत्मकत्थाण हैत भानव के आचार-विचार करीवा अकरीब की विश्वार जानकारी में धानाओं को अवगत करावा।
- ८०३ आन्यार्थ न्याष्ट्रास हाता रिवेत अर्चिशास्त के 15 वे उत्तरधाय में वर्णित सुख दुख, धर्म, पुरूष रुवे रती कार्तत्थ का विवेन्यनात्मक अध्ययन के धाताओं की व्यवगत कराना।
- Co4 -गाणन्य -सत के निर्मित है का पुरूष दुख्य पुरूष की नुलाग रखं उनके व्यवहार से धाताओं को अवगत कराना / द्वितीय से मेंस्टर ( पञ्चम पेंपर )
- Col! थानवल्पय समृति के व्यवहार अन्याय में पुन के प्रकार, स्तीयन, व सम्पति विभाजन का जान व्यानामीं की पदाल कराना
- (01! धर्म-अर्थ, और तम धर्मसत्त, आपस्तम्ब धर्मसत्त, असिक-धर्मसूत विच्छु - धर्मसूत्त का ज्ञान स्थाताओं के प्रदान कराजा
- ८०३: इंशनन्द सरस्वती द्वारा रिवेल सत्यार्थ प्रकाश में ईश्वर-स्वस्प, ईश्वर - नाम में विषय का सान स्वाताओं की प्रयत्न सराजा
- ८०१! सत्याप प्रकाश में विवित जातका संस्कार जानकरण संस्कार उपयत -संस्कार उपयत - संस्कार वैदारम्य - संस्कार का कान बाजाओं की प्रदात करावा।



रुम॰ र॰ द्वितीय वर्ष वृतीय सेमेस्टर (घटठ वेपर)

- CO1. यामि जामा का सामान्य अहययन करवाना /
- CO2. पालि पदा, गय के माध्यम से प्राचीन थर्मी के के साहित्य का कान ।
- CO3. मारतीय इतिहास के निर्माण में पार्टी साहित्य के छाह्ययर्ग का महत्व बताना
- CO4. पार्वि ज्याकरण सम्बन, समास, कारक का जान करवाना)

# -पुरुष सेमेस्टर ( घठ वेपर)

- CO1. प्राकृत भाषा मा सामान्य अह्ययन मरवाना ।
- CO2. प्राकृत पद्म, ग्रह्म के माह्यम से प्राकृत भाषा का
- CO3. भारतीय इतिहास के भिर्माण में प्राकृत साहित्य के हमहययन का महत्त्व कंत्रामा।
- CO4. प्राकृत क्याकरण सम्प्नि, समास', कारक का जान करवाना।



रूम. ए. द्वितीय अमें संस्कृत वृतीय सेमेंस्टर (सम्बन पेंपर)

HIBY HORE BUTTER

- Col: शुइक्जी के जीवन-परिचय रूवे उनकी चात्य शैली की समीद्यालय अध्ययत से धाताओं की अवगत करावा।
- (02 म् न्यकिकम् में वर्णित रस निरूपण, पात्त चित्रण, तत्कालीय सामा विक - व्यवस्था में बात्राओं की अवगतं करावा।
- Co3 भी हर्ष का जीवन परिन्य रत्नावरी नारिका के विषय में 10 ब्हामाओं की अवगत कराना।
- Cot रत्नावली नाहिका की समीग्रा, इवं मंत्र्याकत में ह्याताओं को अवगत कराचा

रूम. ए. दितीय वर्ष (संस्कृत) -गुडु में मैस्टर (सम्तम पैपर)

- (०): आन्यार्थ व्यनज्ञाय द्वारा विभिन्न नाह्य -ख्यस्प, अर्धि-प्रसूतियाँ उनकी अवस्थाएं, सन्नि व उनके केंद्र की जानकारी से धामाओं के उपवास कराजा।
- 002! इसमें नारम प्रग्रींग, भारती हाती , आनुखी कें अड़ी का विवैन्तन नारक,- संश्नामा, विभादि - स्थारम, स्थायी भावी कें विवैन्तनात्मक अस्थयत के धानाओं की अवगत कराना।
- ८०३! नारय साहित्य स्वरूप, महत्त्व संस्कृत नाटकी के उद्गार प्रथं विकास, रूपक के और - अर्थेंह से द्यागाओं को अव्यासवरमा।
- ८०५ आन्यार्थ भरत, शारदात्मप, साणरनान्दी, हैमन्दान्द्र, गुणनान्द्र अगन्यार्थ - विद्यात्मर, रूपग्रीस्वामी अभिकादिके व्यक्तित्व रूपं कृतित्व के स्यामान्य परिन्या के द्यामाओं सी



# रुम॰ रु॰ डिलीय वर्ष (संस्कृत) तृतीय सेमेस्टर (उनक्टम पैपर)

- COI काव्यक्षास्त्रियों ग्रन्थों, खानार्थ मम्मट के विष्य में द्यानाओं को जानकारी प्रदान करना।
- CO 2 काव्य का स्वस्प, जसहा , प्रचीवन से प्रात्राओं की अकात कराना ।
- CO3. 2104 बाबितयों का परिचय कराना।
- CO4. अभिया, लसगा, जयञ्जना के भीदों का जान कराना।

# -पृतुर्घ सेमेस्टर (अध्या वेपर)

- COI. आचार्य प्रमार रीचत काल्पप्रकारा के परयोष, रसदीष, अर्थजतरीषों का ज्ञान करवाना।
- CO2. मार्चियादि गुठों से विस्तीर्धियों की असमत मत्वाना।
- CO3. 210दालद्वार और अर्घीलद्वार से द्यात्राकों की
- CO4, अमन्दर्बर्धन द्वारा रीचत हवन्यातीक में ह्वीन के स्वसम की धिवास्ट सम से जान करवाना।



# रम. र हिरीभ वर्ष ट्लेक्ट ) त्तीम समेस्टर (जनम पेपर) नादमहम्म परिवाम Col. भी हर्ष देश जीवन परियम उसकी देशका रचना का रामीद्रालमक 10144316 भी हम नैपदायारीम में अंतिकार काटम रचना श्रीती की प्रधानता सी विद्यार्थियों को अवगत कराना Co3. हर्मनारित का परिपम भाता काल काल से विद्याभियां की अवगत क्याना ८०५ बावभट रानित हर्मनारी में विद्यार्थियों में अध्मेक वस्तु का स्थाव - नियत्र उपार्श्यत करीमा - जार्य सेमेस्टर (नवम पेपर) COI व्यत्यम् का सामान्य परिचय से विद्याधियों को अकात CHX (41) ८०२. नलचम्पू में अयं एवं परा से वियाधियों को अकारा 500/10/1 Co3. दाठडी कामावश का स्थान कालमनेद से अवागता ( hal )400 ८०५. क्लाब्माद्यी की महाकाब्मों के अवालों की जानकारी

सी अवगत कराना



ना अग्नि: सी

# रुम॰ २७ द्वितीय वर्ष वृतीय सीमेस्टर (दसवा वेपर) दवाम वेपर

- CO1. बिट्हा का जीवन परिचय और उनकी कृतियों का सामान्य परिचय |
- CO2. विक्रमाङ्कः देव-वीरतम् के माह्यम से भीहरु राजा के वर्त्तव्यों से वाजाओं की अध्यात करवाना (
- CO3. पंडितराज जगन्माच का सामन्य परिचय और भामिनी बिवास का विशिष्ट अह्ययन /
- CO4. म्हामवि मालियास प्राचीत मैद्यवूतम् के उत्तरमेख में अलमापुरी मा कीन और थानिनी का परिचय।

# न्यर्र्ध सेमेस्टर (दबार वेपर)

- 201 छार्सुनिक मिव बर्स माद्र गोस्वामी के व्यक्तित्व और कृतित्व का सामान्य परिच्या ।
- CO2 काणीनिजरपाम में बीजित महाहानी नर्ज की जिला,
- CO3. कर्णामिजात्यम् नारम् हैं। विश्वित तत्कातीन रहियों और तिरस्कृत कानीन पुत्र के विषय में धानाओं को अवगत कराना।
  - CO4. उत्तरमिय में मेरा द्वारा थीलेगी के सन्देश 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.

СО	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



## M.A. (Semester-I) Session 2022-2023

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

СО	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 Vivavoce.

#### **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.

СО	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.

СО	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.

СО	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 Vivavoce.

СО	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 1-O Psychology to personnel selection, organizational commitment, work motivation etc.

Psy303(E)-4 Acquire the knowledge about job satisfaction, burnout and motivation.

СО	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.

СО	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. Practicals will be decided by the teacher teaching the paper. One practical will be allotted to a candidate during the examination and evaluation will be based on Practical Note Book (25 marks), Performance (25 marks) and Viva-voce (50 marks).

#### M.A. (Semester-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).

СО	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.

СО	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. Practicals will be decided by the teacher teaching the paper. One practical will be allotted to a candidate during the examination and evaluation will be based on Practical Note Book (25 marks), Performance (25 marks) and Viva-voce (50 marks).

M.A. (Semester-IV)

Paper: Psy409(C)(ii) - PROFILING OF INSTRUMENTS

Credit:2

Max. Marks: 50

Time: 3 Hours

Course Outcomes:

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

Psy 409 (C)(ii) - 1: Have through understanding of different Psychological tests. The candidate will prepare a profile of three measuring instruments from each optional paper, other than those covered in Practicals. Two instrument profiles will be allotted to a candidate during the examination and evaluation will be based on Profile Record (12 marks), Report (12 marks), and Viva-voce (26 marks).

СО	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

- 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 20<sup>th</sup> century.
- ➤ They will be able to interpret representative writings from 20<sup>th</sup> and 21<sup>st</sup> century.

# Paper-E Study of a Genre: Fiction Part-1

- 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 17<sup>th</sup> century.
- They will be familiarized with the prose writing of 17<sup>th</sup> 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 18<sup>th</sup> century English literature.

## Paper-C

## Literature in English (1798-1914) Part-1

- 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**

- The students will be able to learn the emerging trends and movements in the 20<sup>th</sup> and 21<sup>st</sup> 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) English2nd 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)**

- 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 2<sup>ND</sup> 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 geners 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,1<sup>st</sup> 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	on th	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 tr	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.					
СО	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 it 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.

СО	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.



### Session 2022-2023

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.

СО	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.

СО	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, Corelation & 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.



### Session 2022-2023

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.

СО	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.			

СО	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,2<sup>nd</sup>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.



### Session 2022-2023

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.

СО	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, 3<sup>rd</sup>Semester 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 wellbeing.
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.

СО	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
werage	3	3	3	3	3



### Class: M.A. Yoga, 3<sup>rd</sup>Semester Course Code-M.A.Y 301

**Subject**: Fundamentals of Naturopathy

004	Demonstrate advanced understanding of nature nothic nainciples
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.
	iiiiliduves.



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СО	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,3<sup>rd</sup> 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 Brahmavidya.
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.

СО	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, 4<sup>th</sup>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.

СО	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 ,4<sup>th</sup>Semester

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.
DO4	Demonstrate a community understanding of the principles of putuition and their
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.

СО	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, 4th Semester

Course Code: MAY 403

Subject: Kinesiological Aspect of Yoga

CO1	To acquaint students about meaning of Kinesiology, axisis, 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.
РО3	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.
	to promote nonational marketse populations.

СО	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



### Session 2022-2023

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 20<sup>th</sup> 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. हिंदी

### पाठ्यक्रम परिणाम

एम. ए.पाठ्यक्रम हिंदी से छात्राएं निम्नलिखित में सक्षम होंगी।

- 1. आधुनिक काल में रचित हिंदी कविता की विविध प्रवृत्तियों को महत्वपूर्ण कवियों और कविताओं द्वारा समझना ।
- 2. आधुनिक काल में रचित विविध गद्य विधाओं का आलोचनात्मक अध्ययन ताकि उनके माध्यम से साहित्य एवं समाज के अंतर संबंध की जानकारी हो सके।
- 3.1050ई. से अब तक रचित हिंदी साहित्य इतिहास की विविध सोपानों के माध्यम से जानकारी।
- 4. भाषा एवं विज्ञान,कोश विज्ञान,शैली विज्ञान लिपि की वैज्ञानिक जानकारी प्रदान करना।
- 5. जनजीवन में गहरी पैठ बनाने वाले कवि कबीर की बानी की निर्गुण साहित्य परंपरा को जानना।
- 6. भारतीय एवं पाश्चात्य काव्यशास्त्र में विभिन्न विद्वानों के वैचारिक दृष्टिकोणों द्वारा काव्यशास्त्र के विकास क्रम को जानना।
- 7. प्रयोजनमूलक हिंदी के माध्यम से कार्यालय हिंदी के बारे में जानना ।
- 8. प्रेमचंद की चुनिंदा रचनाओं के जरिए प्रेमचंद को समग्रता से समझना ।
- 9. प्राचीन एवं मध्यकालीन हिंदी काव्य की विविध प्रवृत्तियों को महत्वपूर्ण कवियों एवं उनकी रचनाओं द्वारा समझना।
- 10. भारतीय साहित्य और समाज के सामजस्य को समझना।

(1)

एम.ए.हिंदी प्रथम वर्ष (प्रथम व द्वितीय सेमेस्टर)

भाषा विज्ञान एवं हिंदी भाषा (कार्यक्रम परिणाम)

- भाषा एवं भाषा विज्ञान की परिभाषा एवं स्वरूप की सैद्धांतिक जानकारी प्रदान करना।
- 2. स्वनविज्ञान की परिभाषा एवं स्वरूप तथा वाक्उत्पादन प्रक्रिया का ज्ञान देना।
- रूपविज्ञान,वाक्य विज्ञान तथा अर्थ विज्ञान के सैद्धांतिक जानकारी प्रदान करना।
- हिंदी भाषा का इतिहास एवं विकास क्रम का ज्ञान प्रदान करना।
  - ्लिपि विज्ञान के सैद्धांतिक जानकारी देते हुए हिंदी प्रचार प्रसार में व्यक्तियों तथा संस्थाओं के योगदान की जानकारी प्रदान करना।
  - हिंदी कंप्यूटिंग की संक्षिप्त जानकारी प्रदान करना।
  - हिंदी की संवैधानिक स्थिति का ज्ञान प्रदान करना।
  - ्राप्ता के अध्ययन क्षेत्र,व्यवस्था और व्यवहार की जानकारी देना ।
- 9. व्यतीरेकी भाषा विज्ञान व समाज भाषा विज्ञान का ज्ञान देना

(2) एम. ए. हिंदी (प्रथम वर्ष)( प्रथम व द्वितीय सेमेस्टर) हिंदी साहित्य का इतिहास (कार्यक्रम परिणाम )

- 1. इतिहास का संबंध अतीत से होता है और इसमें वास्तविक घटनाओं और वृतांतों का ज्ञान होता है।इतिहास दर्शन कल के माध्यम से संस्कृति का अध्ययन करता है।
- 2. इतिहास मानवीय सरोकारों की व्याख्या करने वाली एक विधा है जो अतीत के संदर्भों से आगत को प्रभावित करती है ।
- 3. हिंदी साहित्य के इतिहास के अध्ययन के माध्यम से नई व्याख्या, नई प्रेरणा और नई दृष्टि से आज के आलोकपूर्ण पथ का मार्ग प्रशस्त करना।
- 4. साहित्य इतिहास के लेखन की समस्याओं, लेखन परंपरा काल निर्धारण की जानकारी प्रदान करना।
- 5. आदिकाल के नामकरण और सीमा परिवेश,काव्य प्रवृत्तियां,रासो काव्य परंपरा की जानकारी देना।
- 6. भक्ति काल और रीतिकाल के समय, परिवेश,,काव्यगत विशेषताओं की जानकारी प्रदान करना।
- 7. आधुनिक काल के परिवेश व भारतेंदु, द्विवेदी छायावादी, उत्तर छायावादी युग के प्रवृत्तिगत विशेषताओं की जानकारी प्रदान करना।
- 8. हिंदी गद्य विधाओं की जानकारी प्रदान करना।
- 🥦 हिंदी साहित्य की संक्षिप्त जानकारी देना।
- 10. हिंदी की संस्कृति- संस्थाएं, पत्रिकाएं, आंदोलनों के बारे में जानकारी प्रदान करना।

### (3) एम. ए. हिंदी( प्रथम वर्ष)( प्रथम -द्वितीय सेमेस्टर) आधुनिक हिंदी कविता( कार्यक्रम परिणाम )

- 1. आधुनिक कविता की प्रमुख प्रवृत्तियों और परंपरा का ज्ञान करवाना।
- 2. छायावादी कविता का अंतरंग परिचय पाने के लिए प्रसाद और निराला से प्रतिनिधि कवियों की कविताओं का पारायण करना और प्रसाद और निराला की रचनाओं की जानकारी के साथ दक्षता पैदा करना।
- 3. प्रगतिवादी आंदोलन की प्रवृत्तियों में चुनिंदा कवियों की कृतियां उनके सामाजिक सरोकारों और कलात्मक विशेषताओं की जानकारी प्रदान करना।
- 4. प्रयोगवादी कविता और नई कविता आंदोलन की रचनाओं को प्रतिनिधि कवि व उनकी कविताओं के माध्यम से समझाना
- 5. आधुनिक कालीन हिंदी कविता की विकास परंपरा और विविध आंदोलनों की जानकारी।
- 6. प्रयोगवादी परंपरा में अज्ञेय जी के योगदान की जानकारी प्रदान करना।
- 7. मुक्तिबोध और नागार्जुन के काव्य संसार से परिचित करवाने के साथ-साथ उनकी यथार्थ चेतना और लोक दृष्टि की जानकारी प्रदान करना।
- स्वातंत्र्योत्तर युग और रघुवीर सहाय की काव्यगत
   शेषताओं की जानकारी प्रदान करना।
- 🥦 राम काव्य परंपरा में मैथिली शरण गुप्त कृत साकेत की

अन्न अन्न: सम्बद्धियान विषक जानकारी देना।

10 उत्तर छायावादी काव्य और रामधारी सिंह दिनकर व उनके काव्य शिल्प वे

शारनना अगिन: समि

### (4) एम. ए.हिंदी (प्रथम वर्ष) (प्रथम व द्वितीय सेमेस्टर) आधुनिक गद्य साहित्य( कार्यक्रम परिणाम)

- 1. आधुनिक गद्य साहित्य नई सोच और नए दृष्टिकोण को विकसित करता है।
- आधुनिक गद्य साहित्य ने हमें प्रत्यक्षता तथा परोक्षया पुनर्जागरण के लिए प्रेरित किया।
- 3. आधुनिक गद्य साहित्य परिवेश और मनुष्य के बीच के संबंध को खूबी समझता है।
- 4.आधुनिक अध्याय साहित्य परिवेश अवमूल्यन पर चोट करता है।
- 5.प्रेमचंद कृत 'गोदान' से युगीन समस्याओं की जानकारी प्रदान करना
- 6. आचार्य हजारी प्रसाद द्विवेदी कृत 'बाणभट्ट की आत्मकथा' के माध्यम से ऐतिहासिक परिदृश्य से अवगत कराना।
- 7. महादेवी वर्मा के 'अतीत के चलचित्र' के माध्यम से सामाजिक समस्याओं की जानकारी देना।
- अधे-अधूरे नाटक के माध्यम से प्रयोग धर्मिता, आधुनिकता बोध की जानकारी प्रदान करना।
- 9. जीवनी साहित्य में 'आवारा मसीहा' के स्थान का परिचय देना

10 निर्धारित निबंधों व कहानियों के माध्यम से विभिन्न सामाजिक, यथार्थवादी वैचारिक दृष्टिकोण से अवगत कराना।

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एम. ए. हिंदी ( प्रथम वर्ष )( प्रथम व द्वितीय सेमेस्टर ) विशेष रचनाकार प्रेमचंद (कार्यक्रम परिणाम)

- 1. प्रेमचंद युगीन परिस्थितियों का ज्ञान करना।
- 2. प्रेमचंद की पूर्ववर्ती कथा परंपरा से परिचय करना।
- 3. प्रेमचंद की कृतियों के जरिए प्रेमचंद के योगदान की जानकारी देना।
- 4. प्रेमचंद की चुनिंदा रचनाओं के माध्यम से उनकी समग्रता को समझना।
- 5. प्रेमचंद के समकालीन और परवर्ती रचनाकारों आलोचकों की दृष्टि से प्रेमचंद का पुनर्मूल्यांकन कर सकना ।
- 6. प्रेमचंद के उपन्यासों में आदर्श और यथार्थ की जानकारी देना।
- 7. प्रेमचंद की रचनाओं में सामाजिक चेतना को समझना।
- 8. प्रेमचंद का पत्रकारिता के क्षेत्र में योगदान व उनकी प्रासंगिकता की जानकारी देना ।



Course Specific Outcome &
Programme Specific Outcomes

For

M.A. 2<sup>ND</sup> HINDI



### एम. ए. हिंदी

### पाठ्यक्रम परिणाम

एम. ए.पाठ्यक्रम हिंदी से छात्राएं निम्नलिखित में सक्षम होंगी।

- 1. आधुनिक काल में रचित हिंदी कविता की विविध प्रवृत्तियों को महत्वपूर्ण कवियों और कविताओं द्वारा समझना।
- 2. आधुनिक काल में रचित विविध गद्य विधाओं का आलोचनात्मक अध्ययन ताकि उनके माध्यम से साहित्य एवं समाज के अंतर संबंध की जानकारी हो सके।
- 3.1050ई. से अब तक रचित हिंदी साहित्य इतिहास की विविध सोपानों के माध्यम से जानकारी ।
- 4. भाषा एवं विज्ञान,कोश विज्ञान,शैली विज्ञान लिपि की वैज्ञानिक जानकारी प्रदान करना ।
- 5. जनजीवन में गहरी पैठ बनाने वाले कवि कबीर की बानी की निर्गुण साहित्य परंपरा को जानना ।
- 6. भारतीय एवं पाश्चात्य काव्यशास्त्र में विभिन्न विद्वानों के वैचारिक दृष्टिकोणों द्वारा काव्यशास्त्र के विकास क्रम को जानना ।
- 7. प्रयोजनमूलक हिंदी के माध्यम से कार्यालय हिंदी के बारे में जानना ।
- 8. प्रेमचंद की चुनिंदा रचनाओं के जरिए प्रेमचंद को समग्रता से समझना ।
- 9. प्राचीन एवं मध्यकालीन हिंदी काव्य की विविध प्रवृत्तियों को महत्वपूर्ण कवियों एवं उनकी रचनाओं द्वारा समझना ।
- 10. भारतीय साहित्य और समाज के सामजस्य को समझना।

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एम. ए. हिंदी (द्वितीय वर्ष)( तृतीय व चतुर्थ सेमेस्टर)

### प्राचीन एवं मध्यकालीन काव्य (कार्यक्रम परिणाम)

- 1. 'पृथ्वीराज रासो' के अध्ययन से आदिकालीन रास कवियों की प्रवृत्तियों को समझना ।
- 2. विद्यापति के अध्ययन के माध्यम से मैथिल कोकिल की रचनाओं में संचारित श्रृंगार की विभिन्न पक्षों को वर्णित किया जाता है।
- 3. मध्यकाल के 'स्वर्ण युग' भक्ति काल के महान कवियों कबीर, सूर, तुलसी के काव्य के
- अध्ययन से अनुभूति, अभिव्यक्ति और वैचारिकता के उत्कर्ष को जानना ।
- 4. रीतिकालीन कवि बिहारी की भूमिका सतसई काव्य परंपरा में बिहारी सतसई के स्थान के बारे में ज्यानकारी प्रदान करना ।
- 🦫 भ्रमरंगीत परंपरा और सूर के ब भ्रमरंगीत की जानकारी देना ।
- क्लकबीर की सामाजिक विचारधारा,दार्शनिक चिंतन, भक्ति व काव्य शिल्प की जानकारी देना

# एम. ए. ( हिंदी द्वितीय वर्ष) (तृतीय व चतुर्थ सेमेस्टर) भारतीय एवं पाश्चात्य काव्यशास्त्र (कार्यक्रम परिणाम)

- 1. भारतीय काव्यशास्त्र का परिचय देना।
- 2. भारतीय काव्यशास्त्र के विकास क्रम का परिचय देना ।
- 3. भारतीय काव्यशास्त्र का महत्व और साहित्य में उसकी उपयोगिता का परिचय देना ।
- 4. भारतीय काव्यशास्त्र के सिद्धांतों और सैद्धांतिक अवधारणा की जानकारी देना ।
- 5. भारतीय काव्यशास्त्र में साम्य वैषम्य और उसके कारणों का ज्ञान कराना ।
- 6. पाश्चात्य काव्यशास्त्र का परिचय व सिद्धांतों का ज्ञान करना ।
- 7. नई समीक्षा के सिद्धांतों की जानकारी प्रदान करना ।
- 8. आलोचना के विविध प्रणालियों तथा नई अवधारणाओं का परिचय देना ।

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# एम. ए. हिंदी (द्वितीय वर्ष)( तृतीय व चतुर्थ सेमेस्टर ) भारतीय साहित्य (कार्यक्रम परिणाम)

- 1. नाटक के माध्यम से समाज में फैली समस्याओं के प्रति छात्राओं को जागरूक किया जाता है।
- 2. 'वर्षा की सुबह' काव्य संग्रह के माध्यम से जीवन -बोध का ज्ञान करावाया जाता है ।
- 3. उपन्यास के माध्यम से छात्राओं में आदर्श चरित्र एवं राष्ट्रीयता की भावना पैदा करना ।
- 4. साहित्य समाज का दर्पण है। भारतीय साहित्य वर्तमान समय की समस्याओं के प्रति सचेत करता है।
- साहित्य छात्राओं में मानवीय एवं नैतिक मूल्यों के विकास में सहायक है ।
- 6. साहित्य के माध्यम से समाज सुधार एवं एकता की भावना को बढ़ावा देना ।

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### एम. ए. हिंदी द्वितीय वर्ष (तृतीय व चतुर्थ सेमेस्टर) प्रयोजनमूलक हिंदी कार्यक्रम परिणाम

- 1. प्रयोजनमूलक हिंदी के सैद्धांतिक स्वरूप की जानकारी देना।
- 2. अनुवाद विज्ञान के सैद्धांतिक जानकारी व महत्व बताना ।
- 3. जनसंचार माध्यमों की आवश्यकता तथा लेखन की विशिष्ट शैली का ज्ञान करना ।
- 4. कंप्यूटर प्रयोग के सैद्धांतिक व्यावहारिक जानकारी और हिंदी प्रयोग की विविध विधियों की जानकारी प्रदान करना।
- 5. राजभाषा हिंदी का ज्ञान करना ।
- 6. कार्यालयी राजभाषा के प्रमुख प्रकार्यों की जानकारी देना ।
- 7. पत्रकारिता विषयक जानकारी प्रदान करना ।
- ८. विभिन्न पारिभाषिक शब्दों से अवगत करवाना ।

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### एम. ए. हिंदी द्वितीय वर्ष (तृतीय व चतुर्थ सेमेस्टर) विशेष रचनाकार कबीर दास कार्यक्रम परिणाम

- 1 संत कबीर दास के समाज सुधारक रूप की जानकारी देन।
- 2 समकालीन संदर्भ में कबीर के महत्व को समझना।
- 3 कबीर के ज्ञान और प्रेम के माध्यम से समाज की सूप्त चेतन को जगाने का प्रयास करना ।
- 4 निर्गुण भक्ति के स्वरूप की जानकारी प्रदान करना ।
- 5 कबीर के रहस्यवादी भावना की जानकारी प्रदान करना ।
- 6 आधुनिक समय में कबीर की प्रासंगिकता विषयक जानकारी देना ।
- 7 कुबीर का स्त्री विषयक चिंतन समझना ।
- <mark>८ कबीर दास जी</mark> की काव्यगत विशेषताएं व भाषा 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



СО	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 in 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



СО	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.



СО	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.



СО	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 STATSTICS

**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.



СО	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.



СО	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	Studentswillbeabletoillustratethepossiblemanagerialrelevanceandimplicationsoft he 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.

СО	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

СО	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.

СО	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.
	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).

СО	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

СО	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.

СО	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	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/MajorTest 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.

СО	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-302BUSINESS 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

СО	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	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	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.

СО	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-331HUMAN 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.

СО	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.

СО	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.

COURSEOUTCOME:

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.

СО	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	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 SOCIALMEDIA 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.

СО	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.

СО	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.

СО	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

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

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

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

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

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

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

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

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

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

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.



СО	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,2<sup>nd</sup>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	PersonalPracticeandSelf-
	Care:Studentswilldevelopapersonalyogapracticethatsupportstheirownhealthandwell-
	being, recognizing the importance of self-carefor health care providers.



PO1		strate an advanced undo he ability to design ar fic health conditions.			•
PO2	Ability to effectively u	se Yoga, Naturopathy an gration of diverse approa	· · · · · · · · · · · · · · · · · · ·		nodality
РО3		eveloped advanced rese d conduct research studi			ncluding
PO4	Graduates will	have developed	effective comm	nunication ski	lls to
	communicate the	e benefits of yoga f	or health and w	ell-being to a v	ariety
	of audiences, including healthcare professionals and the general public.				
PO5	Select and create	e modern appropri	ate techniques	in the applicat	ion of
	Yoga, Naturopath	ny and Alternative	Γherapy.		
PO6	Personal	Practice	and	Self	-Care:
	Studentswillbeawareandupdatedwiththeresearchadvancesanddevelop				
	mentsinthefieldo	fYogicscienceandA	IternativeTherap	y.	

СО	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.

СО	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,2<sup>nd</sup>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 Meantal 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 wellbeing.
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.



СО	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
СОЗ	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).



СО	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.

СО	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



