

**PROGRAMME OUTCOMES, PROGRAMME SPECIFIC OUTCOMES,  
COURSE OUTCOMES**

**BACHELOR OF COMMERCE (B.COM.)**

<b>PROGRAMME OUTCOME</b>	<ul style="list-style-type: none"> <li>• It offers a number of specializations and practical exposures which would equip the student to face the modern-day challenges in commerce and business.</li> <li>• Have comprehensive knowledge of finance, accounting, taxation and business laws.</li> <li>• It could provide well trained professionals for the Industries, Banking Sectors, Insurance Companies, Financing companies, Transport Agencies, warehousing etc., to meet the well trained manpower requirements. The graduates will get hands on experience in various aspects acquiring skills for Marketing Manager, Selling Manager, over all Administration abilities of the Company.</li> </ul>
<b>PROGRAMME SPECIFIC OUTCOME</b>	<ul style="list-style-type: none"> <li>• To cater to the manpower needs of companies in Accounting, Taxation, Business Laws, Auditing, Financial analysis and Management.</li> <li>• To inculcate entrepreneurship and managerial skills in students so as to enable them to establish and manage their business effectively</li> <li>• To enrich communication, ethical values, team work, professional and leadership skill sets of students.</li> <li>• Learners will be able to prove proficiency with the ability to engage in competitive exams like CA, CS, ICWA and other courses.</li> <li>• Learners can also acquire practical skills to work as tax consultant, audit assistant and other financial supporting services.</li> <li>• Students will learn relevant managerial accounting career skills, applying both quantitative and qualitative knowledge to their future careers in business.</li> <li>• By virtue of the course they can become an Manager, Accountant , Management Accountant, cost Accountant, Bank Manager, Auditor, Company Secretary, Teacher, Professor, Stock Agents, Government jobs etc.,</li> </ul>

**COURSE OUTCOMES**

<b>COURSE NAME</b>	<b>COURSE OUTCOMES</b>
English And Business Communication Skills	<ul style="list-style-type: none"> <li>• It shall focus on different aspects of communication in general and business communication in particular, communication within organizations, types of communication, and significance of positive attitude in improving communication.</li> </ul>

Psychology For Managers	<ul style="list-style-type: none"> <li>To provide broad understanding about basic concepts and techniques of human behaviour.</li> </ul>
Business Economics-I	<ul style="list-style-type: none"> <li>To study the basic concepts of microeconomics relevant for Business decision making and helping the students to understand the application of economic principles in business management.</li> </ul>
Principles Of Financial Accounting	<ul style="list-style-type: none"> <li>To help students to acquire conceptual knowledge of financial accounting and to impart skills for recording various kinds of business transactions</li> </ul>
Commercial Law	<ul style="list-style-type: none"> <li>It gives knowledge about basic provisions regarding legal frame work governing the business world.</li> </ul>
Principles And Practices Of Management	<ul style="list-style-type: none"> <li>To help the students in understanding the process of business management and its functions.</li> </ul>
E- Commerce	<ul style="list-style-type: none"> <li>To provide fundamental knowledge about E-Commerce so that they can better perform in any area of operation and can excel in the field of commerce with IT specialization.</li> </ul>
Business Economics-Ii	<ul style="list-style-type: none"> <li>It provides the knowledge of basic concepts of the distribution and modern tools of macro-economic analysis.</li> </ul>
Corporate Accounting	<ul style="list-style-type: none"> <li>To provide knowledge about basic corporate accounting with the relevant accounting standards and accounting procedures followed by the companies.</li> </ul>
Business Laws	<ul style="list-style-type: none"> <li>To acquaint the students about Business Laws.</li> </ul>
Human Resource Management	<ul style="list-style-type: none"> <li>To familiarize the students with the different aspects of managing human resource in the organization.</li> </ul>
Issues In Indian Commerce	<ul style="list-style-type: none"> <li>To acquire basic knowledge of different issues faced in progress and prospects of commerce in India.</li> </ul>
Cost Accounting	<ul style="list-style-type: none"> <li>To acquire conceptual knowledge of cost accounting and elements of cost and to make conversant with the ever enlarging frontiers of cost accounting knowledge.</li> </ul>
Company Law	<ul style="list-style-type: none"> <li>To understand various provisions of Companies Act 2013.</li> </ul>
Business Mathematics And Statistics	<ul style="list-style-type: none"> <li>to help the students in understanding mathematical and statistical tools in business decisions</li> </ul>
Banking And Insurance	<ul style="list-style-type: none"> <li>To acquaint the students with the emerging trends in Indian Banking and Insurance industry.</li> </ul>
Goods And Service Tax	<ul style="list-style-type: none"> <li>Understanding of Basics of GST</li> </ul>
Security Analysis And Portfolio Management	<ul style="list-style-type: none"> <li>To provide a comprehensive knowledge about security analysis and portfolio management and equipping for taking profitable investment decisions.</li> </ul>
Advanced Accounting	<ul style="list-style-type: none"> <li>To provide knowledge to students about advanced accounting problems with the relevant Indian Accounting Standards</li> </ul>
Auditing And Secretarial Practice	<ul style="list-style-type: none"> <li>To help the students in understanding concepts and issues in Auditing and Secretarial Practice.</li> </ul>
Cost Management	<ul style="list-style-type: none"> <li>To acquaint the students with the various methods of cost determination and tools and techniques of cost control</li> </ul>
Marketing Management	<ul style="list-style-type: none"> <li>To understand the basic concepts, philosophies, process and techniques of marketing.</li> </ul>

Quantitative Techniques And Methods	<ul style="list-style-type: none"> <li>To acquaint the student with the various quantitative techniques and methods used in managerial decisions.</li> </ul>
Income Tax Law	<ul style="list-style-type: none"> <li>To impart basic knowledge of the provisions of Income tax laws in India.</li> </ul>
Management Accounting	<ul style="list-style-type: none"> <li>To develop an understanding of the conceptual framework of Management Accounting and acquires the knowledge in the Management Accounting Techniques in business decision making.</li> </ul>
Indian Economy	<ul style="list-style-type: none"> <li>To know the development process in India after independence and understand the problems and measures in their contextual perspective.</li> </ul>
Production And Operation Management	<ul style="list-style-type: none"> <li>To enable the students to understand the concepts of production and operations management of an industrial undertaking.</li> </ul>
Entrepreneurship And Small Business	<ul style="list-style-type: none"> <li>To help the learners understand various issues involved in setting up a private enterprise and develop required entrepreneurial skills in economic development. It also aims to motivate students to opt for entrepreneurship and self-employment as alternate career options.</li> </ul>
Financial Markets And Services	<ul style="list-style-type: none"> <li>To familiarize the students with the traditional and modern financial and services.</li> </ul>
Direct Tax Laws	<ul style="list-style-type: none"> <li>To impart basic knowledge of the provisions of Income tax laws in India.</li> </ul>
Financial Management	<ul style="list-style-type: none"> <li>To familiarize the students with Principles and Practices of Financial Management.</li> </ul>
Issues In Financial Reporting	<ul style="list-style-type: none"> <li>To provide knowledge about developments in financial reporting, and understanding of reporting issues at the national and international level.</li> </ul>
Social And Business Ethics	<ul style="list-style-type: none"> <li>To educate that how the adoption of Business Ethics by organizations not only discourages corporate wrong-doing, but also contributes substantially in the achievement of corporate excellence.</li> </ul>
Operational Research	<ul style="list-style-type: none"> <li>To understand the concepts and techniques of Operations Research for business decision making and to acquire required skills to solve various problems in OR.</li> </ul>
Sectoral Aspects Of Indian Economy	<ul style="list-style-type: none"> <li>To provide insight into the various sectoral aspects of Indian economy</li> </ul>

### **BACHELOR OF COMPUTER APPLICATIONS (BCA)**

<b>PROGRAMME OUTCOME</b>	<ul style="list-style-type: none"> <li>Evolve as globally competent computer professionals possessing leadership skills for developing innovative solutions in multidisciplinary domains.</li> <li>Become an entrepreneur who can provide solutions and develop software products for Enterprise needs.</li> <li>Students will establish themselves as effective professionals by solving real problems through the use of computer science</li> </ul>
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	<p>knowledge and with attention to team work, effective communication, critical thinking and problem solving skills.</p> <ul style="list-style-type: none"> <li>• Students will develop professional skills that prepare them for immediate employment and for life-long learning in advanced areas of computer science and related fields.</li> </ul>
<b>PROGRAMME SPECIFIC OUTCOME</b>	<ul style="list-style-type: none"> <li>• Attain the professional skills to design and develop computer applications, evaluate and recognize potential risks and provide innovative solutions.</li> <li>• Explore technical knowledge in diverse areas of Computer Applications and experience an environment conducive in cultivating skills for successful career, entrepreneurship and higher studies.</li> <li>• The ability to understand, analyze and develop computer programs in the areas related to algorithms, system software, multimedia, web design, application program, database , graphics and networking for efficient design of computer-based systems of varying complexity.</li> </ul>

### COURSE OUTCOMES

<b>COURSE NAME</b>	<b>COURSE OUTCOMES</b>
Computer Fundamentals and computing software	<ul style="list-style-type: none"> <li>• To familiarize with complete fundamentals and commonly used computing software like MS Word, MS Excel, MS PowerPoint.</li> </ul>
Problem Solving through C	<ul style="list-style-type: none"> <li>• To develop the programming capability by understanding basic concepts of C programming which includes arrays, structures, function, strings, Exceptions, pointers and files.</li> </ul>
Computer Organisation	<ul style="list-style-type: none"> <li>• To inculcate the knowledge on Digital circuits, Microprocessor architecture, and Interfacing of various components.</li> </ul>
Fundamentals of Web Programming	<ul style="list-style-type: none"> <li>• To enable to understand the fundamentals of Web designing and to build and publish websites using HTML, DHTML, CSS and Dreamweaver.</li> </ul>
Object Oriented Programming using C++	<ul style="list-style-type: none"> <li>• To inculcate knowledge on Object-oriented programming concepts using C++ which includes classes, objects, virtual functions, inline functions, friend functions, strings, Exceptions, pointers and files.</li> </ul>
Information System Design and Implementation	<ul style="list-style-type: none"> <li>• To teach about various aspects of various information systems to be developed, their analysis and design. To learn about pre requisite of software development and associated paradigms.</li> </ul>
Computer Oriented Numerical Methods	<ul style="list-style-type: none"> <li>• To teach the essential techniques of numerical methods and will be able to solve various scientific and engineering field problems.</li> </ul>
Data Structures	<ul style="list-style-type: none"> <li>• To design and implementation of various basic and advanced data structures. To develop programming ability on data structures dealing with Stacks, Queues, List, Searching and Sorting algorithms etc.,</li> </ul>
Software Project Management	<ul style="list-style-type: none"> <li>• To teach the important concepts, terms related to various phases during the development of software project and to</li> </ul>

	learn how to apply software project management techniques.
Operation System Concepts and LINUX	<ul style="list-style-type: none"> <li>To get sufficient knowledge on various system resources, system software and operating system concepts. To learn LINUX environment which includes basic commands, effective command line usage, shell programming.</li> </ul>
Database Management Systems	<ul style="list-style-type: none"> <li>To give an insight of the concepts of Database management systems and implement them using Database software.</li> </ul>
Computer Networks	<ul style="list-style-type: none"> <li>To offer knowledge about computer network related hardware and software using layered architecture. Provides understanding of concepts of network security and various emerging network technologies.</li> </ul>
JAVA Programming	<ul style="list-style-type: none"> <li>To inculcate knowledge of Programming logic concepts, which enables the students to create wide range of Applications and Applets using Java by understanding fundamentals of object-oriented programming in Java, including defining classes, invoking methods, using class libraries, etc.</li> </ul>
Web Application development using PHP	<ul style="list-style-type: none"> <li>To develop web programming skills using PHP and My Sequel enabling them to design websites and other web based applications.</li> </ul>
E – Commerce	<ul style="list-style-type: none"> <li>To familiarize with the concepts of Electronic Commerce and technologies involved in it.</li> </ul>
Application Development using VB.NET	<ul style="list-style-type: none"> <li>To develop applications using event driven programming with VB.NET and assessing database at the backend.</li> </ul>
Computer Graphics and Multimedia Applications	<ul style="list-style-type: none"> <li>To inculcate knowledge on Graphics &amp; Multimedia concepts and to apply the creativity in real-time using algorithms.</li> </ul>

### **BACHELOR OF BUSINESS ADMINISTRATION (BBA)**

<b>PROGRAMME OUTCOME</b>	<ul style="list-style-type: none"> <li>Students will develop as effective management professionals and take on more responsibilities in future and to give outstanding results in the area of their interest</li> <li>To provide opportunities to develop and practice professional skills essential in the workplace.</li> <li>To prepare the Students will be armed with skills which will enable them to think critically, research and analyse information and apply it in modern business contexts.</li> </ul>
<b>PROGRAMME SPECIFIC OUTCOME</b>	<ul style="list-style-type: none"> <li>To introduce students to a range of core business disciplines, including marketing, accounting, human resources management, internet systems and organizational behaviour.</li> <li>To meet the needs of small and medium enterprises as well as large corporations. It will give a professional qualification to those engaged in the administration and management of businesses and other organizations, including public, private and not- for-profit organizations.</li> <li>The ability to understand, analyse and apply management concepts in the areas related to marketing, human resources and</li> </ul>

	finance for efficient running of the business organisation of varying complexity in competitive era.
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### COURSE OUTCOMES

COURSE NAME	COURSE OUTCOMES
Business statistics	<ul style="list-style-type: none"> <li>To impart the students about the basic knowledge of statistics.</li> </ul>
Fundamentals of Information Technology	<ul style="list-style-type: none"> <li>To provide fundamental knowledge about IT and To familiarize with computing software like MS Word, MS Excel,</li> </ul>
Management Concepts and Practices	<ul style="list-style-type: none"> <li>To understand the Principles &amp; functions of Management, Process of decision making, Modern trends in management process.</li> </ul>
Financial Accounting	<ul style="list-style-type: none"> <li>To familiarize the students with the basic accounting principles and techniques of preparing and presenting the accounts for user of accounting information.</li> </ul>
Essentials of Business Economics I	<ul style="list-style-type: none"> <li>To study the basic concepts of micro and macroeconomics relevant for Business decision making and helping them to understand the application of economic principles in business management.</li> </ul>
Managerial & Soft Skills Management	<ul style="list-style-type: none"> <li>To develop the personality of the students to achieve excellence in their career development. To equip students with necessary soft skills, to enhance their competitive edge in the job market.</li> </ul>
Essential of Business Economics II	<ul style="list-style-type: none"> <li>To provide the knowledge of basic concepts of the Macro Economics. Modern tools of Macro Economic analysis are discussed at length.</li> </ul>
Business Laws	<ul style="list-style-type: none"> <li>To inculcate knowledge on various laws relating to business such as law of contract, law of sale of goods, law of agency, Negotiable Instruments Act etc.</li> </ul>
Psychology for Managers	<ul style="list-style-type: none"> <li>to provide broad understanding of basic concepts and techniques related to the study of human behaviours in work-environment and to manage behavioural aspects of organisation</li> </ul>
Financial Management	<ul style="list-style-type: none"> <li>To understand the functions of Finance, Cost of capital, Capital structure, Capital Budgeting, Working Capital Management.</li> </ul>
Operation Research	<ul style="list-style-type: none"> <li>To understand the concept of operations Research and its applications in managerial decisions.</li> </ul>
Marketing Management	<ul style="list-style-type: none"> <li>To understand the Principles of marketing management, market segmentation Product life cycle, pricing, branding etc.</li> </ul>
Economics of Money & Banking	<ul style="list-style-type: none"> <li>To understand basic concepts of economics of money and banking</li> </ul>
Regulatory Framework For Companies	<ul style="list-style-type: none"> <li>To impart basic knowledge of the provisions of the Companies Act 2013 with relevant case laws.</li> </ul>
Direct Tax Laws	<ul style="list-style-type: none"> <li>To understand the Principles of Direct and Indirect Taxes Calculation of Tax, Tax Authorities, Procedures.</li> </ul>

Project Management	<ul style="list-style-type: none"> <li>To acquire basic knowledge of different facets of Project Management and its techniques.</li> </ul>
Research Methodology	<ul style="list-style-type: none"> <li>To study the research methodology for decision making in business. To Conduct the survey, filling up questionnaire and prepare research reports.</li> </ul>
Human Resource Management	<ul style="list-style-type: none"> <li>To understand the functions of Human Resource /Personnel Department, Manpower planning, performance appraisal, Salary administration, Labour Welfare, Industrial Relations etc.</li> </ul>
Goods and Service Tax	<ul style="list-style-type: none"> <li>Understanding of basics of GST</li> </ul>
Database Management System	<ul style="list-style-type: none"> <li>To give an insight of the concepts of Database management systems and implement them using Database software</li> </ul>
Insurance and Risk Management	<ul style="list-style-type: none"> <li>To familiarize students with the principles and practices being followed in the insurance sector. The students will also learn risk management process and applications.</li> </ul>
International Business	<ul style="list-style-type: none"> <li>To familiarize students with the concepts, importance and dynamics of international business. Also discusses theoretical foundations of international business to the extent these are relevant to understand the mechanics of global business operations and development.</li> </ul>
Business Environment	<ul style="list-style-type: none"> <li>To acquaint the students with various environmental factors that create a profound impact on the business organization. To make the students capable of analyzing and understanding the implications of different macroeconomic policies implemented by the Government.</li> </ul>
Entrepreneurship and Small Business Management	<ul style="list-style-type: none"> <li>To familiarize the budding entrepreneurs with the competencies and qualities of successful entrepreneurs and to help learners understand various issues involved in setting up a private enterprise and develop required entrepreneurial skills in economic development.</li> </ul>
Consumer Behaviour	<ul style="list-style-type: none"> <li>To understand the process of consumer behaviour, issues and dimensions, various internal and external factors that influence consumer behaviour and to apply this understanding to the development of marketing strategy.</li> </ul>
Sales And Distribution Management	<ul style="list-style-type: none"> <li>To acquaint the student with the concepts which are helpful in developing a sound sales and distribution policy and in organizing and managing sales force and marketing channels.</li> </ul>
Financial Markets And Services	<ul style="list-style-type: none"> <li>To advance the understanding of fundamental concepts of financial markets, financial instruments in various markets and important financial services.</li> </ul>
Investment Management	<ul style="list-style-type: none"> <li>To advance the understanding of fundamental concepts of security analyses, and working knowledge of portfolio management and evaluation</li> </ul>
Social Security & Labour Welfare	<ul style="list-style-type: none"> <li>To acquaint the students with the two important aspects of Industrial Relations namely Social Security and Labour Welfare.</li> </ul>

Industrial Relations And Labour Legislations	<ul style="list-style-type: none"> <li>To acquaint the students with the different aspects of Industrial Relations and the relating labour laws</li> </ul>
Business Policy And Strategy	<ul style="list-style-type: none"> <li>To give an insight into the strategic planning process done by organizations and to learn basics of that how a strategy is formed and finally implemented by organizations.</li> </ul>
Production And Operations Management	<ul style="list-style-type: none"> <li>To impart knowledge regarding production and operation management tools, techniques and processes and familiarize students how to take managerial decisions with respect to production function.</li> </ul>
Social And Ethical Issues In Business	<ul style="list-style-type: none"> <li>To familiarize the students with the importance of ethics in business and understanding of issues related to corporate social responsibility and corporate governance.</li> </ul>
Advertising And Brand Management	<ul style="list-style-type: none"> <li>To provide an understanding of the basic principles of advertising management, nature, purpose &amp; complex constructions in the planning and execution of a successful advertising program and to develop an interest of the brand concept and the operational aspects of managing a brand.</li> </ul>
Project Report And Viva Voce	<ul style="list-style-type: none"> <li>For conducting research, a structured and scientific approach should be followed by students. Apart from introduction chapter, research project should have chapters related to review of literature (in brief), research methodology, data analysis and interpretation and summary and conclusion.</li> </ul>
Marketing Of Services	<ul style="list-style-type: none"> <li>To apply marketing concepts and principles to the unique challenges and opportunities of services marketing to create customer value.</li> </ul>
Cost Analysis And Control	<ul style="list-style-type: none"> <li>To provide knowledge to the students about the various components of the cost and techniques of cost control.</li> </ul>
Accounting For Management	<ul style="list-style-type: none"> <li>To acquaint students with concepts of cost and management accounting and their application in managerial decision making</li> </ul>
Human Resource Planning And Performance Management	<ul style="list-style-type: none"> <li>To help the students gain conceptual understanding of Human resource planning and performance management within an organization.</li> </ul>
Compensation Management	<ul style="list-style-type: none"> <li>To help the students understand basics of managing compensation systems of an organization and understand its application.</li> </ul>

## **BACHELOR OF SCIENCE**

<b>PROGRAMME OUTCOME</b>	<ul style="list-style-type: none"> <li>Apply the knowledge of Technology, Mathematics, Networks and computing in the core information technologies.</li> <li>Develop knowledge of scientific theories and methods, gain experience in working independently with scientific questions and their ability to express clearly on academic issues keeping in view legal, ethical, social security and issues.</li> <li>Analyse the local and global impact of computing on individuals, organizations, and society.</li> </ul>
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<b>PROGRAMME SPECIFIC OUTCOME</b>	<ul style="list-style-type: none"> <li>• Physics deals with a wide variety of systems, certain theories are used by all physicists.</li> <li>• The theory of classical mechanics (it is a branch of physics) accurately describes the motion of objects, provided they are much larger than atoms and moving at much less than the speed of light. These theories continue to be areas of active research today.</li> <li>• To be familiarised with the emerging areas of Chemistry and their applications in various spheres of Chemical sciences and to apprise the students of its relevance in future studies.</li> <li>• Technologies based on mathematics, like computation have made computational physics an active area of research.</li> </ul>
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### COURSE OUTCOMES

COURSE NAME	COURSE OUTCOMES
Mechanics I and II	<ul style="list-style-type: none"> <li>• It includes parameters defining the motion of mechanical systems and their degrees of freedom, study of the interaction of forces between solids in mechanical systems and application of the vector theorems of mechanics and interpretation of their results.</li> </ul>
Vibrations, Waves and EM Theory I and II	<ul style="list-style-type: none"> <li>• To understand the concepts of mechanics, acoustics and the properties of matter, physical characteristics of SHM and obtaining solution of the oscillator using differential equations, solve wave equation and understand significance of transverse waves.</li> </ul>
Electricity and Magnetism I and II	<ul style="list-style-type: none"> <li>• To Gain Knowledge on the basic concepts of electric and magnetic fields , the concept of conductors, dielectrics, inductance and capacitance, the concept of basic electronics and applications of digital electronics and obtain knowledge on oscillators, transistors and h-parameters.</li> </ul>
Statistical Physics And Thermodynamics I and II	<ul style="list-style-type: none"> <li>• Gain knowledge about classical and quantum statistical mechanics, including Boltzmann. To understand Statistical Mechanics, and show a critical awareness of the significance and importance of the topics, methods and techniques and to understand implications of the second law of thermodynamics and limitations placed by the second law on the performance of thermodynamic systems.</li> </ul>
Optics And Lasers I and II	<ul style="list-style-type: none"> <li>• To gain knowledge on various theories of light, acquire skills to identify and apply formulas of optics and wave physics, understand the properties of light like reflection, refraction, interference, diffraction etc, to understand the applications of diffraction and polarization.</li> </ul>
Quantum Physics I and II	<ul style="list-style-type: none"> <li>• To evaluate the partial wave analysis using Born approximation method, to study alpha decay, analyse the interaction of an atom with electromagnetic radiation and the relativistic quantum mechanics using Klein Gordon equation and to explore the properties of gamma matrices.</li> </ul>

Advanced Calculus I and II	<ul style="list-style-type: none"> <li>It proposes an in-depth and rigorous discussion of the fundamental tools of real analysis and calculus, such as limits, sequences, continuity and differentiability of functions. The aim is to make the students familiar with mathematical reasoning (analysing definitions, understanding and constructing proofs, etc...).</li> </ul>
Differential Equations I and II	<ul style="list-style-type: none"> <li>To explain the concept of differential equation, classifies the differential equations with respect to their order and linearity, explains the meaning of solution of a differential equation.</li> </ul>
Statics	<ul style="list-style-type: none"> <li>To recognize the importance and value of mathematical and statistical thinking, training, and approach to problem solving, on a diverse variety of disciplines and be familiar with a variety of examples where mathematics or statistics helps accurately explain abstract or physical phenomena.</li> </ul>
Dynamics	<ul style="list-style-type: none"> <li>To understand and use basic terms for the description of the motion of particles, vector functions and the fundamental laws of Newtonian mechanics, apply Newton's second law in vector form to problems in more than one dimension.</li> </ul>
Condensed Matter Physics – I & II	<ul style="list-style-type: none"> <li>To aware the students about the field of Condensed matter physics, enable the students, to understand about the crystal structure, interaction with X-ray, lattice vibrations, defects, electronic properties and the magnetic properties etc., to understand various properties about crystals.</li> </ul>
Electronics and Solid State Devices – I & II	<ul style="list-style-type: none"> <li>It expands significantly on the simple models of electronic devices and uses concepts of solid-state physics. It provides a detailed understanding of the physics, design, operation and limitations of important solid state electronic and optoelectronic devices used by electrical and telecommunications engineers.</li> </ul>
Nuclear & Particle Physics – I & II	<ul style="list-style-type: none"> <li>To introduce students to the fundamental principles and concepts governing nuclear and particle physics, observational aspects of nuclei, including their binding energy, size, spin and parity, nuclear models: liquid drop and shell models and the semi-empirical mass formula and deductions from it concerning nuclear stability.</li> </ul>
Inorganic Chemistry ( PAPER – I, V, IX, XIII ,XVII, XXI )	<ul style="list-style-type: none"> <li>Developing ability to apply the knowledge on contents of principles of chemistry. To develop interest among students in various branches of inorganic chemistry. To impart essential theoretical knowledge on atomic structure, periodic properties, chemical bonding, and nuclear chemistry. Developing the power of appreciation, the achievement in chemistry and role in nature and society.</li> </ul>
Organic Chemistry (PAPER – II, VI, X, XIV, XVIII, XXII)	<ul style="list-style-type: none"> <li>To make students capable of understanding and studying nomenclature and classification of organic compounds, organic reactions. To have exposure to various emerging new areas of organic chemistry. Creating scientific approach towards various chemical reactions.</li> </ul>
Physical Chemistry	<ul style="list-style-type: none"> <li>To enable the students to get a clear idea about the molecular structure. To make students capable of</li> </ul>

(PAPER – III, VII, XI , XV, XIX, XXIII )	understanding and studying electrical and nuclear properties of molecules. Developing working knowledge of instrument.
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## **BACHELOR OF COMMERCE (HONOURS)**

### **COURSE OUTCOMES**

<b>COURSE NAME</b>	<b>COURSE OUTCOMES</b>
Consumer Behaviour	<ul style="list-style-type: none"> <li>To understand the process of consumer behaviour, the various external and internal factors that influence consumer behaviour and to apply the concept to the development of marketing strategy</li> </ul>
Compensation Management	<ul style="list-style-type: none"> <li>To design and administer a compensation system that rewards employees fairly while satisfying customer demands and permitting the organization to operate profitably.</li> </ul>
Training & Development	<ul style="list-style-type: none"> <li>Aims at educating students regarding the concept of training and development in an organization.</li> </ul>
Advertising And Brand Management	<ul style="list-style-type: none"> <li>To provide an understanding of the principles of advertising and brand management.</li> </ul>
Development Economics	<ul style="list-style-type: none"> <li>To provide broad understanding about the basic concepts, theories and policies regarding economic development and growth.</li> </ul>
Industrial Economics	<ul style="list-style-type: none"> <li>To provide basic knowledge about concepts, theories and policies regarding industrial structure and growth.</li> </ul>
Money And Banking	<ul style="list-style-type: none"> <li>To study the theory and functioning of the monetary and banking sectors of the economy.</li> </ul>
International Economics	<ul style="list-style-type: none"> <li>To provide basic knowledge to the students about International Economics.</li> </ul>

## **POST GRADUATE DIPLOMA IN COMPUTER APPLICATIONS (PGDCA)**

<b>PROGRAMME OUTCOME</b>	<ul style="list-style-type: none"> <li>To prepare Post Graduates for productive careers in software industry, corporate sector, govt. organisations and academia by providing skill based environment for teaching and research in the core and emerging areas of the discipline.</li> <li>The thrust is on giving the students a thorough and sound background in theoretical and application-oriented courses relevant to the latest computer software development.</li> <li>Emphasizes the application of software technology to solve mathematical, computing, communications/networking and commercial problems.</li> </ul>
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	<ul style="list-style-type: none"> <li>Exhibit effective work ethics and be able to adapt to the challenges of a dynamic job environment</li> </ul>
<b>PROGRAMME SPECIFIC OUTCOME</b>	<ul style="list-style-type: none"> <li>PGDCA graduates will have successful careers based on their understanding of formal and practical methods of Application Development using the concepts of computer programming, software and design principles.</li> <li>Will be able to demonstrate analytical and design skills including the ability to generate creative solutions and foster team oriented, professionalism through effective communication in their careers.</li> <li>Will be able to develop and prepare documents, projects, presentations, design websites and demonstrate skills in running software programs.</li> </ul>

### COURSE OUTCOMES

<b>COURSE NAME</b>	<b>COURSE OUTCOMES</b>
Computer Fundamentals	<ul style="list-style-type: none"> <li>To familiarize students with basic concepts related to Computers, DOS, Windows, Linux and application software's like Word-processing, Spreadsheet Software and Presentation Software.</li> </ul>
Computer Programming Using C	<ul style="list-style-type: none"> <li>to familiarize students with programming concepts of 'C' including functions, Arrays, strings etc.</li> </ul>
Data Base Management System	<ul style="list-style-type: none"> <li>To give an insight of the concepts of Database management systems and implement them using Database software and SQL.</li> </ul>
Data Communications and Networks	<ul style="list-style-type: none"> <li>To make the students understand Layered structure of Networks and working of different Layered.</li> </ul>
Object Oriented Concepts Using JAVA	<ul style="list-style-type: none"> <li>To familiarize students with Object Oriented concepts including inheritance, visibility control etc. using JAVA programming language.</li> </ul>
Web Technologies	<ul style="list-style-type: none"> <li>To familiarize students with concepts of HTML, CSS, JAVA Scripts and PHP.</li> </ul>
Software Engineering	<ul style="list-style-type: none"> <li>To understand concepts related to Software Engineering including process model, project management, and design and testing.</li> </ul>
Computer Based Accounting	<ul style="list-style-type: none"> <li>To understand accounting principle and computerized accounting.</li> </ul>
Project Work	<ul style="list-style-type: none"> <li>Major Project on any database application using any database development tool is to be developed/ Development of a Web Site using Database connectivity</li> </ul>

## MASTER OF COMMERCE (M.COM)

<b>PROGRAMME OUTCOME</b>	<ul style="list-style-type: none"> <li>• To provide well trained professionals for the Industries, Banking Sectors, Insurance Companies, Financing companies, Logistics, distribution channel management, Application of Information technology in Business, Alternative investment management technique etc., to meet the well trained manpower requirements.</li> <li>• To become a Centre of Academic Excellence with total commitment to Quality Education in Commerce with finance specialization.</li> <li>• To raise entrepreneurs and finance professionals in the field of Banking, Insurance, Manufacturing industries and IT sectors.</li> </ul>
<b>PROGRAMME SPECIFIC OUTCOME</b>	<ul style="list-style-type: none"> <li>• Adapt to recent changes in Marketing, Human Resource, Taxation, Environment and in investment of securities</li> <li>• Using statistical tools in Behavioural research for business decision making</li> <li>• Analyse and evaluate the operation of the business related issues.</li> <li>• Apply relevant financial tools in Manufacturing and Service operations.</li> <li>• Make a foundation to pursue career in teaching and for advance studies</li> </ul>

### COURSE OUTCOMES

COURSE NAME	COURSE OUTCOMES
Managerial Economics	<ul style="list-style-type: none"> <li>• To acquaint students with the concepts of micro-economic theory and their use in business decision making. The effort is to make them capable of using various concepts to deal with business problems in a global economic environment.</li> </ul>
Quantitative Methods For Business	<ul style="list-style-type: none"> <li>• To acquaint students with some of the important statistical techniques for managerial decision making. The emphasis will be on their applications to business and economic situations.</li> </ul>
Modern Accounting Theory & Reporting Practices	<ul style="list-style-type: none"> <li>• To equip the students with the required knowledge of International financial reporting standards and practice and to achieve a clear conceptual understanding of the IFRS and possess sufficient knowledge expected out of an expert.</li> </ul>
Organisation Theory And Behaviour	<ul style="list-style-type: none"> <li>• To develop a theoretical understanding among students about the structure and behaviour of organization as it develops over time. The course will also make them capable of realizing the competitiveness for firms.</li> </ul>
Marketing Management	<ul style="list-style-type: none"> <li>• To familiarize the students with the basic concepts and principles of marketing and to develop their conceptual and analytical skills to be able to manage marketing operations of a business firm.</li> </ul>
Management Information System	<ul style="list-style-type: none"> <li>• To offer a comprehensive overview of Management information systems (MIS). It will explore technical, strategic and tactical issues related to MIS. Basic concepts in analysing and designing information systems will be presented.</li> </ul>

Workshop On It Applications In Commerce	<ul style="list-style-type: none"> <li>To expose the students with the use of IT technologies to solve business problems regarding various functional areas of business.</li> </ul>
Business Environment	<ul style="list-style-type: none"> <li>To acquaint students with the concepts of macro – economics and the macro environment in which a business organization operates and to make the student capable of analysing and understanding the macroeconomic policies of the government implemented from time to time and assess their impact on business.</li> </ul>
Research Methodology In Commerce	<ul style="list-style-type: none"> <li>To impart knowledge about various stages of the research processes and their application in Commerce and Management Education.</li> </ul>
Financial Management And Policy	<ul style="list-style-type: none"> <li>To acquaint the students with the basic analytical techniques and methods of financial management of business firms and provides exposure to certain sophisticated and analytical techniques that are used for taking financial policy decisions.</li> </ul>
Production And Materials Management	<ul style="list-style-type: none"> <li>To impart knowledge regarding production and management techniques, process, tools, and acquaint the students with the knowledge of marketing functions, techniques and strategies.</li> </ul>
Operations Research	<ul style="list-style-type: none"> <li>To understand the concepts and techniques of Operations Research for business decision making and to acquire required skills to solve various problems in OR.</li> </ul>
Business Policy & Strategic Management	<ul style="list-style-type: none"> <li>To develop an understanding of the basic inputs in making and implementing corporate strategic decisions and also familiarize them with the issues and practices involved.</li> </ul>
Business Performance Measurement	<ul style="list-style-type: none"> <li>To make the students familiar with the performance measurement techniques for business.</li> </ul>
Tax Planning And Management	<ul style="list-style-type: none"> <li>To familiarize the student with major latest provisions of the Indian tax laws and related judicial pronouncements pertaining to corporate enterprises having implications for various aspects of Corporate planning with a view to derive maximum possible tax benefits admissible under the law</li> </ul>
Integrated Marketing Communication & Brand Equity	<ul style="list-style-type: none"> <li>To introduce the students to the integrated role of promotion techniques with the special emphasis on advertising</li> </ul>
Marketing Research	<ul style="list-style-type: none"> <li>To expose the students to the concept, tools and techniques of marketing research and developing their skills to be able to apply research techniques to aid marketing decision making.</li> </ul>
Human Resource Development	<ul style="list-style-type: none"> <li>To make student aware of the concepts, techniques and practices of human resource development and to make students capable of applying the principles and techniques as professionals in organizations they work for</li> </ul>
Industrial Relations	<ul style="list-style-type: none"> <li>To make student aware of the concept of industrial relations and to make them understand the importance of industrial relations for an organization and how these relations provide dynamics to organizations.</li> </ul>
India's Foreign Trade And Investment	<ul style="list-style-type: none"> <li>To acquaint the students with structure and policy framework of India's foreign trade and investments.</li> </ul>

Management Of International Business Operations	<ul style="list-style-type: none"> <li>To acquaint the students with the management of international business operations of a business firm.</li> </ul>
Strategic Cost Management	<ul style="list-style-type: none"> <li>To acquaint the students with concepts and various aspects of cost management from strategic perspective.</li> </ul>
International Accounting	<ul style="list-style-type: none"> <li>To develop some conceptual knowledge and understanding of international accounting issues and to make students capable of tackling issues in prevailing regulatory environments.</li> </ul>
Industrial Economics	<ul style="list-style-type: none"> <li>To acquaint students of economic concepts as applied to industrial behaviour and to make student capable to analyse and take decisions in respect of a firm's or industry's operations.</li> </ul>
Applied Econometrics	<ul style="list-style-type: none"> <li>To acquaint students of the methodology of econometrics and make them capable of applying it to business problems and emphasize on application aspects with theoretical understanding</li> </ul>
Bank Management	<ul style="list-style-type: none"> <li>To acquaint the students with the emerging trends in Indian Banking and Insurance industry.</li> </ul>
Insurance Management	<ul style="list-style-type: none"> <li>To familiarize with the concept of insurance, the risk and its management, various insurance policies and their structure along with the legal dimensions involved. Also aims at providing the knowledge of Insurance Company's Management.</li> </ul>
Workshop On Financial Markets & Instruments	<ul style="list-style-type: none"> <li>To provide an overview of the financial system in India and functioning of various segments of the financial markets and the financial instruments traded in those markets.</li> </ul>
Project Planning And Control	<ul style="list-style-type: none"> <li>To provide the student with skills necessary to create, plan and control a new Enterprise.</li> </ul>
Knowledge Management	<ul style="list-style-type: none"> <li>To create awareness amongst the students to know the details of Knowledge Management in the changing scenario and its significance in framing the business strategy</li> </ul>
Business Ethics And Corporate Governance	<ul style="list-style-type: none"> <li>To develop an understanding of the underlying concepts of Corporate Governance, business ethics and CSR which are relevant to the contemporary business environment.</li> </ul>
Advertising And Sales Management	<ul style="list-style-type: none"> <li>To develop an in-depth understanding of the modern concepts and latest techniques of advertising and personal selling and sales force Management which constitute a fast -growing area of marketing</li> </ul>
Services Marketing	<ul style="list-style-type: none"> <li>To understand the service product and key elements of services marketing mix. Another objective deals with managing the service delivery process and the implementation of services marketing</li> </ul>
Consumer Behaviour	<ul style="list-style-type: none"> <li>To provide an in-depth understanding of the consumer and industrial buying processes and their determinants as relevant for marketing decision making.</li> </ul>
Organisational Change And Development	<ul style="list-style-type: none"> <li>to provide I depth understanding of behavioural interventions and enable the students to apply these intervention for building individual, team, system, systems and process related competencies and helping organizational to achieve peak performance and become self-sustaining.</li> </ul>

Training And Development	<ul style="list-style-type: none"> <li>To familiarize with basic concepts and principles of Training and Development of Human Resource and to understand the learning environment of a firm.</li> </ul>
Compensation Management	<ul style="list-style-type: none"> <li>To promote understanding in issues related to compensation in corporate sector and impart skills in designing, analysing and restructuring compensation management system, policies and strategies.</li> </ul>
International Business Environment	<ul style="list-style-type: none"> <li>Describe how it differs from domestic business with respect to laws, regulations and taxation and describe and compare strategies for internationalization.</li> </ul>
Global Financial Management	<ul style="list-style-type: none"> <li>Understanding the nature of international financial markets, risk management and practical implications of finance theory and its application in international market.</li> </ul>
International Marketing Management	<ul style="list-style-type: none"> <li>To gain knowledge about international marketing environment, the international marketing mix, and international marketing strategy.</li> </ul>
Advanced Corporate Accounting	<ul style="list-style-type: none"> <li>To enable the students to learn the advanced accounting in the field of corporate world.</li> </ul>
Security Analysis And Portfolio Management	<ul style="list-style-type: none"> <li>To enable the students to understand various techniques of analysis used in investment decisions, portfolio analysis and efficient portfolio management.</li> </ul>
Advanced Auditing	<ul style="list-style-type: none"> <li>To provide in-depth knowledge of the auditing contemporary issues particularly related to the company audit.</li> </ul>
Macro-Economic Analysis And Policy	<ul style="list-style-type: none"> <li>To provide grounding in basic macroeconomic theory and policy, with a focus on applications, especially in context of developing economies like India.</li> </ul>
Economics Of Services	<ul style="list-style-type: none"> <li>To acquaint the students with the economics of various kinds of services and its related issues.</li> </ul>
World Trading System	<ul style="list-style-type: none"> <li>It focuses on analysing the gains from trade, the changing patterns of trade, the income distributional consequences of liberalising foreign trade, the relationship between trade, investment, and economic growth, and the reasons for and consequences of trade policies.</li> </ul>
Bank Legislation	<ul style="list-style-type: none"> <li>To apprise the students with the banking law and practice and develop an understanding of various laws affecting banks.</li> </ul>
Risk Management	<ul style="list-style-type: none"> <li>To provide an understanding and an appreciation of the principles and practices of risk management in order to enable production of the optimum strategy for the handling of risk in an organisation.</li> </ul>
Actuarial Sciences	<ul style="list-style-type: none"> <li>To equip the student with the principles and techniques of actuarial practice. The paper requires at least a prior general knowledge of mathematics and statistics.</li> </ul>



## MASTER OF ARTS IN ECONOMICS

<b>PROGRAMME OUTCOME</b>	<ul style="list-style-type: none"> <li>• Includes a mix of theory, methods, research and field courses that will be very fruitful for economic development of country.</li> <li>• With a master degree in economics one is expected to have comprehensive knowledge of modern economics as an academic discipline.</li> <li>• A student can have depth knowledge at about economic theory regarding the way in which economy is influenced by economics policies.</li> <li>• It provides a deep insight of finance and management sectors and civilizes the soft skill of a student which makes him /her au fait to face any challenge in public sector.</li> </ul>
<b>PROGRAMME SPECIFIC OUTCOME</b>	<ul style="list-style-type: none"> <li>• Prepares students for entry to Industry, Business School and doctoral programs in Economics, for working with Banking, Consultancy, interest groups, non-profit organizations and policy think tanks and for positions in local, state, and federal legislative and bureaucratic offices.</li> <li>• Develop critical thinking skills to analyse economic information and develop solutions to economic problems.</li> <li>• Also expected to be able to use theoretical and empirical methods to analyse economic problems and to plan and carry out a research project.</li> <li>• Provides in depth knowledge about economic theory regarding the utilisation and allocation of resources, including labour, natural resources and capital</li> </ul>

### COURSE OUTCOMES

COURSE NAME	COURSE OUTCOMES
Micro Economics-I	<ul style="list-style-type: none"> <li>• To equip the students with theoretical concepts, methodology and process of reasoning involved in analysing economic behaviour of individuals, firms and markets using, in general, a static and partial equilibrium framework.</li> </ul>
Contemporary Issues In Indian Economy – I	<ul style="list-style-type: none"> <li>• To acquaint the students with the performance of different sectors of the Indian economy and the policy framework governing them. This will provide them an insight into the past, present and future functioning of the Indian economy and strengthen their analytical capability.</li> </ul>
Quantitative Methods –I	<ul style="list-style-type: none"> <li>• To train the students in the use of mathematical and statistical tools in analysing economic problems. The course content contains simple tools and techniques, thought necessary for data collection, presentation, analysis and drawing inferences about various statistical hypotheses.</li> </ul>
Economics Of Public Finance	<ul style="list-style-type: none"> <li>• It combines a thorough understanding of fiscal institutions with a careful analysis of the issues which underline budgetary policies in general and Indian experience in particular.</li> </ul>

International Economics	<ul style="list-style-type: none"> <li>To provide a deep understanding about the broad principles and theories, which tend to govern the free flow of trade in goods, services and capital – both short-term and long-term – at the global level. Help to examine the impact of the trade policies followed both at the national and international levels as also their welfare implications at macro level and the distribution of gains from trade.</li> </ul>
Macro - Economics-I	<ul style="list-style-type: none"> <li>The aggregate analysis has assumed such a great significance in recent times that a prior understanding of macroeconomic theoretical structure is considered essential for the proper comprehension of the different issues and policies. Macroeconomics now is not only a scientific method of analysis; but also a body of empirical economic knowledge. The paper entitled “Macro-Economics-I” equips the students at the postgraduate level to understand systemic facts and latest theoretical developments for empirical analysis.</li> </ul>
Economics Of Growth And Development –I	<ul style="list-style-type: none"> <li>Modules incorporated in this paper are devoted to the theories of growth and development, importance of agriculture, and the rational and pattern of industrialization in developing countries. The other important issues in the context of development such as infrastructure-linkages, role of international trade, importance of economic policies and relevance of planning have been included.</li> </ul>
Economics Of Agriculture-I	<ul style="list-style-type: none"> <li>To introduce students to the importance of agricultural sector and to the issues associated with agricultural transformation, agricultural production, and demand of and supply for agricultural commodities.</li> </ul>
Economics Of Industry-I	<ul style="list-style-type: none"> <li>It intends to provide a rigorous knowledge of different long-run equilibrium outcome of firms under different conditions from the point of view of public policy. The students are also equipped to deal with debates involved in the industrial development in a cogent and analytical manner.</li> </ul>
Basic Econometrics	<ul style="list-style-type: none"> <li>To equip the students with basic theory of econometrics and relevant applications of the methods and includes various problems faced in estimation of both single equations and simultaneous equation models.</li> </ul>
Economics Of Population	<ul style="list-style-type: none"> <li>To make aware about the importance of population in economic development and the various theories that explain the growth of population in a country. The study of Quantitative and Qualitative composition of population is also required to understand the dynamics of population growth.</li> </ul>
Economics Of Human Resource Development	<ul style="list-style-type: none"> <li>To equip the students with theoretical concepts, methodology and process of reasoning involved in analysing economic behaviour of individuals, firms and markets using, in general, a static and partial equilibrium framework.</li> </ul>
Macro - Economics-Ii	<ul style="list-style-type: none"> <li>Equips the students to understand systemic facts and latest theoretical developments for empirical analysis.</li> </ul>
Economics Of Growth And Development –Ii	<ul style="list-style-type: none"> <li>To look at the process of growth and development in terms of its characteristics such as structural transformation, pattern of distribution of income, its inter-sectorial interface. It also</li> </ul>

	aims to take up issues pertaining to the emerging global scenario.
Mathematical Economics	<ul style="list-style-type: none"> <li>To equip students to understand the economic concepts and theories by using mathematical tools and techniques to refine the verbal logic. The use of calculus has permitted formulation of economic problems in multivariable mode and yield valuable insight about optimizing human behaviour. Modern algebraic tools allow convenient handling of simultaneous equations in the context of linear programming, game theory and input-output analysis.</li> </ul>
Economics Of Money And Banking	<ul style="list-style-type: none"> <li>It is an optimal integration of monetary theory, banking and non-banking financial institutions, which combines with itself a systematic discussion of the theory, institutions and policy with special reference to India.</li> </ul>
Economics Of Financial Markets And Institutions	<ul style="list-style-type: none"> <li>Highlights theory and practice of different financial institutions and markets to understand and analyse the interconnection between the monetary forces and real forces, their developmental role and limitations in shaping and influencing the monetary and related policies both at the national and international levels.</li> </ul>
Advanced Econometrics	<ul style="list-style-type: none"> <li>To equip the students with basic theory of econometrics and relevant applications of the methods. The topics include various problems faced in estimation of both single equations and simultaneous equations models.</li> </ul>

## **BACHELOR OF ARTS (B.A.)**

<b>PROGRAMME OUTCOME</b>	<ul style="list-style-type: none"> <li>It provides students with a broad range of disciplinary and interdisciplinary studies from across the University, with a strong focus on aspects of human culture and achievements in social and behavioural sciences.</li> <li>Arts degrees are focused on increasing a student's knowledge and critical thinking skills in a variety of areas – Literature, History, Political Science, Sociology Economics etc.</li> <li>The course aims to provide students with a basis of sound knowledge in their chosen areas of study, the ability to apply the knowledge they have required, the ability to communicate effectively in arrange of ways, the ability to work both independently and collaboratively, the skills to connect across geographical, disciplinary, social and cultural boundaries, an understanding of the value of ethical behaviour, independent and lifelong learning skills.</li> </ul>
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## ECONOMICS

COURSE NAME	COURSE OUTCOMES
MICRO ECONOMICS	<ul style="list-style-type: none"> <li>Microeconomics is concerned with the analysis of economic phenomena from the perspective of the individual. It covers the basic concepts and tools needed to undertake the analysis of such problems that arise due to the law of scarcity. Also aims at introduction of the functioning of competitive and non-competitive product markets and performance of the markets for resources.</li> </ul>
MACRO ECONOMICS	<ul style="list-style-type: none"> <li>To familiarize the student with the generally accepted principles of macroeconomics and deals with aggregates i.e. consumers as a whole, producers as a whole, exporters and importers as a whole, the effects of government spending and taxation, and the monetary policy of the central bank. It includes the basic theories of determination of income, consumption, investment, employment, money and interest, inflation, Monetary and Fiscal policies, and business cycles.</li> </ul>
PUBLIC FINANCE AND INTERNATIONAL ECONOMICS	<ul style="list-style-type: none"> <li>To introduce the students to the basics of public finance and international trade and primary functions of government to generate resources from the people and to spend money improving their lives. Basic theories of international trade and commercial policies, balance of payments, determination of exchange rates and role of international financial institutions.</li> </ul>
QUANTITATIVE METHODS	<ul style="list-style-type: none"> <li>To train the students in the use of basic mathematical and statistical tools in analysing various economic phenomenon and deals with the design of how data is presented, the analysis of the data, and the drawing of conclusions from the data. It aims to improve decision-making accuracy of the students and enabling them to test new ideas.</li> </ul>
MONEY AND BANKING	<ul style="list-style-type: none"> <li>To familiarize with the important components towards understanding of economics. A clear understanding of the operations of money and banking and their interaction with the rest of the economy is essential to realize how monetary forces operate through a multitude channels- market, non-market, institutes and among others, the state. The operation of financial markets and their regulations are to be studied to appreciate their key-role in an economy, especially after the far reaching banking and financial sector reforms in India and elsewhere. The present course is designed to acquaint the students fully with the changing role of financial institutes in the process of growth and development. Accordingly, the paper on 'Economics of Money and banking' is an optimal interaction of monetary theory, banking and non-banking financial institutes, which combines with itself a systematic discussion of the theory, institutions and policy with special reference to India.</li> </ul>
INTERNATIONAL ECONOMICS	<ul style="list-style-type: none"> <li>To provide a deep understanding about the broad principles and theories, which tend to govern the free flow of trade in goods, services and capital- both short-term and long-term- at the global level. The contents of the paper spread over the different modules, lay stress on the theory and nature of the</li> </ul>

	subject which, in turn, will greatly help them to examine the impact of the trade policies followed both at the national and international levels as also their welfare implications at macro level and the distribution of gains from trade.
INTRODUCTION TO ECONOMETRICS	<ul style="list-style-type: none"> <li>To equip the students with basic theory of econometrics and relevant application of the methods. The topics covered in the course include various problems faced in estimation of both single equations and simultaneous models. Besides the time-tested method of imparting verbal instructions through lectures, description and derivation of econometric models would be demonstrated by extensive use of blackboard.</li> </ul>
ENVIRONMENTAL ECONOMICS	<ul style="list-style-type: none"> <li>To make aware students about the importance of environment in economics and vice-versa. It helps them to know the ways of sustaining our resources by optimally allocating them for future use.</li> </ul>
ECONOMICS OF LABOUR	<ul style="list-style-type: none"> <li>Issues pertaining to the labour market, wage theories, employment policies, trade unions and collective bargaining in the globalized economy have become vitally important for developing countries. This paper exposes students to theoretical as well as empirical issues relating to the labour market with special reference to India.</li> </ul>
PUBLIC FINANCE	<ul style="list-style-type: none"> <li>It combines a thorough understanding of fiscal institutions with a careful analysis of the issues which underline budgetary policies in general and Indian experience in particular.</li> </ul>

## SOCIOLOGY

COURSE NAME	COURSE OUTCOMES
FUNDAMENTALS OF SOCIOLOGY	<ul style="list-style-type: none"> <li>Aims at introducing Fundamentals of Sociology to the beginners of the subject, the basic understanding about Sociology as a discipline. Study of various terms, concepts and processes will help students in formulating a Sociological Viewpoint and an easy comprehension of the discipline at later stages.</li> </ul>
SOCIOLOGY STRATIFICATION	<ul style="list-style-type: none"> <li>students are exposed to the theoretical understanding of social stratification. In the Indian context, it is pertinent to apprise the students of the concept of social mobility and various factors that contribute to it. Aims to prepare the students to understand the hierarchical structure of groups in various societies and help them understand the social mobility.</li> </ul>
SOCIAL STRUCTURE AND SOCIAL CHANGE	<ul style="list-style-type: none"> <li>Introduces students both to conceptual and some theoretical understanding of social structure and social change. Students are introduced to characteristics and elements of social structure and to understand the meaning, process and factors of social change.</li> </ul>

SOCIAL INSTITUTIONS	<ul style="list-style-type: none"> <li>• Social institution as a concept is introduced to the students. Study of various institutions which are foundations of human society, will help students to look at society in an objective and analytical way.</li> </ul>
METHODS AND TECHNIQUES OF SOCIAL RESEARCH	<ul style="list-style-type: none"> <li>• To familiarize the students with the basic elements of scientific method, various methods of data collection and social measurement.</li> </ul>
SOCIAL DEMOGRAPHY	<ul style="list-style-type: none"> <li>• exposes students to various components of population growth, data sources and basic theoretical problems of population. Concepts of mortality and fertility are discussed in general and with reference to India in particular. Students are apprised of the latest Population Policy in India.</li> </ul>
SOCIAL DEVIANCE	<ul style="list-style-type: none"> <li>• To understand the contemporary social problems in society, the students are exposed to the basic concept of deviance, its theoretical perspectives and control mechanisms.</li> </ul>

## PSYCHOLOGY

COURSE NAME	COURSE OUTCOMES
GENERAL PSYCHOLOGY-I	<ul style="list-style-type: none"> <li>• Introduces students to the general concepts and historical viewpoints in general psychology. The students would also get an understanding of the principles and theories in different areas like personality, motivation, intelligence, etc. The course also apprises them of the concept of growth and development and also introduces them to the elementary statistics.</li> </ul>
GENERAL PSYCHOLOGY	<ul style="list-style-type: none"> <li>• The students would also get an understanding of the principles and theories in different areas like personality, motivation, intelligence, etc. The course also apprises them of the concept of growth and development.</li> </ul>
EXPERIMENTAL PSYCHOLOGY	<ul style="list-style-type: none"> <li>• introduces to the students the general concepts and historical viewpoints in experimental psychology. The students would also get an understanding of the Nervous System, Psychophysics, Learning. This course will also give an insight into psychophysics, statistics and cognitive aspects of Psychology.</li> </ul>
COUNSELLING AND ORGANIZATIONAL PSYCHOLOGY	<ul style="list-style-type: none"> <li>• Its aim is to introduce the student's history, importance and classification of psychological testing and provide them with knowledge and procedure of test construction and standardization.</li> </ul>
PSYCHOLOGICAL TESTING	<ul style="list-style-type: none"> <li>• Its aim is to introduce the student's history, importance and classification of psychological testing and provide them with knowledge and procedure of test construction and standardization.</li> </ul>

## PUBLIC ADMINISTRATION

COURSE NAME	COURSE OUTCOME
ADMINISTRATIVE THEORY	<ul style="list-style-type: none"> <li>To acquaint the student with the basic concepts and principles of public administration and the evolution of public administration and its relationship with other social sciences.</li> </ul>
INDIAN ADMINISTRATION	<ul style="list-style-type: none"> <li>To give the student an in-depth understanding of various aspects of Indian administration particularly the functioning of executive, legislature and judiciary at the union and state levels. Also make them aware of the bureaucratic set up at these levels.</li> </ul>
PERSONNEL ADMINISTRATION	<ul style="list-style-type: none"> <li>To give the student an in-depth understanding of various aspects of public personnel administration particularly recruitment, training and promotion. Contemporary issues like grievance redressal machinery, corruption, morale etc. concerning administration of human resources in government will also be examined.</li> </ul>
FINANCIAL ADMINISTRATION	<ul style="list-style-type: none"> <li>To give the student an in-depth understanding of various aspects of financial administration like budgeting, auditing, centre-state financial relations etc. Also make them aware of institutions like ministry of finance, union finance commission, parliamentary committees; and concepts like direct taxes, indirect taxes, deficit financing, public debt.</li> </ul>
LOCAL GOVERNMENT	<ul style="list-style-type: none"> <li>To give the student an understanding of the concept, significance and evolution of local government in India and acquaint them with the pattern and working of divisional and district administration. The key areas covered are the types, structure, functions, finances and personnel of rural and urban local governments.</li> </ul>
DEVELOPMENT ADMINISTRATION	<ul style="list-style-type: none"> <li>To give the student an in-depth understanding about the concept &amp; significance of development administration, features of developed &amp; developing countries, planning machinery at Centre &amp; State level and the emergence of India as a welfare state and give an understanding about the concept, forms, role and problems of public enterprises as well as the working of select Union Ministries and agencies in Welfare and Development Administration.</li> </ul>

## POLITICAL SCIENCE

COURSE NAME	COURSE OUTCOME
POLITICAL THEORY-I	<ul style="list-style-type: none"> <li>To introduce the students to some of the basic aspects, concepts and themes in the discipline of Political Science.</li> </ul>

POLITICAL THEORY-II	<ul style="list-style-type: none"> <li>To expand the knowledge of the student in Political Science. Also introduces higher level concepts and themes in political theory and will provide students with the tools to engage with some key political issues of our times.</li> </ul>
INDIAN GOVERNMENT AND POLITICS	<ul style="list-style-type: none"> <li>To provide students with a basic knowledge of the fundamental elements and institutions of government, politics and processes in India at both the centre and state levels.</li> </ul>
INDIAN POLITICS	<ul style="list-style-type: none"> <li>To enrich the student's understanding of the working of the Indian political system with reference to political parties, the party system, elections and voting behaviour and examine in detail certain key issues and debates in contemporary India.</li> </ul>
COMPARATIVE POLITICAL SYSTEMS	<ul style="list-style-type: none"> <li>To serve as an introduction to the field of comparative politics and provides a broad overview of the field of comparative politics and examines some key approaches. Also understanding and analyzing the origins and working of two political systems, the UK and the USA.</li> </ul>
INTERNATIONAL POLITICS : THEORY AND PRACTICE	<ul style="list-style-type: none"> <li>To provide students with an overview of the broad theories and concepts used to understand international politics. Also examines key issues in contemporary global history from an international politics perspective.</li> </ul>

## HISTORY

COURSE NAME	COURSE OUTCOME
HISTORY OF INDIA UPTO 1200 A.D.	<ul style="list-style-type: none"> <li>To introduce the students to the history of the Ancient period in Indian History.</li> </ul>
HISTORY OF INDIA 1200-1750 A.D.	<ul style="list-style-type: none"> <li>To introduce the students to the history of Medieval India.</li> </ul>
HISTORY OF INDIA, 1750-1964 A.D.	<ul style="list-style-type: none"> <li>To introduce the students to the broad developments in the history of India in Modern times.</li> </ul>
HISTORY OF THE PUNJAB, 1469-1849 A.D.	<ul style="list-style-type: none"> <li>To introduce the students to the broad developments in the history of the Punjab from the mid-15th to the mid-19th century i.e. the medieval period</li> </ul>
HISTORY OF PUNJAB 1849-1966	<ul style="list-style-type: none"> <li>To introduce the students to the impact of the colonial period on the region</li> </ul>
WORLD HISTORY 18TH - 20TH CENTURY	<ul style="list-style-type: none"> <li>To introduce the students to the modern period in World history.</li> </ul>



## HISTORY AND CULTURE OF PUNJAB

COURSE NAME	COURSE OUTCOME
HISTORY AND CULTURE OF PUNJAB FROM THE EARLIEST TIMES TO PRE- MAURYAN PERIOD	<ul style="list-style-type: none"> <li>To introduce the students to the early history of the region including Ancient Punjab, Harappan Culture, Caste System, Impact of Alexander's invasion on social and cultural life.</li> </ul>
HISTORY AND CULTURE OF PUNJAB FROM MAURYAN TIMES TO 1200 A.D.	<ul style="list-style-type: none"> <li>To introduce the students with The Mauryan Empire, Buddhism and Jainism, Gandhara School of Art, Depiction of Punjab in the accounts of Chinese travelers. Fahien and Hwen Tsang, Society and Culture on the eve of the Turkish invasion of Punjab.</li> </ul>
HISTORY AND CULTURE OF PUNJAB 1200-C- 1700 A.D	<ul style="list-style-type: none"> <li>To introduce the students to the history of the region during medieval times.</li> </ul>
HISTORY AND CULTURE OF PUNJAB 18TH AND EARLY 19TH CENTURIES	<ul style="list-style-type: none"> <li>To introduce the students to the history of the region in the later medieval period.</li> </ul>
HISTORY AND CULTURE OF PUNJAB: COLONIAL PERIOD	<ul style="list-style-type: none"> <li>To introduce the students to the history of the history of the region and the impact of colonial rule.</li> <li></li> </ul>
HISTORY AND CULTURE OF PUNJAB: POST INDEPENDENCE PERIOD	<ul style="list-style-type: none"> <li>To introduce the students to the history of the history of the region in the post 1947 period.</li> </ul>

## FINE ARTS

COURSE NAME	COURSE OUTCOME
History of Art	<ul style="list-style-type: none"> <li>To introduce the student's various schools, styles and phases of the developments in painting and sculpture in India and the West. The emphasis will be to make them aware of the different terms, concepts, forms and subject matter of these works.</li> </ul>

## MUSIC (VOCAL)

<b>COURSE NAME</b>	<b>COURSE OUTCOME</b>
MUSC(VOCAL)	<ul style="list-style-type: none"><li>• To spread Awareness about our rich Vedic culture and Arts</li><li>• Provides foundation and inspires to do research on historical areas of music.</li><li>• Enhances Creativity and Systematic improvisation ability in students.</li><li>• Develops confidence to perform as a musically mature and sensible artist.</li><li>• Ability to differentiate the various ragas and enhance the skills to make notation and improvise ragas with their creativity.</li><li>• Enhances the ability to make composition.</li><li>• Enables to demonstrate the ragas of different angas of their choice .</li></ul>

## PHYSICAL EDUCATION

<b>COURSE NAME</b>	<b>COURSE OUTCOME</b>
PHYSICAL EDUCATION	<ul style="list-style-type: none"><li>• To Develop an appreciation of physical activity as a lifetime pursuit and a means to better health.</li><li>• To understand basic principles of health and wellness to develop an informed, personal approach to mental and physical health.</li><li>• To explain risk management, safety, and liability as it relates to fitness, sport activity, and facility.</li></ul>

## ENGLISH

<b>COURSE NAME</b>	<b>COURSE OUTCOME</b>
ENGLISH	<ul style="list-style-type: none"><li>• To develop skills that enable them to communicate effectively in writing.</li><li>• To become a more competent, efficient, and perceptive academic reader who is able to communicate to others through writing and speaking the contents and main ideas of what is read.</li><li>• To improve their accuracy and fluency in producing and understanding spoken and written English.</li><li>• To develop the students' abilities in grammar, oral skills, reading, writing and study skills.</li></ul>

## HINDI

COURSE NAME	COURSE OUTCOME
HINDI	<ul style="list-style-type: none"><li>• To understand the basic concept and subject of Hindi &amp; its origin</li><li>• To understand various aspect of Hindi literature with a process to reach method and giving new mode and direction.</li><li>• To make an attempt in different area and theory such as vocabulary and vice versa</li><li>• To know about Hindi literature its roots cause perspectives and methods.</li><li>• Elaborating and understanding its philosophical methods of Hindi Literature.</li><li>• Evaluating the concept of Hindi from past to present and making the society more closely through literature.</li></ul>

## PUNJABI

COURSE NAME	COURSE OUTCOME
PUNJABI	<ul style="list-style-type: none"><li>• To provide the students basic knowledge of theory, history and various tendencies of modern Punjabi poetry.</li><li>• To expose the students before the history, theory and various tendencies of modern Punjabi fiction which include Punjabi novels and short-stories.</li><li>• To enable the students to understand the basic knowledge of theory, history and tendencies of medieval and modern Punjabi prose.</li></ul>