

# SOPHIA GIRLS' COLLEGE (AUTONOMOUS), AJMER



## SESSION 2023-24

### Criterion 2: Teaching Learning and Evaluation

2.6.1: Programme Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachers and students:

# Introduction of NEP in 2023-24

## PROGRAM OUTCOMES

### B.A.Program

Program outcomes for a Bachelor of Arts (B.A.) program, designed to align with the guidelines of the National Assessment and Accreditation Council (NAAC) and the National Education Policy (NEP) 2020 in India:

1. **Enhancement of knowledge and understanding:** Students will be able to **analyze** and **evaluate** texts, theories, and concepts across various disciplines within the humanities and social sciences, fostering informed reasoning and decision-making.
2. **Communication Skills and Digital Literacy:** Students will be able to **articulate** ideas clearly and persuasively in effective **written** and **verbal** communication. They will also demonstrate proficiency in using digital tools and technologies for research, communication, and collaboration.
3. **Moral Ethical Awareness and reasoning:** Students will be able to **apply** moral and ethical principles in day to day life, enabling them to make morally & ethically sound decisions in personal and professional settings.
4. **Environmental Sustainability and Cultural Awareness:** Students will be able to assess and evaluate both human and natural environment, changes and their impacts on ecosystems and human societies, proposing sustainable management strategies.
5. **Community Engagement, Social Responsibility and Service:** Students will be able to sensitize towards community service and outreach programs, fostering a sense of civic responsibility and engagement with societal issues.
6. **Critical Thinking and Analytical Reasoning:** Students will be able to to analyse, evaluate and interpret evidence, arguments and claims. They will also critically evaluate practices, policies and theories to develop knowledge and understanding; able to envisage the reflective thought to the implication on the society.

## B.B.A.Program

Program outcomes for a Bachelor of Business Administration (B.B.A.) program, designed to align with the guidelines of the National Assessment and Accreditation Council (NAAC) and the National Education Policy (NEP) 2020 in India:

1. **Enhancement of Knowledge of Business Management and Accounts:** Empowers students with a deep understanding of core Business Management principles and accounting practices.
2. **Entrepreneurship and Ethical Leadership:** Students will be able to develop and assess business plans, identify market opportunities and mitigate risks associated and will be able to recognize and address ethical issues in business.
3. **Communication and Interpersonal Skills:** Students will be able to effectively communicate business concepts and ideas, both orally and in writing, to diverse audiences, fostering collaboration and teamwork.
4. **Functional Management:** Provides students with a comprehensive understanding of core business functions and their interdependencies.
5. **Business Environment and Legal Awareness:** Equip students with comprehensive knowledge of the external and legal frameworks that influence businesses. This program fosters an understanding of economic, legal and regulatory dynamics, ensuring compliance and ethical practices in organizations.
6. **Research Skills:** Students will be able to conduct independent research projects, including literature review, data collection, analysis, and presentation of findings.

## B.Com.Program

Program outcomes for a Bachelor of Commerce (B.Com.) program, designed to align with the guidelines of the National Assessment and Accreditation Council (NAAC) and the National Education Policy (NEP) in India:

1. **Enhance the foundational knowledge of management, finance, and economics:** It enables the learners to get theoretical and practical exposure in the field of commerce including accounts, management, economics, marketing, and human resources.
2. **Quantitative Skills:** Students will be able to utilize quantitative methods and statistical tools to make informed business decisions based on data analysis.

3. **Legal Awareness and Ethical Decision Making:** Students will gain a comprehensive understanding of business, companies, industries, and insurance. Students will be able to recognize and address ethical issues in business, ensuring responsible and sustainable practices in their professional conduct.
4. **Environmental Sustainability:** Students will gain in-depth knowledge of key components of the business environment, including economic, political, legal, technological, social, and cultural factors.
5. **Financial and Digital Literacy:** Students will be provided with the essential knowledge and skills to navigate e-commerce, management, and banking domains.
6. **Critical and Creative Thinking Skills:** Students will demonstrate the ability to think critically and creatively by analyzing complex business problems, synthesizing diverse information, and generating innovative solutions.

## **B.C.A. Program**

Program outcomes for a Bachelor of Computer Application (B.C.A.) program, designed to align with the guidelines of the National Assessment and Accreditation Council (NAAC) and the National Education Policy (NEP) in India:

### **1. Foundation knowledge & Digital Competence**

The student will possess a solid foundation in key computer science concepts, including programming fundamentals, algorithms, data structures, discrete mathematics, and software engineering. This knowledge will enable them to approach problems methodically and design effective solutions using appropriate techniques.

### **2. Effective Communication & Logical Understanding**

The student will be equipped with the skills to present complex technical concepts in an understandable manner, engage in discussions, and collaborate in teams, fostering interpersonal and professional communication. They will demonstrate proficiency in problem-solving, coding, and the ethical use of digital platforms, ensuring they can navigate and contribute to the ever-evolving digital landscape.

### **3. Technical Proficiency & Problem Analysis**

The student will have a strong foundation in computer science principles, including algorithms, programming languages, data structures, software engineering, and system design. They will be proficient in applying theoretical knowledge to solve practical problems in diverse domains of computing.

### **4. Critical Thinking & Decision Making**

The students will develop strong critical thinking skills, enabling them to analyze complex problems, evaluate various solutions, and make informed decisions. They will apply logical reasoning, systematic

approaches, and data-driven analysis to solve real-world computing problems, ensuring optimal and efficient solutions.

### **5. Ethical Development**

The student will value lifelong learning and commit to keeping abreast of emerging technologies, ethical issues, and industry best practices. They will strive for self-improvement in both technical skills and ethical conduct, promoting an ongoing commitment to professional development and responsible computing practices.

### **6. Project Management & Adaptability to Industry needs**

The student will be capable of designing, developing, testing, and deploying software solutions that meet user requirements and industry standards. They will stay current with rapidly evolving technology trends and be capable of adapting to new tools, platforms, and programming languages. They will be prepared to continuously update their skill sets, ensuring they remain competitive and capable in the dynamic field of information technology.

## **B.Lib.ISc. Program**

Program outcomes for a Bachelor of Library and Information Science (BLIS.) program, designed to align with the guidelines of the National Assessment and Accreditation Council (NAAC) and the National Education Policy (NEP) in India:

#### **1. Foundational Knowledge**

Educate the students in the philosophy of librarianship, basic principles, fundamental laws, professional ethics.

#### **2. Knowledge Organization**

Enhance the students in the skills of information knowledge processing, organization and retrieval.

#### **3. Library Management**

Train the students in the management of Library and Information Centre.

#### **4. Ethical Awareness and Social Responsibility**

Enable the students to understand and appreciate the purposes of Library and Information Centres in the changing social, cultural, technological and economic environment.

#### **5. Implementation of ICT in Libraries**

Train the students with basics of information and communication technology and its applications in Libraries & Information Centres.

#### **6. Library Classification and Cataloguing**

Train students in the techniques of classifying titles of documents according to colon classification. (Rev. Ed. 6) and Dewey Decimal classification, 19<sup>th</sup> edition. Trained students in cataloguing of documents according to AACR-II R and CCC (5th edition with amendments).

## B.Sc. Program

Program outcomes for a Bachelor Science (B.Sc.) program, designed to align with the guidelines of the National Assessment and Accreditation Council (NAAC) and the National Education Policy (NEP) in India:

1. **Scientific Understanding and Practical Knowledge gain:** Students will be able to **analyze** and **evaluate** texts, theories, and concepts across various disciplines within the scientific domain, fostering informed reasoning and decision-making.
2. **Communication Skills and Digital Literacy:** Students will be able to **communicate** scientific concepts clearly and effectively, both orally and in writing, to a variety of audiences. Students will be able to **demonstrate** proficiency in using digital tools and technologies for research, communication, and collaboration, adapting to the demands of the modern workforce.
3. **Environmental Sustainability and Human welfare:** Students will be able to assess and evaluate both natural and Human environment, changes and their impacts on the ecosystem and human societies, proposing sustainable management strategies.
4. **Moral Ethical Awareness, Social Responsibility, and Community Engagement:** Students can **apply** moral and ethical principles and social responsibilities, enabling them to make morally sound decisions in personal and professional settings. Will be able to foster a sense of civic responsibility and service
5. **Critical Thinking and Analytical Reasoning:** Students will be able to **identify, evaluate, analyze and** effective strategies to solve real-world problems, preparing them for contemporary challenges.
6. **Scientific Reasoning and Problem-Solving:** Students can logically reason, discuss, interpret, and draw conclusions from the quantitative/qualitative data and experimental evidence. They will develop the capacity to extrapolate from what one has learnt and apply their competencies to solve problems contextualize into research and apply once learning to real-life situations

## COURSE OUTCOMES (NEP INTRODUCED)

2023-24

### B.A. Program

S. No.	Course Code	Course Title	Course Outcome
<b>ECONOMICS</b>			
1.	MJECO-101:	Principles Of Microeconomics	On successful completion of the course the students will be able to- <ol style="list-style-type: none"> <li>1. Enhance their knowledge and understand the basic framework of micro-economics.</li> <li>2. Analyse and evaluate the consumer and producer behaviour.</li> <li>3. Interpret and apply the concept of equilibrium under different market conditions.</li> </ol>

2.	MJECO-201:	Principles Of Macroeconomics	<ol style="list-style-type: none"> <li>1. Analyze and evaluate macroeconomic concepts,</li> <li>2. Evaluate classical and Keynesian theories of employment, income, and output.</li> <li>3. Analyze consumption theories and trade cycle models to propose sustainable economic strategies.</li> </ol>
<b>ENGLISH</b>			
3.	MJENG-101	Modern English Usage and Communication skills	<ol style="list-style-type: none"> <li>1. To comprehend the basics of English Language and Grammar.</li> <li>2. To employ and enhance reading and writing skills.</li> <li>3. To demonstrate the latest trends in language and communication.</li> </ol>
4.	MJENG-201	English Literary and Social History	<ol style="list-style-type: none"> <li>1. Explain the relevant conditions during various literary ages.</li> <li>2. Identify the major literary trends of the ages prescribed in the syllabus.</li> <li>3. Evaluate the issue of race, gender and class in the 21st Century.</li> </ol>
<b>GEOGRAPHY</b>			
5.	MJGEO-101	Physical Geography–I (Elements of Geomorphology)	<ol style="list-style-type: none"> <li>1. Identify the concepts of origin of earth and its various landforms.</li> <li>2. Illustrate the different forces acting over the earth.</li> <li>3. Compare and analyze the different cycles of landform erosion and their processes.</li> </ol>
6.	MJGEO-102:	Practical: Basics Of Cartography (Contours & Profiles)	<ol style="list-style-type: none"> <li>1. Understanding the nature of relief features.</li> <li>2. To develop skills and competency regarding area analysis.</li> <li>3. Portraying the relief features with applying of contours and profiles.</li> </ol>
7.	MJGEO-201:	Physical Geography–II (Climatology and Oceanography)	<ol style="list-style-type: none"> <li>1. Understand the meaning and significance of Climatology.</li> <li>2. Explain various climatic phenomenon and deduce measures to control global environmental concerns.</li> <li>3. To build insights of Oceanography and analysis of hydrological phenomena</li> </ol>
8.	MJGEO-202:	Practical Study Of Weather Maps	<ol style="list-style-type: none"> <li>1. To build basic understanding of climatic phenomena and weather maps.</li> <li>2. To develop skills and competency regarding area analysis.</li> <li>3. Application and interpretation of weather-related parameters.</li> </ol>
<b>HINDI</b>			
9.	MJHIN-101	वक्रानुसारी, वाक्प्राणिकी	<ol style="list-style-type: none"> <li>1. कवि कल्लोल, कबीर, संतवाणी, जायसी की साहित्यिक विरासत से परिचित होकर व्याख्यात्मक एवं प्रश्नों का आलोचनात्मक विश्लेषण करने में  </li> <li>2. सूरदास, तुलसीदास, मीरा व रसखान के काव्य का व्याख्यात्मक कौशल विकास व प्रश्नों का समीक्षात्मक विश्लेषण करने में  </li> <li>3. काव्य के गुण तथा दोष, शब्दशक्ति, प्रमुख छंद व अलंकारों की परिभाषा व उदाहरण सहित समझने में  </li> </ol>

10.	MJHIN-201	fgnh l kfgR; dk bfrgkl	<ol style="list-style-type: none"> <li>हिंदी साहित्य के इतिहास का सामान्य परिचय और आदिकाल एवं भक्तिकाल का विस्तृत अध्ययन करने में।</li> <li>रीतिकालीन एवं आधुनिककालीन (भारतेंदु काल से छायावाद) परिस्थितियों, नामकरण, , कवियों का वर्गीकरण, काव्यगत विशेषताओं का अध्ययन dj us eA</li> <li>छायावादोत्तर काल के कवि, रचनाएँ व प्रवृत्तियों को समझना eB एवं प्रतियोगी परीक्षाओं की तैयारी हेतु सक्षम।</li> </ol>
<b>HISTORY</b>			
11.	MJHIS-101	History of Ancient India	<ol style="list-style-type: none"> <li>Trace the trajectory of human origin and the urbanization processes of the Vedic India</li> <li>Critically appraise the various aspects of Mauryan and Gupta polity, society, economy, religion and art and architecture.</li> <li>Construct a narrative of early Islamic rule as well as examine the salient features of the tripartite struggle and major South Indian dynasties.</li> </ol>
12.	MJHIS-201	Sultanate Period	<ol style="list-style-type: none"> <li>Critically appraise the contribution of the Turks, Persians and Afghans in the establishment of Sultanate rule in Medieval India.</li> <li>Infer and examine the political, socio-economic and cultural changes introduced by the Islamic polity 12<sup>th</sup> century onwards.</li> <li>Summarize and appreciate the role of regional powers in enriching the polity, society, culture and economy of 14<sup>th</sup>-15<sup>th</sup> Century India.</li> </ol>
<b>HOME SCIENCE</b>			
13.	MJHSC-101	Fundamentals of Food Science and Nutrition	<ol style="list-style-type: none"> <li>Develop the understanding of terms food, nutrition, methods of cooking, food preservation and adulteration of foods.</li> <li>Analyze the composition, classification, functions and nutritional composition of Macro and Micro nutrients</li> <li>Gain Scientific knowledge regarding Food Science of various Food Products.</li> </ol>
14.	MJHSC-102	Practical: Basic Food Preparation	<ol style="list-style-type: none"> <li>Develop an understanding of the Basic cooking terms, Weights and measures, equipments, Rules and regulation of Working in the Laboratory.</li> <li>Develop knowledge of the basic recipes prepared from cereal, pulses and vegetables.</li> <li>Prepare various recipes prepared from different methods of cooking</li> </ol>
15.	MJHSC-201	Introduction to Fashion Designing and Garment Production	<ol style="list-style-type: none"> <li>Develop an understanding to Identify various Textiles fibers, yarns and their manufacturing process.</li> </ol>



			<ol style="list-style-type: none"> <li>2. Apply the knowledge of various Weaving, finishing, Dyeing and Printing techniques .</li> <li>3. Explain the concept of Fashion Designing and garment production.</li> </ol>
16.	MJHSC-202	Practical: Fashion Designing and Clothing Construction	<ol style="list-style-type: none"> <li>1. Develop skills in apparel designing.</li> <li>2. Enhance professional skills in fashion designing.</li> <li>3. Create the basic knowledge of traditional embroideries of India.</li> </ol>
<b>PHYSICAL EDUCATION</b>			
17.	MNPED-101	Foundation and History of Physical Education	<ol style="list-style-type: none"> <li>1. Identify the concept of Physical Education and sports science.</li> <li>2. Analyze the historical development and evaluate the current landscape of physical education and sports in India.</li> <li>3. Compare and analyze major international sports events and describe the roles of their organizing committees.</li> </ol>
18.	MNPED-102	Practical	<ol style="list-style-type: none"> <li>1. Demonstrate the basic skills and techniques of the racket sports listed in the syllabus</li> <li>2. Administer and evaluate the Canadian Physical Fitness Test (Modified) to assess physical fitness levels.</li> <li>3. Perform and evaluate throwing events in Track and Field as specified in the syllabus.</li> </ol>
19.	MNPED-201	Test, Measurement and Evaluation in Physical Education	<ol style="list-style-type: none"> <li>1. Identify the purpose of test, measurement and evaluation in physical education..</li> <li>2. Classify the key criteria for selecting and administering tests.</li> <li>3. Administer and interpret various physical, motor, and skill fitness tests.</li> </ol>
20.	MNPED-202	Practical	<ol style="list-style-type: none"> <li>1. Demonstrate the techniques and principles of circuit training for improving physical fitness.</li> <li>2. Administer and interpret sports skill tests for Basketball, Volleyball, Field Hockey, and Badminton</li> <li>3. Understand and demonstrate the basic skills and techniques in combat sports.</li> </ol>
<b>POLITICAL SCIENCE</b>			
21.	MJPOL-101	Political Theory	<ol style="list-style-type: none"> <li>1. Discover various dimensions of Political theory &amp; identify different forms of Government and distinguish between them.</li> <li>2. Prioritize students' socialization, participation and decision-making skills through conceptual awareness of Politico-Ethical principles.</li> <li>3. Analyze and compare various theories of State which will give students a cutting edge in competitive exams</li> </ol>
22.	MJPOL-201	Indian Political Thought	<ol style="list-style-type: none"> <li>1. Examine the political and social ideas of Manu and Kautilya, Raja Ram Mohan Roy and Dayanand Saraswati</li> <li>2. Assess the social and political views of G. K. Gokhale and Tilak</li> <li>3. This paper instills democratic awareness and social responsibility as well as opens avenues for a career in teaching and social work.</li> </ol>

**PSYCHOLOGY**

23.	MJPSY-101	Basic Psychological Processes-I	<ol style="list-style-type: none"> <li>1. Examine the major perspectives of Psychology.</li> <li>2. Justify theories of Motivation and Emotion.</li> <li>3. Assess the concepts of Sensory and Perceptual processes of human beings.</li> </ol>
24.	MJPSY-102	Practical – Basic Psychological Tests and Experiments- I	<ol style="list-style-type: none"> <li>1. Understand the aspects related to the administration of Psychological Tests and conduction of Psychological Experiments.</li> <li>2. Examine the importance of Standardization of Psychological Tests and Experiments</li> <li>3. Explain and analyze the results derived from Psychological Tests and Experiments.</li> </ol>
25.	MJPSY-201	Basic Psychological Processes-II	<ol style="list-style-type: none"> <li>1. Illustrate the effect of Neural mechanisms on human behaviour.</li> <li>2. Explain Psychological bases of Learning, Memory and Forgetting.</li> <li>3. Evaluate aspects of Personality and Intelligence.</li> </ol>
26.	MJPSY-202	Practical – Basic Psychological Tests and Experiments- II	<ol style="list-style-type: none"> <li>1. Understand the aspects related to the administration of psychological tests and conduction of psychological experiments.</li> <li>2. Examine the importance of standardization of Psychological Tests and Experiments</li> <li>3. Explain and analyze the results derived from Psychological tests and experiments.</li> </ol>

**SOCIOLOGY**

27.	MJSOC-101	Introductory Sociology	<ol style="list-style-type: none"> <li>1. Identify and understand the meaning, nature, scope and trace history of Sociology</li> <li>2. Examine the process of Socialization and comprehend basic concepts like culture, status, role etc.</li> <li>3. Relate the structure and stratification system of society and explain social change and social control</li> </ol>
28.	MJSOC-201	Fundamentals of Social Research	<ol style="list-style-type: none"> <li>1. Develop the habit of scrutinizing social assumptions and beliefs in the light of scientific evidence, differentiate between value neutrality and subjectivity</li> <li>2. Understand nature of social problem, explain as well as construct hypothesis, discuss and infer to the scientific methods involved in social research</li> <li>3. Organize and plan diagrammatic and graphical representation of data and make use of statistics</li> </ol>

**VOCATIONAL COMPUTER APPLICATION**

29.	MNVCA-101	Computer Fundamentals & PC Software	<ol style="list-style-type: none"> <li>1. Describe computer systems, their types and the uses of various input devices</li> </ol>
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			<ol style="list-style-type: none"> <li>2. Categorize different output devices on the basis of operation and study different tools of Microsoft Word by hands on practice</li> <li>3. Develop charts and validation on the data Apply various functions on the excel sheet and Design effective presentation by implementing different formatting styles.</li> </ol>
30.	MNVCA-102	Practical: PC Software	<ol style="list-style-type: none"> <li>1. Apply various MS Word Tools</li> <li>2. Designing effective presentation on MS PowerPoint and apply various animation on it</li> <li>3. Apply function on MS Excel and work with various types of charts</li> </ol>
31.	MNVCA-201	Fundamental of 'C' Programming	<ol style="list-style-type: none"> <li>1. Understand the fundamental concepts of the C programming language, proficient in using input/output instructions, operators and looping</li> <li>2. Demonstrate proficiency in working with arrays in C and understanding of function mechanisms</li> <li>3. Gain proficiency in working with pointers and arrays, structures and union.</li> </ol>
32.	MNVCA-202	Practical: Fundamental of 'C' Programming	<ol style="list-style-type: none"> <li>1. Implement basic concepts of programming language</li> <li>2. Implement different operations on array</li> <li>3. Design, implement, test and debug programs that use different data types, such as simple variables, arrays, and structures.</li> </ol>

### BBA Program

S. No.	Course Code	Course Title	Course Outcome
<b>B.B.A.</b>			
1.	MJBBA 101	Basics of Accounting	<ol style="list-style-type: none"> <li>1. Understand and apply the basic concepts of accounting.</li> <li>2. Identify different types of errors in accounting and prepare the final accounts of a business.</li> <li>3. Demonstrate proficiency in computerised financial accounting.</li> </ol>
2.	MJBBA 102	Principles of Business Management	<ol style="list-style-type: none"> <li>1. Interpret the concept of management, decision-making &amp; MBO.</li> <li>2. Analyse organisation structure, authority &amp; responsibility relationships.</li> <li>3. Collaborate the various concepts of Office Management with Management.</li> </ol>
3.	MJBBA 103	Business Ethics and Sustainability	<ol style="list-style-type: none"> <li>1. Explore the relationship between ethics and business and the relationship between ethics, morals and values in the workplace.</li> <li>2. Analyze and understand various ethical principles to explain how they contribute to current management practices.</li> <li>3. Evaluate the significance of corporate governance in India</li> </ol>
4.	MJBBA 201	Organization Behaviour	<ol style="list-style-type: none"> <li>1. Interpret the concepts of Personality, Perception and Attitude.</li> </ol>

			<ol style="list-style-type: none"> <li>2. Appraise group behaviour, group decision making, leadership theories.</li> <li>3. Assess the concepts of conflict management and motivation.</li> </ol>
5.	MJBBA 202	Business Statistics	<ol style="list-style-type: none"> <li>1. Develop the skill to collect, present, classify data and analyse it using measures of central tendency and dispersion</li> <li>2. Interpret the degrees of correlation &amp; construct the regression lines</li> <li>3. Illustrate the concept and computation of index numbers, time series and probability.</li> </ol>
6.	MJBBA 203	Fundamentals of Entrepreneurship	<ol style="list-style-type: none"> <li>1. Understand the concept of entrepreneurship</li> <li>2. Identify the opportunities for business and develop a business plan.</li> <li>3. Analyse financing and managing the new ventures and evaluate the benefit of women entrepreneurship.</li> </ol>

### B.Com Program

S. No.	Course Code	Course Title	Course Outcome
<b>B.Com.(ABST)</b>			
1.	MJCOM-101	Financial Accounting	<ol style="list-style-type: none"> <li>1. Apply accounting standards and insolvency procedures to analyze and interpret financial information and make informed decisions.</li> <li>2. Allocate costs and revenues accurately to different departments and branches, and analyze the performance of each segment.</li> <li>3. Account for hire purchase transactions and calculate insurance claims for loss of stock and profit, considering various factors and clauses.</li> </ol>
2.	MJCOM-201	Cost Accounting	<ol style="list-style-type: none"> <li>1. Understand the fundamentals of cost accounting, including cost concepts, classification, and the techniques used to control and analyze costs.</li> <li>2. Allocate and apportion overheads to cost units and determine product costs using various costing methods, including job, batch, process, and operating costing.</li> <li>3. Apply specific costing techniques to different production scenarios, including job, batch, contract, and process costing, to determine product costs and assess profitability.</li> </ol>
<b>B.Com.(BADM)</b>			
3.	MJCOM-102-	Principles of Management	<ol style="list-style-type: none"> <li>1. Interpret the concept of management, planning &amp; decision-making.</li> <li>2. Assess motivation and leadership techniques.</li> </ol>

			3. Simulate various management skills
4.	MJCOM-202-	Business Law	<ol style="list-style-type: none"> <li>1. Interpret the legislative framework relating to Contracts as per Indian Contract Act, 1872.</li> <li>2. Interpret the legislative framework relating to sale of goods as per Sale of Goods Act, 1930.</li> <li>3. Interpret the legislative framework relating to consumer protection as per Consumer Protection Act, 2019 and partnership as per Partnership Act, 1932 &amp; LLP Act, 2008.</li> </ol>
<b>B.Com.(EAFM)</b>			
5.	MJCOM-103	Business Economics	<ol style="list-style-type: none"> <li>1. Understand and identify the economic variables in general business atmosphere.</li> <li>2. Perceive the knowledge about economics at Micro level and various economic concepts such as marginal Concepts, demand Function and law of variable proportion</li> <li>3. Understand the different theories of factor pricing and also about different market structure and various pricing techniques</li> </ol>
6.	MJCOM-203	Economic Environment in India	<ol style="list-style-type: none"> <li>1. Assess the achievements of economic planning in India.</li> <li>2. Analyze the effects of population explosion, unemployment &amp; poverty on economic development and evaluate the role of small scale &amp; cottage industries in developing Indian economy</li> <li>3. Summarize all the factors of Foreign Trade in India</li> </ol>

### B.C.A.Program

S. No.	Course Code	Course Title	Course Outcome
<b>B.C.A.</b>			
1.	MJBCA – 101	Computer Fundamentals and PC Software	<ol style="list-style-type: none"> <li>1. Describe computer systems, their types and the uses of various input devices</li> <li>2. Categorize different output devices on the basis of operation and study different tools of Microsoft Word by hands on practice</li> <li>3. Develop charts and validation on the data Apply various functions on the excel sheet and Design effective presentation by implementing different formatting styles.</li> </ol>
2.	MJBCA – 102	'C' Programming	<ol style="list-style-type: none"> <li>1. Understand the fundamental concepts of the C programming language, proficient in using input/output instructions, operators and looping</li> <li>2. Demonstrate proficiency in working with arrays in C and understanding of function mechanisms</li> <li>3. Gain proficiency in working with pointers and arrays, structures and union.</li> </ol>

4.	MJBCA – 103:	Multimedia	<ol style="list-style-type: none"> <li>1. Identify terminology associated with the concepts, techniques, and processes used throughout the multimedia environment.</li> <li>2. Compare different image types and compression</li> <li>3. Study laws of multimedia and design environment and design basic animations and gif images using flash</li> </ol>
5.	MJBCA-104	Practical: PC Software	<ol style="list-style-type: none"> <li>1. Apply various MS Word Tools</li> <li>2. Designing effective presentation on MS PowerPoint and apply various animation on it</li> <li>3. Apply function on MS Excel and work with various types of charts</li> </ol>
6.	MJBCA-105	Practical: 'C' Programming	<ol style="list-style-type: none"> <li>1. Demonstrate their ability to manipulate data structures</li> <li>2. Implement sorting and searching algorithms</li> <li>3. Develop efficient C programs using structures, unions, and string handling functions.</li> </ol>
7.	MJBCA-106	Practical: Multimedia (Flash)	<ol style="list-style-type: none"> <li>1. Understand basic tools of flash</li> <li>2. Design basic animations and gif images using flash</li> <li>3. Apply various tweens in flash and add sound in it.</li> </ol>
8.	MJBCA – 201 :	Data Structure & Algorithm	<ol style="list-style-type: none"> <li>1. Understand the basic principles of data structures and the operations performed on arrays.</li> <li>2. Apply suitable searching and sorting algorithms to manipulate and organize given data structures.</li> <li>3. Design and implement stack and queue data structures for efficient data management.</li> </ol>
9.	MJBCA– 202 :	E-Commerce	<ol style="list-style-type: none"> <li>1. Define E-commerce and its impact in different areas. Understand different Business Models</li> <li>2. Handle electronic transactions in secure way</li> <li>3. Applying various tags to create HTML web pages, including formatting text, adding images, creating links, constructing tables and various style sheets.</li> </ol>
10.	MJBCA– 203 :	Discrete Mathematics	<ol style="list-style-type: none"> <li>1. Apply set operations to solve applied problems</li> <li>2. Examine the validity of argument by using Propositional Calculus</li> <li>3. Understand different graphs and matrix operations</li> </ol>
11.	MJBCA– 204	Practical: Data Structure through 'C'	<ol style="list-style-type: none"> <li>1. Demonstrate the fundamental concepts of data structures and perform array operations in practical scenarios.</li> <li>2. Implement appropriate searching and sorting techniques on given data structures during practical exercises.</li> <li>3. Develop and execute practical implementations of stack and queue data structures.</li> </ol>
12.	MJBCA– 205	Practical: HTML	<ol style="list-style-type: none"> <li>1. Identify its basic structure, and recognize common HTML tags and their functions.</li> <li>2. Create basic HTML web pages, including formatting text, adding images, creating links, and constructing tables.</li> <li>3. Applying style sheet on web pages</li> </ol>
13.	MJBCA– 206	Practical: Discrete Mathematics	<ol style="list-style-type: none"> <li>1. Apply set operations to solve applied problems</li> <li>2. Implementing concept of graph theory and propositional calculus</li> <li>3. Understand different matrix operations</li> </ol>

**B.Sc.Program**

S. No.	Course Code	Course Title	Course Outcome
<b>BOTANY</b>			
1.	MJBOT-101	Phycology and Mycology	<ol style="list-style-type: none"> <li>1. Understand and compare thallus organization, pigments, reserve food, life cycle, economic importance etc. in different classes of algae.</li> <li>2. Illustrate structural and developmental details of different algal genera.</li> <li>3. Develop conceptual skill about identifying algae, fungi &amp; lichens.</li> </ol>
2.	MJBOT-102	Practical	<ol style="list-style-type: none"> <li>1. Perform staining, mounting and section cutting of various genera of algae and fungi.</li> <li>2. Illustrate structural details of different algal and fungal genera.</li> <li>3. Develop conceptual skill about identifying algae, fungi &amp; lichens.</li> </ol>
3.	MJBOT-201	Microbiology and Plant Pathology	<ol style="list-style-type: none"> <li>1. Relate the structure and nature of micro-organisms.</li> <li>2. Understand the etiology and epidemiology of plant diseases.</li> <li>3. Predict the control measures to minimize the adverse effect of pathogens on commercial crops.</li> </ol>
4.	MJBOT-202	Practical	<ol style="list-style-type: none"> <li>1. Identify disease symptoms in plants infected by bacteria, virus and fungi.</li> <li>2. Carry out section cutting, staining and mounting of diseased plant material.</li> <li>3. Perform Gram's staining and identify the type of bacteria.</li> </ol>
<b>CHEMISTRY</b>			
5.	MJCHE – 101	Fundamentals of Inorganic Chemistry	<ol style="list-style-type: none"> <li>1. Identify basic concepts related to atomic structure.</li> <li>2. Interpret geometries of molecules based on VBT and MOT.</li> <li>3. Demonstrate concepts and properties of ionic solids.</li> </ol>
6.	MJCHE – 102	Practical	<ol style="list-style-type: none"> <li>1. Estimate the real weights and volumes of Apparatus.</li> <li>2. Prepare solutions of various concentrations.</li> <li>3. Analyze the concentrations quantitatively through volumetric titration.</li> </ol>
7.	MJCHE – 201	Fundamentals of Organic Chemistry	<ol style="list-style-type: none"> <li>1. Identify the structure and bonding in common organic molecules and mechanism of organic reactions.</li> <li>2. Comprehend aromaticity of arenes and mechanism of electrophilic substitution reactions.</li> <li>3. Assess the stereochemistry of organic compounds.</li> </ol>
8.	MJCHE– 202	Practical	<ol style="list-style-type: none"> <li>1. Demonstrate basic laboratory techniques.</li> <li>2. Compute melting and boiling points of various organic compounds.</li> <li>3. Analyze the elements and functional groups in simple organic compounds.</li> </ol>

**MATHS**

9.	MJMAT – 101	Differential Calculus and Matrices	<ol style="list-style-type: none"> <li>1. Find pedal equation and asymptote of different curves.</li> <li>2. Solve problem related to radius of curvature and Partial differentiation.</li> <li>3. Apply the concepts of matrices to solve the real life problems.</li> </ol>
10.	MJMAT– 201	Vector Calculus and Geometry	<ol style="list-style-type: none"> <li>1. Learn the concepts of vector differentiations and integrations.</li> <li>2. Explain different types of conics in Cartesian coordinates.</li> <li>3. Solve Problem related to 3-Dimensional figure like Sphere, Cone and Cylinder.</li> </ol>

**PHYSICS**

11.	MJPHY– 101	Mechanics	<ol style="list-style-type: none"> <li>1. Understand the Concept of Centre of mass and angular momentum.</li> <li>2. Study surface tension, viscosity and their applications.</li> <li>3. Explain elasticity, its types and cantilever its application in bending.</li> </ol>
12.	MJPHY – 102	Practical	<ol style="list-style-type: none"> <li>1. Understand scientific and practical knowledge of different oscillators (SHM).</li> <li>2. Evaluate and analyze characteristics of a semiconductor diode.</li> <li>3. Solve and draws conclusions from the qualitative and Quantative data and experimental evidence</li> </ol>
13.	MJPHY – 201	Electromagnetics	<ol style="list-style-type: none"> <li>1. Understand gradient, div &amp; curl and their applications.</li> <li>2. Classify Electrostatic properties of conductors and various boundary conditions.</li> <li>3. Explain Magnetic field and analysis of AC circuits.</li> </ol>
14.	MJPHY– 202	Practical	<ol style="list-style-type: none"> <li>1. Understand scientific and practical knowledge of conversion of Galvanometer to Ammeter or Voltmeter.</li> <li>2. Evaluate, analyze and effective strategies to solve LCR circuit.</li> <li>3. Students demonstrate proficiency in using digital tools and technology to solve basic logic gates.</li> </ol>

**ZOOLOGY**

15.	MJZOO- 101	Cell Biology	<ol style="list-style-type: none"> <li>1. Understand the structural and functional characteristics of the eukaryotic cell membrane, including specialized features and transport mechanisms.</li> <li>2. Analyze the structure, function, and biogenesis of organelles like mitochondria, endoplasmic reticulum, and chromosomes in cellular organization.</li> <li>3. Explain the structural variations of DNA and RNA, as well as the mechanisms and regulation of cell division and the cell cycle</li> </ol>
16.	MJZOO- 102	Practical	<ol style="list-style-type: none"> <li>1. Develop proficiency in the principles and usage of optical microscopes for cellular and organismal</li> </ol>



			<p>observations and preparing slides, and applying techniques for staining, dehydration, and mounting biological specimens.</p> <ol style="list-style-type: none"> <li>2. Demonstrate practical skills in cell biology techniques, including slide preparation, staining, and the study of cell division. Gain hands-on experience in studying cellular processes like mitosis, meiosis, and chromosome structure through squash preparations and live organism observation.</li> <li>3. Analyze and document microscopic structures of freshwater fauna and cellular components through project-based learning, enhancing skills in observation, identification, and scientific reporting.</li> </ol>
<b>17.</b>	MJZOO-201	Invertebrate: Classification, structure and Special Features	<ol style="list-style-type: none"> <li>1. Understand the basics of invertebrate classification and demonstrate its characters up to classes.</li> <li>2. A comprehensive understanding of the structural, functional, and adaptive features of key invertebrate groups.</li> <li>3. They will also be able to analyse the ecological, evolutionary, and economic significance of these organisms</li> </ol>
<b>18.</b>	MJZOO-202	Practical	<ol style="list-style-type: none"> <li>1. Master the identification and analysis of permanent preparations like gemmules, spicules, and various invertebrate specimens, enhancing skills in microscopic examination.</li> <li>2. Develop expertise in recognizing and understanding the anatomy and taxonomy of diverse invertebrate groups through practical observation. Project-based learning, enhancing skills in observation, identification, and scientific reporting the insects and their social organization</li> <li>3. Gain proficiency in studying the microscopic details of a few invertebrates and learn external anatomy and dissection techniques using models, charts, and digital resources</li> </ol>

## PROGRAM OUTCOMES (NON NEP)

### FACULTY OF ARTS

1	B.A.	<p><b>The Bachelor of Arts Program is designed to achieve the following outcomes-</b></p> <ol style="list-style-type: none"> <li><b>1. To provide opportunities for the holistic development of the students and to enable them to make an effective contribution to the community, society and nation.</b></li> <li><b>2. To strive for scholastic excellence, instill moral values, create responsible citizens and build global competencies.</b></li> <li><b>3. To create a conducive environment for experiential learning.</b></li> <li><b>4. To instill the core values of faith, integrity, accountability and creativity.</b></li> <li><b>5. To enable the students to contribute to building a more sustainable and equitable world.</b></li> <li><b>6. To enhance historical, political, environmental, spiritual, moral and ethical consciousness.</b></li> <li><b>7. To develop analytical and critical thinking skills in the field of research.</b></li> <li><b>8. To sensitize young minds through education towards social, cultural, psychological and economic well-being and to reach out to the underprivileged.</b></li> <li><b>9. To integrate and interlink knowledge, skills, values and attitudes to action.</b></li> <li><b>10. To provide a general understanding of the concepts and principles of selected areas of study thus enabling the students to decide upon specialized professional choices.</b></li> <li><b>11. To mould young girls into mature, responsible, just and empowered women.</b></li> </ol>
2	Economics Hons.	<p><b>Economics Hons. Program is designed to achieve the following outcomes-</b></p> <ol style="list-style-type: none"> <li>1. To understand the basic concepts of economics and analyze the overall economic behaviour of different economic entities.</li> <li>2. To enhance the ability to analyze economic behavior in practice.</li> <li>3. To sensitize themselves to various developmental, environmental and gender-based issues.</li> <li>4. To enhance problem-solving skills and develop the ability to formulate policies to deal with various economic issues.</li> <li>5. To enable and mould themselves to use their expertise for the competitive and recessive job market.</li> </ol>
3	English Hons.	<p><b>English Hons. Program is designed to achieve the following outcomes-</b></p> <ol style="list-style-type: none"> <li>1. To reflect critically upon the acts of reading and writing and on the history of textual production.</li> <li>2. To recognize and utilize the expressive resources of language.</li> <li>3. To utilize knowledge for further study in English Literature and the teaching of English at all levels.</li> <li>4. To develop a range of subject-specific skills in graduate employment, including high-order critical, analytic and research skills.</li> <li>5. To understand verbal creativity and aesthetic features of literary and critical texts.</li> </ol>

4.	M.A.English	<p><b>The Master of Arts Program in English Literature is designed to achieve the following outcomes-</b></p> <ol style="list-style-type: none"> <li>1. To analyze all forms of literature and to hone their critical thinking to interpret and evaluate literary texts and theories that aims at the development of independent enquiring minds and to encourage life time learning and appreciation of literature.</li> <li>2. To develop sophisticated writing and communication skills useful for understanding the literature of the yesteryears, the present and the years to come.</li> <li>3. To evolve a research aptitude by enriching literary experiences to enhance self-awareness and understanding of the world.</li> <li>4. To appreciate the ability to apply a variety of scholarly or theoretical approaches to the analysis of texts.</li> <li>5. To develop the ability to frame a complex research question which builds on and responds to the ongoing critical discourse.</li> </ol>
5.	M.A.Geography	<p><b>The Master of Arts Program in Geography is designed to achieve the following outcomes-</b></p> <ol style="list-style-type: none"> <li>1. To understand, interpret, explain and critically examine the spatial-temporal changes of social and environmental concern.</li> <li>2. To build capacity for both innovative and integrative thinking in a variety of professional and intellectual contexts.</li> <li>3. To inculcate an understanding and appreciation for the majors in Geography, Earth Sciences, Environmental Analysis and Planning, Urban and Regional Planning this aims towards narrowing the gap between theory and practice.</li> <li>4. To enhance and master a variety of skills in research, spatial analysis, application of field-based techniques and interpretations using technological and analytical laboratory practices.</li> <li>5. To develop ethical aptitudes and dispositions necessary to acquire and hold leadership positions in professional organization.</li> </ol>
6.	M.A.History	<p><b>The Master of Arts Program in History is designed to achieve the following outcomes-</b></p> <ol style="list-style-type: none"> <li>1. To provide secular interpretation of History at international, national and regional level using analytical as well as analogical reconstruction of the past.</li> <li>2. To promote interdisciplinary approach in History.</li> <li>3. To enhance self understanding and proper conception of time, space and society.</li> <li>4. To contribute as proactive citizens, to critically assess the values and achievements of their age and resolve the controversial contemporary issues.</li> <li>5. To acquire an aptitude for intensive and extensive research.</li> </ol>
7.	M.A. Political Science	<p><b>The Master of Arts Program in Political Science is designed to achieve the following outcomes-</b></p> <ol style="list-style-type: none"> <li>1. To understand, evaluate and interpret the social, political and economic ideas of Indian and Western Political Thinkers.</li> <li>2. To build consciousness regarding national political history, international relations and Indian Foreign Policy.</li> <li>3. To comprehend the basics of Public Administration and develop a knowledge of administrative studies with special reference to India.</li> <li>4. To develop Comparative political analysis, understand major political, social, economic issues confronting the World and evaluate the major political ideologies and their relevance in the Contemporary World.</li> </ol>

		5. To follow scientific methods to design and carry out politically – oriented research by using advanced social research methods.
8.	M.A. Sociology	<p><b>The Master of Arts Program in Sociology is designed to achieve the following outcomes-</b></p> <ol style="list-style-type: none"> <li>1. To understand the basic concepts of Sociology along with its position in social sciences.</li> <li>2. To comprehend socio-political-economic processes in India and their related problems and challenges.</li> <li>3. To be acquainted with the structural changes in Economy and Society and critically analyze various social systems with special reference to India.</li> <li>4. To develop analytical and cognitive thinking about classical, modern and Indian Sociological thinkers.</li> <li>5. To understand the scope, models and aspects of socio economic development.</li> </ol>
9.	M.A. Psychology	<p><b>The Master of Arts Program in Psychology is designed to achieve the following outcomes-</b></p> <ol style="list-style-type: none"> <li>1. Understand and extend the knowledge base of Psychology to the world of practice with a view to promote healthy interface between academia and society.</li> <li>2. Formulate formal student-led research project and dissertation work by constructing research culture and investigative aptitude.</li> <li>3. Develop psychological knowledge, skills and competencies to avail a plethora of opportunities in the field of mental health professionals, counselors, human resource management, civil services, defence, community awareness centres, teaching, research, consultancy, etc.</li> </ol>

## DEPARTMENT OF ECONOMICS

### Program Specific Outcomes:

**On successful completion of B.A with Economics, the students will be able-**

1. To build a strong foundation in Economics by understanding the basic concepts, principles and theories in Economics.
2. To analyze the overall economic behavior of different economic entities.
3. To appraise various economic policies and theories and to create a capacity to develop solutions to various economic problems.
4. To evaluate the present economic scenario and to develop the ability to apply the principles of Economics in everyday life.
5. To equip themselves for employment and research in Economics.

S. No.	Course Code	Course Title	Course Outcome
<b>B.A.</b>			
1.	ECO - 301:	Macroeconomics - I	<ol style="list-style-type: none"> <li>4. Understand the concept of National Income</li> <li>5. Analyze the various monetary theories.</li> <li>6. Summarize the classical and Keynesian theory of output and employment.</li> <li>7. Build competency and academic excellence for competition exams and to develop employability related skills.</li> </ol>
2.	ECO - 302:	Indian Economy - I	<ol style="list-style-type: none"> <li>1. Examine the basic demographic features of the Indian Economy.</li> </ol>

			<ol style="list-style-type: none"> <li>2. Critically analyze the performance of Indian agriculture.</li> <li>3. Appraise the Indian industrial performance after independence.</li> <li>4. Build competency and academic excellence for competition exams and to develop employability related skills.</li> </ol>
3.	ECO - 401:	Macroeconomics - II	<ol style="list-style-type: none"> <li>1. Illustrate the theories of consumption and its applicability.</li> <li>2. Appraise the theories of trade cycle.</li> <li>3. Summarize the growth theories.</li> <li>4. Build competency and academic excellence for competition exams and to develop employability related skills.</li> </ol>
4.	ECO - 402:	Indian Economy - II	<ol style="list-style-type: none"> <li>1. Trace the planning objectives of the Govt. of India</li> <li>2. Evaluate the trends of the foreign sector.</li> <li>3. Hypothesize about the development of India keeping in mind the major concerns like poverty, unemployment and inflation.</li> <li>4. Build competency and academic excellence for competition exams and to develop employability related skills.</li> </ol>
5.	ECO - 501:	Public Finance	<ol style="list-style-type: none"> <li>1. Assess the fiscal framework for taxing and spending and will be able to research, and examine key issues and challenges in fiscal policy</li> <li>2. Investigate the scope and breadth of public Finance ,the core principles of Maximum Social Advantage ,the welfare distribution , how market failures arise, and the key tools used in the remedy of market failure,</li> <li>3. Review the sources of public Revenue and assess the possible burden and benefits taxes ,the general trend and impact on general welfare</li> </ol>
6.	ECO-502 (A):	International Economics	<ol style="list-style-type: none"> <li>1. Explain the importance of international economics through various theories.</li> <li>2. Evaluate terms of trade.</li> <li>3. Interpret the different concepts of Balance of Payments.</li> <li>4. Build competency and academic excellence for competition exams and to develop employability related skills.</li> </ol>
7.	ECO – 502 (B):	Mathematical Economics - I	<ol style="list-style-type: none"> <li>1. Operate optimization technique in order to achieve the objectives.</li> <li>2. Construct mathematically the consumer behavior.</li> <li>3. Construct mathematically the production function.</li> </ol>
8.	ECO - 601:	MONEY And BANKING	<ol style="list-style-type: none"> <li>1. Critically analyse the functions, and the role of money, money supply , High powered money and money multiplier</li> <li>2. Appraise the functioning of Central and Commercial Banks and their impact on financial systems and the overall economy.</li> </ol>

			3. Assess the components, structure, instruments and functions of Money market and capital market, role of financial intermediaries and the powers and functions of SEBI
9.	ECO – 602(A):	Rajasthan Economy	<ol style="list-style-type: none"> <li>1. Explain the position of Rajasthan in Indian Economy</li> <li>2. Analyze the major Land Utilization patterns of Rajasthan.</li> <li>3. Appraise the process of Industrial Development in Rajasthan.</li> </ol>
10.	ECO – 602(B):	Mathematical Economics – II	<ol style="list-style-type: none"> <li>1. Understand the concept of Game Theory.</li> <li>2. Mathematically validate equilibrium under different market structures.</li> <li>3. Designing the optimization behavior using input output analysis and LPP.</li> </ol>
<b>B.A. ECONOMICS HONOURS</b>			
11.	ECOH - 301:	Development Economics - I	<ol style="list-style-type: none"> <li>1. Illustrate the concept and difference between growth and development</li> <li>2. Estimate development gap using various methods.</li> <li>3. Summarize various growth models.</li> <li>4. Build competency and academic excellence for competition exams and to develop employability related skills.</li> </ol>
12.	ECOH - 302:	International Economics - I	<ol style="list-style-type: none"> <li>1. Explain the importance of international economics through various theories.</li> <li>2. Analyze the importance of factor mobility in International Trade.</li> <li>3. Evaluate terms of trade.</li> <li>4. Build competency and academic excellence for competition exams and to develop employability related skills.</li> </ol>
13.	ECOH - 303:	Public Finance - I	<ol style="list-style-type: none"> <li>1. Analyze the scope of public finance</li> <li>2. Investigate the major trends in the tax revenue and review the effects of taxation on the economy.</li> <li>3. Assessing the trend and effect of public expenditure and design policy measures for public spending, taxation and income redistribution.</li> </ol>
14.	ECOH - 304:	Macroeconomics – I	<ol style="list-style-type: none"> <li>1. Understand the concept of National Income</li> <li>2. Analyze the various monetary theories.</li> <li>3. Summarize the classical and Keynesian theory of output and employment.</li> <li>4. Build competency and academic excellence for competition exams and to develop employability related skills.</li> </ol>
15.	ECOH - 401:	Development Economics - II	<ol style="list-style-type: none"> <li>1. Explain the concept of dualism through various growth theories.</li> <li>2. Articulate the concept of innovation and trade to develop growth theories.</li> <li>3. Evaluate the efficiency of investment plans.</li> </ol>

			4. Build competency and academic excellence for competition exams and to develop employability related skills.
16.	ECOH - 402:	International Economics - II	<ol style="list-style-type: none"> <li>1. Illustrate the concept of Tariff and Quotas</li> <li>2. Explain the concept of Balance of Payment.</li> <li>3. Assess the idea of economic integration by studying different International Organization</li> <li>4. Build competency and academic excellence for competition exams and to develop employability related skills</li> </ol>
17.	ECOH - 403:	Public Finance - II	<ol style="list-style-type: none"> <li>1. Describe the various concepts of budget.</li> <li>2. Illustrate the role of functional finance, key issues and challenges in Fiscal Policy.</li> <li>3. Evaluate the fiscal federalism and federal finance in India.</li> </ol>
18.	ECOH - 404:	Macroeconomics - II	<ol style="list-style-type: none"> <li>1. Illustrate the theories of consumption</li> <li>2. Explain the concept of multiplier and accelerator</li> <li>3. Appraise the theories of trade cycle.</li> <li>4. Build competency and academic excellence for competition exams and to develop employability related skills.</li> </ol>
19.	ECOH – 501:	Applied Statistics	<ol style="list-style-type: none"> <li>1. Speculate the trends using laws of probability.</li> <li>2. Design the sample survey.</li> <li>3. Formulate &amp; validate the hypothesis.</li> </ol>
20.	ECOH - 502:	Mathematical Economics - I	<ol style="list-style-type: none"> <li>1. Operate optimization technique in order to achieve the objectives.</li> <li>2. Construct mathematically the consumer behavior.</li> <li>3. Construct mathematically the production function.</li> <li>4. Build competency and academic excellence for competition exams and to develop employability related skills.</li> </ol>
21.	ECOH – 503 (A):	Introduction to Econometrics	<ol style="list-style-type: none"> <li>1. Understand the basic concepts of econometrics.</li> <li>2. Construct the Linear Regression Model using OLS method.</li> <li>3. Validate the Linear Regression Model.</li> </ol>
22.	ECOH – 503 (B):	Research Methodology	<ol style="list-style-type: none"> <li>1. Enumerate the meaning, types, significance and criteria of a good research</li> <li>2. Deduce research design, explain sampling process and classify methods of data collection</li> <li>3. Analyze the methods of data analysis and assess techniques of report writing</li> <li>4. Build competency and academic excellence for competition exams and to develop employability related skills.</li> </ol>
23.	ECOH - 504:	Data Analysis through- SPSS & EViews	<ol style="list-style-type: none"> <li>1. Tabulate data using SPSS.</li> <li>2. Analyze cross-sectional data using SPSS.</li> <li>3. Analyze time-series data using EViews.</li> <li>4. Build competency &amp; academic excellence for the competitive exams &amp; to develop research skills.</li> </ol>
24.	ECOH - 601:	Financial Markets and Institutions	<ol style="list-style-type: none"> <li>1. Understand the concept of Indian Banking System.</li> <li>2. Apply the concept of Money Market in recent Indian Development.</li> </ol>

			3. Analyze the role and significance of Capital Market.
25.	ECOH – 602 :	Mathematical Economics - II	<ol style="list-style-type: none"> <li>1. Understand the concept of Game Theory.</li> <li>2. Mathematically validate equilibrium under different market structures.</li> <li>3. Designing the optimization behavior using input output analysis and LPP.</li> <li>4. Build competency and academic excellence for competition exams and to develop employability related skills.</li> </ol>
26.	ECOH – 603 (A):	Demography	<ol style="list-style-type: none"> <li>1. Appraise the importance of population and its related theories in economic development.</li> <li>2. Illustrate the quantitative and the qualitative aspects and characteristics of the population through various demographic</li> <li>3. Express views on the concept of Fertility and mortality.</li> </ol>
27.	ECOH – 603 (B):	Economics Of Gender and Development	<ol style="list-style-type: none"> <li>1. Appraise the female demographic Indices.</li> <li>2. Analyze the Gender Equality aspect.</li> <li>3. Express views on economic growth and its relation with gender equality.</li> </ol>
28.	ECOH - 604:	Field Survey/Project Work	<ol style="list-style-type: none"> <li>1. Design project and formulate policies.</li> <li>2. Write reports</li> <li>3. Conduct primary and secondary surveys.</li> </ol>

## DEPARTMENT OF ENGLISH

### Program Specific Outcomes:

**On successful completion of B.A with English Literature, the students will be able-**

1. To identify the salient features of literary texts and other seminal texts from different literary periods.
2. To use literature to expand and enhance knowledge in all curricular areas.
3. To understand the complex dynamics of human relationships.
4. To develop the ability to analyze a piece of literature within its cultural contexts.
5. To enhance their critical thinking skills.

S. No.	Course Code	Course Title	Course Outcome
<b>B.A.</b>			
1.	ENG – 301	Poetry : Pre Romantics to Romantics	<ol style="list-style-type: none"> <li>1. Compare the two ages of English Literature, Pre-Romantic and Romantic</li> <li>2. Identify the basic characteristics of renowned poetry of the two periods.</li> <li>3. Explain the important literary tools (terms) employed by the poets.</li> </ol>
2.	ENG – 302	Prose and Fiction- III	<ol style="list-style-type: none"> <li>1. Discuss the salient features of prose writers of early and late 19th century</li> <li>2. Interpret the short stories of the same era.</li> <li>3. Develop the character sketches of characters of the novel by Jane Austen.</li> <li>4. Illustrate the social milieu of the era through the discussion of the novel.</li> </ol>
3.	ENG – 401	Poetry and Drama – III	<ol style="list-style-type: none"> <li>1. Have knowledge regarding the features of Romantic age.</li> </ol>



			<ol style="list-style-type: none"> <li>2. Distinguish the styles and themes of renowned poets of the age.</li> <li>3. Evaluate Shakespearean Tragedy(Othello).</li> </ol>
4.	ENG – 402	Prose and Fiction- IV	<ol style="list-style-type: none"> <li>1. Analyze the prose writings (essays) of late 19th and early 20th c.</li> <li>2. Have knowledge regarding the Indian literary works through short stories and novel of early 20th C.</li> <li>3. Examine the socio- political condition of pre-independent India.</li> </ol>
5.	ENG – 501 (A) :	Poetry and Drama – IV	<ol style="list-style-type: none"> <li>1. Distinguish among the various literary ages and the social, political, economic conditions shaping the literature of these ages</li> <li>2. Evaluate and critique the works of different writers of the Victorian age.</li> <li>3. Estimate and justify the changing literary trends and modes of writing.</li> </ol>
6.	ENG – 501 (B)	Indian Poetry and Drama - I	<ol style="list-style-type: none"> <li>1. Analyse the major writers in Indian English Writing.</li> <li>2. Examine the socio-political-cultural forces that shaped Indian writing in English.</li> <li>3. Assess the genre of Indian drama.</li> </ol>
7.	ENG – 502	Prose and Fiction – V	<ol style="list-style-type: none"> <li>1. Discover and compare the prose writings of various writers of Victorian and the Modern age.</li> <li>2. Develop their critical thinking and themselves express through critical writing, in the process judge a work of art.</li> <li>3. Interpret and appraise various themes, thoughts, purpose and intention of these writings.</li> </ol>
8.	ENG – 601 (A)	Poetry and Drama- V	<ol style="list-style-type: none"> <li>1. Distinguish among the various literary ages and the social, political, economic conditions shaping the literature of these ages.</li> <li>2. Evaluate and critique the works of different writers of the Victorian age.</li> <li>3. Estimate and justify the changing literary trends and modes of writing.</li> </ol>
9.	ENG – 601 (B)	Indian Poetryand Drama - II	<ol style="list-style-type: none"> <li>1. Explain the major changes in Indian English Writing.</li> <li>2. Analyse Indian English Poetry.</li> <li>3. Discuss the various themes of Indian drama.</li> </ol>
10	ENG – 602	Prose and Fiction – VI	<ol style="list-style-type: none"> <li>1. Chart the history of English Literature.</li> <li>2. Discover and compare the prose writings of various writers of Victorian and the Modern age.</li> <li>3. Develop their critical thinking and themselves express through critical writing, in the process judge a work of art.</li> <li>4. Interpret and appraise various themes, thoughts, purpose and intention of these writings.</li> </ol>

**B.A.ENGLISH HONOURS**

11	ENGH - 301	Elizabethan and Jacobean Age – I	<ol style="list-style-type: none"> <li>1. Develop an understanding of Elizabethan and Jacobean context</li> <li>2. Become familiar with the forms of tragedy</li> <li>3. Evaluate the different metaphysical poets and their characteristics.</li> </ol>
12	ENGH - 302	American Literature – I	<ol style="list-style-type: none"> <li>1. Examine the Social, Economic, Political and Literary Conditions which helped the development of American Literature</li> <li>2. Infer the various genres of American Literature</li> <li>3. Compare and contrast between various voices of American Literature prescribed in the syllabus</li> </ol>
13	ENGH - 303	Indian Literature in English – I	<ol style="list-style-type: none"> <li>1. Identify the stalwarts of Indian Writing</li> <li>2. Examine the linguistic vitality of Indian Literature in English</li> <li>3. Have knowledge regarding the variety of issues the text presents</li> </ol>
14	ENGH - 304	The Study of Greek Drama – I	<ol style="list-style-type: none"> <li>1. Recognize the elements of Greek Drama and Theatre</li> <li>2. Interpret the various elements of Greek drama</li> <li>3. Appraise and evaluate the various writers prescribed in the syllabus</li> </ol>
15	ENGH - 401	Elizabethan and Jacobean Age – II	<ol style="list-style-type: none"> <li>1. Evaluate the different metaphysical poets and their characteristics.</li> <li>2. Develop an understanding with the social, economic and</li> <li>3. Distinguish between the writing styles of different metaphysical poets with reference to the poems prescribed.</li> </ol>
16	ENGH - 402	American Literature – II	<ol style="list-style-type: none"> <li>1. Examine the issues related to Race, Class and Gender in context of American Literature</li> <li>2. Have knowledge regarding the various characteristics of American Poetry</li> <li>3. Compare and contrast between various voices of American Literature prescribed in the syllabus</li> </ol>
17	ENGH - 403	Indian Literature in English – II	<ol style="list-style-type: none"> <li>1. Identify the features of Indian Literature in English</li> <li>2. Examine the major issues pertinent to the text</li> <li>3. Have knowledge regarding the rich heritage of Indian Literature in English</li> </ol>
18	ENGH - 404	The Study of Greek Drama – II	<ol style="list-style-type: none"> <li>1. Discover the wide range of theatre</li> <li>2. Interpret the various elements of Greek Drama</li> <li>3. Appraise and evaluate the various writers prescribed in the syllabus</li> </ol>
19	ENGH – 501 :	17th and 18th Century English Literature – I	<ol style="list-style-type: none"> <li>1. Describe and compare the social, political economic, religious and literary conditions of the 17<sup>th</sup> and 18<sup>th</sup> century.</li> <li>2. Associate with the major writers of the ages and their works.</li> </ol>

			3. Appraise the origin and development of Novel
20	ENGH - 502	20th Century English Prose and Friction– I	<ol style="list-style-type: none"> <li>1. Describe the social, political economic, religious and literary conditions of the 20th century.</li> <li>2. Associate with the major prose writers of the age and their works.</li> <li>3. Define the literary terms with reference to the prescribed texts.</li> </ol>
21	ENGH - 503	20th Century English Poetry and Drama– I	<ol style="list-style-type: none"> <li>1. Explain the social, political economic, religious and literary conditions of the 20th century.</li> <li>2. Associate with the major poets and dramatists of the age and their works.</li> <li>3. Define the literary terms with reference to the prescribed texts.</li> </ol>
22	ENGH - 504(A)	English Literary and Social History– I	<ol style="list-style-type: none"> <li>1. Explain the relevant conditions during various literary ages.</li> <li>2. Identify the major literary trends of the ages prescribed in the syllabus.</li> <li>3. Evaluate the issue of race, gender, class and linguistics.</li> </ol>
23	ENGH - 504 (B) -	Indian Diaspora- I	<ol style="list-style-type: none"> <li>1. Explain the concept of Diaspora.</li> <li>2. Analyze the work of Indian Diaspora.</li> <li>3. Evaluate the novels of Indian Diaspora.</li> </ol>
24	ENGH – 601 :	17th and 18th Century English Literature – II	<ol style="list-style-type: none"> <li>1. Describe and compare the social, political economic, religious and literary conditions of the 17th and 18th century.</li> <li>2. Associate with the major writers of the ages and their works.</li> <li>3. Evaluate the term Essay and appraise the essays of Addison</li> </ol>
25	ENGH - 602 :	20th Century English Prose and Fiction – II	<ol style="list-style-type: none"> <li>1. Describe the social, political economic, religious and literary conditions of the 20th century.</li> <li>2. Associate with the major prose writers of the age and their works.</li> <li>3. Define the literary terms with reference to the prescribed texts</li> </ol>
26	ENGH - 603 :	20th Century English Poetry and Drama– II	<ol style="list-style-type: none"> <li>1. Explain the social, political economic, religious and literary conditions of the 20th century.</li> <li>2. Associate with the major poets and dramatists of the age and their works.</li> <li>3. Define the literary terms with reference to the prescribed texts.</li> </ol>
27	ENGH - 604 : (A)	English Literary and Social History – II	<ol style="list-style-type: none"> <li>1. Explain the relevant conditions during various literary ages.</li> <li>2. Identify the major literary trends of the ages prescribed in the syllabus.</li> <li>3. Evaluate the issue of race, gender, class and linguistics.</li> </ol>

28	ENGH – 604 : (B)	Indian Diaspora II	<ol style="list-style-type: none"> <li>1. Analyse shared cultural heritage, interconnections, similarities and dissimilarities across Indian Diaspora.</li> <li>2. Assess the genre of short stories of Indian Diaspora.</li> <li>3. Perceive a composite cultural identity and modes of writing of Indian Diaspora.</li> </ol>
<b>M.A. English</b>			
29	ENGM-101	Modern English Usage and Communication Skills - I	<ol style="list-style-type: none"> <li>1. Associate with the fundamentals of English Language.</li> <li>2. Assess the latest trends in language and communication.</li> <li>3. Develop their reading and writing skills</li> <li>4. Have a cutting edge in life competitive and professional world.</li> </ol>
30	ENGM-102	Poetry- Chaucer to The Neo-Classical Age	<ol style="list-style-type: none"> <li>1. Associate with the social, political, economic, religious and literary conditions of the respective literary ages.</li> <li>2. Have knowledge regarding the respective literary ages and their works.</li> <li>3. Develop critical thinking while analyzing texts.</li> <li>4. Articulate their views on the issues of gender, race, nationality, culture and class.</li> </ol>
31	ENGM-103	Drama- Elizabethan to the Modern Age -I	<ol style="list-style-type: none"> <li>1. Associate with the social, political, economic, religious and literary conditions of the respective literary ages.</li> <li>2. Compare &amp; Contrast between the major dramatists of the various literary ages and their works.</li> <li>3. Develop critical thinking while analyzing texts.</li> <li>4. Articulate their views on the issues of gender, race, nationality, culture and class.</li> </ol>
32	ENGM-104	Prose-Bacon to Bronte	<ol style="list-style-type: none"> <li>1. Associate with the social, political, economic, religious and literary conditions of the respective literary ages.</li> <li>2. Compare &amp; Contrast between the major prose writers of the various literary ages and their works.</li> <li>3. Develop critical thinking while analyzing texts.</li> <li>4. Articulate their views on the issues of gender, race, nationality, culture and class.</li> </ol>
33	ENGM-201	Modern English Usage and Communication Skills - II	<ol style="list-style-type: none"> <li>1. Associate with the fundamentals of English Language.</li> <li>2. Assess the latest trends in language and communication.</li> <li>3. Develop their reading and writing skills</li> <li>4. Have a cutting edge in life competitive and professional world.</li> </ol>
34	ENGM-202	Poetry- Pre-Romantics to Romantics	<ol style="list-style-type: none"> <li>1. Associate with the social, political, economic, religious and literary conditions of the respective literary ages.</li> <li>2. Have knowledge regarding the respective literary ages and their works.</li> </ol>

			3. Develop critical thinking while analyzing texts and articulate their views on the issues of gender, race, nationality, culture and class
35	ENGM-203	Drama-Elizabethan to the Modern Time -II	<ol style="list-style-type: none"> <li>1. Associate with the social, political, economic, religious and literary conditions of the respective literary ages.</li> <li>2. Compare &amp; Contrast between the major dramatists of the various literary ages and their works.</li> <li>3. Develop critical thinking while analyzing texts and articulate their views on the issues of gender, race, nationality, culture and class.</li> <li>4. Articulate their views on the issues of gender, race, nationality, culture and class.</li> </ol>
36	ENGM-204	Prose- Swift to Eliot	<ol style="list-style-type: none"> <li>1. Associate with the social, political, economic, religious and literary conditions of the respective literary ages.</li> <li>2. Compare &amp; Contrast between the major prose writers of the various literary ages and their works.</li> <li>3. Develop critical thinking while analyzing texts and articulate their views on the issues of gender, race, nationality, culture and class.</li> </ol>
37	ENGM-301	Principles of Criticism- I	<ol style="list-style-type: none"> <li>1. Identify the basic principles of criticism</li> <li>2. Employ critical thinking and critical analysis while reading a text.</li> <li>3. Evaluate the different critical theories</li> </ol>
38	ENGM-302	Victorians to Early Moderns	<ol style="list-style-type: none"> <li>1. Analyze the social, political, economic, literary conditions of the respective literary ages</li> <li>2. Employ the impact of Victorianism on the development of literary form and literary modes of expression</li> <li>3. Critique the various writers prescribed in the syllabus</li> </ol>
39	ENGM-303	Twentieth Century Literature	<ol style="list-style-type: none"> <li>1. Analyze the detailed work of the major writers of the age</li> <li>2. Appraise the inter-relationship of form content and style in the 20th century</li> <li>3. Have knowledge regarding the variety of issues the text presents.</li> </ol>
40	ENGM-304	Post-Colonial Writing - I	<ol style="list-style-type: none"> <li>1. Infer the basic features and elements of Postcolonial writing</li> <li>2. Weigh and consider the different texts prescribed in the syllabus</li> <li>3. Create, develop ,design a deeper understanding of the concept</li> <li>4. Have a cutting edge in the competitive and professional world.</li> </ol>
41	ENGM-305(A)	Women's Writing	<ol style="list-style-type: none"> <li>1. Analyze the relevant gender equations and politics of gender through various works</li> <li>2. Distinguish between various writers</li> <li>3. Integrate the various issues of gender, race, nationality, culture, class while reading the texts</li> </ol>

42	ENGM-305(B)	Cultural Studies	<ol style="list-style-type: none"> <li>1. Explain the newly established field of cultural studies, its concerns and approaches.</li> <li>2. Determine interdisciplinary approach and analysis of cultural issues including literature and language.</li> <li>3. Analyse the social and political context in which culture does it manifests itself.</li> <li>4. Have a cutting edge in the competitive and professional world.</li> </ol>
43	ENGM-401	Principles of Criticism- II	<ol style="list-style-type: none"> <li>1. Infer the basic principles of criticism.</li> <li>2. Examine the literary text critically on the basis of the theories of the prominent critics.</li> <li>3. Compare and contrast between the long critical tradition of British and Indian literatures.</li> </ol>
44	ENGM-402	Modern and Post- Modern Literature	<ol style="list-style-type: none"> <li>1. Illustrate the social, political, economic, religious and literary conditions of the Modern and Post-Modern periods in literature.</li> <li>2. Compare and contrast between the major writers of these ages with a special reference to the works prescribed in the syllabus.</li> <li>3. Analyze a literary text critically.</li> </ol>
45	ENGM-403	Postcolonial writing - II	<ol style="list-style-type: none"> <li>1. Identify the core characteristics of the Post Colonial literature.</li> <li>2. Examine the issues of race, gender, class, nationality and linguistics in Post Colonial writings with a special reference to the prescribed writers.</li> <li>3. Evaluate the literary text critically.</li> <li>4. Have a cutting edge in the competitive and professional world.</li> </ol>
46	ENGM-404	Women writers	<ol style="list-style-type: none"> <li>1. Identify the female voice and its representation in different genres.</li> <li>2. Infer the prevalent gender equations and politics of gender in various literary works.</li> <li>3. Compare and contrast Indian, British and American women writers critically.</li> <li>4. Have a cutting edge in the competitive and professional world.</li> </ol>
47	ENGM-405(A)	Dissertation	<ol style="list-style-type: none"> <li>1. Infer the concept of research and the stages and procedures involved in it.</li> <li>2. Illustrate the significance of systematic planning, cohesion and coherence for the research activity.</li> <li>3. Prepare for undertaking research projects.</li> <li>4. Have a cutting edge in the competitive and professional world.</li> </ol>
48	ENGM-405(B)	Writer in Focus – William Shakespeare	<ol style="list-style-type: none"> <li>1. Assess the psychological, political and social makeup of Shakespearean characters.</li> <li>2. Compare the various genres of Shakespearean writing.</li> <li>3. Interpret Shakespeare through the ages.</li> </ol>

## DEPARTMENT OF GEOGRAPHY

### Program Specific Outcomes:

**On successful completion of B.A with Geography, the students will be able-**

1. To understand, interpret and examine the spatial-temporal changes in social and environmental scenarios both at local as well as regional spheres.
2. To address and resolve social, environmental and geographically oriented problems and contemporary issues by developing innovative and integrative thinking for professional and intellectual growth.
3. To build capacity and inculcate an understanding of core geographical concepts, theories and principles narrowing the gap between theory and practice.
4. To enhance and develop a variety of skills in research, spatial analysis, application of field-based techniques and interpretations using technological and analytical laboratory practices.
5. To inculcate a balanced sustainable living in theory as well as technical practices, extending a constant quality enrichment to meet students' specific, academic and professional goals.

S. No.	Course Code	Course Title	Course Outcome
<b>B.A./ENG. HONS/ECO. HONS.</b>			
1.	GEO-301	Economic Geography-I	<ol style="list-style-type: none"> <li>1. Analyze the impact of economic activities on environment.</li> <li>2. Classify the different types of resources and practice conservation with possible solutions.</li> <li>3. Critically evaluate the land use by location theory of Von Thunen and compare agricultural regions of the world.</li> <li>4. Build competency and academic excellence for competition exams.</li> <li>5. Hone &amp; develop employability related skills for holistic development.</li> </ol>
2.	GEO-302	Geography Of India-I	<ol style="list-style-type: none"> <li>1. Identify physiographic regions of India and schematize the river systems of India.</li> <li>2. Describe factors affecting Indian monsoon system.</li> <li>3. Classify the major metallic and non metallic minerals of India.</li> <li>4. Build competency and academic excellence for competition exams.</li> </ol>
3.	GEO-303	Practical: Interpretation Of Topographical Maps	<ol style="list-style-type: none"> <li>1. Develop understanding of the Topographical landscapes in consonance to Survey of India Toposheets and asses their regional differentiations.</li> <li>2. Hone &amp; develop employability related skills for holistic development.</li> </ol>
4.	GEO-401	Economic Geography-II	<ol style="list-style-type: none"> <li>1. Categorize ferrous and non ferrous minerals and identify their distribution on a world map.</li> <li>2. Relate factors affecting localization of industries and discuss the major industries of the world.</li> </ol>

			<ol style="list-style-type: none"> <li>3. Identify the influence of geographical factors in the development of trade and transport.</li> <li>4. Build competency and academic excellence for competition exams.</li> <li>5. Hone &amp; develop employability related skills for holistic development.</li> </ol>
5.	GEO-402	Geography Of India-II	<ol style="list-style-type: none"> <li>1. Identify conventional and non conventional sources of energy</li> <li>2. Classify major industrial regions and major crops of India.</li> <li>3. Interpret the spatial distribution pattern of population in India and classify planning regions.</li> <li>4. Build competency and academic excellence for competition exams.</li> </ol>
6.	GEO-403	Practical: Map Projections	<ol style="list-style-type: none"> <li>1. Enhance the knowledge about the size and shape of the Earth</li> <li>2. Know Mathematical references to locate points on the Earth surface.</li> <li>3. Classify map projections and explain the use of particular projections for mapping purposes.</li> <li>4. Build competency and academic excellence for competition exams.</li> <li>5. Hone &amp; develop employability related skills for holistic development.</li> </ol>
7.	GEO-501	Environmental Geography	<ol style="list-style-type: none"> <li>1. Recall and relate the elements of environment which are impacting the climate and present surroundings.</li> <li>2. Justify the fundamentals of ecology and the dynamic ecosystem</li> <li>3. Prioritize the importance and the need to conserve biodiversity</li> <li>4. Build competency and academic excellence for competition exams.</li> </ol>
8.	GEO-502 : (A) -	Regional Geography of World- I (Asia, Europe And Australia)	<ol style="list-style-type: none"> <li>1. Develop geographical understanding of Asia and analyze its economic development.</li> <li>2. Develop geographical understanding of Europe and analyze its economic development.</li> <li>3. Develop geographical understanding of Australia and analyze its economic development.</li> <li>4. Build competency and academic excellence for competition exams.</li> </ol>
9.	GEO-502(B)	Regional Geography Of South Asia-I	<ol style="list-style-type: none"> <li>1. Develop geographical understanding of Physiography and climate of South Asia.</li> <li>2. Develop geographical understanding of demography of South Asia.</li> </ol>



			<ol style="list-style-type: none"> <li>3. To develop the understanding of migration and urbanization in South Asia.</li> <li>4. Build competency and academic excellence for competition exams.</li> </ol>
10.	GEO-503	Practical: Plane Table Survey And Prismatic Compass Survey	<ol style="list-style-type: none"> <li>1. Demonstrate survey techniques of creating field plans using Plane table and prismatic compass survey method.</li> <li>2. Hone &amp; develop employability related skills for holistic development.</li> </ol>
11.	GEO-601	Geographical Thoughts	<ol style="list-style-type: none"> <li>1. Know and understand Geography of Vedic Age.</li> <li>2. Enumerate the contributions of Greek, Roman, Arab, French, German, British and American Geographers.</li> <li>3. Critically examine the concept of Dualism in Geography.</li> </ol>
12.	GEO-602(A)	Regional Geography of World-II (North America, South America And Africa)	<ol style="list-style-type: none"> <li>1. Develop geographical understanding of North America and analyze its economic development.</li> <li>2. Develop geographical understanding of South America and analyze its economic development.</li> <li>3. Develop geographical understanding of Africa and analyze its economic development</li> <li>4. Build competency and academic excellence for competition exams.</li> </ol>
13.	GEO-602(B)	Regional Geography of South Asia	<ol style="list-style-type: none"> <li>1. Develop geographical understanding of agricultural practices of South Asia.</li> <li>2. Develop geographical understanding of mineral resources and analyze its economic development.</li> <li>3. Develop the understanding of role of SAARC in the development of South Asia.</li> <li>4. Build competency and academic excellence for competition exams.</li> </ol>
14.	GEO-603	Practical: Report Writing Based on Field Survey	<ol style="list-style-type: none"> <li>1. Construct, Formulate and analyze questionnaires for data collection and field survey to help them understand the importance of ecological, historical or industrial hotspots of regional importance.</li> <li>2. Hone &amp; develop employability related skills for holistic development.</li> </ol>
<b>M.A. Geography</b>			
15.	GEOM-101	Geographical Thought	<ol style="list-style-type: none"> <li>1. Recognize the elements of Geography and trace the evolution of the subject.</li> <li>2. Discover and develop understanding about the contributions of various schools of Geographical Thought.</li> </ol>

			3. Identify and focus on the various geographical concept and dichotomy in the subject
16.	GEOM-102	Geomorphology	<ol style="list-style-type: none"> <li>1. Identify and discuss the fundamental concepts, incidences and occurrences of seismology and vulcanicity, plate tectonics and isostasy.</li> <li>2. Summarize and evaluate Continental and mountain building theories.</li> <li>3. Illustrate various landforms and classify their process of evolution and distribution</li> <li>4. Build competency and academic excellence for competition exams.</li> </ol>
17.	GEOM – 103	Population Geography	<ol style="list-style-type: none"> <li>1. Explain the development of demography and elaborate the concept of population.</li> <li>2. Measure and discuss the population dynamics of the world.</li> <li>3. Critically evaluate the population as a resource and population policies.</li> <li>4. Build competency and academic excellence for competition exams.</li> </ol>
18.	GEOM-104	Political Geography	<ol style="list-style-type: none"> <li>1. Identify elements of political geography for understanding the formation of state.</li> <li>2. Compare the various themes of political geography to help evaluate the emerging world power.</li> <li>3. Understand the geopolitical dimensions and evaluate the need for regional cooperation.</li> </ol>
19.	GEOM-105 :	Practical: Advanced Cartography	<ol style="list-style-type: none"> <li>1. Create, develop and interpret weather maps and understanding of the Topographical landscapes in consonance to Survey of India Toposheets and asses their regional differentiations.</li> <li>2. Build competency and academic excellence for competition exams.</li> <li>3. Hone &amp; develop employability related skills for holistic development.</li> </ol>
20.	GEOM-201	Climatology and Oceanography	<ol style="list-style-type: none"> <li>1. Distinguish the various climatic phenomenon and explain their global to regional distribution.</li> <li>2. Classify climatic regions of the world and observe dynamics of cyclones.</li> <li>3. Sketch the major features of ocean basins and critically evaluate the distribution of temperature and salinity in oceans</li> <li>4. Build competency and academic excellence for competition exams.</li> </ol>

21.	GEOM-202	Resource and Economic Geography	<ol style="list-style-type: none"> <li>1. Classify economies and discover factors affecting location of economic activities.</li> <li>2. Exemplify the economic theories and establish a connection with the industrial development of the world.</li> <li>3. Observe various modes of transportation and ac</li> <li>4. Build competency and academic excellence for competition exams.</li> <li>5. Hone &amp; develop employability related skills for holistic development. cess the impact of globalization on trade.</li> </ol>
22.	GEOM-203	Geography of India	<ol style="list-style-type: none"> <li>1. Outline and interpret the different physiographical features of India.</li> <li>2. Categorize and elaborate the mineral and power potential of India.</li> <li>3. Estimate the impact of industrial development and assess the regional disparity levels in the country.</li> <li>4. Build competency and academic excellence for competition exams.</li> </ol>
23.	GEOM-204	Digital Cartography, Aerial Photography and GPS	<ol style="list-style-type: none"> <li>1. Identify the components on an aerial photography and distinguish the elements of photo interpretation</li> <li>2. Become familiar with the history, film type, and angles of aerial photography distortions and displacement</li> <li>3. Use photogrammetric techniques to calculate: distance, area and object height from aerial photographs</li> <li>4. Build competency and academic excellence for competition exams.</li> <li>5. Hone &amp; develop employability related skills for holistic development.</li> </ol>
24.	GEOM-205:	Practical Geography: Air Photo Interpretation and GPS	<ol style="list-style-type: none"> <li>1. Build competency and academic excellence for competition exams.</li> <li>2. Hone &amp; develop employability related skills for holistic development.</li> </ol>
25.	GEOM-301:	Agricultural Geography	<ol style="list-style-type: none"> <li>1. Trace the development of agricultural geography as a subject and analyze the sources of agricultural data</li> <li>2. Distinguish agricultural concepts and theories for the classification of agricultural regions.</li> <li>3. Examine the contemporary issues and discuss the agricultural policies of India.</li> <li>4. Build competency and academic excellence for competition exams.</li> </ol>
26.	GEOM-302:	Industrial Geography	<ol style="list-style-type: none"> <li>1. Identify the elements and factors of localization of industries</li> </ol>

			<ol style="list-style-type: none"> <li>2. Establish a connection between the localization theories and distribution of manufacturing industries in the world.</li> <li>3. Speculate the impact of globalization and changing industrial policies on world environment.</li> </ol>
27.	GEOM-303:	Urban Geography	<ol style="list-style-type: none"> <li>1. Understand the nature, scope and evolution of urban geography as a subject.</li> <li>2. Discover and summarize various theories of development of urban systems.</li> <li>3. Elaborate the functional classification of cities and interpret sustainable urban planning and development.</li> </ol>
28.	GEOM-304(a):	Social Geography	<ol style="list-style-type: none"> <li>1. Discuss the knowledge of formation of societies and social consciousness.</li> <li>2. Explain the formation of regions with respect to various social parameters.</li> <li>3. Speculate public policies and evaluate social planning system in India.</li> </ol>
29.	GEOM-304(b):	Cultural Geography	<ol style="list-style-type: none"> <li>1. Understand the role of elements of culture in the formation of cultural regions.</li> <li>2. Discuss the importance of cultural regions and cultural ecology in economic development</li> <li>3. Summarize economic activities and cultural adaptations in developing countries.</li> </ol>
30.	GEOM-305	Practical Geography: Remote Sensing Techniques	<ol style="list-style-type: none"> <li>1. Build a functional understanding of basic remote sensing concepts and applications.</li> <li>2. Demonstrate GIS techniques of processing remotely sensed data and understand data acquisition, storage and its synthesis.</li> <li>3. Build competency and academic excellence for competition exams.</li> <li>4. Hone &amp; develop employability related skills for holistic development.</li> </ol>
31.	GEOM-401	Geography of South Asia	<ol style="list-style-type: none"> <li>1. Develop geographical understanding of Pakistan and discuss its political relations with South Asian countries.</li> <li>2. Develop geographical understanding of Bangladesh and discuss its political relations with South Asian countries</li> <li>3. Develop geographical understanding of Nepal, Sri Lanka, Bhutan and discuss their political relations with South Asian countries.</li> <li>4. Build competency and academic excellence for competition exams.</li> </ol>

32.	GEOM-402	Regional Development and Planning	<ol style="list-style-type: none"> <li>1. Explain and interpret the concept of regional planning</li> <li>2. Discuss the models and theories of regional planning and their relevance in present times.</li> <li>3. Assess the short- and long-term impact of planning in the process of regional development</li> <li>4. Build competency and academic excellence for competition exams.</li> </ol>
33.	GEOM-403(a)	Quantitative Techniques in Geography	<ol style="list-style-type: none"> <li>1. Understand and estimate the importance of quantitative techniques.</li> <li>2. Differentiate between parametric and non- parametric inferences.</li> <li>3. Formulate hypothesis and measure the level of significance.</li> <li>4. Build competency and academic excellence for competition exams</li> <li>5. Hone &amp; develop employability related skills for holistic development.</li> </ol>
34.	GEOM-403(b)	Natural Disaster Management	<ol style="list-style-type: none"> <li>1. Differentiate between natural and man- made disaster.</li> <li>2. Summarize the impact of disaster on humans and economy of a region.</li> <li>3. Analyze the importance of GIS in disaster management.</li> </ol>
35.	GEOM-404(a)	Dissertation	<ol style="list-style-type: none"> <li>1. Apply the knowledge of quantitative techniques to analyze data through field surveys by constructing questionnaires.</li> <li>2. Develop research aptitude and formulate an intensive micro level dissertation work.</li> <li>3. Hone &amp; develop employability related skills for holistic development.</li> </ol>
36.	GEOM-404 (b) :	Geography of Tourism Development	<ol style="list-style-type: none"> <li>1. Discover the basics and dimensions of tourism.</li> <li>2. Explore the types of tourism and associated elements for the development of tourism</li> <li>3. Critically evaluate the impact of tourism on environment.</li> </ol>
37.	GEOM-405	Practical Geography: Geographic Information System Application	<ol style="list-style-type: none"> <li>1. Demonstrate proficiency in integrated geographical knowledge using geographical research tools including Spatial Statistics, Cartography, Remote Sensing, GIS and GPS.</li> <li>2. Build competency and academic excellence for competition exams.</li> <li>3. Hone &amp; develop employability related skills for holistic development.</li> </ol>

## DEPARTMENT OF HINDI

S. No.	Course Code	Course Title	Course Outcome
<b>B.A./ENG HONS/ECO HONS</b>			
1.	HIN-301	हिंदी साहित्य का इतिहास	<ul style="list-style-type: none"> <li>• रीतिकालीन कवियों का वर्गीकरण, काव्यगत विशेषताएँ, नामकरण सम्बन्धी विद्वानों के मतों की समीक्षा करना।</li> <li>• भारतेंदु कान, द्विवेदी कान व छायावाद के प्रमुख कवि, रचनाएँ व विशेषताओं का अध्ययन।</li> <li>• छायावादोत्तर काल के कवि, रचनाएँ व प्रवृत्तियों को समझना।</li> </ul>
2.	HIN-302	हिंदी निबंध	<ol style="list-style-type: none"> <li>1. साहित्य जन समूह के हृदय का विकास है, कवि कर्तव्य, तुलसी के सामाजिक मूल्य, कवि तेर आ गया है निबंध में प्रतिपादित विचार, लेखकों की भाषा शैली, सोदाहरण समीक्षा करना।</li> <li>2. राष्ट्र का स्वरूप, मानस की धर्मभूमि, पार्थिव धर्म, राजस्थानी साहित्य में राष्ट्रीय भावना निबंध प्रतिपादित विचार, लेखकों की भाषा शैली, सोदाहरण समीक्षा करना।</li> <li>3. निबंध विधा का अर्थ, स्वरूप, उद्भव-विकास की जाँचपड़ती।</li> </ol>
3.	HIN-401	रीतिकालीन काव्य – II	<p>अध्ययन के परिणाम</p> <p>पाठ्यक्रम पूर्ण होने के बाद विद्यार्थी योग्य होंगे-</p> <ol style="list-style-type: none"> <li>1. सेनापति, भूपाल की रचनाएँ, वरुण कला, व्याख्या व वैज्ञानिक विचार, प्रश्नों की समीक्षा करना।</li> <li>2. गीतराम, कुंद की काव्यकला विशेषताएँ, व्याख्या व वैज्ञानिक विचार, प्रश्नों का आलोचनात्मक विश्लेषण करना।</li> <li>3. वामन-सङ्घम, हेतु, प्रयोजन की परिभाषा एवं गुणवत्तात्मक अध्ययन।</li> </ol>
4.	HIN-402	हिंदी नाटक एवं एकांकी	<p>पाठ्यक्रम पूर्ण होने के बाद विद्यार्थी योग्य होंगे-</p> <ol style="list-style-type: none"> <li>1. कबीर सदा बाजार में नाटक समस्या से अज्ञान होकर तांत्रिक समीक्षा करना।</li> <li>2. पतिता एकलौटियों की विशेषताओं से परिचित होकर समीक्षात्मक अध्ययन, एकलौटिहार की भाषा शैली से अवगत होना।</li> <li>3. हिंदी नाटक एवं एकांकी का उद्भव व विकास तथा गुणवत्तात्मक अध्ययन।</li> </ol>
5.	HIN-501	आधुनिक काव्य - I	<ol style="list-style-type: none"> <li>1. अयोध्या विद्रोह सन्तान 'हीरो', रीतिकालीन युग का काव्य लेखन व अर्थों की व्याख्या करना।</li> <li>2. जगतेश्वर प्रसाद, सूर्यकांत त्रिपाठी 'दिलीप', सुमित्रसेन सेन का साहित्यिक लेखन व समीक्षात्मक अध्ययन।</li> <li>3. आधुनिक काव्य का सांस्कृतिक इतिहास व पश्चिम कवियों का परिचय।</li> </ol>
6.	HIN-502(A)	कथा साहित्य (कहानी)	<ol style="list-style-type: none"> <li>1. पतिता एकलौटियों की मूल अवधारणा की समीक्षा, एकलौटियों की कथाएँ तथा काव्यिकता करना।</li> <li>2. पतिता एकलौटियों की कथा विशेषताएँ व एकलौटियों के साहित्यिक लेखन से अवगत होना।</li> <li>3. कथाएँ विधा के इतिहास की जाँचपड़ती।</li> </ol>
7.	HIN-502(B)	मुंशी प्रेमचंद की कहानी कला	<p>पाठ्यक्रम पूर्ण होने के बाद विद्यार्थी योग्य होंगे-</p> <ul style="list-style-type: none"> <li>• कहानी विधा के इतिहास की जानकारी होना</li> <li>• मुंशी प्रेमचंद के साहित्यिक व सांस्कृतिक जीवन की जानकारी उपलब्ध होना</li> <li>• पतिता कहानियों की मूल संवेदना व नवीन विचारधारा को अवगत होना</li> </ul>
8.	HIN-601	आधुनिक काव्य - II	<p>पाठ्यक्रम पूर्ण होने के बाद विद्यार्थी योग्य होंगे-</p> <ol style="list-style-type: none"> <li>1. रामदासी सिंह, दिनकर, कल्याण-काव्य मुक्तिशोध, पश्चिम आसानी के काव्य की व्याख्या, अवधारणात्मक लेखन व समीक्षा करना।</li> <li>2. कवितात्मक वी. वा. सूर्यवंश, महर्षि की कविता, लेखकों की कथाएँ विशेषताओं का अध्ययन करना।</li> <li>3. रस अवधारणा का विस्तृत अध्ययन।</li> </ol>
9.	HIN-602(A)	कथा साहित्य - (उपन्यास)	<p>पाठ्यक्रम पूर्ण होने के बाद विद्यार्थी योग्य होंगे-</p> <ol style="list-style-type: none"> <li>1. उपन्यास अवधारणा की साहित्यिक समीक्षा व क्रिकेट के उपन्यास लेखकों की विशेषताओं को अवगत करना।</li> <li>2. हिंदी उपन्यास विधा का स्वरूप, उद्भव व विकास।</li> <li>3. उपन्यास व कथाओं का विकास व अंतर।</li> </ol>
10.	HIN-602(B)	महाभोज (उपन्यास)	<p>पाठ्यक्रम पूर्ण होने के बाद विद्यार्थी योग्य होंगे-</p> <ul style="list-style-type: none"> <li>• हिंदी उपन्यास विधा की जानकारी से अवगत होना</li> <li>• उपन्यास व कथाओं का विकास व अंतर की जानकारी होना</li> <li>• महाभोज उपन्यास की साहित्यिक समीक्षा व रसु मंदरी की उपन्यास कला की विशेषताओं को अवगत करना।</li> </ul>

## DEPARTMENT OF HISTORY

### Program Specific Outcomes:

**On successful completion of B.A with History, the students will be able-**

1. To delve into the discipline of Indian, Regional and World History ranging from ancient to the modern period.
2. To become problem solvers, researchers and think tanks to aid the society in interpreting various socio-economic and political issues both at national and international levels.
3. To access the diverse historical literature through experiential learning.
4. To develop cognitive ability to work in various capacities and positions.
5. To contribute towards their rich cultural heritage and to help young minds become responsible citizens of the country who can contribute to the making and preservation of their legacy.

S. No.	Course Code	Course Title	Course Outcome
<b>B.A./ENG HONS/ECO HONS</b>			
1.	HIS-301:	HISTORY OF MEDIEVAL INDIA - I	<ol style="list-style-type: none"> <li>1. Critically appraise the Sultanate period in Medieval India</li> <li>2. Infer and examine the political, socio-economic and cultural changes introduced by the Islamic polity 12th century onwards</li> <li>3. Sketch the rise of the provincial kingdoms and their contribution to the growth of GangaJamuna culture.</li> </ol>
2.	HIS-302:	HISTORY OF RAJASTHAN - I	<ol style="list-style-type: none"> <li>1. Know and understand the early history of Rajasthan starting from Stone Age and proto-historic culture to the evidences of Mauryan and Gupta rule.</li> <li>2. Schematize the origin of Rajputs and assess the Delhi Sultanate rule with special reference to Rajputana</li> <li>3. Synthesize the Mughal impact on the polity, society, culture &amp; art of Rajasthan</li> </ol>
3.	HIS-401:	HISTORY OF MEDIEVAL INDIA - II	<ol style="list-style-type: none"> <li>1. Schematize the narrative of the processes and challenges in establishment and expansion of Mughal rule in India and appraise the salient features of interim Suri Empire.</li> <li>2. Compare and contrast the aspects of Mughal relations with various regional powers.</li> <li>3. Compile the salient features of Mughal Society, Economy, Art &amp; Architecture</li> </ol>
4.	HIS-402:	HISTORY OF RAJASTHAN - II	<ol style="list-style-type: none"> <li>1. Discover and explain the culture and heritage of Rajputana.</li> <li>2. Summarize the British influence in socio-economic field in the state.</li> <li>3. Analyze the causes and process of national awakening in Rajasthan.</li> </ol>

5.	HIS-501	: HISTORY OF MODERN INDIA - I	<ol style="list-style-type: none"> <li>1. Analyze the factors responsible for the establishment of British Paramountcy in India.</li> <li>2. Study the emergence of regional powers and their absorption in the British Empire</li> <li>3. Assess the contribution of subaltern groups in the growth of early nationalism in India.</li> </ol>
6.	HIS-502 (A) :	HISTORY OF MODERN WORLD - I	<ol style="list-style-type: none"> <li>1. Acclimatize the students to the modern period of European History</li> <li>2. Comprehend the struggle between autocracy and republican ideals through French Revolution and Napoleon</li> <li>3. Study the events like the Italian and German Unification that gave birth to the concept of nationalism in context of Europe</li> </ol>
7.	HIS-502(B):	HISTORY OF MODERN CHINA AND JAPAN - I	<ol style="list-style-type: none"> <li>1. Understand the society, culture, and economy in China at the advent of European Powers</li> <li>2. Comprehend the response of Chinese population and emperors to the growth of imperialism in the county</li> <li>3. Explain the transformation towards modernity in the region of Japan</li> </ol>
8.	HIS-601:	HISTORY OF MODERN INDIA - II	<ol style="list-style-type: none"> <li>1. Understand the British economic and legislative policies in India.</li> <li>2. Anticipate the various factors responsible for growth of nationalism in India and the contribution of Moderates and Extremists in shaping early nationalism</li> <li>3. Distinguish the different Gandhian movements and their significance in the trajectory of freedom struggle.</li> </ol>
9.	HIS-602(A):	HISTORY OF MODERN WORLD - II	<ol style="list-style-type: none"> <li>1. Tabulate the events that pushed the world towards two world wars</li> <li>2. Study the rise of communism and fascism in Asia and Europe</li> <li>3. Comprehend the epochal events of the first half of the twentieth century and correlate them with India</li> </ol>
10.	HIS-602(B):	HISTORY OF MODERN CHINA AND JAPAN - II	<ol style="list-style-type: none"> <li>1. Understand the national movements in China against the European rule.</li> <li>2. Comprehend the rise of nationalism and communism with the formation of CCP and KMT in China.</li> <li>3. Schematize the transformation of Japan from a democratic to militaristic nation leading to its participation in the World War II.</li> </ol>

**M.A.History**



11.	HISM: 101	Historical Methods And Historiography- I	<ol style="list-style-type: none"> <li>1. Examine the scope and importance of History with reference to different methods and methodology</li> <li>2. Compare and contrast ancient Indian and Western Historiography</li> <li>3. Comprehend Medieval Historiography both Christian and Muslim</li> </ol>
12.	HISM: 102	Tourism And Heritage with Special Reference to Rajasthan	<ol style="list-style-type: none"> <li>1. Comprehend the relevance of Tourism and its relationship with history and culture.</li> <li>2. Become familiarized with the various aspects of tourism industry.</li> <li>3. Perceive the growing trends in tourism and the employment demand it is generating in the present times.</li> </ol>
13.	HISM: 103	Women's Movements - India And The World	<ol style="list-style-type: none"> <li>1. Trace the trajectory and identify major influences and limitations within the key historic feminist movements of the World.</li> <li>2. Identify the intersections of identities of gender, race, ethnicity, class, caste, religion, and so on and assess the way in which they interact with the privileges, power dynamics and experience of women across cultures, space and time</li> <li>3. Critically appraise and assess the various British colonial legislation regarding Indian women; estimate the role played by various women in pre-independence social and political movements.</li> <li>4. Summarize the Indian women's contemporary movements related to environmental and social issues, Uniform Civil Code, Sati etc.</li> </ol>
14.	HISM: 104	WORLD CIVILIZATIONS	<ol style="list-style-type: none"> <li>1. Examine the rise of civilizations and urbanization of early man in different parts of the earth</li> <li>2. Discuss in detail the achievements and contributions of ancient civilizations in the fields of science and technology, art and architecture, language and literature.</li> <li>3. Compare and contrast the civilizations spread across different geographical regions and spaces</li> </ol>
15.	HISM: 201	Historical Methods And Historiography- II	<ol style="list-style-type: none"> <li>1. Comprehend the changes in historical writing in the 19th century in the light of the Age of Enlightenment</li> <li>2. Trace the evolution of history writing in the world in the 20th century</li> <li>3. Understand the characteristics and perspectives of Indian historiography</li> </ol>
16.	HISM 202:	Administrative And Socio-Economic Ideas And	<ol style="list-style-type: none"> <li>1. Trace the evolution of state and administration in ancient India</li> </ol>

		Institutions Of Ancient India	<ol style="list-style-type: none"> <li>2. Develop an in-depth understanding of the socio-cultural and religious ideas and institutions in ancient India</li> <li>3. Discuss the organization of trade and taxation, salient features of coinage and land grant system in ancient India.</li> </ol>
17.	HISM-203:	Administrative and Socio Economic History of Delhi Sultanate & The Mughals	<ol style="list-style-type: none"> <li>1. Comprehend the literary sources of Delhi Sultanate and Mughal period as sources of administrative and socio economic history of the period.</li> <li>2. State the salient features and evolution of administrative system during Delhi Sultanate and Mughal period.</li> <li>3. Understand the characteristics and organization of Delhi Sultanate and Mughal society and economy.</li> </ol>
18.	HISM 204:	Socio-Cultural And Political Trends In Rajasthan	<ol style="list-style-type: none"> <li>1. Describe the socio-religious life of medieval Rajputana.</li> <li>2. Know and appreciate the evolution of art and literature in the region</li> <li>3. Realize and cherish the legacy of the independent movement in Rajasthan</li> </ol>
19.	HISM 301:	MAKING OF BRITISH INDIA- TERRITORIAL EXPANSION	<ol style="list-style-type: none"> <li>1. Deal the nature of the archival records that extends or limits our understanding of the history of British expansion in Indian subcontinent</li> <li>2. Discuss and debate the techniques and strategies followed by the Britishers to extend their control over Indian subcontinent through their military prowess and were able to slowly emerge as the hegemonic force in the region.</li> <li>3. Understand the process through which Britishers consolidated their position in the subcontinent and help students understand the nature and consequences of the revolt of 1857</li> </ol>
20.	HISM 302:	Making Of British India-Administrative And Social Reforms	<ol style="list-style-type: none"> <li>1. Discuss the administrative policies of the Britishers in the Indian sub-continent from 18th-20th century</li> <li>2. Define how the British legislative policies transformed the political, administrative and social outlook of the region.</li> <li>3. Understand the various social reforms implemented by the colonial state and how they were perceived by the indigenous population</li> </ol>
21.	HISM 303:	ECONOMIC HISTORY OF INDIA: 1757-1947	<ol style="list-style-type: none"> <li>1. Understand the aspects related to agriculture and revenue system in the Indian subcontinent during the colonial times.</li> <li>2. Ascertain the economic changes brought about in the industrial sector and how these changes influenced or transformed</li> </ol>

			<p>the indigenous industries or hampered their productivity.</p> <ol style="list-style-type: none"> <li>3. Interpret the concepts of trade and commerce in the context of Indian subcontinent through this paper.</li> </ol>
22.	HISM-304:	MODERN INDIAN THINKERS	<ol style="list-style-type: none"> <li>1. Appreciate the different intellectual traditions that developed in the modern India in relation to the various socio religious reform movements of the 19th and 20th century</li> <li>2. Understand the liberal and socialist ideologies that developed in modern India and how these thinkers influenced, interacted, adopted and adapted various intellectual thought processes to develop a syncretic intellectual tradition</li> <li>3. Comprehend the particularist ideologies which were both rooted in their socio cultural milieu as well as was a progression from the existing cognitive tradition.</li> </ol>
23.	HISM-305 (A):	ENVIRONMENTAL HISTORY OF MODERN INDIA 1800-2000	<ol style="list-style-type: none"> <li>1. Become familiarized with environmental history, its relation and contribution to human history and how it developed over the ages</li> <li>2. Understand how the ecological policies of the colonial government influenced the indigenous way of living and how movements of resistance started in colonial India over the question of ownership of natural resources.</li> <li>3. Discuss the ecological problems of the post colonial India and also touch upon the idea of epidemics and its brief history in relation to the contemporary problem of Covid 19</li> </ol>
24.	HISM 305(B):	HISTORY OF INDIAN CINEMA AND SOCIAL REALITIES	<ol style="list-style-type: none"> <li>1. Trace the evolution of Indian Cinema.</li> <li>2. Understand and contextualize the socio-political realities as depicted through cinema.</li> <li>3. Study the impact of parallel cinema on society and understand the new trends emerging in Indian cinema Module</li> </ol>
25.	HISM 401:	Indian Nationalism: 1860-1919	<ol style="list-style-type: none"> <li>1. Describe the early state of nationalism in India and the ways resistance towards British was continuously brewing and the ways in which it was manifested.</li> <li>2. Discuss different ideas and institutions which were established during the period and how these institutions and their politics moulded the national movement in their own ways over time.</li> <li>3. Explore in detail the different legislative reforms which were brought about by</li> </ol>

			British to please the discontented nationalists and the influence it had on national movement; how the Gandhi's arrival on national scene changed the course of agitations.
26.	HISM 402	Indian Nationalism: 1919-1947	<ol style="list-style-type: none"> <li>1. Review the mass movements against British and the different trends it contained, popular perception of the movement; happenings of the decade in various forms.</li> <li>2. Discuss the outcomes and achievements of the previous movements; the growth of Indian national movement, the current challenges and the ways in which politics and movements were being shaped at this time.</li> <li>3. Differentiate among the different proposals regarding the transfer of power to Indians, current events of the world politics and how it shaped Indian politics of that particular time, the eventual independence from British and the horrors of partition.</li> </ol>
27.	HISM 403:	MAHATMA GANDHI: MAN, IDEAS, POLITICAL, SOCIAL AND MORAL PHILOSOPHY	<ol style="list-style-type: none"> <li>1. Examine critically various aspects of Gandhian thought from a cross section of his own writings.</li> <li>2. Locate Gandhian ideas and ethos in time and space by making a brief study of his life from birth till his return to India from South Africa.</li> <li>3. Analyze Gandhi's critique of Western civilization, especially in the light of recent writings of the subaltern collective, his concepts of truth and non-violence, his political philosophy, his method of resistance, his programme of social upliftment, his experiment with collective living, his religious thought and the relevance of his ideas for the contemporary world.</li> </ol>
28.	HISM 404:	HISTORY OF CONTEMPORARY INDIA (1947-2000)	<ol style="list-style-type: none"> <li>1. Summarize the process of reconstruction of India after independence through political, economic and territorial reforms</li> <li>2. Understand the different struggles the nation had to face during its historical journey in the form of wars, political crisis, and border disputes</li> <li>3. Outline the years of the process of economic liberation of the country as well as the politico-social crisis that devastated the nation.</li> </ol>
29.	HISM 405(A):	DISSERTATION	<ol style="list-style-type: none"> <li>1. Understand the dynamics and methods of qualitative research.</li> </ol>

			<ol style="list-style-type: none"> <li>2. Deconstruct various historical ideas and methodologies that construct a narrative</li> <li>3. Comprehend the relationship between the macro and micro method of history that makes case studies important in construing the socio-political, cultural, economical milieu of the past.</li> </ol>
30.	HISM 405(B):	HISTORY OF CASTE IN MODERN INDIA	<ol style="list-style-type: none"> <li>1. Introduce students to the concept of cast and the various Historiographical debates around it</li> <li>2. Summarize the 20th century political movements and leaders on the question of Caste in Colonial India</li> <li>3. Specify the dynamics of caste in the post independence India</li> </ol>

## DEPARTMENT OF HOME SCIENCE

### Program Specific Outcomes:

**On successful completion of B.A with Home Science, the students will be able-**

1. To understand and promote the role of interdisciplinary sciences in the development and well-being of individuals, families and communities.
2. To develop professional and entrepreneurial skills for empowerment.
3. To promote activity-based practical knowledge and exposure.
4. To evolve as a wholesome personality by preparing them for employment through skill development.
5. To unify the subject knowledge with related disciplines and develop qualities for responsible homemakers.

S. No.	Course Code	Course Title	Course Outcome
<b>B.A./ECO HONS/ENG HONS</b>			
1.	HSC 301-	Introduction to Human Development	<ol style="list-style-type: none"> <li>1. Evaluate the developmental phenomenon from conception to old age.</li> <li>2. Explain the theory of cognition and sequence of motor development during childhood.</li> <li>3. Assess the various factors affecting moral, emotional and social development.</li> </ol>
2.	HSC-302:	Extension Education and Communication	<ol style="list-style-type: none"> <li>1. Explain the concept and principles of Extension education.</li> <li>2. Evaluate the different methods of Communication.</li> <li>3. Assess the different medias of communication.</li> <li>4. Acquint the student about the communication skills to get employable various NGO's.</li> </ol>

3.	HSC-401	Life Span Development	<ol style="list-style-type: none"> <li>1. Enable the students to understand the various behavioral problems of children.</li> <li>2. Familiarize the students about different types of Marriages and families.</li> <li>3. Illustrate the various functions of Family</li> </ol>
4.	HSC-402 :	Fundamentals of Foods and Nutrition	<ol style="list-style-type: none"> <li>1. Develop the understanding of terms food, nutrition, methods of food preservation.</li> <li>2. Explain the composition, classification and functions of proteins, carbohydrates and fats.</li> <li>3. Explain the nutritional importance functions, deficiency of micronutrient in the body.</li> <li>4. Prepare the students to get entrepreneurial skills in food industries.</li> </ol>
5.	HSC-501 :	Nutritional Management in Health and Disease	<ol style="list-style-type: none"> <li>1. Develop the concept of energy metabolism and balanced diet in the body.</li> <li>2. Assess the principles and purpose of Diet therapy.</li> <li>3. Illustrate the concept of dietary modification and therapeutic nutrition in various diseases.</li> <li>4. Prepare the students to get employability as dietician in various institutions.</li> </ol>
6.	HSC-502 (A)	Institutional Food Service Management – I	<ol style="list-style-type: none"> <li>1. Acquire Knowledge regarding food service institution</li> <li>2. Impart knowledge of quantity cookery and quality control in food administration</li> <li>3. Brief the students about quantity food production and food service operation.</li> <li>4. Prepare the students to get employability in various food institutions.</li> </ol>
7.	HSC- 502 (B) :	Entrepreneurship and NGO Management-I	<ol style="list-style-type: none"> <li>1. Analyse the skills and innovations required for an Entrepreneurship.</li> <li>2. Evaluate the points to be points to be considered while formulation of a successful Business plan.</li> <li>3. Brief the knowledge regarding role of entrepreneur</li> </ol>
8.	HSC-601:	Family Resource Management and Interior Designing	<ol style="list-style-type: none"> <li>1. Analyse the factors motivating management and the management process</li> <li>2. Evaluate the various resources and the process of energy management</li> </ol>

			3. Brief the knowledge about Housing needs, Principle and Elements of Design
9.	HSC-602 (A) :	Institutional Food Service Management -II	<ol style="list-style-type: none"> <li>1. Brief the student about human resource management</li> <li>2. Analyse the concept of marketing and Organizational Behavior</li> <li>3. Enable student about cost and budget management</li> <li>4. Prepare the students for internships in various institutions.</li> </ol>
10	HSC-602 (B) :	Entrepreneurship and NGO Management-II	<ol style="list-style-type: none"> <li>1. Assess the role of NGO's and their accountability, transparency and sustainability.</li> <li>2. Brief the students about women issues and challenges</li> <li>3. Acquire Knowledge regarding Financial Management in NGO</li> <li>4. Prepare the students for internships in various NGO's.</li> </ol>

## DEPARTMENT OF PHYSICAL EDUCATION

### Program Specific Outcomes:

**On successful completion of B.A with Physical Education, the students will be able-**

1. To acquire skills to provide services in education, health, recreation and competitive sports.
2. To understand the key elements of sports, exercise, health and physical activity from the perspective of science.
3. To explore the science behind the effective performance in physical activity and sports.
4. To have a greater awareness about a healthy and active lifestyle to inculcate leadership, teamwork and social qualities among the players.
5. To play a pivotal role in organizing the Sports events of the College, University and other sports events.

S. No.	Course Code	Course Title	Course Outcome
<b>B.A./ECO HONS/ENG HONS</b>			
1.	PED-301	Kinesiology and Sports Biomechanics	<ol style="list-style-type: none"> <li>1. Analyze the objectives &amp; importance of sports biomechanics.</li> <li>2. Evaluate the objectives of kinesiology and joint movements.</li> <li>3. Examine the types of muscle contractions and postural deformities.</li> </ol>
2.	PED-302	Sports Management	<ol style="list-style-type: none"> <li>1. Relating the foundational knowledge of basic concepts and practices associated with sports management.</li> </ol>

			<ol style="list-style-type: none"> <li>2. Applying the functions of planning, organizing, leading, and evaluating to a variety of sport competitions.</li> <li>3. Applying a fundamental knowledge and practical understanding of sports facilities, equipment &amp; financial management.</li> <li>4. Make an individual enough capable to organize any sports activity.</li> </ol>
3.	PED – 303	Practical	<ol style="list-style-type: none"> <li>1. Determine factors involved in development of physical fitness.</li> <li>2. Participate in active learning to stimulate continued inquiry about physical education programme.</li> </ol>
4.	PED – 401:	Sports Nutrition	<ol style="list-style-type: none"> <li>1. Evaluate the role of nutrition in sports.</li> <li>2. Analyze the caloric requirement for sports person.</li> <li>3. Assess the concept of BMI in sports.</li> </ol>
5.	PED-402	Sports Psychology	<ol style="list-style-type: none"> <li>1. Discuss the psychological perspectives of sport psychology.</li> <li>2. Compare and contrast various learning theories and determine how the principles of these theories can be employed to enhance sport performance.</li> <li>3. Examine the ways in which concepts and principles of motivation can be used to upgrade sport performance.</li> </ol>
6.	PED-403	Practical	<ol style="list-style-type: none"> <li>1. Evaluate the role of nutrition in sports.</li> <li>2. Examine and accessing the anxiety and motivation level of sportspersons.</li> </ol>
7.	PED – 501	Sports Injuries and Rehabilitation	<ol style="list-style-type: none"> <li>1. Analyze the pre-injury capabilities in every aspects of physical fitness and the tensile strength of injured tissue.</li> <li>2. Understand the use of modalities in sports injury management</li> <li>3. Evaluate the common Physiological Effects of massage on body</li> </ol>
8.	PED-502 (A)	Sports Training	<ol style="list-style-type: none"> <li>1. Develop the performance capabilities with the knowledge of sports training.</li> <li>2. Classify motor skills to understand the various health methods and safety practices</li> <li>3. Applying the knowledge to understand the concept of training and techniques.</li> </ol>
9.	PED-502 (B)	Physical Fitness and wellness	<ol style="list-style-type: none"> <li>1. Discuss the concept, types and needs of the physical activities for fitness.</li> </ol>



			<ol style="list-style-type: none"> <li>2. Illustrate the principles and concept of fitness and exercises effecting the various body systems.</li> <li>3. Elaborate the significant programs and factors of wellness to lead a positive lifestyle.</li> </ol>
10	PED-503	Practical	<ol style="list-style-type: none"> <li>1. Understand the use of modalities in sports injury management.</li> <li>2. Develop the performance capabilities with the knowledge of sports training.</li> </ol>
11	PED-601	Test, Measurement and Evaluation in Physical Education	<ol style="list-style-type: none"> <li>1. Imparting the knowledge of collection of data help in evaluating the learner's ability individually.</li> <li>2. Applying the knowledge to determine the corrective measures that test are administrated for.</li> <li>3. Develop physical competence and knowledge of specific test to measure the performance and fitness.</li> </ol>
12	PED-602 (A)	Officiating and Coaching	<ol style="list-style-type: none"> <li>1. Understand the concept of officiating and developing the philosophy of coaching and its measures.</li> <li>2. Develop and improve learning, growth and team work from the coaches.</li> <li>3. Develop concept on Role of coaches in realizing a motor task effectively.</li> </ol>
13	PED-602 (B)	Sports Journalism	<ol style="list-style-type: none"> <li>1. Explaining the importance of ethics and changing trends of journalism in sports.</li> <li>2. Creating a web of sports promotion of various sports organisation through journalism.</li> <li>3. Discuss the theory, principles and methods of editing of sports photography and its report.</li> <li>4. To equip the students with the information of E / D - journalism.</li> </ol>
14	PED-603 (A)	Practical	<ol style="list-style-type: none"> <li>1. Develop and improve learning, growth and fitness.</li> <li>2. Develop physical competence and knowledge of specific test to measure the performance and fitness.</li> </ol>
15	PED-603 (B)	Practical	<ol style="list-style-type: none"> <li>1. Develop physical competence and knowledge of specific test to measure the performance and fitness.</li> <li>2. Discuss the theory, principles and methods of editing of sports photography and it's report.</li> </ol>

## DEPARTMENT OF POLITICAL SCIENCE

### Program Specific Outcomes:

**On successful completion of B.A with Political Science, the students will be able-**

1. To understand the fundamental concepts in the discipline of Political Science.
2. To comprehend and analyze the major provisions of the Indian Constitution and compare it with various World Constitutions.
3. To understand and evaluate the ideas and philosophies of Indian and Western political thinkers.
4. To explore the basic concepts of International relations and analyze the key dynamics of India's relations with its neighbours and great powers.
5. To understand, interpret, explain and critically assess events, patterns and structures of politics and government.

S. No.	Course Code	Course Title	Course Outcome
<b>B.A./ECO HONS/ENG HONS</b>			
1.	POL SC 301-	Comparative Government and Politics-I	<ol style="list-style-type: none"> <li>1. Identify the Meaning, Nature and Scope of Comparative Politics and classify the types of Constitutions.</li> <li>2. Examine the Salient Features of the Constitutions of various countries</li> <li>3. Differentiate between the various Heads of States and Governments of various countries.</li> <li>4. This course content world open avenues in the fields of journalism, policy analysis, electoral politics as well as help students in competitive exams.</li> </ol>
2.	POL SC 302-	INDIAN POLITICAL SYSTEM - I	<ol style="list-style-type: none"> <li>1. Examine the beginning of the Indian National Movement and review the role played by the Moderates and Extremists.</li> <li>2. Examine the making of the Indian Constitution.</li> <li>3. Examine the various components of the Indian Constitution with special reference to the Union Government.</li> <li>4. This paper gives a cutting edge in competitive exams, creates awareness about the country's political system as well as opens careers options in active politics, Journalism, Teaching, poll-analysis and political campaigning.</li> </ol>
3.	POLSC 401-	Comparative Government and Politics-II	<ol style="list-style-type: none"> <li>1. Evaluate and Compare the Legislatures of various countries.</li> <li>2. Evaluate and Compare the Judiciaries of various countries</li> <li>3. Evaluate and Compare Political Parties and Pressure Groups of various countries.</li> </ol>

			4. The course content would open avenues in the fields of Journalism, policy Analysis, Electoral Politics as well as help students in competitive Exams
4.	POLSC- 402	Indian Political Systems- II	<ol style="list-style-type: none"> <li>1. Develop an understanding of the working of Indian Parliament and Indian Judiciary.</li> <li>2. Evaluate the Indian Federal System and its Dynamics</li> <li>3. Examine Political Parties , the Indian Electoral System and various other Determinants.</li> <li>4. This paper gives a cutting-edge in competitive Exams, creates awareness about the country's Political System as well as opens career options in Active Politics, Journalism, Teaching , Poll-Analysis and Political Campaigning.</li> </ol>
5.	POLSC 501-	Western Political Thought-I	<ol style="list-style-type: none"> <li>1. Examine Ancient Greek political thought especially Plato's Republic.</li> <li>2. Review the ideas of Aristotle and evaluate its impact on subsequent political thinking</li> <li>3. Classify Christian political thought and evaluate its role in shaping Medieval Philosophy</li> <li>4. The paper is designed in a way that it helps in building an analytical to students in competitive exams. It helps students to develop intellectual interdependence and contribute as a Facilitator and Influencer.</li> </ol>
6.	POLSC-502 (A):	International Relations-I	<ol style="list-style-type: none"> <li>1. Explain core ideas governing International Relations.</li> <li>2. Discover various facets of Cold war and NAM.</li> <li>3. Evaluate Indian Foreign Policy and its relations with key countries.</li> <li>4. This paper will aid students develop careers as Military and Intelligence Affairs Experts, Strategic Affairs Analysts, Human Rights Activists, Journalists and will also assist students preparing for competitive exams.</li> </ol>
7.	POLSC-502 (B) :	PUBLIC ADMINISTRATI ON -I	<ol style="list-style-type: none"> <li>1. Discover various dimensions of Public administration.</li> <li>2. Explain various concepts related to the study of Public Administration.</li> </ol>

			<ol style="list-style-type: none"> <li>3. Evaluate various theories of Organization and understand their relevance.</li> <li>4. This paper gives a cutting edge in competitive exams and is useful for students seeking careers in Public Policy, Public Relation, Administrative Services and Urban Planning.</li> </ol>
8.	POLSC 601-	Western Political Thought-II	<ol style="list-style-type: none"> <li>1. Review the ideas of the major Social Contract Thinkers and identify their impact on the nature and scope of the state.</li> <li>2. Examine the Utilitarian thought of Bentham and J.S. Mill.</li> <li>3. Evaluate the political philosophy of Hegel and Marx.</li> <li>3. The paper is designed in a way that it helps in building an analytical bent of mind which will be an advantage to students in Competitive Exams. It helps students to develop intellectual interdependence and contribute as a Facilitator and Influencer.</li> </ol>
9.	POLSC-602 (A):	International Relations - II	<ol style="list-style-type: none"> <li>1. Explain and assess the role and working of the UNO.</li> <li>2. Examine the economic aspects of Global Politics.</li> <li>3. Discuss the working of Regional Organizations and draw a critique of contemporary trends in Global Politics.</li> <li>4. The paper will aid students develop careers as Military and Intelligence Affairs Experts, Strategic Affairs Analysts, Human Rights Activists, Journalists and will also assist students preparing for Competitive Exams.</li> </ol>
10.	POLSC 602 (B) -	Public Administration-II	<ol style="list-style-type: none"> <li>1. Understand various concepts related to Bureaucracy.</li> <li>2. Explain concepts of Budgeting.</li> <li>3. Evaluate the approaches related to Good Governance in India.</li> <li>4. This paper gives a cutting-edge in Competitive Exams and is useful for students seeking careers in Public Policy, Public Relation, Administrative services and Urban Planning.</li> </ol>

**M.A. Political Science**

11.	POLSCM 101 -	Political Thought-I	<ol style="list-style-type: none"> <li>1. Discover the political ideas in the Epics</li> <li>2. Explain the social and political concepts in Manusmriti and in the Arthshastra of Kautilya</li> <li>3. Examine the ideas of Buddhist and Jain political thought, Abul Fazal and Barni</li> <li>4. Develop Democratic Awareness and Intellectual Interdependence which will help item contribute as influencers and facilitators</li> </ol>
12.	POLSCM-102 :	Theory And Practice Of Public Administration - I	<ol style="list-style-type: none"> <li>1. Discover various dimensions of Public administration.</li> <li>2. Explain various Approaches to the study of Public Administration.</li> <li>3. Evaluate various theories of Organization and understand their relevance.</li> <li>4. Develop organizational and leadership skills which will help students seek careers in public policy, public relations, administrative services and urban planning. It will also give item a cutting edge in competitive exams.</li> </ol>
13.	POLSCM-103-	Comparative Government And Politics- I	<ol style="list-style-type: none"> <li>1. Understand the meaning, perspectives and evolution of Comparative Government and politics</li> <li>2. Evaluate Systems Approach and Structural Functional Approach</li> <li>3. Analyze role of the state in a comparative perspective and assess the Politics of Representation</li> <li>4. Enhance Democratic Awareness and research orientation which will open avenues in journalism, electoral politics, policy analysis as well as help item in competitive exams.</li> </ol>
14.	POLSCM-104	International Relations –I	<ol style="list-style-type: none"> <li>1. Understand the meaning, nature and scope of International Relations and analyze its approaches and actors</li> <li>2. Define the meaning of National Power, Balance of Power, National Interest and discover the role of Diplomacy and Ideology</li> <li>3. Evaluate the causes, phases and impact of the Cold War and Interpret the relevance of NAM and the role of UN in the contemporary world</li> </ol>

			<ol style="list-style-type: none"> <li>4. Inculcate conflict resolution and decision making skills which will be helpful in competitive exams as well as help students develop careers as military and intelligence affairs experts, strategic affairs analysts, human Rights Activist and Journalists.</li> </ol>
15.	POLSCM 201	Political Thought – II	<ol style="list-style-type: none"> <li>1. Summarize Mahatma Gandhi’s ideas and his contribution to India’s struggle for Freedom.</li> <li>2. Comprehend, assess and analyze the making of modern India.</li> <li>3. Validate the works done by greats like Ambedkar and Jai Prakash Narayan.</li> <li>4. Develop democratic awareness and intellectual interdependence which will help them contribute as influencers and facilitators.</li> </ol>
16.	POLSCM 202	Theory And Practice Of Public Administration – II	<ol style="list-style-type: none"> <li>1. Examine various theories of Administrative Behaviour</li> <li>2. Explain various dimensions of Financial Administration</li> <li>3. Examine the trends in Personnel Administration</li> <li>4. Develop Organizational and Leadership Skill which will help students seek Careers in Public Policy, Public Relations, Administrative Services and Urban Planning. It will also give them a cutting-edge in competitive Exams</li> </ol>
17.	POLSCM 203	Comparative Government And Politics – II	<ol style="list-style-type: none"> <li>1. Identify the various forms of Governments.</li> <li>2. Classify the different organs of governments, their organization and working</li> <li>3. Evaluate the Politics in developing countries and analyze the Dependency Theory</li> <li>4. Enhance Democratic Awareness and Research Orientation which will open avenues in journalism, Electoral politics, Policy Analysis as well as help them in competitive Exams.</li> </ol>
18.	POLSCM 204	International Relations – II	<ol style="list-style-type: none"> <li>1. Understand the meaning of Foreign Policy , its approaches and determinants</li> <li>2. Describe the trends and issues of the foreign policies of US, China and Russia</li> </ol>

			<ol style="list-style-type: none"> <li>3. Examine the key issues in International Relations</li> <li>4. Inculcate conflicts Resolution and Decision making Skill which will be helpful in competitive Exams as well as help students develop careers as Military and Intelligence Affairs Experts, Strategic Affairs Analyst, Human Rights Activist and Journalists.</li> </ol>
19.	POLSCM 301	Indian Political System – I	<ol style="list-style-type: none"> <li>1. Discover the historical background of the National Movement, Salient Features of the Constitution and explain Fundamental Rights and Directive Principles of State Policy</li> <li>2. Examine the role, position and powers of the President, Prime Minister and Council of Ministers</li> <li>3. Assess the various Statutory Institutions and Commissions in India</li> <li>4. This paper gives a cutting- edge in Competitive Exams, Creates awareness about the Country's Political system as well as open career options in Active Politics, Journalism, Teaching, Poll Analysis and Political Campaigning.</li> </ol>
20.	POLSCM 302	Political Ideologies And Concepts – I	<ol style="list-style-type: none"> <li>1. Examine various Political Ideologies.</li> <li>2. Understand the Concepts of Equality, Rights and Justice with special reference to Rawl's theory of Justice</li> <li>3. Analyze the Concept of Democracy, its theories and models and the Concepts of Power, Hegemony and Legitimacy</li> <li>4. This paper will in Inculcate in students intellectual interdependence, Socialization, Participation and Decision Making Skills. It will give students a cutting-edge in Competitive Exams and help them contribute as members of thinks Tanks and Research Bodies.</li> </ol>
21.	POLSCM 303	Indian Foreign Policy – I	<ol style="list-style-type: none"> <li>1. Discover the theoretical aspects of Indian Foreign Policy</li> <li>2. Evaluate India's relationship with the Global Centres of Power.</li> <li>3. Assess India's relation with South Asia.</li> <li>4. Inculcate conflicts Resolution and Decision making Skill which will be</li> </ol>

			helpful in competitive Exams as well as help students develop careers as Military and Intelligence Affairs Experts, Strategic Affairs Analyst, Human Rights Activist and Journalists.
22.	POLSCM 304	Representative Political Thinkers - I	<ol style="list-style-type: none"> <li>1. Examine the ideas of Greek political thinkers.</li> <li>2. Enumerate the philosophies of medieval political thinkers</li> <li>3. Evaluate the ideas of contractual thinkers.</li> <li>4. This paper is designed in a way that it helps in building an analytical bent of mind which will be an advantage to students in competitive Exams. It will help students develop intellectual interdependence contribute as facilitators and influencers.</li> </ol>
23.	POLSCM 305(A)	Research Methodology– I	<ol style="list-style-type: none"> <li>1. Understand the meaning, types, significance and criteria of a good research</li> <li>2. Deduce research design, explain sampling process and classify methods of data collection</li> <li>3. Analyze the methods of data analysis, evaluate measures of central tendency and assess techniques of report writing</li> <li>4. Analyse and evaluate different methods of data analysis which will give them a cutting – edge in various Competitive Exams.</li> </ol>
24.	POLSCM 305 (B)	Theory And Practice Of Diplomacy	<ol style="list-style-type: none"> <li>1. Understand various theories and concepts of Diplomacy</li> <li>2. Evaluate various dimensions of Diplomacy.</li> <li>3. Understand Contemporary trends in Diplomacy.</li> <li>4. This paper will help students develop careers as Institutional Strategists, Foreign Policy Analyst, Military and Intelligence Affairs Experts, Strategic Affairs Analyst Human Rights Activists and Journalists and will also assist students preparing for Competitive Exams.</li> </ol>
25.	POLSCM 401	Indian Political System – II	<ol style="list-style-type: none"> <li>1. Understand the working , organization and powers of organs of government</li> <li>2. Evaluate the role and position of the Governor and Chief Minister and</li> </ol>



			<p>assess the nature of federal structure in India with threats to Indian federalism</p> <ol style="list-style-type: none"> <li>Analyze the determinants of Indian Political System</li> <li>This paper gives a cutting- edge in Competitive Exams, Creates awareness about the Country's Political system as well as open career options in Active Politics, Journalism, Teaching, Poll Analysis and Political Campaigning.</li> </ol>
26.	POLSCM 402	Political Ideologies And Concepts – II	<ol style="list-style-type: none"> <li>Evaluate the significance of State and the Rise of Modern Nation State</li> <li>Explain the concept of Citizenship, Civil Society and Identity</li> <li>Assess the meaning of Political Culture, Socialization, Modernization, Economy and Participation</li> <li>This paper will inculcate in students intellectual interdependence, Socialization, Participation and Decision Making Skills. It will give students a cutting-edge in Competitive Exams and help them contribute as members of think Tanks and Research Bodies</li> </ol>
27.	POLSCM 403	Indian Foreign Policy – II	<ol style="list-style-type: none"> <li>Examine how India interacts with Global Regions and Institutions</li> <li>Evaluate India's Nuclear Doctrine and assess India's relations with the Global South.</li> <li>Critically analyze recent developments in Indian Foreign Policy.</li> <li>Inculcate conflicts Resolution and Decision making Skill which will be helpful in competitive Exams as well as help students develop careers as Military and Intelligence Affairs Experts, Strategic Affairs Analyst, Human Rights Activist and Journalists.</li> </ol>
28.	POLSCM 404	Representative Political Thinkers - II	<ol style="list-style-type: none"> <li>Evaluate the main features of utilitarianism and the philosophy of Jeremy Bentham, J.S Mill and Hegel.</li> <li>Examine the Ideas of Karl Marx and Mao Tse Tung</li> <li>Understand the philosophy of Gramsci and Hannah Ardent.</li> <li>This paper is designed in a way that it helps in building an analytical</li> </ol>

			bent of mind which will be an advantage to students in competitive Exams. It will help students develop intellectual interdependence contribute as facilitators and influencers.
29.	POLSCM 405(A)	Dissertation	<ol style="list-style-type: none"> <li>1. Conduct cutting-edge researches.</li> <li>2. Provide suggestions for the future of humanity, based on high-level academic foundations and vision</li> <li>3. Conduct researches that contribute to the development of human resources which can play a leading and core role in society.</li> <li>4. Analyse and evaluate different methods of data analysis which will give them a cutting – edge in various Competitive Exams.</li> </ol>
30.	POLSCM 405(B)	Local Self Government In India	<ol style="list-style-type: none"> <li>1. Understand the Evolution of Local Self Government in India.</li> <li>2. Explain various concepts related to the study of Local Self Governance.</li> <li>3. Evaluate the Trends and Problems of Local Self Government in India</li> <li>4. Enhance Critical Thinking and Managerial Skills, so that students can contributor as Administrators and Rural Development Experts.</li> </ol>

## DEPARTMENT OF PSYCHOLOGY

### Program Specific Outcomes:

**On successful completion of B.A with Psychology, the students will be able-**

1. To understand the fundamental concepts in the discipline of Psychology.
2. To evaluate the multiple socio-cultural aspects of human behaviour.
3. To evolve a greater awareness of self and social well being and integrate the knowledge of Psychology into their lives.
4. To spread awareness about psychological health and its importance in the present scenario.
5. To develop a spirit of inquiry through psychological tests and experiments.

S. No.	Course Code	Course Title	Course Outcome
<b>B.A./ECO HONS/ENG HONS</b>			
1.	PSY – 301	Statistics In Psychology –I	<ol style="list-style-type: none"> <li>1. Point out the meaning and purpose of statistics in Psychology.</li> <li>2. Measure types of central tendency and variability.</li> <li>3. Evaluate scales of measurement and NPC</li> </ol>
2.	PSY – 302	Psychological Assessment	<ol style="list-style-type: none"> <li>1. Summarize the concept of Psychological assessment and their related principles.</li> </ol>

			<ol style="list-style-type: none"> <li>Evaluate various psychological assessment techniques.</li> <li>Inspect the application of Psychological testing in various settings.</li> </ol>
3.	PSY- 303	Practical	<ol style="list-style-type: none"> <li>Construct a psychological test.</li> <li>Interpret personality with the help of 16 Personality Factors.</li> </ol>
4.	PSY – 401	Statistics In Psychology- II	<ol style="list-style-type: none"> <li>Compare different types of correlation methods.</li> <li>Evaluate the concept of inferential statistics.</li> <li>Assess non-parametric tests and SPSS</li> <li>Acquire job opportunities in the field of behavioural research</li> </ol>
5.	PSY- 402:	Research Methodology	<ol style="list-style-type: none"> <li>Appraise Psychological Research.</li> <li>Critique different types of Research.</li> <li>Construct experimental designs used in Behavioural Sciences.</li> </ol>
6.	PSY – 403	Practical	<ol style="list-style-type: none"> <li>Analyze a published research study</li> <li>Plan an assignment / activity related to Psychological testing.</li> <li>Critique psychologically relevant literary text.</li> </ol>
7.	PSY – 501	Abnormal Psychology - I	<ol style="list-style-type: none"> <li>Reinterpret the concept of normality and abnormality in one's daily life.</li> <li>Distinguish between the different models of psychopathology.</li> <li>Assess anxiety and mood disorders with the help of case studies.</li> <li>Acquire knowledge in the field of Clinical Psychology.</li> </ol>
8.	PSY–502 (A)	Organizational Behavior-I	<ol style="list-style-type: none"> <li>Examine the meaning of organizational behavior and its approaches.</li> <li>Evaluate the concept of organizational culture and job satisfaction.</li> <li>Assess the importance of motivation and MBO technique in an organization.</li> <li>Acquire knowledge in the field of organizational setting.</li> </ol>
9.	PSY – 502 (B)	Counselling Psychology-I	<ol style="list-style-type: none"> <li>Understand the meaning and process of Counseling.</li> <li>Appraise the process of communication in Psychotherapy and Counseling.</li> </ol>

			3. Assess the Cognitive, Behavioral and Affective skills of Counseling in different areas.
10	PSY– 503	Practical	<ol style="list-style-type: none"> <li>1. Prepare a case study</li> <li>2. Facilitate practical knowledge or exposure through field visits and internships</li> <li>3. Propose a research study</li> </ol>
11	PSY – 601	Abnormal Psychology - II	<ol style="list-style-type: none"> <li>1. Illustrate Schizophrenia and Substance related disorders.</li> <li>2. Summarize various Personality Disorders.</li> <li>3. Distinguish among various Childhood Disorder</li> <li>4. Achieve knowledge in the field of Clinical Psychology.</li> </ol>
12	PSY – 602 (A)	Organizational Behavior-II	<ol style="list-style-type: none"> <li>1. Explain the effect of employee training and leadership in an organization.</li> <li>2. Identify the different approaches leading to organizational change and development.</li> <li>3. Inspect the process of conflict, negotiation and work stress.</li> </ol>
13	PSY – 602 (B)	Counselling Psychology-II	<ol style="list-style-type: none"> <li>1. Enumerate the issues faced by the counselor.</li> <li>2. Examine the strategies and techniques of counseling</li> <li>3. Appraise the applicability of counseling in today's era.</li> </ol>

### M.A.Psychology

14	PSYM-101	Systems and Theories of Personality	<ol style="list-style-type: none"> <li>1. Summarize and interpret the psychodynamic theories of personality</li> <li>2. Discuss the significance of personality theories and constructs.</li> <li>3. Analyze personality related processes that underlie individual differences in behavior.</li> </ol>
15	PSYM-102	Cognitive Psychology- I	<ol style="list-style-type: none"> <li>1. Understand the historical development of Cognitive Psychology</li> <li>2. Explain the organization of basic cognitive functions with respect to perception, emotion and cognition.</li> <li>3. Discuss the relevance of higher cognitive processes for understanding human behavior.</li> </ol>
16	PSYM-103	Neuro-Psychology- I	<ol style="list-style-type: none"> <li>1. Understand the foundations of Neuro Psychology</li> <li>2. Explain the neuropsychological basis of attention and perception.</li> <li>3. Discuss the neuropsychological basis of memory, sleeping and waking.</li> </ol>

17	PSYM-104	Basic Research Methods and Statistics	<ol style="list-style-type: none"> <li>1. Understand the meaning,nature and other related concepts to research</li> <li>2. Enumerate various sources and techniques of data collection</li> <li>3. Inspect the application of qualitative and quantitative analysis in behavioural sciences</li> </ol>
18	PSYM-105	Practical's	<ol style="list-style-type: none"> <li>1. Conduct and administer psychological experiments and tests.</li> <li>2. Apply different research designs to plan research proposal</li> <li>3. Sensitize students to understand the concerns related to special population.</li> </ol>
19	PSYM-201	Applied Social Psychology	<ol style="list-style-type: none"> <li>1. Examine the concept of social behavior and interpersonal approaches.</li> <li>2. Explain the concept of communication and sensitize towards social issues</li> <li>3. Assess the concerns raised by population problems and environmental issues.</li> </ol>
20	PSYM-202	Cognitive Psychology- II	<ol style="list-style-type: none"> <li>1. Understand the basic concepts in the field of Psycholinguistics</li> <li>2. Inspect the concept of creativity and intelligence.</li> <li>3. Evaluate the theories and prespective of decision making and reasoning.</li> </ol>
21	PSYM-203	Neuro-Psychology – II	<ol style="list-style-type: none"> <li>1. Understand components of language and neuropsychological correlates of emotion and motivation.</li> <li>2. Illustrate the effect of hormones on behavior, learning and memory</li> <li>3. Evaluate neural developmental disorder and theoretical approaches to rehabilitation.</li> </ol>
22	PSYM-204	Developmental Psychology	<ol style="list-style-type: none"> <li>1. Understand the basic concepts and contexts of human development.</li> <li>2. Evaluate the prespective of cognitive, behavioural and moral development</li> <li>3. Assess the aspects of emotional development and successful aging.</li> </ol>
23	PSYM-205	Practicals	<ol style="list-style-type: none"> <li>1. Conduct, administer and interpret psychological experiments</li> <li>2. Conduct, administer and interpret psychological tests</li> <li>3. Analyze a published research article /paper/study.</li> </ol>
24	PSYM 301	Applications of Psychology-I	<ol style="list-style-type: none"> <li>1. Understand the relationship between human behaviour and Environment</li> <li>2. Assess the importance of health in the present times</li> <li>3. Evalvate and inspect the beliefs and attitudes with respect to Health.</li> </ol>

25	PSYM 302	Positive Psychology	<ol style="list-style-type: none"> <li>1. Explore the historical, cultural, and recent trends in which the field of Positive Psychology</li> <li>2. Critically analyze the potential pathways to well-being through experiential learning.</li> <li>3. Engage in a proactive and thoughtful process of self - examination with regard to life enhancement strategies.</li> </ol>
26	PSYM 303 (A)	Psychopathology	<ol style="list-style-type: none"> <li>1. Understand the meaning, models and diagnostic classification related to Psychopathology</li> <li>2. Able to understand the clinical picture of major Psychological Disorders</li> <li>3. Explore career opportunities as mental health professionals</li> </ol>
27	PSYM 303 (B)	Organizational Behaviour	<ol style="list-style-type: none"> <li>1. Assess the organizational Behaviour and processes in Indian Context.</li> <li>2. Inspect the role of societal culture in an organization.</li> <li>3. Evaluate the concept, process and resistance to organizational change.</li> </ol>
28	PSYM 304(A)	Counselling Skills and Practice-I	<ol style="list-style-type: none"> <li>1. Understand the meaning, historical background and ethical issues in Counselling</li> <li>2. Appraise the approaches and process of counselling.</li> <li>3. Examine the applications of counselling skills in different settings</li> </ol>
29	PSYM 304(B)	Advanced Research Methods and Statistics	<ol style="list-style-type: none"> <li>1. Understand and interpret the importance of Inferential Statistics in Behavioural Science.</li> <li>2. Examine the application of correlation and regression methods of data analysis</li> <li>3. Data analysis with the help Factor analysis.</li> </ol>
30	PSYM 305	Practicals	<ol style="list-style-type: none"> <li>1. Integrate their theoretical and practical knowledge for better understanding.</li> <li>2. Illustrate the process of counselling children and adolescents.</li> <li>3. Examine the nature and meaning of counselling in the present times.</li> </ol>
31	PSYM 401	Applications of Psychology II	<ol style="list-style-type: none"> <li>1. Examine the application of Psychology in the field of Sports and Gender</li> <li>2. Inspect the importance of Peace Psychology and technology Interface</li> <li>3. Assess the elements related to community mental health and rehabilitation in the present times</li> </ol>
32	PSYM 402	Indigenous Psychology	<ol style="list-style-type: none"> <li>1. Understand the meaning, relevance, historical development of Indigenous Psychology</li> </ol>

			<ol style="list-style-type: none"> <li>2. Examine the notions of different schools of Indian Philosophy</li> <li>3. Assess the importance of Yog and Meditation in improving overall well being</li> </ol>
33	PSYM 403 (A)	Clinical Psychology	<ol style="list-style-type: none"> <li>1. Examine the objectives, types, ethical issues related to Psychotherapies</li> <li>2. Evaluate the elements related to Behaviour and cognitive behavioural therapies</li> <li>3. Inspect the effectiveness of Client Centered, Existential, Gestalt and Indegenious therapies</li> </ol>
34	PSYM 403 (B)	Industrial Psychology	<ol style="list-style-type: none"> <li>1. Understand the principles, development, techniques related to Industrial Psychology.</li> <li>2. Summarize the impact of training, development, motivation on job productivity of employees.</li> <li>3. Analyze the application of motivation theory at work place.</li> </ol>
35	PSYM 404(A)	Counselling Skills And Practices - II	<ol style="list-style-type: none"> <li>1. Understand and examine the Psychology of Disability.</li> <li>2. Illustrate the process of counselling children and adolescents.</li> <li>3. Examine the nature and meaning of counselling in the present times.</li> </ol>
36	PSYM 404(B)	Dissertation	<ol style="list-style-type: none"> <li>1. Apply the knowledge of quantitative techniques to analyze data through field surveys by constructing questionnaires.</li> <li>2. Develop research aptitude and formulate an intensive micro level dissertation work.</li> <li>3. Hone &amp; develop employability related skills for holistic development.</li> </ol>
37	PSYM 405	Practicals	<ol style="list-style-type: none"> <li>1. Conduct and administer psychological tests.</li> <li>2. Integrate their theoretical &amp; practical knowledge for better understanding</li> <li>3. Sensitize students to understand the concerns related to special population.</li> </ol>

## DEPARTMENT OF SOCIOLOGY

### Program Specific Outcomes:

**On successful completion of B.A with Sociology, the students will be able-**

1. To acquire a sense of ethical and social responsibility and develop the right perception towards human society.
2. To motivate themselves to work in the fields of Social Work, Rural development and social welfare.
3. To acquaint themselves with the basic principles of Sociology like society, community, institution and association.

4. To build a conceptual understanding of Social Anthropology to enable students to think critically about societal issues.

5. To obtain a scientific temper to develop research aptitude.

S. No.	Course Code	Course Title	Course Outcome
<b>B.A./ECO HONS/ENG HONS</b>			
1.	SOC-301	Social Research Methods-I	<ol style="list-style-type: none"> <li>1. Develop the habit of scrutinizing social assumptions and beliefs in the light of scientific evidence</li> <li>2. Develop a better understanding of the nature of social phenomena and discuss and infer to the scientific methods involved in social research.</li> <li>3. Differentiate between value neutrality and subjectivity and to classify, explain as well as construct hypothesis &amp; utilized various tools for data collection.</li> <li>4. Build competency and academic excellence for competitive exams.</li> <li>5. Hone and develop employability related skills for holistic development.</li> </ol>
2.	SOC-302	Social Problems in India-I	<ol style="list-style-type: none"> <li>1. Create an awareness of the process of change and development with reference to Indian society.</li> <li>2. Develop sensitization towards social issues related to nation building process</li> <li>3. Summarize all forms of Crime and discuss its classification</li> <li>4. Build competency and academic excellence for competitive exams.</li> <li>5. Hone and develop employability related skills for holistic development.</li> </ol>
3.	SOC-401	Social Research Methods-II	<ol style="list-style-type: none"> <li>1. Acquire skills to conduct a social survey.</li> <li>2. Analyze the various types of data.</li> <li>3. Understand &amp; describe sampling process &amp; data processing and calculate the measures of central tendencies.</li> <li>4. Build competency and academic excellence for competitive exams.</li> <li>5. Hone and develop employability related skills for holistic development.</li> </ol>
4.	SOC-402	Social Problems in India- II	<ol style="list-style-type: none"> <li>1. Identify various forms of violence against women</li> <li>2. Discuss population related problems and describe youth and ageing problems too</li> <li>3. Examine issues related to the security and integrity of a nation like terrorism etc.</li> </ol>
5.	SOC-501	Masters of Sociological Thought- I	<ol style="list-style-type: none"> <li>1. Develop theoretical insights to know, analyze and interpret the social scenario around them</li> <li>2. Get familiarized them with the different sociological perspectives and theories.</li> <li>3. Critically analyze writings of these thinkers.</li> <li>4. Build competency and academic excellence for competitive exams.</li> </ol>



			5. Hone and develop employability related skills for holistic development.
6.	SOC-502 (A)	Social Anthropology - I	4. Focus on those segments which have on the margins of society and which have not received, until recently, adequate scholarly attention. 5. Develop an understanding of the various tribal institutions. 6. Study the tribal society and understand their problems like poverty, deprivation and discrimination over a long period of duration. 7. Hone and develop employability related skills for holistic development.
7.	SOC-502 (B)	Society and Culture of Rajasthan-I	8. Recognize and understand the various cultural multiplicity of Rajasthan 9. Get acquainted with the literature of Rajasthan, its diverse dialects. 10. Distinguish the Rajasthani styles of paintings. 11. Build competency and academic excellence for competitive exams. 12. Hone and develop employability related skills for holistic development.
8.	SOC-601	Masters of Sociological Thought-II	1. Develop theoretical insights to know, analyze and interpret the social scenario around them 2. Get familiarized them with the different sociological perspectives and theories. 3. Critically analyze writings of these thinkers. 4. Build competency and academic excellence for competitive exams. 5. Hone and develop employability related skills for holistic development.
9.	SOC-602 (A)	Social Anthropology-II	1. Correlate social anthropology with other social sciences. 2. Understand functions of institutions like religion & magic in tribal societies 3. Evaluate the various policies & reforms done for the betterment of the tribes. 4. Hone and develop employability related skills for holistic development.
10.	SOC-602(B)	Society and Culture of Rajasthan-II	1. Recognize and understand the cultural multiplicity of Rajasthan in the folk forms. 2. Get acquainted with the literature of Rajasthan, its continuity and changes. 3. Understand the significance of folk gods and goddesses and the various religious sects. 4. Build competency and academic excellence for competitive exams. 5. Hone and develop employability related skills for holistic development

### M.A.Sociology

1.	SOCM-101	Sociological Theory	1. Understand the theoretical perspectives of Sociology on which edifice of modern sociological theories are established
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			<ol style="list-style-type: none"> <li>2. Develop the analytical abilities &amp; interpret the social scenario around them.</li> <li>3. Develop research orientation with the understanding of major theoretical approaches</li> <li>4. Build competency and academic excellence for competitive exams.</li> <li>5. Hone and develop employability related skills for holistic development.</li> </ol>
2.	SOCM – 102	Research Methodology	<ol style="list-style-type: none"> <li>1. Discuss and infer to the scientific methods involved in a social research.</li> <li>2. Differentiate between value neutrality and subjectivity. Students would be able to relate different types of social research designs.</li> <li>3. Classify, explain as well as construct hypothesis. They'd be able to conduct a social research theoretically.</li> <li>4. Hone and develop employability related skills for holistic development</li> </ol>
3.	SOCM – 103	Indian Society	<ol style="list-style-type: none"> <li>1. Impart sociological skills to reconstruct rural institution and rural development programmes.</li> <li>2. Plan, monitor and evaluate rural development programmes.</li> <li>3. Have a sociological understanding of rural social structure, change and development in India.</li> </ol>
4.	SOCM – 104	Rural Sociology	<ol style="list-style-type: none"> <li>1. Get acquainted with a basic understanding of rural society in India</li> <li>2. Learn sociological skills to reconstruct rural institution to plan, monitor and evaluate rural development programmes.</li> <li>3. Develop sociological understanding of rural social structure, change and development in India.</li> <li>4. Build competency and academic excellence for competitive exams.</li> <li>5. Hone and develop employability related skills for holistic development.</li> </ol>
5.	SOCM – 201	Sociological Theory II	<ol style="list-style-type: none"> <li>1. Understand the theoretical perspectives of Sociology on which edifice of modern sociological theories are established.</li> <li>2. Develop the analytical abilities and interpret the social scenario around them.</li> <li>3. Develop research orientation with the understanding of major theoretical approaches.</li> <li>4. Build competency and academic excellence for competitive exams.</li> <li>5. Hone and develop employability related skills for holistic development.</li> </ol>
6.	SOCM – 202	Social Statistics	<ol style="list-style-type: none"> <li>1. Examine and explain the fundamental concepts of statistics.</li> <li>2. Comprehend introductory notions about qualitative and quantitative researches.</li> <li>3. Get equipped with the knowledge &amp; skills of various statistical tools and their uses.</li> </ol>

			4. Hone and develop employability related skills for holistic development.
7.	SOCM – 203	Indian Societies: Issues and Challenges	<ol style="list-style-type: none"> <li>1. Understand the social policies regarding various sections of the societies.</li> <li>2. Assess the social laws governing in the society and also students to appraise the planning programs in Indian society.</li> <li>3. Analyze and infer to the impacts that these programs have had on the community. They'd learn the concepts and processes of change in Indian society.</li> </ol>
8.	SOCM – 204:	Urban Sociology	<ol style="list-style-type: none"> <li>1. Explore several topics related to urban society like urbanization, cities etc.</li> <li>2. Discuss urban living like gated communities and how urban living affects social interaction</li> <li>3. Understand economic aspects of urban societies like digital economy and business.</li> </ol>
9.	SOCM - 301	Perspectives on Indian Society	<ol style="list-style-type: none"> <li>1. Get acquainted with the varying perspectives in order to understand the Indian society.</li> <li>2. Recognize and comprehend the valuable contributions made by Indian sociologists.</li> <li>3. Apprise the role of village society through a sociological lens</li> <li>4. Build competency and academic excellence for competitive exams.</li> </ol>
10.	SOCM-302	Marriage Family and Kinship	<ol style="list-style-type: none"> <li>1. Understand and discuss the diverse perspectives related to family as an institution</li> <li>2. Establish relationship between gender and power, sex and reproduction and role of segments of the population.</li> <li>3. Analyze the changing functions of care and support along with the notions of inheritance, succession.</li> <li>4. Build competency and academic excellence for competitive exams.</li> </ol>
11.	SOCM-303 :	Symbolic Transformations and Way of life	<ol style="list-style-type: none"> <li>1. Understand the diverse nature and role of culture in different arenas and the vitality of cultural traits in different institutions</li> <li>2. Understand the changing aspects of religion, its expansion and developing relationship with institutions like economy, tourism etc.</li> <li>3. Develop an exposure to the ongoing changes in the field of art, culture and religious aspects.</li> </ol>
12.	SOCM-304	Social Movements in India	<ol style="list-style-type: none"> <li>1. Comprehend and distinguish the various social movements based on various parameters like gender, religion, region etc.</li> <li>2. Analyze and discuss the roles of pressure groups, emerging role of civil societies and political disturbances and their impact on the societal framework</li> <li>3. Elaborately discuss the functioning of political organizations, NGOs, role of reservation in improving the conditions of the citizens and a tool for political polarization</li> </ol>

			4. Build competency and academic excellence for competitive exams.
13.	SOCM - 305 (A) :	Environment and Society	<ol style="list-style-type: none"> <li>1. Develop an overall understanding of the changing patterns and the impacts a society experiences within the ambit of its environment.</li> <li>2. Focus and get sensitized towards the challenges faced by specific genders. It also tries to touch upon the exclusion and deprivation faced by the 'Adivasis'.</li> <li>3. Further probe the deeper impacts of environmental pollution and how it is going to turn a functioning society into a risk society.</li> <li>4. Build competency and academic excellence for competitive exams.</li> </ol>
14.	SOCM-305 (B) :	Industrial Sociology	<ol style="list-style-type: none"> <li>1. Delve into the realms of industry and its sociological understanding.</li> <li>2. Get acquainted with the history and basics of industrial sociology and what importance does it hold in developing societies.</li> <li>3. Develop a comprehension towards work and leisure. The role of incentives on productivity within the lines of industrial development and its significance.</li> </ol>
15.	SOCM-401 :	Political Processes in India	<ol style="list-style-type: none"> <li>1. Apprise the basics of political sociology by focusing on concepts like country, nation, governance and its related structures like bureaucracy etc.</li> <li>2. Understand the various vital policies like health, education etc. and their reach to the citizens. It also encompasses extension of political democracy at the grass root level.</li> <li>3. Examine the role of gender in society and laws that govern the society. They would also acquire knowledge about various roles of international organizations</li> <li>4. Build competency and academic excellence for competitive exams.</li> </ol>
16.	SOCM-402 :	Economy and Society	<ol style="list-style-type: none"> <li>1. Comprehend and explain the relationship between society and economic institutions</li> <li>2. Understand various models of economic development. The students would be able to critically analyze various systems</li> <li>3. Understand changing patterns of gender and labour, tourism etc.</li> <li>4. Build competency and academic excellence for competitive exams.</li> </ol>
17.	SOCM-403 :	Science Technology and Society	<ol style="list-style-type: none"> <li>1. Relate the upcoming dimensions of sociology of science. They would be able to describe the timeline of history of science in a sociological perspective.</li> <li>2. Categorize the various platforms of science and media. They would also be able to critically analyze the state policies</li> </ol>

			<ol style="list-style-type: none"> <li>3. Develop an understanding of increasing dependence of science in society in several institutions</li> <li>4. Build competency and academic excellence for competitive exams.</li> </ol>
18.	SOCM – 404 :	Development of Indian Sociological Thought	<ol style="list-style-type: none"> <li>1. Get acquainted with the varying perspectives in order to understand the Indian society</li> <li>2. Recognize and comprehend the valuable contributions made by Indian sociologists.</li> <li>3. Analyze the debate regarding Indian Sociology and Sociology in India</li> <li>4. Build competency and academic excellence for competitive exams.</li> </ol>
19.	SOCM – 405 (A) :	Dissertation	<ol style="list-style-type: none"> <li>1. Get equipped with improved analytical and cognitive abilities</li> <li>2. Get acquainted with the academic writing</li> <li>3. Enhance their subject knowledge and research skills</li> <li>4. Hone and develop employability related skills for holistic development.</li> </ol>
20.	SOCM – 405 (B) :	Introduction to Criminology	<ol style="list-style-type: none"> <li>1. Relate to various the concepts of crime and classify them</li> <li>2. Critically analyze various theories of crime and underlying perspectives in order to compare and contrast these perspectives.</li> <li>3. Develop insights into the correctional measures of crime and rehabilitation</li> <li>4. Build competency and academic excellence for competitive exams.</li> </ol>

## FACULTY OF COMMERCE

### Program outcomes:

<b>1</b>	<b>B.Com.</b>	<p><b>The Bachelor of Commerce Program is designed to achieve the following outcomes-</b></p> <ol style="list-style-type: none"> <li>1. To make decisions at a personal and professional level.</li> <li>2. To meet the requirements as well trained professionals in Industries, Banking Sectors, Asset Management Companies Insurance Companies, Financing companies, Transport Agencies, Warehousing, etc.</li> <li>3. To acquire the knowledge, skill in different areas of communication, decision making, innovations and problem-solving in day-to-day business activities.</li> <li>4. To independently start up their business.</li> <li>5. To get thorough knowledge of Finance and Commerce.</li> <li>6. To acquire the knowledge of different specializations in Accounting, Costing, Banking and Finance with practical exposure in organizations.</li> <li>7. To get skills regarding various careers like Finance Manager, Marketing Manager, and Sales Manager and overall Administration abilities of the Company.</li> </ol>
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2	<b>B.Com (Hons.)</b>	<p><b>B.Com Hons. Program is designed to achieve the following outcomes-</b></p> <ol style="list-style-type: none"> <li>1. To develop an understanding of various commerce functions such as finance, accounting, financial analysis and cost accounting.</li> <li>2. To give exposure of complex commerce problems and finding their solutions.</li> <li>3. To process information by effective use of Income Tax tools.</li> <li>4. To understand required mathematical, analytical and statistical tools for financial and accounting analysis.</li> <li>5. To develop self-confidence and awareness of general issues prevailing in the industry.</li> <li>6. To seek professional and higher studies like CA, CS, CMA, etc.</li> <li>7. To comprehend the latest developments in the modern-day economic scenario.</li> </ol>
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### Program Specific Outcomes:

1.	<b>Accounts and Finance</b>	<p><b>On the successful completion of B.Com with Accounts and Finance, the students will be able-</b></p> <ol style="list-style-type: none"> <li>1. To provide adequate knowledge and understanding about Accounting and Finance subjects to the students.</li> <li>2. To acquire adequate exposure to the operational environment in the field of Accounting and Finance.</li> <li>3. To exploit opportunities being newly created in the Accounting and Finance field.</li> <li>4. To acquire skills to work as tax consultants, audit assistants and other financial supporting services.</li> <li>5. To pursue professional courses such as CA, CMA, ICWA, CS, etc.</li> <li>6. To perform all accounting activities and handle various types of business very well.</li> <li>7. To be exposed to the practical aspects of direct and indirect tax.</li> </ol>
2.	<b>Business Administration</b>	<p><b>On the successful completion of B.Com with Business Administration, the students will be able-</b></p> <ol style="list-style-type: none"> <li>1. To understand the conceptual framework of Business Law and Corporate Laws in India.</li> <li>2. To imbibe the requisite domain knowledge, skills and right attitude necessary to provide effective leadership in a global environment.</li> <li>3. To inculcate proactive thinking to ensure effective performance in the dynamic socio-economic and business ecosystem.</li> <li>4. To demonstrate the ability to evolve strategies for organizational benefits.</li> <li>5. To analyze and interpret data that is used in Decision Making.</li> <li>6. To understand the ecosystem of a start-up in the country.</li> <li>7. To demonstrate the ability to create business plans.</li> </ol>
3.	<b>Banking &amp; Financial Management</b>	<p><b>On the successful completion of B.Com with Banking &amp; Financial Management, the students will be able-</b></p> <ol style="list-style-type: none"> <li>1. To summarize the entire financial system of India.</li> </ol>

		<ol style="list-style-type: none"> <li>2. To understand the conceptual framework and working of international monetary and financial institutions.</li> <li>3. To correlate emerging issues in business at the national and international level.</li> <li>4. To apply principles of economics in business.</li> <li>5. To understand the conceptual framework of Financial Management.</li> <li>6. To know the functions of banks, and system of banking law practiced in India.</li> <li>7. To understand concepts of project planning, tools and techniques of budgetary control.</li> </ol>
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S. No.	Course Code	Course Title	Course Outcome
<b>B.Com.</b>			
1.	COM-301	Corporate Accounting-I	<ol style="list-style-type: none"> <li>1. Develop awareness about corporate accounting in conformity with the provisions of companies Act.</li> <li>2. Impart basic accounting knowledge as applicable to business.</li> <li>3. Analyze quantitative information for issue of shares and debentures, forfeiture, buyback, redemption of shares and debentures.</li> <li>4. Interpret the concept of internal reconstruction and amalgamation of companies</li> <li>5. Develop the ability to assist an accountant.</li> </ol>
2.	COM-302	Financial Accounting	<ol style="list-style-type: none"> <li>1. Understand application of accounting knowledge in special business activities.</li> <li>2. Prepare final accounts of departments and to develop knowledge about branch accounting.</li> <li>3. Understand accounting issues for investment and stock market transactions, also develop skills of recording transactions relating to hire purchase system.</li> <li>4. Understand issues in computation of insurance claims and acquire skills for computerized accounting.</li> <li>5. Develop the ability to assist an accountant.</li> </ol>
3.	COM-303	Company Law-I	<ol style="list-style-type: none"> <li>1. Interpret the legislative framework relating to company as per Companies Act 2013.</li> <li>2. Categorize the various types of companies.</li> <li>3. Summarize the issue of capital.</li> <li>4. Prepare the various documents relating to formation of company.</li> <li>5. Simulate knowledge to work as Assistant to legal advisor.</li> </ol>
4.	COM-304	Fundamentals of Entrepreneurship-I	<ol style="list-style-type: none"> <li>1. Identify the opportunities for business and develop a business plan.</li> <li>2. Analyse the legal requirements and resources for establishing a business unit.</li> </ol>

			<ol style="list-style-type: none"> <li>Evaluate the role of an entrepreneur in commerce industries.</li> <li>Articulate various entrepreneurial skills.</li> </ol>
5.	COM-305	Financial Management	<ol style="list-style-type: none"> <li>Develop the understanding of financial analysis techniques in order to determine profitability &amp; liquidity</li> <li>Review the conceptual framework of management of working capital &amp; inventory</li> <li>Calculate the cost of capital raised from different sources</li> <li>Evaluate the different sources of finance</li> <li>Develop the skill of analyzing financial statements.</li> </ol>
6.	COM-306	Banking law in India	<ol style="list-style-type: none"> <li>Explain Banking Regulation Act 1949, RBI Act 1934</li> <li>Point out relationship between banker &amp; customer &amp; to enumerate types of customer &amp; and accounts</li> <li>Differentiate between types of negotiable instrument</li> <li>Summarize functions of paying &amp; collecting bank</li> </ol>
7.	COM-401	Corporate Accounting-II	<ol style="list-style-type: none"> <li>Develop an awareness about corporate accounting in conformity with the provisions of companies Act.</li> <li>Analyze quantitative information for final accounts of companies and disposal of profit</li> <li>Appraise concepts consolidated financial statement.</li> <li>Impart basic accounting knowledge as applicable to liquidation of companies.</li> <li>Develop the ability to assist an accountant.</li> </ol>
8.	COM-402	Cost Analysis and Decision Making	<ol style="list-style-type: none"> <li>Understand the application of costing techniques for decision making by the management.</li> <li>Acquire skills for application of marginal and absorption costing techniques and balanced score card.</li> <li>Prepare different types of budgets and comprehend their utility.</li> <li>Recognise the use of variance analysis for cost and sales management.</li> <li>Develop the ability to assist a manager</li> </ol>
9.	COM-403	Company Law-II	<ol style="list-style-type: none"> <li>Categorize the various kinds of Debentures and Meetings</li> <li>Compose the Management of Company.</li> <li>Examine the modes of Winding Up</li> <li>Simulate knowledge to work as Assistant to legal advisor.</li> </ol>
10.	COM-404	Fundamentals of Entrepreneurship-II	<ol style="list-style-type: none"> <li>Understand entrepreneurial behaviour &amp; his social responsibilities.</li> <li>Analyse the Role of Entrepreneur in socio economic growth.</li> </ol>



			<ol style="list-style-type: none"> <li>3. Examine the functions of entrepreneurial development programme.</li> <li>4. Articulate various entrepreneurial skills.</li> </ol>
11.	COM-405	Financial Analysis	<ol style="list-style-type: none"> <li>1. Develop the understanding of fund flow &amp; cash flow analysis</li> <li>2. Assess the optimum capital structure</li> <li>3. Propose a suitable dividend policy</li> <li>4. Summarize the conceptual framework of financial management</li> <li>5. Develop the skill to assist a finance manager.</li> </ol>
12.	COM-406	Banking Practice in India	<ol style="list-style-type: none"> <li>1. Examine the concepts of cryptocurrency, capital adequacy, Non-Performing Assets</li> <li>2. Evaluate different types of advances banks provide against marketable securities</li> <li>3. Classify types of letter of credit &amp; procedure of opening letter of credit</li> <li>4. Summarize the system of banking practiced in India</li> </ol>
13.	COM-501	Income tax Law-I	<ol style="list-style-type: none"> <li>1. Comprehend the basic principles of the laws governing direct taxes.</li> <li>2. Know about provisions of direct tax with regard to IT Act, 1961 and IT rules, 1962.</li> <li>3. Be familiar about nature and scope of income.</li> <li>4. Understand the provisions and procedure to compute gross total income under different heads of income as prescribed under Income Tax Act 1961.</li> <li>5. Develop the skills to prepare tax return.</li> </ol>
14.	COM-502(A)	Investment Management	<ol style="list-style-type: none"> <li>1. Understand the basic aspect of investment and its characteristics.</li> <li>2. Develop the skill to compute risk &amp; return of securities.</li> <li>3. Analyse the stock market operation &amp; security markets.</li> <li>4. Understand the role of SEBI in stock market.</li> <li>5. Acquire the necessary skills to analyze equity share.</li> </ol>
15.	COM-502(B)	Auditing	<ol style="list-style-type: none"> <li>1. Understand the knowledge of auditing principles, process and control of audit.</li> <li>2. Develop the skills of preparing audit report.</li> <li>3. Interpret the concept for Vouching and verification of Assets and Liabilities.</li> <li>4. Develop an understanding of audit of companies and NGO.</li> <li>5. Develop the skills of internal financial control</li> </ol>
16.	COM-503	Principles of Marketing-I	<ol style="list-style-type: none"> <li>1. Interpret concept of marketing mix, marketing environment.</li> <li>2. Assess product planning and development, product life cycle.</li> <li>3. Develop an understanding of pricing policies and strategies, channels of distribution.</li> <li>4. Integrate knowledge of various marketing functions and principles.</li> </ol>

			5. Interpret knowledge to work as assistant to marketing manager.
17.	COM-504(A)	Fundamentals of Insurance-I	<ol style="list-style-type: none"> <li>1. Interpret the basic concepts of insurance</li> <li>2. Classify insurance into different categories</li> <li>3. Evaluate the structure &amp; functions of IRDA, LICI &amp; GICI.</li> <li>4. Access employment in Insurance sector as Insurance Advisor/Agent.</li> </ol>
18.	COM-504(B)	Business Communication	<ol style="list-style-type: none"> <li>1. Interpret the concept of Communication and its barriers</li> <li>2. Develop the skills to prepare letters, Resume etc</li> <li>3. Simulate knowledge relating to report writing</li> <li>4. Develop the necessary communication skills relating to business.</li> </ol>
19.	COM-505	1. Project Planning	<ol style="list-style-type: none"> <li>1. Describe project planning &amp; will be able to apply techniques of business forecasting</li> <li>2. Evaluate the project using different project budgeting techniques and understand social cost benefit and shadow pricing</li> <li>3. Assess the break even point &amp; margin of safety</li> <li>4. Summarize feasibility of project</li> <li>5. Develop the ability to appraise the project.</li> </ol>
20.	COM-506(A)	Monetary & Financial System	<ol style="list-style-type: none"> <li>1. Develop an understanding of role &amp; functions of money</li> <li>2. Summarize the entire financial system of India</li> <li>3. Debate on the monetary &amp; fiscal policy of India</li> <li>4. Conclude on working of money &amp; banking system prevailing in India</li> <li>5. Develop the skills to analyze the economic policies.</li> </ol>
21.	COM-506(B)	International Economics - I	<ol style="list-style-type: none"> <li>1. Illustrate the different theories of International Trade</li> <li>2. Interpret the different methods of Protection</li> <li>3. Justify the Different causes for disequilibrium in Balance of Payments</li> <li>4. Extend the entire concept of International trade</li> </ol>
22.	COM-601	Income tax Law-II	<ol style="list-style-type: none"> <li>1. Comprehend the provisions and procedure for clubbing &amp; aggregation of incomes and set off &amp; carry forward of losses.</li> <li>2. Understand the various deductions to be made from gross total income U/s 80-C to 80-U in computing total income.</li> <li>3. Analyze the assessment procedure for individuals, HUF and firm.</li> <li>4. Develop the skills to prepare tax return.</li> </ol>
23.	COM-602(A)	Indirect Taxes	<ol style="list-style-type: none"> <li>1. Understand the concept of Central GST and State GST.</li> <li>2. Analyze the computation procedure of tax and input tax credit.</li> <li>3. Understand the procedure, amendments and cancellation of registration.</li> </ol>

			<ol style="list-style-type: none"> <li>4. Impart basic knowledge of custom duty.</li> <li>5. Develop the skills to become a GST consultant.</li> </ol>
24.	COM-602(B)	Research Methodology	<ol style="list-style-type: none"> <li>1. Interpret the concepts of business research with its significance.</li> <li>2. Appraise the methods of data collection and sampling.</li> <li>3. Assess sample test and prepare a research report.</li> <li>4. Summarise about dynamics of research methodology.</li> <li>5. Develop the skills of data analysis.</li> </ol>
25.	COM-603	Principles of Marketing-II	<ol style="list-style-type: none"> <li>1. Simulate knowledge relating to consumer behaviour, market segmentation and STP.</li> <li>2. Appraise concepts of promotion mix, advertising media's and method of sales promotion.</li> <li>3. Articulate recent developments in marketing with relative merits and demerits.</li> <li>4. Integrate various marketing aspects.</li> <li>5. Interpret knowledge to work as assistant to marketing manager.</li> </ol>
26.	COM-604(A)	Fundamentals of Insurance- II	<ol style="list-style-type: none"> <li>1. Understand pre-requisites for obtaining the license of agent and Conditions of cancellation.</li> <li>2. Analyse the functions of agent.</li> <li>3. Evaluate the types of insurance plans.</li> <li>4. Access employment in Insurance sector as Insurance Advisor/Agent.</li> </ol>
27.	COM-604(B)	E-Commerce	<ol style="list-style-type: none"> <li>1. Evaluate the concept of E-Commerce</li> <li>2. Summaries the E-payment system</li> <li>3. Develop an understanding of On-line Transactions</li> <li>4. Interpret the legislative framework relating to Information Technology Act, 2000</li> </ol>
28.	COM-605	Budgetary Control	<ol style="list-style-type: none"> <li>1. Describe project life cycle &amp; interpret the different types of budgets</li> <li>2. Calculate variances &amp; enumerate qualities, role, responsibilities of manager</li> <li>3. Apply networking techniques PERT / CPM</li> <li>4. Prepare cash , fixed , flexible budget and will be able to point out merits and demerits of project financing</li> </ol>
29.	COM-606(A)	Banking & Financial Institution	<ol style="list-style-type: none"> <li>1. Understand different theories of money</li> <li>2. Appraise the role of international financial institutions</li> <li>3. Determine the problems in allocation of industrial credit</li> <li>4. Summarize the problems faced by large borrowers in raising credit from different financial institutions</li> <li>5. Develop the business managing skills.</li> </ol>
30.	COM-606(B)	International Economics -II	<ol style="list-style-type: none"> <li>1. Ascertain the effect the economic growth on International Trade</li> <li>2. Elaborate Trade Liberalization in India</li> </ol>

			<ol style="list-style-type: none"> <li>3. Extend the role of IMF in increasing international Liquidity</li> <li>4. Summarize the Working of different International Trade Associations</li> </ol>
<b>B.Com.(Hons.)</b>			
31.	COMH-301	Corporate Accounting - I	<ol style="list-style-type: none"> <li>1. Develop an awareness about corporate accounting in conformity with the provisions of Companies Act.</li> <li>2. Impart basic accounting knowledge as applicable to business.</li> <li>3. Analyze quantitative information for issue of shares and debentures, forfeiture, buyback, redemption of shares and debentures.</li> <li>4. Interpret the concept of internal reconstruction and amalgamation of companies.</li> <li>5. Develop the ability to assist an accountant.</li> </ol>
32.	COMH-302	Management Accounting	<ol style="list-style-type: none"> <li>1. Understand about the use of financial, cost and other data for the purpose of managerial planning, control and decision making.</li> <li>2. Analyze the different costs involved in decision making.</li> <li>3. Develop the skills to implement activity based costing.</li> <li>4. Acquire the knowledge of Project report writing.</li> <li>5. Develop the skills to perform task of financial management.</li> </ol>
33.	COMH-303	Auditing & Assurance	<ol style="list-style-type: none"> <li>1. Understand the knowledge of auditing principles, process and control of audit.</li> <li>2. Develop the skills of preparing audit report.</li> <li>3. Interpret the concept for audit of financial statement.</li> <li>4. Develop an understanding of audit of companies, NGO, government audit and forensic audit.</li> <li>5. Develop the skills of internal financial control.</li> </ol>
34.	COMH-304	Advanced Business Statistics	<ol style="list-style-type: none"> <li>1. Interpret the concept of Interpolation and Extrapolation</li> <li>2. Understand the concept and use of probability.</li> <li>3. Acquire the necessary skills to take decision using statistical theory.</li> <li>4. Summarize the use of statistics in Business Problem.</li> <li>5. Get employed as an assistant researcher.</li> </ol>
35.	COMH-305	Company Law-I	<ol style="list-style-type: none"> <li>1. Interpret the legislative framework relating to company as per Companies Act 2013.</li> <li>2. Categorize the various types of companies.</li> <li>3. Summarize the issue of capital.</li> <li>4. Prepare the various documents relating to formation of company.</li> <li>5. Simulate knowledge to work as Assistant to legal advisor.</li> </ol>

36.	COMH-306	Money & Banking	<ol style="list-style-type: none"> <li>1. Interpret the concept of Money and its types</li> <li>2. Understand the concept and use of Money Supply.</li> <li>3. Acquire the knowledge about Banking system in India</li> <li>4. Summarize the use of statistics in Business Problem.</li> <li>5. Develop the skill for banking operations.</li> </ol>
37.	COMH-401	Corporate Accounting-II	<ol style="list-style-type: none"> <li>1. Develop an awareness about corporate accounting in conformity with the provisions of companies Act.</li> <li>2. Analyze quantitative information for final accounts of companies and disposal of profit</li> <li>3. Appraise concepts consolidated financial statement.</li> <li>4. Impart basic accounting knowledge as applicable to liquidation of companies.</li> <li>5. Develop the ability to assist an accountant.</li> </ol>
38.	COMH-402	Financial markets and Financial Services	<ol style="list-style-type: none"> <li>1. Interpret the concept and system of Financial Markets in India</li> <li>2. Understand the Role of SEBI in investor protection</li> <li>3. Acquire the necessary skills to take decision using Financial Services.</li> <li>4. Summarize the Role of Financial System in Indian Economy.</li> <li>5. Acquire the necessary skills to analyze equity share.</li> </ol>
39.	COMH-403	Security Analysis and Portfolio Management	<ol style="list-style-type: none"> <li>1. Understand the basic aspect of investment and its characteristics.</li> <li>2. Develop the skill to compute risk &amp; return of securities.</li> <li>3. Analyse the stock market operation &amp; security markets.</li> <li>4. Understand the portfolio theory and its evaluation.</li> <li>5. Devise skills to analyze the securities and operate as a successful trader of the stock market.</li> </ol>
40.	COMH-404	Business Research Methods	<ol style="list-style-type: none"> <li>1. Interpret the concepts of business research with its significance.</li> <li>2. Appraise the methods of data collection and sampling.</li> <li>3. Assess sample test and prepare a research report.</li> <li>4. Summarise about dynamics of business research methodology.</li> <li>5. Develop the skills of data analysis</li> </ol>
41.	COMH-405	Company Law-II	<ol style="list-style-type: none"> <li>1. Categorize the various kinds of Debentures and Corporate membership</li> <li>2. Compose the Management of Company.</li> <li>3. Examine the modes of Winding Up.</li> <li>4. Simulate knowledge to work as Assistant to legal advisor.</li> </ol>

42.	COMH-406	Summer Internship	
43.	COMH-501	Income Tax Law-I	<ol style="list-style-type: none"> <li>1. Comprehend the basic principles of the laws governing direct taxes.</li> <li>2. Know about provisions of direct tax with regard to IT Act, 1961 and IT rules, 1962.</li> <li>3. Be familiar about nature and scope of income.</li> <li>4. Understand the provisions and procedure to compute gross total income under different heads of income as prescribed under Income Tax Act 1961.</li> <li>5. Develop the skills to prepare tax return.</li> </ol>
44.	COMH-502	Financial Reporting	<ol style="list-style-type: none"> <li>1. Understand the use and application of the IFRS (and Ind AS in India)</li> <li>2. Accounting for transactions using accounting standards</li> <li>3. Preparation of single entity financial statement</li> <li>4. Analysis &amp; interpretation of accounting statements.</li> <li>5. Analysis &amp; interpretation of accounting statements</li> </ol>
45.	COMH-503	Entrepreneurship & Entrepreneurship Finance	<ol style="list-style-type: none"> <li>1. Synthesize the manner in which new business ventures are planned and organized.</li> <li>2. Justify the importance of developing a well-planned and written business plan.</li> <li>3. Evaluate the strengths and weaknesses of key components within business plans.</li> <li>4. Analyze the various processes and sources of seed and venture capital for funding a new enterprise – debt and equity.</li> <li>5. Articulate various entrepreneurial skills.</li> </ol>
46.	COMH-504	Operation Research	<ol style="list-style-type: none"> <li>1. Understand the basic concept of operational research.</li> <li>2. Develop the skill to compute transportation and assignment.</li> <li>3. Analyse the game theory.</li> <li>4. Interpret concept of network analysis.</li> <li>5. Develop quantitative analysis skills.</li> </ol>
47.	COMH-505	Business Management	<ol style="list-style-type: none"> <li>1. Interpret the concept of management, planning &amp; decision-making.</li> <li>2. Analyse organisation structure, authority &amp; responsibility relationships.</li> <li>3. Assess motivation, techniques of motivation and concept of MBO.</li> <li>4. Analyse leadership styles &amp; Importance of control.</li> <li>5. Simulate various managerial skills.</li> </ol>
48.	COMH-506(A)	Rural Development and Corporation	<ol style="list-style-type: none"> <li>1. Understand the basic concept of Rural Development.</li> <li>2. Analyse the Panchayati Raj System.</li> <li>3. Interpret Role of Regional Rural Banks and NABARD</li> <li>4. Build up a broad picture of the dimensions of rural economics</li> </ol>

49.	COMH-506(B)	Advance Performance Management	<ol style="list-style-type: none"> <li>1. Apply strategic performance measurement in private sector organisations.</li> <li>2. Compute Divisional performance &amp; transfer pricing issues</li> <li>3. Understand Strategic performance measures in not-for-profit organisations.</li> <li>4. Analyse Alternative views of performance measurement &amp; management Course Contents.</li> <li>5. Assistant to production manager.</li> </ol>
50.	COMH-601	Income Tax Law-II	<ol style="list-style-type: none"> <li>1. Comprehend the provisions and procedure for clubbing &amp; aggregation of incomes and set off &amp; carry forward of losses.</li> <li>2. Understand the various deductions to be made from gross total income U/s 80-C to 80-U in computing total income.</li> <li>3. Analyze the assessment procedure for individuals, HUF and firm.</li> <li>4. Develop the skills to prepare tax return.</li> </ol>
51.	COMH-602	Indirect taxes	<ol style="list-style-type: none"> <li>1. Understand the concept of Central GST and State GST.</li> <li>2. Analyze the computation procedure of tax and input tax credit.</li> <li>3. Understand the procedure, amendments and cancellation of registration.</li> <li>4. Impart basic knowledge of custom duty.</li> <li>5. Develop the skills to become a GST consultant</li> </ol>
52.	COMH-603	Cost and Management Audit	<ol style="list-style-type: none"> <li>1. Understand the knowledge of Cost and management auditing principles and programme.</li> <li>2. Develop the skills of preparing audit report.</li> <li>3. Interpret the concept for Management Function.</li> <li>4. Develop an understanding of Corporate Social Audit.</li> <li>5. Develop skills of cost and managerial audit.</li> </ol>
53.	COMH-604	Corporate Finance	<ol style="list-style-type: none"> <li>1. Understand Role and purpose of finance function in an organisation</li> <li>2. Know the impact of economic environment on financial management</li> <li>3. Acquire skills to apply various tools &amp; techniques for Working capital management</li> <li>4. Carrying out Investment appraisal.</li> <li>5. Develop the skill of analyzing financial statements.</li> </ol>
54.	COMH-605	Business Ethics and Governance	<ol style="list-style-type: none"> <li>1. Enable the students understand the significance and relevance of values and ethical conduct in governance.</li> <li>2. Highlight the concept of corporate social responsibility, ethics in governance and performance evaluation of Board of Directors along with evaluation and control.</li> <li>3. Acquaint students with relevant committees and their recommendations in respect of effective governance.</li> </ol>

			<ol style="list-style-type: none"> <li>4. Summarize the Importance and value of Ethics.</li> <li>5. Summarize various corporate ethical skills.</li> </ol>
55.	COMH-606(A)	Dissertations	
56.	COMH-606(B)	Advance Audit & Assurance	<ol style="list-style-type: none"> <li>1. Apply the International Standards on Auditing</li> <li>2. Evaluate findings and the results of work performed and draft suitable reports on assignments</li> <li>3. Identify and formulate the work required to meet the objectives of non-audit assignments</li> <li>4. Understand the current issues and developments relating to the provision of audit related and assurance services.</li> <li>5. Develop the skill for internal financial control and auditing.</li> <li>6. Apply the International Standards on Auditing</li> <li>7. Evaluate findings and the results of work performed and draft suitable reports on assignments</li> <li>8. Identify and formulate the work required to meet the objectives of non-audit assignments</li> <li>9. Understand the current issues and developments relating to the provision of audit related and assurance services.</li> <li>10. Develop the skill for internal financial control and auditing.</li> </ol>

## FACULTY OF COMPUTER SCIENCE

### Program outcomes:

1.	<b>BCA</b>	<p><b>The Bachelor of Computer Application Program is designed to achieve the following outcomes-</b></p> <ol style="list-style-type: none"> <li>1. To inculcate the ability to analyze, identify, formulate and develop computer applications using modern computing tools and techniques.</li> <li>2. To understand and develop computer programs in the areas related to the algorithm, system software, web design and networking for efficient design of a computer-based system.</li> <li>3. To explore technical comprehension in varied areas of Computer Applications and experience a conducive environment in cultivating skills for thriving careers and higher studies.</li> <li>4. To apply standard software engineering practices and strategies in software project development using an open-source programming environment to deliver a quality of the product for business success.</li> <li>5. To identify opportunities, entrepreneurship vision and use of innovative ideas to create value and wealth for the betterment of the individual and society.</li> <li>6. To communicate effectively with the computing community as well as society by being able to comprehend effective documentation and presentations.</li> <li>7. To recognize the needs for, and have the preparation and ability to engage in independent and lifelong learning.</li> </ol>
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2.	<b>IMSC</b>	<p><b>IMSC Program is designed to achieve the following outcomes-</b></p> <ol style="list-style-type: none"> <li>1. To inculcate the ability to analyze, identify, formulate and develop computer applications using modern computing tools and techniques.</li> <li>2. To comprehend, explore and build up computer programs in the allied areas like Algorithms, Software Programming, Multimedia, Web Design and Data Analytics for efficient design of computer-based systems of varying complexity.</li> <li>3. To apply standard software engineering practices and strategies in software project development using an open-source programming environment to deliver a quality of the product for business success.</li> <li>4. To work effectively both as an individual and a team leader on multi-disciplinary projects.</li> <li>5. To identify opportunities, entrepreneurship vision and use of innovative ideas to create value and wealth for the betterment of the individual and society.</li> <li>6. To communicate effectively with the computing community as well as society by being able to comprehend effective documentation and presentations.</li> <li>7. To recognize the needs for, and have the preparation and ability to engage in independent and lifelong learning.</li> </ol>
3.	<b>M.Sc. Computer Science</b>	<p><b>The Master of Science Program in Computer Science is designed to achieve the following outcomes</b></p> <ol style="list-style-type: none"> <li>1. To identify, critically analyze and formulate complex computing problems using fundamentals of computer science and application domains.</li> <li>2. To comprehend, explore and build up computer programs in the allied areas like Algorithms, System Software, Multimedia, Web Design and Data Analytics for efficient design of computer-based systems of varying complexity.</li> <li>3. To be able to select modern computing tools, skills and techniques necessary for innovative software solutions.</li> <li>4. To apply standard software engineering practices and strategies in software project development using an open source programming environment to deliver a quality product for business success.</li> <li>5. To be familiar with current research within various fields of Computer Science.</li> <li>6. To use creativity, critical thinking, analysis and research skill.</li> <li>7. To recognize the need for, and have the preparation and ability to engage in independent and lifelong learning.</li> </ol>

### Program Specific Outcomes:

**On successful completion of B.A with Vocational Computer Application, the students will be able-**

1. To enhance comprehensive understanding of the theory and its application in diverse fields.
2. To develop programming skills, networking skills, applications designing and modern techniques of IT.
3. To explore technical comprehension in varied areas of Computer Applications and cultivating skills for thriving careers and higher studies.
4. To understand management and computing principles with computing knowledge to manage projects in multidisciplinary environments.
5. To engage them in lifelong learning.

S. No.	Course Code	Course Title	Course Outcome
<b>B.C.A.</b>			
1.	BCA – 301	Discrete Mathematics	1. Apply set operations to solve applied problems

			<ol style="list-style-type: none"> <li>2. Examine the validity of argument by using Propositional Calculus</li> <li>3. Understand different graphs and matrix operations</li> </ol>
2.	BCA – 302	Database Management Systems	<ol style="list-style-type: none"> <li>1. Understand key concepts of database system</li> <li>2. Apply the ER concept and ER mapping to relational Model.</li> <li>3. Differentiate file organizations, relational algebra operations</li> </ol>
3.	BCA – 303	Java Programming	<ol style="list-style-type: none"> <li>1. Describe the features of Java</li> <li>2. Develop programs with basic programming constructs.</li> <li>3. Experiment with branching &amp; Looping and Arrange data in Arrays.</li> <li>4. Formalize the OOP concept and validate its real world implementation</li> </ol>
4.	BCA – 304	Computer Graphics	<ol style="list-style-type: none"> <li>1. To understand the various computer graphics hardware and display technologies.</li> <li>2. 2D and 3D viewing technologies</li> <li>3. Various 2D and 3D objects transformation techniques.</li> </ol>
5.	BCA – 401	E Commerce	<ol style="list-style-type: none"> <li>1. Define E-commerce and its impact in different areas.</li> <li>2. Understand different Business Models</li> <li>3. Handle electronic transactions in secure way</li> </ol>
6.	BCA – 402	Advance Database Management System	<ol style="list-style-type: none"> <li>1. Compare and Contrast between different types of databases.</li> <li>2. Optimize the operations</li> <li>3. Implement basic operations of database language</li> <li>4. Handle the events occurring on database and explicit error handling</li> </ol>
7.	BCA – 403	Python Programming	<ol style="list-style-type: none"> <li>1. Improve programming skills</li> <li>2. Hands on Regular Expression</li> <li>3. Ability to Text Processing scripts</li> </ol>
8.	BCA – 404	Operating System	<ol style="list-style-type: none"> <li>1. Understand the structure and functionalities of an OS</li> <li>2. Apply scheduling algorithms</li> <li>3. Apply different page replacement algorithms</li> <li>4. Understand concept of memory management and to handle deadlock</li> </ol>
9.	BCA – 501	Computer Communication & Networking	<ol style="list-style-type: none"> <li>1. Study the basic taxonomy and terminology of the computer networking and enumerate the layers of OSI model and TCP/IP model.</li> <li>2. Acquire knowledge of Transmission Media and Error checking and correction method</li> <li>3. Gain core knowledge of Asynchronous transmission Mode</li> </ol>
10.	BCA – 502	Open Source Operating System	<ol style="list-style-type: none"> <li>1. Understand open source software's utilities</li> <li>2. Execute shell commands</li> <li>3. Understand user and editors in Linux</li> </ol>
11.	BCA – 503	VB. Net Programming	<ol style="list-style-type: none"> <li>1. Understand the .net Framework</li> <li>2. Know the use of variables and operators</li> <li>3. Design user interface and apply looping and decision making.</li> <li>4. Connect with database</li> </ol>
12.	BCA – 504(A)	Mobile Computing	<ol style="list-style-type: none"> <li>1. Define Mobile Communication and Mobile IP.</li> <li>2. Simulate the process of routing.</li> </ol>

			<ol style="list-style-type: none"> <li>3. Outline the support for mobility.</li> <li>4. Create a general purpose implementation model of mobility in networks.</li> </ol>
13.	BCA – 504(B)	Mobile Application Development	<ol style="list-style-type: none"> <li>1. Define Android OS and its architecture.</li> <li>2. Simulate the process of application life cycle.</li> <li>3. Outline the Application development in Android.</li> <li>4. Create a general purpose application for android OS.</li> </ol>
14.	BCA – 601	Software Engineering	<ol style="list-style-type: none"> <li>1. Understand basic concepts of software engineering.</li> <li>2. Compare different software engineering process models</li> <li>3. Create architectural design for a given project</li> <li>4. Apply different testing techniques</li> </ol>
15.	BCA – 602	Information Protection & Security	<ol style="list-style-type: none"> <li>1. Identify and classify computer and security threats and develop a security model to prevent, detect and recover from attacks</li> <li>2. Understand the concept of encryption and analyze various symmetric &amp; asymmetric encryption algorithm</li> <li>3. Familiarize with network security designs</li> </ol>
16.	BCA – 603	C # Programming	<ol style="list-style-type: none"> <li>1. Understand and apply concept and features of C#</li> <li>2. Know the concept of OO Features</li> <li>3. Handle events and errors occurring in the system</li> </ol>
17.	BCA – 604(A)	Website Development	<ol style="list-style-type: none"> <li>1. To impart knowledge server side programming using PHP</li> <li>2. To Develop the decision making statement logic under different concepts using XAMP server</li> <li>3. To gain ability to develop web applications database connectivity using MYSQL Database</li> </ol>
18.	BCA – 604(B)	Server Administration	
<b>IMSC</b>			
19.	IMSC – 501	Computer Communication & Networking	<ol style="list-style-type: none"> <li>1. Study the basic taxonomy and terminology of the computer networking and enumerate the layers of OSI model and TCP/IP model.</li> <li>2. Acquire knowledge of Transmission Media and Error checking and correction method</li> <li>3. Gain core knowledge of Asynchronous transmission Mode</li> </ol>
20.	IMSC – 502	Open Source Operating System	<ol style="list-style-type: none"> <li>1. Understand open source software's utilities</li> <li>2. Execute shell commands</li> <li>3. Understand user and editors in Linux</li> </ol>
21.	IMSC – 503	VB. Net Programming	<ol style="list-style-type: none"> <li>1. Understand the .net Framework</li> <li>2. Know the use of variables and operators</li> <li>3. Design user interface and apply looping and decision making.</li> <li>4. Connect with database</li> </ol>
22.	IMSC – 504(A)	Mobile Computing	<ol style="list-style-type: none"> <li>1. Define Mobile Communication and Mobile IP.</li> <li>2. Simulate the process of routing.</li> <li>3. Outline the support for mobility.</li> <li>4. Create a general purpose implementation model of mobility in networks.</li> </ol>
23.	IMSC – 504(B)	Mobile Application Development	<ol style="list-style-type: none"> <li>1. Define Android OS and its architecture.</li> <li>2. Simulate the process of application life cycle.</li> </ol>

			<ol style="list-style-type: none"> <li>3. Outline the Application development in Android.</li> <li>4. Create a general purpose application for android OS.</li> </ol>
24.	IMSC – 601	Software Engineering	<ol style="list-style-type: none"> <li>1. Understand basic concepts of software engineering.</li> <li>2. Compare different software engineering process models</li> <li>3. Create architectural design for a given project</li> <li>4. Apply different testing techniques</li> </ol>
25.	IMSC – 602	Information Protection & Security	<ol style="list-style-type: none"> <li>1. Identify and classify computer and security threats and develop a security model to prevent, detect and recover from attacks</li> <li>2. Understand the concept of encryption and analyze various symmetric &amp; asymmetric encryption algorithm</li> <li>3. Familiarize with network security designs</li> </ol>
26.	IMSC – 603	C # Programming	<ol style="list-style-type: none"> <li>1. Understand and apply concept and features of C#</li> <li>2. Know the concept of OO Features</li> <li>3. Handle events and errors occurring in the system</li> </ol>
27.	IMSC – 604(A)	Website Development	<ol style="list-style-type: none"> <li>1. To impart knowledge server side programming using PHP</li> <li>2. To Develop the decision making statement logic under different concepts using XAMP server</li> <li>3. To gain ability to develop web applications database connectivity using MYSQL Database</li> </ol>
28.	IMSC – 604(B)	Server Administration	
<b>M.Sc. Computer Science</b>			
29.	MSC – 101	Computer Architecture	<ol style="list-style-type: none"> <li>1. To understand the design of circuits and the number system used in digital circuits.</li> <li>2. Simplification of Boolean algebraic expressions</li> <li>3. To study the concepts of Arithmetic circuits and Combinational Circuits.</li> <li>4. To study the memory organization and its types.</li> </ol>
30.	MSC – 102	Computer Networks	<ol style="list-style-type: none"> <li>1. Study the basic taxonomy and terminology of the computer networking and enumerate the layers of OSI model and TCP/IP model.</li> <li>2. Acquire knowledge of Transmission Media and Error checking and correction method</li> <li>3. Gain core knowledge of Asynchronous transmission Mode</li> </ol>
31.	MSC – 103	Java Programming	<ol style="list-style-type: none"> <li>1. Describe the features of Java</li> <li>2. Develop programs with basic programming constructs.</li> <li>3. Experiment with branching &amp; Looping and Arrange data in Arrays.</li> <li>4. Formalize the OOP concept and validate its real world implementation</li> </ol>
32.	MSC – 104 (A)	Electronic Data Processing	<ol style="list-style-type: none"> <li>1. Compare and Contrast between different types of databases.</li> <li>2. Optimize the operations</li> <li>3. Implement basic operations of database language</li> <li>4. Handle the events occurring on database and explicit error handling</li> </ol>

33.	MSC – 104 (B)	Mobile Application Development	<ol style="list-style-type: none"> <li>1. Define Android OS and its architecture.</li> <li>2. Simulate the process of application life cycle.</li> <li>3. Outline the Application development in Android.</li> <li>4. Create a general purpose application for android OS.</li> </ol>
34.	MSC – 201	Open Source Technologies	<ol style="list-style-type: none"> <li>1. Understand the structure and functionalities of an OS</li> <li>2. Apply scheduling algorithms</li> <li>3. Apply different page replacement algorithms</li> <li>4. Understand concept of memory management</li> </ol>
35.	MSC – 202	Computer Graphics	<ol style="list-style-type: none"> <li>1. Understand the structure of modern computer graphics systems and Input output Device and implement various algorithms to scan, convert the basic geometrical primitives</li> <li>2. To define the fundamentals of 2D transformations</li> <li>3. To describe the importance of Clipping, viewing and projections</li> <li>4. To learn the basic principles of 3- dimensional transformation along with surface identification and Curves</li> </ol>
36.	MSC – 203	Programming in Python	<ol style="list-style-type: none"> <li>1. Improve programming skills</li> <li>2. Hands on Regular Expression</li> <li>3. Ability to Text Processing scripts</li> </ol>
37.	MSC – 204(A)	Web Development	<ol style="list-style-type: none"> <li>1. To impart knowledge server side programming using PHP</li> <li>2. To Develop the decision making statement logic under different concepts using XAMP server</li> <li>3. To gain ability to develop web applications database connectivity using MYSQL Database</li> </ol>
38.	MSC – 204(B)	Image Processing	<ol style="list-style-type: none"> <li>1. Apply knowledge of mathematics for image understanding and analysis.</li> <li>2. Design and analysis of techniques / processes for image understanding.</li> <li>3. Design, realize and troubleshoot various algorithms for image processing case studies.</li> <li>4. Select the appropriate hardware and software tools (Contemporary) for image analysis.</li> </ol>
39.	MSC – 301	Cloud Computing	<ol style="list-style-type: none"> <li>1. Define cloud computing and identifying various service models.</li> <li>2. Demonstrate various technologies related to IAAS.</li> <li>3. Manage virtual infrastructure in distributed environment.</li> <li>4. Employ PAAS platforms like Aneka and Comet Cloud.</li> </ol>
40.	MSC – 302	Data Warehouse & Mining	<ol style="list-style-type: none"> <li>1. Understand the concepts of data warehouse and data mining</li> <li>2. Analyze transaction databases for association rules</li> <li>3. Use classification methods and various clustering techniques for categorizing data</li> </ol>
41.	MSC – 303	Programming in Visual Basic.Net	<ol style="list-style-type: none"> <li>1. Understand the .net Framework</li> <li>2. Know the use of variables and operators</li> <li>3. Design user interface and apply looping and decision making.</li> <li>4. Connect with database</li> </ol>
42.	MSC – 304(A)	Artificial Intelligence	<ol style="list-style-type: none"> <li>1. Understand basic principles and application of AI</li> <li>2. Represent knowledge in various ways</li> </ol>

			<ol style="list-style-type: none"> <li>3. Solve various problems by applying a suitable search method</li> <li>4. Understand key concept of learning</li> </ol>
43.	MSC – 304(B)	Salesforce	<ol style="list-style-type: none"> <li>1. Understand the concepts of cloud service models</li> <li>2. Design applications on Salesforce</li> <li>3. Generate and export custom reports</li> <li>4. Design and manage organization's data</li> </ol>
44.	MCS – 401	Industrial Training (Internship) - Project	<ol style="list-style-type: none"> <li>1. Express technical and behavioral ideas and thoughts</li> <li>2. Self learned new tools, algorithms and techniques that contribute to the software solution</li> <li>3. Test and validate conformance of the developed prototype against the original requirements of the problem</li> </ol>
<b>VCA(B.A./ B.Sc.Maths/B.Sc. Bio./B.Com.)</b>			
45.	VCA – 301	C++ Programming - I	<ol style="list-style-type: none"> <li>1. Understand flowcharts and basics of programming language</li> <li>2. Learn the decision making and looping concepts of programming language</li> <li>3. Execute string functions and structures</li> </ol>
46.	VCA – 302	Data Communication	<ol style="list-style-type: none"> <li>1. Study the basic taxonomy and terminology of the computer networking and enumerate the layers of OSI model and TCP/IP model.</li> <li>2. Acquire knowledge of Transmission Media and Error checking and correction method</li> <li>3. Gain core knowledge of different networking devices</li> </ol>
47.	VCA – 401	C++ Programming - II	<ol style="list-style-type: none"> <li>1. Understand and apply OOP's features and C++ concepts</li> <li>2. Construct class and object using constructors</li> <li>3. Apply the concept of polymorphism and inheritance</li> </ol>
48.	VCA – 402	Data Structure & Algorithm	<ol style="list-style-type: none"> <li>1. Explain fundamental concepts of data structure and array operations</li> <li>2. Apply appropriate searching and sorting techniques on given data structure</li> <li>3. Design linear data structure by using link list and its operations</li> <li>4. Design linear data structure using stack and queue.</li> </ol>
49.	VCA – 501	Website Development	<ol style="list-style-type: none"> <li>1. Get familiar with basics of the Internet contrast between static and dynamic webpages</li> <li>2. Acquire knowledge and skills for creation of web site considering HTML and client side programming using Javascript.</li> <li>3. Implement the functions of Date, Math and String objects</li> <li>4. Design website using both the scripting languages</li> </ol>
50.	VCA – 502(A)	Database Technologies – I	<ol style="list-style-type: none"> <li>1. Understand key concepts of database system</li> <li>2. Apply the ER concept and ER mapping to relational Model.</li> <li>3. Differentiate file organizations, relational algebra operations</li> <li>4. Apply normalization process to construct the database</li> </ol>
51.	VCA – 502(B)	Open Source Operating System	<ol style="list-style-type: none"> <li>1. Understand open source software's utilities</li> <li>2. Execute shell commands</li> <li>3. Understand user and editors in Linux</li> </ol>

52.	VCA – 601	Multimedia Technology	<ol style="list-style-type: none"> <li>1. Identify terminology associated with the concepts, techniques, and processes used throughout the multimedia environment.</li> <li>2. Study laws of multimedia and importance of compression technique</li> <li>3. Understand key concepts of Flash designing tool</li> <li>4. Design basic animation and gif images for publishing</li> </ol>
53.	VCA – 602(A)	Database Technologies II	<ol style="list-style-type: none"> <li>1. Understand integrity and recovery strategies of DBMS.</li> <li>2. Understand various constraints needed for a database system</li> <li>3. Executing operations and functions on relational databases</li> </ol>
54.	VCA – 602(B)	Information Protection & Security	<ol style="list-style-type: none"> <li>1. Identify and classify computer and security threats and develop a security model to prevent, detect and recover from attacks</li> <li>2. Understand the concept of encryption and analyze various symmetric &amp; asymmetric encryption algorithm</li> <li>3. Familiarize with network security designs</li> </ol>

## FACULTY OF LIBRARY SCIENCE

### Program outcomes:

1.	<b>BLIS</b>	<p>The Bachelor of Library and Information Science Program is designed to achieve the following outcomes-</p> <ol style="list-style-type: none"> <li>1. To understand the philosophy of librarianship, basic principles, fundamental laws and professional ethics.</li> <li>2. To enhance the skills of information knowledge processing, organization and retrieval.</li> <li>3. To explore the basics of Information and Communication Technology.</li> <li>4. To equip themselves in the management of Library and Information Centre.</li> <li>5. To understand and appreciate the purposes of the Library and Information Centres in the changing social, cultural, technological and economic environment.</li> </ol>
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S. No.	Course Code	Course Title	Course Outcome
<b>B.L.I.S.</b>			
1.	BLIS-101	Foundations of Library and Information Science	<ol style="list-style-type: none"> <li>1. Explain the basic philosophy of Library and Information Science.</li> <li>2. Create awareness about legal, political &amp; ethical aspects of information &amp; its use.</li> <li>3. Understand and appreciate the Library and Information Profession.</li> </ol>
2.	BLIS-102	Knowledge Organization, Information Processing and Retrieval	<ol style="list-style-type: none"> <li>1. Introduce the structure and attributes of universe of knowledge.</li> <li>2. Demonstrate library classification as a base for knowledge organisation.</li> <li>3. Understand the principles and theory of library cataloguing.</li> </ol>
3.	BLIS - 103	Information and Communication	<ol style="list-style-type: none"> <li>1. Acquaint with the basic concepts of computers and communication technologies.</li> </ol>

		Technologies Basics - I (Theory)	2. Explaining general application software MS – Word, MS-Excel & MS-PowerPoint. 3. Understand various aspects of library automation and networks
4.	BLIS - 104	Information and Communication Technologies Basics - II (Practical)	1. Develop skills in using computers and communication technologies. 2. Familiarize with Internet. 3. Demonstrate the Library Management Software.
5.	BLIS- 201	Management and Organization of Libraries and Information Centres	1. Understand the role and importance of the principles and practice of management. 2. Explain human resource and financial management. 3. Acquaint with the functions, activities and routines of various sections in a library/ information centre.
6.	BLIS- 202	Knowledge Resources and Reference Services	4. Explain different categories of knowledge and information sources. 5. Acquire skills for providing reference and information services. 6. Study Information needs, user studies and user education
7.	BLIS- 203	Classification (Practical)	Trained students in the techniques of classifying titles of documents according to colon classification. (Rev. Ed. 6) and Dewey Decimal classification, 19th edition
8.	BLIS- 204	Cataloguing (Practical)	Trained students in cataloguing of documents according to AACR-II R and CCC (5th edition with amendments)

## FACULTY OF MANAGEMENT

### Program outcomes:

<b>1.</b>	<b>BBA</b>	<p>The BBA Programme is designed to achieve the following outcomes-</p> <ol style="list-style-type: none"> <li>1. To develop knowledge and proficiency of various Management functions.</li> <li>2. To work and operate in domestic and global environments.</li> <li>3. To develop an understanding of management education and skills to pursue professional careers.</li> <li>4. To develop a flair for employability.</li> <li>5. To demonstrate critical thinking and analytical skills that enhance familiarity with organizational functionality.</li> <li>6. To develop Communication and Personality Skills.</li> <li>7. To become aware of business issues prevailing in society.</li> <li>8. To create an understanding of professional ethics, social cues and contexts in social interaction.</li> <li>9. To build Entrepreneurship Skills and the ability to run entrepreneurial ventures.</li> <li>10. To understand the role of technology as a tool for competitive advantage in business.</li> <li>11. To function effectively as a professional and as a business leader.</li> </ol>
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S. No.	Course Code	Course Title	Course Outcome
<b>B.B.A.</b>			
1.	BBA -301	Company Law	<ol style="list-style-type: none"> <li>1. Understand the provision of companies Act 2013 in respect of incorporation.</li> <li>2. Develop the Skill to prepare MOA and AOA.</li> <li>3. Acquire the Knowledge of Share capital, its types and Membership of company.</li> <li>4. Simulate knowledge to work as assistant to legal advisor</li> </ol>
2.	BBA -302	Cost Accounting	<ol style="list-style-type: none"> <li>1. Interpret the concept of Cost accounting and different types of cost</li> <li>2. Understand the wage system and overhead classification.</li> <li>3. Acquire the necessary skills to compute cost related to manufacturing industry.</li> <li>4. Develop the cost computation techniques.</li> <li>5. Synthesize as the cost accountant.</li> </ol>
3.	BBA -303	Business Statistics-II	<ol style="list-style-type: none"> <li>1. Interpret the concept of Index numbers and Time series and understand their computation</li> <li>2. Understand the concept and use of probability.</li> <li>3. Acquire the necessary skills to compute Multiple regression and Multiple Correlation</li> <li>4. Summarize the use of statistics in Business Problem.</li> <li>5. Enhance the skills of business research.</li> </ol>
4.	BBA -304	Functional Management	<ol style="list-style-type: none"> <li>1. Interpret the concepts of product, price, place and promotion in marketing.</li> <li>2. Analyse the system of production management in an organisation.</li> <li>3. Access various concepts of human resource management.</li> <li>4. Summarize the concepts of management such as marketing, production and HR.</li> <li>5. Integrate the various skills related to marketing, production &amp; human resource management.</li> </ol>
5.	BBA -305	Business Communication & Managerial Skills	<ol style="list-style-type: none"> <li>1. Analyse communication process and different forms of communication.</li> <li>2. Interpret channels, barriers and guidelines for effective communication.</li> </ol>

			<ol style="list-style-type: none"> <li>3. Assess report writing procedure and elements of commercial letters, negotiation etc.</li> <li>4. Summarise business communication in the organisational backdrop.</li> <li>5. Integrate different communication skills.</li> </ol>
6.	BBA -306	Accounting Software Lab	<ol style="list-style-type: none"> <li>1. Understand the concept of Computerized Financial Accounting through the software Tally ERP 9</li> <li>2. Acquire the necessary skills to learn accounting with Inventory and without Inventory</li> <li>3. Develop the Skill to manage Pay-Roll through Tally.</li> <li>4. Summarize the use of Tally in Accounting.</li> </ol>
7.	BBA-401	Advanced Company Law & Secretarial Practice	<ol style="list-style-type: none"> <li>1. Understand the provision of companies Act 2013 in respect of Director's Appointment and Company Meetings.</li> <li>2. Acquire the knowledge regarding Auditor's Appointment and Company Secretary.</li> <li>3. Appraise the Provisions regarding Company Winding Up and Striking off of name of companies</li> <li>4. Summarise the provision of Companies Act, 2013.</li> <li>5. Develop the skills to work as on assistant to legal advisor.</li> </ol>
8.	BBA-402	Business Research	<ol style="list-style-type: none"> <li>1. Interpret the concepts of business research with its significance.</li> <li>2. Appraise the methods of data collection and sampling.</li> <li>3. Assess sample test and prepare a research report.</li> <li>4. Summarise about dynamics of business research methodology</li> </ol>
9.	BBA-403	Purchasing and Materials Management	<ol style="list-style-type: none"> <li>1. Simulate knowledge relating to purchasing and its functions.</li> <li>2. Analyse material quality and different purchase procedures.</li> <li>3. Anticipate materials information system and concepts like standardisation, material logistics.</li> <li>4. Integrate different aspects of purchasing and materials management.</li> <li>5. Interpret purchasing and logistic management skills</li> </ol>
10.	BBA-404	Quality Management	<ol style="list-style-type: none"> <li>1. Understand the Concept of Quality and Different Approaches of Quality management.</li> </ol>

			<ol style="list-style-type: none"> <li>2. Assess the Different methods of Quality Management.</li> <li>3. Interpret the concept of Quality control and Environmental Management Standards procedure.</li> <li>4. Evaluate the use of Quality Management in Manufacturing Industry.</li> <li>5. Work as an assistant to quality inspector.</li> </ol>
11.	BBA-405	Financial Management-I	<ol style="list-style-type: none"> <li>1. Interpret the concept of financial management and time value of money.</li> <li>2. Analyze the sources of capital and capital structure.</li> <li>3. assess the cost of capital</li> <li>4. Summarise skills for financial statement analysis.</li> </ol>
12.	BBA-406	Communication Lab	<ol style="list-style-type: none"> <li>1. Demonstrate effect of barriers on communication and different non-verbal cues.</li> <li>2. Analyse use of different communication equipment's, business etiquettes.</li> <li>3. Evaluate different types of reports and research proposals.</li> <li>4. Integrate various communication skills for business &amp; management activities.</li> <li>5. Articulate skills to work as soft skills trainer.</li> </ol>
13.	BBA-501	Fundamentals of E-Commerce	<ol style="list-style-type: none"> <li>1. Identify the need of E Commerce in today developing economy and contribution to overall economic growth of the country.</li> <li>2. Integrate different digital payment platforms and correlate the traditional commerce with electronic documentation.</li> <li>3. Test the verification and validation of electronic payments with respect to building trust in customers by applying the modern security measures.</li> <li>4. Summarize the different aspects of electronic commerce from defining the theory aspects to devising a real world robust implementation.</li> <li>5. Develop business management skills.</li> </ol>
14.	BBA -502	Financial Management-II	<ol style="list-style-type: none"> <li>1. Develop the skills to understand the capital budgeting techniques</li> <li>2. Evaluate the management of Working Capital</li> <li>3. Understand the effect of dividend policy on valuation of firm.</li> </ol>

			4. Summarise skills for financial statement analysis.
15.	BBA -503	Business Environment	<ol style="list-style-type: none"> <li>1. Describe the concept of business environment and scanning.</li> <li>2. Analyse various economic policies, applicable in business environment.</li> <li>3. Evaluate significant statutory bodies, established to support Indian business.</li> <li>4. Summarise about dynamics of business environment.</li> <li>5. Integrate various business analysis skills.</li> </ol>
16.	BBA -504	Management Accounting	<ol style="list-style-type: none"> <li>1. Describe the concept of Management Accounting and Management Accountant.</li> <li>2. Analyse various Types of Cost, their behaviour and its use in Managerial Decision making.</li> <li>3. Develop the skill to prepare Budget for different functions.</li> <li>4. Summarise about dynamics of Management Accounting in Business Problem.</li> <li>5. Synthesize as on assistant to finance manager.</li> </ol>
17.	BBA -505	Industrial Relations and Industrial Law	<ol style="list-style-type: none"> <li>1. Analyse the concept of Industrial Relation and trade unionism</li> <li>2. Interpret grievance management procedure and effect of technological changes on industrial relations.</li> <li>3. Assess the various laws applicable to industry.</li> <li>4. Summarise the various provisions of The Factories Act, 1948</li> <li>5. Simulate skills for industry analysis.</li> </ol>
18.	BBA -506	Summer Training and Viva voce	<ol style="list-style-type: none"> <li>1. Develop a perspective of wholesome management of business activities.</li> <li>2. Demonstrate the various skills as management/on the job trainee.</li> </ol>
19.	BBA – 6011	Business Taxation	<ol style="list-style-type: none"> <li>1. Describe the Provision of Income Tax Act 1961 in respect of Salaries and House property.</li> <li>2. Assess the provision regarding computation of Business and capital Gain Income.</li> <li>3. Evaluate significant of various deductions.</li> <li>4. Summarise about Computation of income under Different heads of Income.</li> <li>5. Inculcate income &amp; tax calculation skills.</li> </ol>
20.	BBA – 6021	Auditing	<ol style="list-style-type: none"> <li>1. Understand the concept of Auditing and its Principles.</li> </ol>

			<ol style="list-style-type: none"> <li>2. Analyse various techniques of Vouching and verification.</li> <li>3. Assess the Provisions of Company's Auditor appointment.</li> <li>4. Summarise about Significance of Auditing in Business.</li> <li>5. Develop internal control skills in area of finance.</li> </ol>
21.	BBA – 6031	Corporate Accounting	<ol style="list-style-type: none"> <li>1. Describe the concept of Issue of Shares and redemption of Shares</li> <li>2. Analyse various Provisions of AS-14 in respect of Amalgamation.</li> <li>3. Evaluate significance of consolidation of final Account of Holding and Subsidiary companies and develop the skills to Prepare cash flow Statement as per AS-3</li> <li>4. Summarise about dynamics of Corporate Accounting.</li> <li>5. Develop as an assistant to accountant</li> </ol>
22.	BBA – 6012	Indian Banking System	<ol style="list-style-type: none"> <li>1. Interpret the structure of Indian banking system.</li> <li>2. Appraise banking regulation act, applicable in Indian banking sector</li> <li>3. Assess regional rural banks and cooperative banks.</li> <li>4. Summarise about dynamics of Indian banking sector.</li> <li>5. Access employment in Indian banking sector.</li> </ol>
23.	BBA – 6022	Insurance Management	<ol style="list-style-type: none"> <li>1. Study the basic concepts of insurance</li> <li>2. Understand the concept of Premium and underwriting</li> <li>3. Evaluate the concept of Nomination and Assignment.</li> <li>4. Access employment in insurance sector as insurance advisor/agent.</li> </ol>
24.	BBA – 6032	Banks & Institutional Management	<ol style="list-style-type: none"> <li>1. Understand the most useful terminologies of banking.</li> <li>2. Appraise investment management and asset liability management.</li> <li>3. Assess non-performing assets and non-banking financial corporation in banking.</li> <li>4. Integrate various concepts of banks &amp; institutional management.</li> <li>5. Enhance the skills of bank operation.</li> </ol>
25.	BBA- 6013	International Business Management	<ol style="list-style-type: none"> <li>1. Understand the concept of International business environment &amp; product policies</li> <li>2. Analyse International marketing process &amp; techniques</li> </ol>

			3. Assess the concepts of International accounting, production and logistic management
26.	BBA –6023	Export-Import Documentation	<ol style="list-style-type: none"> <li>1. Interpret concepts &amp; procedures of ISO 9000:2000 series</li> <li>2. Analyse import policies &amp; procedures</li> <li>3. Assess import procurement method &amp; follow up of import contracts.</li> </ol>
27.	BBA- 6033	International Business Environment	<ol style="list-style-type: none"> <li>1. Interpret the concepts of International business environment, Foreign trade &amp; Globalization</li> <li>2. Analyse concepts of foreign aid, international trade in services</li> <li>3. Assess role of state in India's foreign trade</li> <li>4. Evaluate use and importance of internet in exports &amp; imports.</li> </ol>
28.	BBA- 6014	Tourism Industry	<ol style="list-style-type: none"> <li>1. Understand concept and elements of tourism</li> <li>2. Analyse tourism multiplier effect</li> <li>3. Assess growth of tourism in India</li> </ol>
29.	BBA- 6024	Tourism products of India	<ol style="list-style-type: none"> <li>1. Interpret the concept of tourism products</li> <li>2. Analyse the background of different bird sanctuaries, resevers &amp; forts</li> <li>3. Assess the classification of hotels</li> </ol>
30.	BBA- 6034	Travel Agency and Tour Operations	<ol style="list-style-type: none"> <li>1. Understand the history and growth of travel agency business</li> <li>2. Analyse various international conventions</li> <li>3. Assess various consumer protection laws applicable to tourists as consumers</li> <li>4. Summarise different skills of travel and tour operations</li> </ol>
31.	BBA-6015	Fundamentals of Entrepreneurship	<ol style="list-style-type: none"> <li>1. Understand the basic concept of entrepreneurship and business environment</li> <li>2. Identify business opportunities and legal requirements for establishing a business unit.</li> <li>3. Evaluate the different sources of finance to start a business</li> </ol>
32.	BBA-6025	Entrepreneurship Development	<ol style="list-style-type: none"> <li>1. Conceptualise entrepreneurial motivation with the help of significant theories</li> <li>2. Evaluate EDPs and role of an entrepreneur in socio economic growth.</li> <li>3. Formulate project management and report writing</li> </ol>
33.	BBA-6035	Family and Small Business	<ol style="list-style-type: none"> <li>1. Understand the concept of family business.</li> </ol>

		Management in Entrepreneurship	<ol style="list-style-type: none"> <li>Analyse the role of Small-scale Industries in entrepreneurship.</li> <li>Examine the different trends of entrepreneurship.</li> </ol>
34.	BBA – 604	Business Policy & Strategic Management	<ol style="list-style-type: none"> <li>Interpret processes of strategic management, strategic planning and decision-making.</li> <li>Analyse different business approaches and strategies.</li> <li>Evaluate different stages of strategy development and implementation, strategic management control.</li> <li>Integrate various strategic management aspects for dynamic business environment.</li> <li>Summarise skills for strategic analysis.</li> </ol>
35.	BBA – 605	Management Information System	<ol style="list-style-type: none"> <li>Describe the management information system and identify its components.</li> <li>Illustrate the use of decision-making tools and techniques.</li> <li>Categorize different decision support system on the basis on operation.</li> <li>Summarize the different aspects of management information system in terms of management process and IT infrastructure and support services.</li> <li>Develop the skills of data base management.</li> </ol>
36.	BBA – 606	Seminar Report & Viva Voce	<ol style="list-style-type: none"> <li>On successful completion of the course the students will be able to develop report writing and presentation skills.</li> </ol>

## FACULTY OF SCIENCE

### Program outcomes:

1.	<b>B.Sc. Biology</b>	<p><b>The Bachelor of Science (Bio) Program is designed to achieve the following outcomes-</b></p> <ol style="list-style-type: none"> <li><b>To understand the basic concepts, theories and principles related to Botany, Chemistry and Zoology and their relevance in day-to-day life.</b></li> <li><b>To inculcate a scientific temper and enhance the analytical skills and be able to apply the same for the benefit of society.</b></li> <li><b>To acquire practical skills for meticulously performing various experiments related to the above-mentioned streams.</b></li> <li><b>To present the acquired skills and knowledge verbally and non-verbally in an organized and scientific manner.</b></li> <li><b>To comprehend the scientific knowledge and skills to assess personal and environmental health.</b></li> <li><b>To become well equipped with entrepreneurship and employability skills, pursue higher studies, research and join competitive and civil services.</b></li> <li><b>To develop empathy for biodiversity and work for its sustainable development and assist in nation-building.</b></li> </ol>
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2.	<b>B.Sc. Maths</b>	<p><b>The Bachelor of Science (Maths) Program is designed to achieve the following outcomes-</b></p> <ol style="list-style-type: none"> <li>1. To understand the concepts and fundamental principles of Physics, Mathematics and Chemistry.</li> <li>2. To become equipped with practical knowledge in the respective field.</li> <li>3. To develop a scientific skill for future analysts.</li> <li>4. To acquire logical and creative skills.</li> <li>5. To inculcate research aptitude.</li> <li>6. To become eligible for different competitions exams like SSC, Bank PO, Civil Services, and Defence Services, etc.</li> <li>7. To enhance skills in animation, architecture, mining, etc.</li> </ol>
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## DEPARTMENT OF BOTANY

### Program Specific Outcomes:

**On successful completion of B.Sc. with Botany, the students will be able-**

1. To appraise the diversity of life forms.
2. To understand the classification, evolution, morphology and anatomical details of the plants.
3. To analyze the cellular details, metabolic activities and application of genetics & recombinant DNA technology for the improvement of plants.
4. To understand the ecosystem, energy flow, uses and value of Biodiversity.
5. To perform laboratory exercises in physiology, anatomy, biochemistry, ecology and biotechnology.

S. No.	Course Code	Course Title	Course Outcome
<b>B.Sc. Biology</b>			
1.	BOT-301:	Anatomy of Angiosperms	<ol style="list-style-type: none"> <li>1. Anticipate plant structure at microscopic level with the major goals of understanding the structure common to all vascular plants</li> <li>2. Explain the developmental processes that leads to mature anatomy and anomalous growth in plants</li> <li>3. Relate the internal structure and adaptations to water stress</li> </ol>
2.	BOT-302:	Taxonomy of Angiosperms	<ol style="list-style-type: none"> <li>1. Understand the basic aspects of plant taxonomy and botanical nomenclature</li> <li>2. Compare various plant families and classify plants on the basis of their characters</li> <li>3. Appreciate the diversity of flowering plants</li> </ol>
3.	BOT-401:	Diversity of Seed Plants	<ol style="list-style-type: none"> <li>1. Understand evolution of seed habit with some examples of primitive angiosperms</li> <li>2. Infer the process of fossilization and focus on fossil gymnosperms</li> <li>3. Illustrate distribution, morphology, anatomy and reproductive biology of gymnosperms</li> </ol>
4.	BOT-402:	Reproduction in Flowering Plants	<ol style="list-style-type: none"> <li>1. Compare the structure and development of male and female gametophyte</li> <li>2. Illustrate reproduction in plants from pollination to embryogenesis</li> <li>3. Understand the concept of latent life in plants</li> </ol>
5.	BOT 501:	Plant Physiology and Metabolism	<ol style="list-style-type: none"> <li>1. Interpret the fundamental concepts of plant physiology</li> <li>2. Compare photosynthesis and respiration</li> </ol>



			3. Explain the process of nitrogen and lipid metabolism
6.	BOT 502(A):	Development and Utilization of Plants	<ol style="list-style-type: none"> <li>1. Understand the process of growth and development and the phenomena of flowering</li> <li>2. Assess the role of various plant hormones in regulating vital functions in plants</li> <li>3. Appraise and prioritize the utility of plant species</li> </ol>
7.	BOT-502(B):	Plant Biochemistry	<ol style="list-style-type: none"> <li>1. Understand the advanced concepts of enzymes as drivers of living systems including catalysis mechanisms and kinetics of enzymes as affected various types of inhibitors.</li> <li>2. Relate the properties of macromolecules, their cellular activities and biological responses.</li> <li>3. Identify the characteristics and significance of secondary metabolites.</li> </ol>
8.	BOT-601:	Plant Ecology	<ol style="list-style-type: none"> <li>1. Consider that how the Ecological systems function</li> <li>2. Understand how food webs and trophic levels work</li> <li>3. Assess the relationship between organisms and their environment</li> </ol>
9.	BOT 602(A):	Genetics and Biotechnology of Plants	<ol style="list-style-type: none"> <li>1. Deduce how genes function and how characters are inherited from one generation to the next</li> <li>2. Analyze the biotechnological procedures for modifying living organisms according to human purposes</li> <li>3. Understand basic aspects of plant tissue culture</li> </ol>
10.	BOT-602(B):	Biodiversity and Plant Conservation	<ol style="list-style-type: none"> <li>1. Develop a deeper insight into the concept and significance of biodiversity</li> <li>2. Identify the causes, effects and strategies to combat environmental pollution</li> <li>3. Reflect upon the different National and International efforts for biodiversity conservation</li> </ol>

## DEPARTMENT OF CHEMISTRY

### Program Specific Outcomes:

**On successful completion of B.Sc. with Chemistry, the students will be able-**

1. To provide abundant career opportunities in various fields like becoming an Analytical Chemist, Chemical Engineer, Nanotechnologist, Pharmacologist, Toxicologist, Academicians, Environmental Consultant, etc.
2. To develop an understanding of theoretical and laboratory skills, which helps to inculcate research orientation in the learner.

S. No.	Course Code	Course Title	Course Outcome
<b>B.Sc. Biology/B.Sc. Maths</b>			
1.	CHE – 301	Inorganic Chemistry	<ol style="list-style-type: none"> <li>1. Assess the chemistry of the first, second and third transition series.</li> <li>2. Predict chemical properties of Coordination compounds, Lanthanides and Actinides.</li> <li>3. Discuss oxidation - reduction behaviour and aqueous and non aqueous solvents</li> </ol>

2.	CHE – 302	Organic Chemistry	<ol style="list-style-type: none"> <li>1. Assess the molecular structure using UV and IR Spectroscopy.</li> <li>2. Summarize the reactivity of primary, Secondary and tertiary alcohols.</li> <li>3. Illustrate the preparation and Chemical Reactions of Phenols, Ethers and Epoxides</li> </ol>
3.	CHE-303	Practical	<ol style="list-style-type: none"> <li>1. Understand the practical applications of various aspects of chemistry</li> </ol>
4.	CHE – 401	Physical Chemistry	<ol style="list-style-type: none"> <li>1. Summarize the First, Second and third law of thermodynamics and their applications.</li> <li>2. Review the various types of conductance, factors affecting it and applications of Conductivity measurements.</li> <li>3. Discuss various phenomena related to Cells and Corrosion.</li> </ol>
5.	CHE – 402	Organic Chemistry	<ol style="list-style-type: none"> <li>1. Illustrate the preparation and Chemical reactions of aldehydes and Ketones.</li> <li>2. Summarize the chemical behavior of different organic compounds of Nitrogen.</li> <li>3. Assess the chemistry of aliphatic and aromatic carboxylic acids and its derivatives.</li> </ol>
6.	CHE-403	Practical	<ol style="list-style-type: none"> <li>1. Understand the practical applications of various aspects of chemistry</li> </ol>
7.	CHE – 501:	Inorganic Chemistry	<ol style="list-style-type: none"> <li>1. Summarize Metal ligand bonding and various thermodynamic and kinetic aspects of transition metal complexes.</li> <li>2. Predict magnetic properties and electronic spectra of transition metal complexes.</li> <li>3. Explain HSAB Principle, basics of Bioinorganic Chemistry and Silicones and Phosphazenes.</li> </ol>
8.	CHE – 502 (A)	Organic Chemistry	<ol style="list-style-type: none"> <li>1. Predict structure of various organic molecules using NMR Spectroscopy.</li> <li>2. Summarize the Chemical Properties of Organometallic Compounds and Synthetic Polymers.</li> <li>3. Assess the chemical properties of enolates and fats and detergents</li> </ol>
9.	CHE – 502 (B)	Chemistry of Equilibria	<ol style="list-style-type: none"> <li>1. Summarize the basic principles of Chemical Equilibrium</li> <li>2. Illustrate the concept of Phase equilibrium for one and two component system</li> <li>3. Analyse the concept of ionization and pH</li> </ol>
10.	CHE-503	Practical	<ol style="list-style-type: none"> <li>1. Understand the practical applications of various aspects of chemistry</li> </ol>
11.	CHE – 601	Physical Chemistry	<ol style="list-style-type: none"> <li>1. Explain Quantum mechanics and Photochemistry.</li> </ol>

			<ol style="list-style-type: none"> <li>Summarize the principles of various spectroscopic techniques.</li> <li>Assess the kinetics of various chemical reactions</li> </ol>
12.	CHE – 602 (A)	Organic Chemistry	<ol style="list-style-type: none"> <li>Summarize the properties of carbohydrates</li> <li>Explain the nature and behaviour of amino acids and nucleic acids.</li> <li>Assess the reactivity and stability of heterocyclic compounds</li> </ol>
13.	CHE –602 (B)	Analytical Chemistry	<ol style="list-style-type: none"> <li>Implement statistical methods of analysis to various problems</li> <li>Summarize the principle and procedure of volumetric titrations.</li> <li>Apply Gravimetry to Quantitative analysis of substances</li> </ol>
14.	CHE-603	Practical	<ol style="list-style-type: none"> <li>Understand the practical applications of various aspects of chemistry</li> </ol>

### M.Sc. Chemistry

15.	CHEM – 101:	Inorganic Chemistry	<ol style="list-style-type: none"> <li>Predict stereochemistry and bonding in main group compounds.</li> <li>Assess the chemical behaviour of transition metal complexes.</li> <li>Summarize the reaction mechanism of transition metal complexes.</li> </ol>
16.	CHEM – 102	Organic Reaction Mechanism-I	<ol style="list-style-type: none"> <li>Predict structure and bonding in common organic molecules and mechanism of organic reactions.</li> <li>Review various aliphatic and aromatic substitution reactions.</li> <li>Explain different types of free radical reactions.</li> </ol>
17.	CHEM – 103	Physical Chemistry – I	<ol style="list-style-type: none"> <li>Predict aspects of Quantum Chemistry</li> <li>Summarize various concepts of thermodynamics and phase rule.</li> <li>Assess the kinetics of various chemical reactions.</li> </ol>
18.	CHEM – 104	Group Theory and Spectroscopy	<ol style="list-style-type: none"> <li>Interpret the symmetry and group theory in chemical science.</li> <li>Analyse the molecular and photoelectron spectroscopy.</li> <li>Assess the electron spin resonance spectroscopy.</li> <li>Matrix reproduction of symmering operations, classification of reproduction,</li> </ol>
19.	CHEM –105	Practicals	<ol style="list-style-type: none"> <li>Understand the practical applications of various aspects of chemistry</li> </ol>
20.	CHEM – 201	Coordination Chemistry	<ol style="list-style-type: none"> <li>Analyse the aspects of metal-ligand equilibria in solution and metal-ligand bonding</li> <li>Summarize various concepts of electronic spectra and magnetic properties of transition metal complexes.</li> <li>Review various metal <math>\pi</math>-complexes.</li> </ol>

21.	CHEM – 202	Organic Reaction Mechanism-II and Stereochemistry	<ol style="list-style-type: none"> <li>1. Explain the mechanism of various types of condensation and elimination reactions.</li> <li>2. Analyse the stereochemistry of organic compounds.</li> <li>3. Review the various aspects of pericyclic reactions.</li> </ol>
22.	CHEM – 203	Physical Chemistry-II	<ol style="list-style-type: none"> <li>1. Explain the electrochemistry.</li> <li>2. Summarize the concepts of adsorption and micelles.</li> <li>3. Assess the chemistry of macromolecules.</li> </ol>
23.	CHEM – 204	Programming in Chemistry	<ol style="list-style-type: none"> <li>1. Understand basic concepts of programming language.</li> <li>2. Choose the loops and decision-making statements to solve the problem.</li> <li>3. Implement different operations on array and pointers.</li> <li>4. Able to make functions and structure.</li> </ol>
24.	CHEM – 205	Practicals	<ol style="list-style-type: none"> <li>1. Understand the practical applications of various aspects of chemistry</li> </ol>
25.	CHEM – 301:	SPECTROSCOPY	<ol style="list-style-type: none"> <li>1. Summarize the concepts of <sup>13</sup>C - NMR spectroscopy.</li> <li>2. Analyse the mass spectral fragmentation of organic compounds for their structure determination.</li> <li>3. Interpret the structure of different organic compounds with the help of spectroscopic data.</li> </ol>
26.	CHEM – 302	PHOTOCHEMISTRY AND SOLID STATE CHEMISTRY	<ol style="list-style-type: none"> <li>1. Explain the electronic properties of Various solids and the concept of Superconductors</li> <li>2. Analyze various concepts of photochemical reactions and Photochemistry of Alkenes.</li> <li>3. Elaborate the photochemistry of various organic compounds.</li> </ol>
27.	CHEM – 303	Green And Environmental Chemistry	<ol style="list-style-type: none"> <li>1. Elaborate the principle and concept of green chemistry.</li> <li>2. Illustrate application of greener alternative approaches.</li> <li>3. Analyse the various Water Pollutants.</li> </ol>
28.	CHEM – 304	Oxidation, Reduction And Rearrangement Reactions In Organic Compounds	<ol style="list-style-type: none"> <li>1. Review the oxidation reaction of various compounds.</li> <li>2. Discuss the reduction of different functionalities in organic molecules</li> <li>3. Elaborate the mechanism of various rearrangement reactions.</li> </ol>
29.	CHEM – 305	Practicals	<ol style="list-style-type: none"> <li>1. Understand the practical applications of various aspects of chemistry</li> </ol>
30.	CHEM – 401 (A):	ORGANOMETALLIC CHEMISTRY	<ol style="list-style-type: none"> <li>1. Summarize the basic concepts of organo transition metal complexes</li> <li>2. Elaborate the chemistry of organo transition metal complexes.</li> </ol>

			3. Illustrate application of organometallic compounds in homogenous and heterogenous catalysis
31.	CHEM – 402(A):	SUPRAMOLECULAR AND BIOINORGANIC CHEMISTRY	<ol style="list-style-type: none"> <li>1. Analyse different aspects of supra molecular chemistry and supramolecular reactivity and catalysis.</li> <li>2. Discuss the role of metalloenzymes in biological processes and metals in medicine</li> <li>3. Summarize the structure and mechanism of oxygen transport proteins and concepts of nitrogen fixation.</li> </ol>
32.	CHEM – 403(A) :	INORGANIC POLYMERS	<ol style="list-style-type: none"> <li>1. Elaborate basic concepts and synthesis of Inorganic polymers.</li> <li>2. Analyse the Chemical nature of polymers.</li> <li>3. Summarize the Properties of Inorganic Polymers.</li> </ol>
33.	CHEM-401 (B):	ORGANOMETALLICS AND DISCONNECTIONS	<ol style="list-style-type: none"> <li>1. Analyse organometallic reagents of transition metals.</li> <li>2. Elaborate disconnection approach.</li> <li>3. Implement the application of disconnection approach in the synthesis of complex organic compounds.</li> </ol>
34.	CHEM 402 (B): –	HETEROCYCLIC CHEMISTRY	<ol style="list-style-type: none"> <li>1. Interpret aromatic and non- aromatic heterocycles.</li> <li>2. Elaborate the synthesis of various types of heterocyclic compounds.</li> <li>3. Illustrate benzo fused five-membered and six-membered heterocycles.</li> </ol>
35.	CHEM 403 (B): –	NATURAL PRODUCTS	<ol style="list-style-type: none"> <li>1. Explain the synthesis of various types of terpenoids, carotenoids and alkaloids.</li> <li>2. Illustrate the prostaglandins, pyrethroids, rotenones and steroids.</li> <li>3. Analyse plant pigments and porphyrins.</li> </ol>
36.	CHEM-401 (C) :	CHEMICAL DYNAMICS	<ol style="list-style-type: none"> <li>1. Analyse various inorganic substitution reactions.</li> <li>2. Illustrate radiation chemistry and photochemistry.</li> <li>3. Review the kinetics of gas surface reactions</li> </ol>
37.	CHEM – 402 (C) :	ELECTROCHEMISTRY-I	<ol style="list-style-type: none"> <li>1. Explain the conversion and storage of electrochemical energy.</li> <li>2. Analyse electrochemical energy source.</li> <li>3. Assess corrosion and stability of metals.</li> </ol>
38.	CHEM – 403 (C) : ELECTROCHEMISTRY-II		<ol style="list-style-type: none"> <li>1. Summarize kinetics of various reversible and irreversible electrode processes.</li> <li>2. Illustrate aspects of biochemistry and electro catalysis.</li> <li>3. Explain potential sweep and bulk electrolysis method.</li> </ol>
39.	CHEM – 404 (Group A, B, C)	Elective I-DISSERTATION	<ol style="list-style-type: none"> <li>1. Create, analyse and critically evaluate different methods in the field of study area in order to identify the issues that</li> </ol>

			must be addressed within the framework of the specific thesis
40.	CHEM – 404 (Group A, B, C)	Elective II- ANALYTICAL CHEMISTRY	<ol style="list-style-type: none"> <li>1. Implement statistical methods of analysis to various problems and extraction techniques</li> <li>2. Apply various methods of thermal analysis to various materials</li> <li>3. Separate various mixtures with the help of different chromatographic techniques</li> </ol>

## DEPARTMENT OF MATHEMATICS

### Program Specific Outcomes:

**On successful completion of B.Sc. with Mathematics, the students will be able-**

1. To find solutions to a given Mathematical problem by using reasoning and logical concepts.
2. To formulate and solve new Mathematical problems.
3. To understand the Applications of Applied and Pure Mathematics.
4. To use mathematical principles for the betterment of society.
5. To pursue careers as Operation Research Analyst, Teacher and Data Analyst also in Banking, Civil Services and Researcher.
4. To understand the ecosystem, energy flow, uses and value of Biodiversity.
5. To perform laboratory exercises in physiology, anatomy, biochemistry, ecology and biotechnology.

S. No.	Course Code	Course Title	Course Outcome
<b>B.Sc. Maths</b>			
1.	MAT – 301	Linear Algebra	<ol style="list-style-type: none"> <li>1. Explain the concepts of vector spaces, subspaces, basis, dimension and their properties.</li> <li>2. Construct Homomorphism of vector space, matrix related to linear transformation and verify Sylvester law of nullity.</li> <li>3. Compute Eigen values and Eigen vectors, minimal polynomial, Jordan Canonical form of Matrix.</li> </ol>
2.	MAT – 302	Differential Equations	<ol style="list-style-type: none"> <li>1. Formulate the Ordinary differential equation and solve Differential equations of first order and first degree.</li> <li>2. Learn various techniques of getting solutions of linear differential equations with constant coefficients, linear differential equation of second order.</li> <li>3. Solve non-linear Partial differential equation by Charpit's method, Homogeneous and non-Homogeneous linear partial differential equation with constant coefficients.</li> <li>4. This paper will help in skill development in the field of differential equations</li> </ol>
3.	MAT – 401	Real Analysis	<ol style="list-style-type: none"> <li>1. Explain properties of the Real number <math>\mathbb{R}</math> and nature of Real Sequences.</li> <li>2. Apply the ratio, Leibnitz', Cauchy nth root test for Convergence of an Infinite series of Real number.</li> </ol>

			<ol style="list-style-type: none"> <li>3. Test Continuity and Differentiability of two variable function and the application of mean value Theorem.</li> <li>4. This paper will help in the skill development in the field of Real numbers &amp; their Applications.</li> </ol>
4.	MAT – 402	Mechanics	<ol style="list-style-type: none"> <li>1. Explain necessary conditions for the equilibrium of Coplanar Forces and Application of Friction.</li> <li>2. Deal with the Kinematics and Kinetics of the rectilinear motions of a particle, Problem related to horizontal and vertical elastic string.</li> <li>3. Learn that a particle moving under a central force describes a plane curve and know the Kepler's laws of the planetary motions</li> </ol>
5.	MAT – 501	Metric Spaces and Complex Analysis	<ol style="list-style-type: none"> <li>1. Explain several standard concepts of Metric space and their properties, Open and Closed sets.</li> <li>2. Analyze Analyticity of function and Construct analytic function by Milne Thomson method.</li> <li>3. Apply the concepts of the conformal mapping, bilinear transformation in real life problems.</li> <li>4. This paper will help in skill development in the field of higher order Research related to Complex analysis</li> </ol>
6.	MAT – 502 (A)	Linear Programming	<ol style="list-style-type: none"> <li>1. Provide graphical solutions of linear programming problems with two variables, and illustrate the concept of convex set and extreme points.</li> <li>2. Create Simplex table for solving linear programming models of real life situations.</li> <li>3. Establish a relationship between the primal and dual problems and to solve Linear programming problem by Revised Simplex method.</li> <li>4. This Paper will help in skill development in the Solution of Analytical Problems</li> </ol>
7.	MAT – 502 (B)	Advanced Complex Analysis	<ol style="list-style-type: none"> <li>1. Explain the concept of Complex integration and Application of cauchy's integral formula.</li> <li>2. Create Power series; find its circle and radius of convergence.</li> <li>3. Solve problem related to Zero of an analytic function and Kinds of singularities</li> </ol>
8.	MAT – 601	Statistics	<ol style="list-style-type: none"> <li>1. Apply several concepts of Probability, Application of Bayes' theorem, Regression and Correlation Coefficient for solving real life situation.</li> <li>2. Explain discrete probability distributions like Binomial and Poisson distribution.</li> <li>3. Solve Problems related to Rectangular Distribution and area property of normal distribution.</li> <li>4. This paper will help in skill development in the field of probability and its Applications</li> </ol>
9.	MAT – 602 (A)	Numerical Analysis	<ol style="list-style-type: none"> <li>1. Learn about various Numerical operators, interpolating and extrapolating methods.</li> <li>2. Solve question related to unequal intervals by using Newton's formula, Lagrange's formula.</li> </ol>

			<ol style="list-style-type: none"> <li>Evaluate Numerical Integration by General quadrature formula, Trapezoidal, Simpson's one-third rule, Simpson's three-eighth rule.</li> <li>This paper will help in skill development in the field of research related to operators</li> </ol>
10.	MAT – 602 (B)	Transform Calculus	<ol style="list-style-type: none"> <li>Learn about Laplace transform of some standard special functions.</li> <li>Solve question related to ordinary differential equation with constant coefficient using Laplace transform.</li> <li>Establish a relationship between Fourier and Laplace transform.</li> <li>This paper will help in skill development in the field of Fundamentals of Laplace and Fourier Transform.</li> </ol>

## DEPARTMENT OF PHYSICS

### Program Specific Outcomes:

**On successful completion of B.Sc. with Physics, the students will be able-**

- To relate electricity and magnetism and the associated phenomena.
- To understand the difference between classical and quantum concepts of Physics.
- To analyze the various types of circuits and solve the related problems.
- To perform the laboratory exercises in electronics, mechanics, optics and thermodynamics.
- To pursue careers as Research Scientist, Future professors, Civil Services and Researcher.

S. No.	Course Code	Course Title	Course Outcome
<b>B.Sc. Maths</b>			
1.	PHY – 301	Electronics-I	<ol style="list-style-type: none"> <li>Summarise Junction Diode, types of diodes and their applications.</li> <li>Compare Transistors, parameters and biasing of transistors.</li> <li>Explain different types of amplifiers and feedback in amplifier.</li> <li>This paper will help in skill development in the basics fundamentals of diode, transistor and their applications.</li> </ol>
2.	PHY – 302	Thermodynamics and Statistical Physics	<ol style="list-style-type: none"> <li>Explain the laws of Thermodynamics and thermodynamical functions.</li> <li>Compose Probability Problems and relation between probability and entropy.</li> <li>Compare different types of statistics and their applications.</li> </ol>
3.	PHY – 401	Optics	<ol style="list-style-type: none"> <li>Summarize Interference and its application in Michelson interferometer.</li> <li>Explain Polarization phenomenon and Polaroids.</li> <li>Compare Fresnel and Fraunhofer Diffraction and their application in grating.</li> </ol>
4.	PHY – 402	Electronics - II	<ol style="list-style-type: none"> <li>Compare various types of oscillators and their applications</li> <li>Analysis different Logic Gates and their combinations.</li> </ol>



			3. Describe fundamental of network and related theorems.
5.	PHY – 501	Solid State Physics	<ol style="list-style-type: none"> <li>1. Explain various types of bonding and crystal structures.</li> <li>2. Describe specific heat, its various models and theory of formation of bonds in solids.</li> <li>3. Illustrate Superconductivity, its properties and classification of magnetic material.</li> </ol>
6.	PHY – 502 (A)	Quantum Mechanics	<ol style="list-style-type: none"> <li>1. Understand Fundamental of Quantum theory, Heisenberg Uncertainty principle and its applications.</li> <li>2. Describe Wave Function and types of Schrodinger equation.</li> <li>3. Solve various problems related to the boundary condition based on Schrodinger equation</li> </ol>
7.	PHY – 502 (B)	Mathematical Physics	<ol style="list-style-type: none"> <li>1. Understand Fundamental of Mathematical Physics, Fourier series and its applications.</li> <li>2. Describe and solve different types of co-ordinates.</li> <li>3. Solve various problems related to the four vector formulation.</li> </ol>
8.	PHY – 601	Nuclear Physics	<ol style="list-style-type: none"> <li>1. Understand nuclear Properties of a nucleus and cosmic rays.</li> <li>2. Describe nuclear fission, its application in Liquid Drop Model and nuclear reactors.</li> <li>3. Assess fourth state of matter, plasma and classification of elementary particles.</li> <li>4. This paper will help in skill development in the field of basics properties of Nucleus, reactors and elementary particles.</li> </ol>
9.	PHY – 602(A)	Atomic and Molecular Spectroscopy	<ol style="list-style-type: none"> <li>1. Describe properties of LASER, types of LASER and Holography.</li> <li>2. Explain continuous and discrete energy levels of one electron atom.</li> <li>3. Summarise Molecular Spectra and Raman effect</li> </ol>
10.	PHY – 602 (B)	Experimental Techniques and Digital Electronics	<ol style="list-style-type: none"> <li>1. Describe the errors, significant figures and statistical analysis of data.</li> <li>2. Study about logic Gates, number system and Karnaugh map.</li> <li>3. Learn about different types of flip-flops, shift registers and counters.</li> </ol>

## DEPARTMENT OF ZOOLOGY

### Program Specific Outcomes:

**On successful completion of B.Sc. with Zoology, the students will be able-**

1. To understand the fundamentals of animal sciences and the complex interactions amongst various living organisms.
2. To develop a deeper understanding of the key concepts of Taxonomy, Cell Biology, Genetics, Molecular Biology, Physiology, Ethology, Development Biology, Biotechnology, Evolution, Biochemistry, Immunology, Ecology, Biostatistics and Applied Zoology.
3. To perform various lab techniques in the above-mentioned areas to enhance their practical and problem-solving skills.

4. To develop a feeling of empathy and love towards animals and contribute to conserving them.
5. To apply the knowledge and understanding of Zoology to one's own life and work and contribute to nation-building.

S. No.	Course Code	Course Title	Course Outcome
<b>B.Sc. Biology</b>			
1.	ZOO–301	Classification, Structure and Special Features of Chordates	<ol style="list-style-type: none"> <li>1. Describe unique characters of Fishes, Amphibians, Reptiles, Aves and Mammals, Urochordates, Cephalochordates and their affinities,</li> <li>2. Analyze the ecological role and special features of different groups of chordates.</li> <li>3. Summarize the diversity of chordates</li> </ol>
2.	ZOO–302	Comparative Anatomy of Chordates	<ol style="list-style-type: none"> <li>1. Identify and demonstrate a basic description of how major vertebrate systems function.</li> <li>2. Correlate morphology to its function, especially with respect to the adaptive significance of particular structures and organ systems.</li> <li>3. Compare and discriminate the anatomical systems of different vertebrates and identify common traits across species and/or groups</li> </ol>
3.	ZOO–401	Animal Physiology	<ol style="list-style-type: none"> <li>1. Develop an idea of various physiological activities prevalent in animals with special reference to mammals</li> <li>2. Analyze and understand the complexity of the various systems</li> <li>3. Summarize and write about the various physiological processes</li> </ol>
4.	ZOO–402	Genetics and Evolution	<ol style="list-style-type: none"> <li>1. Explain Mendelism and its significance and what a mutation is and give examples of how it might occur.</li> <li>2. Deduce the significance of "crossing over" and "linkage" and various genetic interactions, cytoplasmic inheritance and sex determination</li> <li>3. Assess various evolutionary thoughts and summarize the mechanism of natural selection, variation, isolation &amp; adaptation</li> </ol>
5.	ZOO–501	Molecular Biology	<ol style="list-style-type: none"> <li>1. Review how DNA encodes genetic information and the role of messenger RNA r RNA and transfer RNA.</li> <li>2. Explain the mechanisms associated with Gene expression at the level of Transcription and Translation</li> <li>3. Summarize and explain the events involved in DNA repair mechanisms</li> </ol>
6.	ZOO–502 (A)	Biochemistry and Ethology	<ol style="list-style-type: none"> <li>1. Express the various components used in biochemistry.</li> <li>2. Integrate Biochemistry and their application.</li> <li>3. Speculate animal strategies and interaction and formulate the importance of behaviour for survival</li> </ol>
7.	ZOO–502 (B)	Microbiology	<ol style="list-style-type: none"> <li>1. Familiarize the students with the basic classification, structure and genetic material of bacteria</li> </ol>

			<ol style="list-style-type: none"> <li>2. Have an idea of few disease causing bacteria</li> <li>3. Understand the importance of bacteria in food and dairy industry</li> </ol>
8.	ZOO–601 :	Immunology and Biotechnology	<ol style="list-style-type: none"> <li>1. Enumerate the role of different cells, effector molecules and effector mechanisms in Immunology and understand the principles underlying various Immunotechniques</li> <li>2. Analyze the steps involved in rDNA technology, hbridomas, M.C.As and P.C.R</li> <li>3. Appraise the significance of transgenic with reference to animal models, the principles and applications of animal cloning along with ethical issues and elementary idea of food and dairy microbiology</li> </ol>
9.	ZOO–602 (A) :	Ecology and Biostatistics	<ol style="list-style-type: none"> <li>1. Schematize the basic components of environment and their interaction.</li> <li>2. Speculate the effect of environment on the distribution of animals and effect on human.</li> <li>3. Justify the importance of statistical analysis in biology</li> </ol>
10.	ZOO–602 (B)	Economic Zoology	<ol style="list-style-type: none"> <li>1. Understand the applied and commercially useful aspect of animals</li> <li>2. Have an idea of the basics of Apiculture, lac culture, sericulture and poultry farming</li> <li>3. Understand the basics of fish culture</li> <li>4. Start their own business and become an entrepreneur</li> </ol>

  
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