

**BBA (Bachelor of Business Administration)****BBA I Year**

<b>Course Code</b>	<b>Course Name</b>	<b>Course Objectives</b>	<b>Course Outcomes</b>
<b>BBA (101)</b>	<b>English</b>	<ol style="list-style-type: none"><li>1. To enable the students of management to speak and write with a fair degree of grammatical correctness.</li><li>2. To understand the written text and able to use skimming, scanning skills.</li></ol>	<ol style="list-style-type: none"><li>1. Students will heighten their awareness of correct usage of English grammar in writing and speaking.</li><li>2. Develop your abilities as a critical reader and writer</li></ol>
<b>BBA (102)</b>	<b>Computer Application</b>	<ol style="list-style-type: none"><li>1. To provide an understanding of computers, computer operating system.</li><li>2. To enhance productivity through advance features of MSWord, MS Excel</li><li>3. To impart skills of using MS Outlook and basic social networking tools</li></ol>	<ol style="list-style-type: none"><li>1. Evaluate, select and use office productivity software appropriate to a given situation and improve decision making skills</li><li>2. Apply personal productivity through advanced features of MSWord, MS-Excel &amp; MS-PowerPoint</li><li>3. Use MS Outlook and basic social networking tools</li></ol>
<b>BBA (103)</b>	<b>Business Mathematics</b>	<ol style="list-style-type: none"><li>1. To provide elementary yet essential background of mathematical method so that managers may use themselves in business analysis and decision making</li><li>2. To adapt the knowledge of various mathematical tools and techniques and models which helps in dealing with real-life business situations.</li></ol>	<ol style="list-style-type: none"><li>1. Understand and apply the skill required for selected mathematical concept encountered in business situations</li><li>2. Apply fundamental and arithmetic skill in real business scenario</li></ol>
<b>BBA (104)</b>	<b>Principles of Management</b>	<ol style="list-style-type: none"><li>1. To help the student to acquire the basic knowledge in concept and theory of principles of Management.</li><li>2. To enable them to analyze and understand the environment of the organization.</li><li>3. To help the students to develop the importance of management principles.</li></ol>	<ol style="list-style-type: none"><li>1. Develop skills that reflect respect for human difference and support inclusion with the references management theory</li><li>2. Utilize skills and best practices gained to assist in creating an inclusive workplace environment.</li><li>3. Identify managerial activities that contribute to managerial effectiveness by using management principle</li></ol>
<b>BBA (105)</b>	<b>Financial Accounting</b>	<ol style="list-style-type: none"><li>1. To familiarize the students with basic concepts and methods of Financial Accounting as a practical subject in Business Management</li><li>2. To ascertain profit and loss and disclose financial position</li><li>3. To report financial information and facilitate financial decision making</li></ol>	<ol style="list-style-type: none"><li>1. Critically evaluate financial statement information with the help of concept of financial accounting.</li><li>2. Calculate the financial situation with the help of profit &amp; loss statements</li><li>3. Analyze the financial positions with the help of financial decision making</li></ol>
<b>BBA (106)</b>	<b>Hindi</b>	इस प्रश्नपत्र का उद्देश्य विद्यार्थी का हिंदी रचना से उसकी अंतरंगता बढ़ाना है। उसे इसका अभ्यास हो की वह रुचि से हिंदी रचना के संसर्ग में आय और धीरे-धीरे उसके भीतर प्रवेश न करें।	<ol style="list-style-type: none"><li>1. इस पाठ्यक्रम के माध्यम से सीखने सिखाने की प्रक्रिया में हिंदी भाषा के प्रारंभिक स्तर से अब तक के बदलते रूपों की विस्तृत जानकारी प्राप्त की जा सकेगी।</li><li>2. भाषा के सैधांतिक रूप के साथ साथ व्यावहारिक पक्ष को भी जाना जा सकेगा।</li></ol>

<b>BBA (107)</b>	<b>Business Economics</b>	<ol style="list-style-type: none"> <li>To familiarize the student with various theoretical concepts of Economics that is related to life</li> <li>To illustrate what elements are considered while policy and decision making at the strategic level</li> <li>To analyze operations of markets under varying competitive conditions and make optimal business decisions.</li> </ol>	<ol style="list-style-type: none"> <li>Understands the concept of economics with the help of different economic theories.</li> <li>Learners will comprehend the relationship between various policies of business.</li> <li>Student will accomplish the identical Short Run and Long Run Equilibrium of a firm and industry and also about different market structure and various pricing techniques</li> </ol>
<b>BBA (108)</b>	<b>Business Statistics</b>	<ol style="list-style-type: none"> <li>To help the student in understanding the various statistical methods, techniques in Business studies and Analysis / Discussions</li> <li>To understand the data analysis process with different methodology.</li> <li>To develop the student's ability to deal with numerical and quantitative issues in business</li> </ol>	<ol style="list-style-type: none"> <li>Critically evaluate the underlying assumptions of analysis tools</li> <li>Helpful for students in the field of data science and data analysis</li> <li>Describe and discuss the key terminology, concepts tools and techniques used in business statistical analysis</li> </ol>
<b>BBA (109)</b>	<b>Cost Accounting</b>	<ol style="list-style-type: none"> <li>To familiarize the students the basic elements of cost and cost determination.</li> <li>To better understand the costing aspects of a business.</li> <li>To identify per unit cost price of the product.</li> </ol>	<ol style="list-style-type: none"> <li>Explains the relationships between cost and financial accounting.</li> <li>Calculate factory overhead costs and records them.</li> <li>Calculate production cost according to the job cost system.</li> </ol>
<b>BBA (110)</b>	<b>Environmental Studies</b>	<ol style="list-style-type: none"> <li>To familiarize the student with the multidisciplinary environmental issues and to develop public awareness for it.</li> <li>To Imparting basic knowledge about the environment and its allied problems.</li> <li>To Creating the awareness about environmental problems among people.</li> </ol>	<ol style="list-style-type: none"> <li>Creating knowledge and awareness among the students with the help of subject.</li> <li>Students are aware to getting benefits and what are the factors affect the environment.</li> <li>Students will create better environment for us.</li> </ol>

**BBA II Year**

<b>Course Code</b>	<b>Course Name</b>	<b>Course Objectives</b>	<b>Course Outcomes</b>
<b>BBA (111)</b>	<b>Managerial Economics</b>	<ol style="list-style-type: none"> <li>To Familiarize the students the concepts and theory in decision making of firm and its Application in managerial function.</li> <li>To understand the production cost and cost estimation for the economic growth of the country.</li> </ol>	<ol style="list-style-type: none"> <li>Develop understanding with different managerial function and application of managerial economics.</li> <li>Learning the cost of production, risk, uncertainty and other important aspects of managerial economics.</li> </ol>
<b>BBA (112)</b>	<b>Business Communication</b>	<ol style="list-style-type: none"> <li>To develop effective business Communication skills among the students.</li> <li>To impart the correct practices of the strategies of Effective Business writing</li> <li>To provide an outline to effective Organizational Communication.</li> </ol>	<ol style="list-style-type: none"> <li>Learn business communication skill with the help of subject content.</li> <li>Business writing and other communication skills are helping the students for better communication in the organization.</li> <li>Effective listening and effective way communicating is also improve by the help of subject content.</li> </ol>
<b>BBA (113)</b>	<b>Business Law</b>	<ol style="list-style-type: none"> <li>To provide the basic knowledge of the provision of various acts related</li> </ol>	<ol style="list-style-type: none"> <li>Understanding the general legal boundaries that define the</li> </ol>

		<p>to business and management.</p> <p>2. To help the students to understand the concept of free consent, company's act, consumer protection act, factory's act etc.</p>	<p>regulation of business, including the general parameters of business association law and commercial law.</p> <p>2. Be able to identify relevant legal issues and to understand, interpret and apply statutes and case law in the area of commercial law, bankruptcy.</p>
<b>BBA (114)</b>	<b>Business Environment</b>	<p>1. To help students understand the nature scope and structure of International Business</p> <p>2. To explore students to various policy perspective in international regulatory environment</p> <p>3. To enable students to understand the influence of various environmental factors on international business operations.</p>	<p>1. Conduct an environmental scan to evaluate the impact of world issues on an organization's international</p> <p>2. Manage the preparation of documents and the application of procedures to support the movement of products and services in the organization's global supply chain</p> <p>3. Evaluate the impact of statutory and regulatory compliance on an organization's integrative trade initiatives</p>
<b>BBA (115)</b>	<b>Management Information System</b>	<p>1. To understand managerial concepts and principles in the development and operations of information system</p> <p>2. To design, implement and evaluate a computing-based solution to meet a give set of computing requirements in the context of the program's discipline.</p>	<p>1. Apply sound managerial concepts and principles in the development and operation of information systems.</p> <p>2. Improve business processes through the effective application of information technology concepts and practices.</p>
<b>BBA (116)</b>	<b>Organisational Behaviour</b>	<p>1. To familiarize the student the basic concepts and behavioural process in an origination.</p> <p>2. To understand the different organizational situation with the help of human behaviour</p> <p>3. To deeply understand the individual and group level of human behaviour.</p>	<p>1. Learn different behaviour aspects of the organization.</p> <p>2. Understand human behaviour in the different situation of the organization.</p> <p>3. Understand various factors that affects humans and behaviours in organization.</p>
<b>BBA (117)</b>	<b>Marketing Management</b>	<p>1. To familiarize the students the modern marketing concepts.</p> <p>2. To understand the marketing tools techniques and skill of marketing functions</p> <p>3. To improve the selling techniques in different situations of marketing area.</p>	<p>1. Marketing concept are helping the understanding of situations and environments</p> <p>2. Different tools and methods improve selling techniques.</p> <p>3. Situation and marketing environment are also important for good marketing practice.</p>
<b>BBA (118)</b>	<b>Human Resources management</b>	<p>1. To help the students to acquire and develop decision-making skills in relation to maintain people in organizations.</p> <p>2. To understand the different situation of employee and the right directions.</p> <p>3. To understand the all perspective of HRM, ethical, social, cultural and environmental responsibility in all context.</p>	<p>1. Learn to knowledge, skill to understand and maintain people in organization.</p> <p>2. Take the right direction or a correct path for organization with the help of manpower</p> <p>3. Understanding the different factors which help to grow the organization.</p>

<b>BBA (119)</b>	<b>Financial Management</b>	<ol style="list-style-type: none"> <li>To understand the different perspective of financial management like profit maximization, wealth maximization.</li> <li>To understand the financial situation with the help of different financial statements.</li> </ol>	<ol style="list-style-type: none"> <li>Learn how to work for profit maximization and cost minimization.</li> <li>Understand the financial statement and working capital model and system.</li> </ol>
<b>BBA (120)</b>	<b>Production management</b>	<ol style="list-style-type: none"> <li>To impart knowledge about the basic concept, techniques and methods of Production Management.</li> <li>To understand the basic concept of plant and plant layout and design of plants.</li> <li>To learn the concept of JIT, and different techniques of TQM and other technical part of production</li> </ol>	<ol style="list-style-type: none"> <li>Give the knowledge about the production of product and the management</li> <li>Understand the details of plant factory layouts and design of product production</li> <li>Learn the different techniques and methods of production</li> </ol>
<b>BBA III Year</b>			
<b>Course Code</b>	<b>Course Name</b>	<b>Course Objectives</b>	<b>Course Outcomes</b>
<b>BBA (122)</b>	<b>Marketing Research</b>	<ol style="list-style-type: none"> <li>The purpose of this paper is to enable students learn the process, tools and techniques of marketing research.</li> <li>To understand the concept and process of business research in business environment</li> <li>To know the use of tools and techniques for exploratory, conclusive and causal research.</li> <li>To understand the concept of measurement in empirical systems.</li> <li>To use statistical techniques for analysis of research data.</li> </ol>	<ol style="list-style-type: none"> <li>Relate the concept and process of business research in business environment</li> <li>Familiar to the use of tools and techniques for exploratory, conclusive and causal research.</li> <li>Apply concept of measurement in empirical systems.</li> <li>Interpret the result of statistical techniques for analysis of research data</li> </ol>
<b>BBA (123)</b>	<b>Quantitative Techniques</b>	<ol style="list-style-type: none"> <li>The objective of the course is to help the student in understanding the various quantitative techniques in business studies.</li> <li>To familiarize student with the use quantitative techniques in managerial decision-making.</li> <li>To understand &amp; apply various statistical methods of data summarization and analysis, to gain ability to take decision in diverse aspects of business environment.</li> </ol>	<ol style="list-style-type: none"> <li>Students will able to Understand and develop insights and knowledge base of various concepts of Quantitative Techniques.</li> <li>Acquire and explain in-depth knowledge of statistical tools to the students to enable them to make statistical analysis in business/industry, which are also highly important for further studies in management</li> </ol>
<b>BBA (124)</b>	<b>Sales &amp; advertisement Management</b>	<ol style="list-style-type: none"> <li>The basic objective of this paper is to acquaint students with management of a firm's sales operations, as well also with the theory and practice of advertising.</li> <li>To provide foundations in components of sales and Advertisement management.</li> <li>To introduce various facts of the job of a sales manager.</li> <li>To focus on decision-making aspects and implementation of decisions in</li> </ol>	<ol style="list-style-type: none"> <li>Students will acquire the knowledge of management of a firm's sales operations, the theory and practice of advertising</li> <li>Students will able to distinguish importance of services marketing in the global economy.</li> <li>Evaluate, classify, imagine and plan the successful service marketing.</li> <li>Analyze the challenges and opportunities before the</li> </ol>

		sales and distribution management.	marketing of services and to develop the suitable marketing mix
<b>BBA (125)</b>	<b>Investment Management</b>	<ol style="list-style-type: none"> <li>Objective of this course is to help students understand various issues in security analysis &amp; portfolio management.</li> <li>This course aims to help students develop a broad knowledge and understanding of portfolio management and investment analysis.</li> <li>To develop the knowledge of stock market operations and investments models.</li> <li>To learn the basics of security valuation and its application in market.</li> </ol>	<ol style="list-style-type: none"> <li>Apply portfolio theory in practice, covering asset allocation and international investment, portfolio risk management and risk-adjusted performance measurement.</li> <li>Understand and critically evaluate Value strategies, Markowitz strategies and Hedge fund strategies.</li> <li>Students will be able to understand the stock market application.</li> <li>Understand and critically interpret output from securities valuation and risk management tools such as debt &amp; equity.</li> </ol>
<b>BBA (126)</b>	<b>Material Management</b>	<ol style="list-style-type: none"> <li>This Course aims at acquainting the students with the importance and various techniques of Material Management.</li> <li>The course intends to equip students with updated knowledge of modern materials management concepts.</li> <li>Aims to develop their functional expertise in the store and purchase management disciplines.</li> </ol>	<ol style="list-style-type: none"> <li>Apply various purchasing methods and inventory controlling techniques into practice.</li> <li>Analyse the materials in storage, handling, packaging, shipping, distributing and standardizing.</li> <li>Acquire, identify, study, compare, and evaluate alternatives, select and relate with a good supplier.</li> </ol>
<b>BBA (127)</b>	<b>Business Policy &amp; Strategy</b>	<ol style="list-style-type: none"> <li>To expose participants to various perspectives and concepts in the field of Strategic Management.</li> <li>To help participants &amp; develop skills for applying these concepts to the solution of business problems.</li> <li>To help students master the analytical tools of strategic management.</li> </ol>	<ol style="list-style-type: none"> <li>Explore participants to various perspectives and concepts in the field of Strategic Management.</li> <li>Develop skills for applying these concepts to the solution of business problems.</li> <li>Create mastery in analytical tools of strategic management.</li> </ol>
<b>BBA (128)</b>	<b>Entrepreneurship &amp; Small Business Management.</b>	<ol style="list-style-type: none"> <li>The purpose of this paper is to provide exposure to the entrepreneurial culture and industrial growth to prepare them to set up and manage their own small units.</li> <li>To instill a spirit of entrepreneurship among the student participants.</li> <li>To provide an overview of the competences needed to become an entrepreneur.</li> <li>To give insights into the Management of Small Family Business.</li> </ol>	<ol style="list-style-type: none"> <li>Students will be able to understand entrepreneurial culture and industrial growth to prepare them to set up and manage their own small units.</li> <li>Develop spirit of entrepreneurship among the student participants.</li> <li>Interpret overview of the competences needed to become an entrepreneur.</li> <li>Built insights into the Management of Small Family Business.</li> </ol>
<b>BBA (129)</b>	<b>Business Tax</b>	<ol style="list-style-type: none"> <li>To impart knowledge about the concepts, provisions and justification of Income Tax and Wealth Tax in India.</li> <li>To understand the basic concepts in Income Tax Act, 1961.</li> <li>To Calculate Gross Total Income and Tax Liability of an Individual.</li> <li>To highlight the importance of tax planning &amp; Tax evasion.</li> </ol>	<ol style="list-style-type: none"> <li>Students will learn the concepts, provisions and justification of Income Tax.</li> <li>Students will be able to learn the basic concepts in Income Tax Act, 1961.</li> <li>Estimate Gross Total Income and Tax.</li> <li>Get acquainted with the process of tax planning and tax evasion.</li> </ol>

<b>BBA (130)</b>	<b>Business Ethics &amp; Social Responsibility</b>	<ol style="list-style-type: none"> <li>1. Objective of Business Attitudes, Beliefs and value Principal of Business Ethics.</li> <li>2. This Business Ethics course is designed to explain what moral judgments are and to see how they are integral to all business decisions.</li> <li>3. To learn how you can get better at making moral judgments through theoretical study, reflection, and practice.</li> <li>4. To learn how to apply theoretical moral principles to the evaluation and judgment of complex ethical issues in business today.</li> </ol>	<ol style="list-style-type: none"> <li>1 Students will able to understand professional Attitudes, Beliefs and value Principal of Business Ethics.</li> <li>2 Students will acquire the knowledge of moral judgments to see how they are integral to all business decisions.</li> <li>3 Understand and able to learn moral judgments through theoretical study, reflection, and practice.</li> <li>4 Students will lean apply theoretical moral principles to the evaluation and judgment of complex ethical issues in business today.</li> </ol>
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**B.Com**

**B.Com I Year**

<b>Course Code</b>	<b>Course Name</b>	<b>Course Objectives</b>	<b>Course Outcomes</b>
	<b>Hindi Language</b>	याकरण द्वारा भाषा की समझविकसित होगी। भाषा के मानकीकरण से मानकहिंदी की जानकारी प्रदान करना पाठ्यक्रम का ध्येय है। देवनागरी लिपि के इतिहास से परिचित करवाना, पारिभाषिक भाब्दावली एवं हिंदीपदनाम द्वारा हिंदी भाषा के तकनीकी भाब्दावली का ज्ञान करवाना। तकनीकी युग में हिंदी भाषा का कार्यकम्प्यूटर द्वारा संपन्नकरते समय आनेवाली तकनीकी समस्याओं से अवगत करवाना एवम् निराकरणबताना।संक्षिप्तकरण के ज्ञान से दैनिककार्य में सरलतालाने का प्रयास करना।	<ol style="list-style-type: none"> <li>१ समग्र पाठ्यक्रम विद्यार्थियों को हिंदी भाषा में दक्षता दिलाती है।</li> <li>२. अनुवाद कला का ज्ञानार्जन कैरियर निर्माण में सहायक होती है।</li> <li>३. हिंदी साहित्य में संचितको 1 का लाभहिंदी भाषा ज्ञान से प्राप्त होगा।</li> <li>४. अनेक प्रतियोगी परीक्षाओं में हिंदी भाषा की अनिवार्यता होती है।अतः यह पाठ्यक्रम परीक्षा दृष्टिकोण से उत्तम है।</li> </ol>
<b>102</b>	<b>Paper II English Language</b>	<ol style="list-style-type: none"> <li>1. The primary objective of English learning is to equip the student with requisites of grammar.</li> <li>2. The syllabus provides an in-depth knowledge about Indian culture, Indian Art and Tradition, Scientific knowledge and Literature content.</li> <li>3. The focus of the subject is to generate adequate English Writing Skills and Presentation techniques.</li> <li>4. There is extensive learning of the Prose Content and minimal learning of Poetry.</li> <li>5. The step-by-step learning pattern of grammar is a positive trait of all the objectives.</li> </ol>	<ol style="list-style-type: none"> <li>1. The student becomes well versed in grammar and its applicability.</li> <li>2. The student is more connected to his/ her roots with the content of the syllabus.</li> <li>3. The practice sessions of the Writing skills develop expertise of the students.</li> <li>4. The prose content is easy to learn and its expression is simple.</li> <li>5. Revision of grammar and question papers make the student handle his exams with expertise</li> </ol>
<b>110</b>	<b>Financial Accounting</b>	<ol style="list-style-type: none"> <li>1. Financial accounting is most important subject for commerce students because it is universal &amp; necessary to maintain for every business &amp; institutions.</li> <li>2. The main object of financial accounting is to record business transactions in the books of accounting under a suitable heading so that at the end of the accounting year we can find overall result of business easily.</li> <li>3. It is prepared to calculate Profit or Loss of the business &amp; financial position of the business</li> </ol>	<ol style="list-style-type: none"> <li>1. We can calculate amount receivable &amp; payable by the business on a particular date.</li> <li>2. Helpful in Tax Assessment.</li> <li>3. It helps to prepare future planning to improve the business on the basis of accounting information.</li> <li>4. Cheating forgery, frauds can be controlled by properly maintained accounts.</li> </ol>

101	<b>Business Mathematics</b>	<ol style="list-style-type: none"> <li>To equip students' knowledge to learn and explain mathematics on their own.</li> <li>To ensure students read and understand mathematical ideas in real world problems.</li> <li>To provide students with the knowledge of mathematics necessary for their employment</li> </ol>	<ol style="list-style-type: none"> <li>To Work with various concepts of Matrices, which is one of the basic pillars of modern Mathematics.</li> <li>To introduce basic notions in Linear Programming that is often used in Mathematics for determines the solution to a Linear Problem and find the optimal or the best solution of the problem.</li> <li>In Annuity, the instructional goal is to explore annuities, including future value, present value, and sinking funds</li> </ol>
	<b>Business Regulatory Framework</b>	<ol style="list-style-type: none"> <li>The course seeks to provide the basic understanding of important areas falling under the sphere of Commercial Law.</li> <li>To help the students to understand the basic rules of Agreements and Contracts along with the basic Rules of Offer, Acceptance, Consideration, Capacity/Competency to contract &amp; rules governing Consideration in The Indian Contract Act, 1872.</li> <li>It is designed to provide enthusiastic knowledge seeking personnel the legal background of the areas that they normally engage into without the knowledge of the relevant legal framework.</li> <li>To help the students to understand the nuance of The Partnership Act, 1932, Concepts, Essentials, True Test of Partnership, Types, Rights &amp; Duties. Modes &amp; Consequences of Dissolution of Partnership. Concepts, Characteristics of LL.P. Under Limited Liability Partnership Act, 2008. To protect the interests of consumers and other members of the business community.</li> </ol>	<ol style="list-style-type: none"> <li>The study of law determines which areas of law are relevant to a particular situation.</li> <li>Studying law has a unique career option.</li> <li>You can take the judicial service exams in addition to the Indian Administrative Service Exams.</li> <li>Real life examples will be used to showcase how theoretical knowledge has to be applied to real life scenarios.</li> <li>You can specialize by opting for the post-graduation course in law and can opt for teaching law at several government and private educational institutions.</li> </ol>
	<b>Business Environment</b>	<ol style="list-style-type: none"> <li>To identify the definable aspects of business environment within which a business organization has to function</li> <li>To develop an insight so as to adapt to the changing trends of business environment</li> </ol> <p>To explore the pragmatic parameters which influence decision making process</p>	<ol style="list-style-type: none"> <li>To enable students to evaluate business, its environment and society</li> <li>Students would be acquainted with business objectives, Dynamics of business and environment.</li> </ol>
	<b>Business Economics</b>	<ol style="list-style-type: none"> <li>To acquaint these students with the principal of business economics as are applicable in business</li> <li>To make student understand the demand and supply analysis in business applications.</li> <li>To understand the pricing and output decisions under various market structure.</li> <li>To Help Students Understand Factors of Production as a separate head and its uses in practical economics</li> </ol>	<ol style="list-style-type: none"> <li>To familiarize the students with the basic concept of microeconomics.</li> <li>To familiarize students with the production and cost structure under different stages of production.</li> <li>To help students understand and apply the various decision tools to understand the market structure</li> </ol>

**B.Com II Year**

<b>Course Code</b>	<b>Course Name</b>	<b>Course Objectives</b>	<b>Course Outcomes</b>
<b>102</b>	<b>Hindi Language</b>	पाठ्यक्रम द्वारा प्रमुख रूप से विद्यार्थियों में राजभाषा एवम् राष्ट्र भाषाहिंदी के प्रतिचेतना जागृत करवाना। महापुरुषों के निबंध द्वारा विद्यार्थियों में नैतिकता का विकास प्रमुख उद्देश्य है। छत्तिसगढ़ के प्रसिद्ध व्यक्तित्व से परिचित करवाना एवम् अनुवाद की समझ विकसित करना। व्याकरणगत अशुद्धियों के प्रति सतर्क करना।	१. विद्यार्थियों में सदगुणों का विकास होता है। २. भाषा के विविध रूप के ज्ञान से कार्यालयीन पत्र लेखन में पारंगतता हासिल होती है। ३. अनुवादकला कैरियर निर्माण में सहायक है। ४. प्रतियोगी परीक्षाओं के लिए दक्षता हासिल होती है।
<b>202</b>	<b>English Language</b>	1. The primary objective of English learning is to equip the student with requisites of grammar. 2. The syllabus provides an in-depth knowledge about Indian culture, Indian Art and Tradition, Scientific knowledge and Literature content. 3. The focus of the subject is to generate adequate English Writing Skills and Presentation techniques. 4. There is extensive learning of the Prose Content and minimal learning of Poetry. 5. The step-by-step learning pattern of grammar is a positive trait of all the objectives.	1. The student becomes well versed in grammar and its applicability. 2. The student is more connected to his/ her roots with the content of the syllabus. 3. The practice sessions of the Writing skills develop expertise of the students. 4. The proposed content is easy to learn and its expression is simple. 5. Revision of grammar and question papers make the student handle his exams with expertise
<b>220</b>	<b>Company Law</b>	1. To help the full and fair disclosure of all reasonable information relating to the affairs of the company. 2. To help the students to understand from The Companies Act, 2013, the concepts and features of companies. 3. The course of Company Law has been specifically designed to provide not only an overview but also an in-depth knowledge about incorporation	1. The study of company law gives information about all the methods and process of starting a company. 2. The study of company law gives information & knowledge about different types of companies and the way they work. 3. The study of Company Law gives knowledge of various career-oriented courses like Company Secretary, Chartered Accountant etc. 4. The study of company law gives information about all the rules and regulations, amendments related to the law of the government. 5. The study of company law gives information about important documents like Memorandum of association, Article of association, Prospectus etc.
<b>220</b>	<b>Cost Accounting</b>	1. To explain the concept and role of cost accounting in the business management of manufacturing and non-manufacturing companies and to analyze and evaluate information for cost accounting, planning, control and decision making. 2. To apply cost accounting methods & principles, to identify profitable products and to Recognize cost accounting as a managerial tool for decision making	1. Helps in applying cost accounting methods for evaluation purpose. 2. This will help the students in preparing external reports based on cost and to Identify cost classification based on how cost responds to changes in production levels and how these changes affect managerial decision making.



220	<b>Principles of Business Management</b>	<ol style="list-style-type: none"> <li>To help the students gain understanding of the functions and responsibilities of Manager.</li> <li>To provide them tools and techniques to be used in the performance of managerial job.</li> <li>To enable them to analyze and understand the environment of the organization.</li> <li>To help the students to develop cognizance of the importance of management principles.</li> </ol>	<ol style="list-style-type: none"> <li>Understand the concept related to business.</li> <li>Demonstrate the roles, skills, function of management.</li> <li>Understand the complexities associated with management of human resource in the organizations and integrate the learning in handling these complexities.</li> </ol>
230	<b>Business Statistics</b>	<ol style="list-style-type: none"> <li>To prepare graduates who are not only statistically sound but also capable of using their appropriate statistical skills in interdisciplinary areas such as finance, health, agriculture, government, business, industry, telecommunication, and bio-statistics. As a result, they can pursue their future career either in the core field or in the applied field of Statistics.</li> <li>To teach students to construct practical statistical models for several processes in the real-world.</li> <li>Prepare the students to enrich with ability to examine basic statistical issues in a more logical and methodical manner.</li> </ol>	<ol style="list-style-type: none"> <li>Gain knowledge about the meaning, scope, function and limitations of statistics.</li> <li>Solve problems on partition values and dispersion. The purpose of measures of dispersion is to find out how spread out the data values is on the number line. Another term for these statistics is measures of spread.</li> <li>Calculate central tendency (Mean, Mode, Median, Geometric Mean and Harmonic Mean) that give us one value for the distribution and this value represents the entire distribution.</li> </ol>
230	<b>Fundamentals of Entrepreneurship</b>	<ol style="list-style-type: none"> <li>To prepare learner to find &amp; grab the opportunities.</li> <li>To cultivate unique skills &amp; to make them think 'out of the box'.</li> <li>To cultivate risk-taking capacity &amp; preparedness for real life</li> </ol>	<ol style="list-style-type: none"> <li>Nurtures personal growth &amp; development.</li> <li>Develops potential entrepreneurs which will benefit the society.</li> <li>Makes the learner realizes that risk is something to live with.</li> </ol>

**B.Com III Year**

Course Code	Course Name	Course Objectives	Course Outcomes
	<b>Hindi Language</b>	पाठ्यक्रम में निहित साहित्य के अध्ययन द्वारा राष्ट्रीयता एवं सामाजिक भावना जागृत करवाना उद्देश्य है। अनेक विशयों से संबंधित लेखों के अध्ययन द्वारा विद्यार्थियों में तर्क वितर्क की क्षमता उत्पन्न करना। हिंदी भाषा की व्याकरणिक संरचना से अवगत करवाना। विभिन्न समारोह हेतु पत्र लेखन में निपुण करना।	<ol style="list-style-type: none"> <li>पाठ्यक्रम द्वारा विद्यार्थियों में देशप्रेम, मानवता एवम् चरित्र निर्माण के गुण विकसित होते हैं।</li> <li>जीविकापार्जन हेतु कौशल विकास होता है।</li> <li>मनन चिंतन के गुण पुष्ट होते हैं।</li> <li>भारतीय संस्कृति एवं सभ्यता में प्रगाढ़ता आती है।</li> <li>प्रतियोगी परीक्षाओं में पाठ्यक्रम सहायक है।</li> </ol>
	<b>Foundation Course Paper II English Language</b>	<ol style="list-style-type: none"> <li>The primary objective of English learning is to equip the student with requisites of grammar.</li> <li>The syllabus provides an in-depth knowledge about Indian culture, Indian Art and Tradition, Scientific knowledge and Literature content.</li> <li>The focus of the subject is to generate adequate English Writing Skills and Presentation techniques.</li> <li>There is extensive learning of the Prose Content and minimal learning of Poetry.</li> </ol>	<ol style="list-style-type: none"> <li>The student becomes well versed in grammar and its applicability.</li> <li>The student is more connected to his/ her roots with the content of the syllabus.</li> <li>The practice sessions of the Writing skills develop expertise of the students.</li> <li>The prose content is easy to learn and its expression is simple.</li> </ol>

		5. The step-by-step learning pattern of grammar is a positive trait of all the objectives.	
<b>310</b>	<b>Income Tax</b>	<ol style="list-style-type: none"> <li>To impart knowledge about the concepts, provisions and justification of Income Tax and Wealth Tax in India.</li> <li>To understand the basic concepts in Income Tax Act, 1961.</li> <li>To Calculate Gross Total Income and Tax Liability of an Individual and to highlight the importance of tax planning &amp; Tax evasion.</li> </ol>	<ol style="list-style-type: none"> <li>Students will learn the concepts, provisions and justification of Income Tax.</li> <li>Students will be able to learn the basic concepts in Income Tax Act, 1961.</li> <li>Estimate Gross Total Income and Tax to Get acquainted with the process of tax planning and tax evasion.</li> </ol>
	<b>Auditing</b>	<ol style="list-style-type: none"> <li>To make the learner aware about basic standards &amp; ethics of auditing.</li> <li>To render the opinion as to the fair presentation of financial statement.</li> <li>To identify the circumstances under which the auditor issues different types of audit reports.</li> </ol>	<ol style="list-style-type: none"> <li>Develops the knowledge of general principles &amp; ethics of auditing.</li> <li>Develops the degree of professionalism required to be a successful CA/CS/AUDITOR GENERAL.</li> <li>Helps in examine &amp; detection of accounting errors.</li> </ol>
	<b>Management Accounting</b>	<ol style="list-style-type: none"> <li>To enhance the abilities of learners to develop the concept of management accounting and its significance in the business.</li> <li>To enhance the abilities of learners to analyze the financial statements.</li> <li>To enable the learners to understand, develop and apply the techniques of management accounting in the financial decision making in the business corporate.</li> <li>To make the students develop competence with their usage in managerial decision making and control.</li> </ol>	<ol style="list-style-type: none"> <li>Analyze cost-volume-profit techniques to determine optimal managerial decisions.</li> <li>Prepare a master budget and demonstrate an understanding of the Relationship between the components.</li> <li>Perform cost variance analysis and demonstrate the use of standard costs in flexible budgeting.</li> <li>Prepare analyses of various special decisions, using relevant costing and Benefits.</li> </ol>
	<b>Principles of Marketing</b>	<ol style="list-style-type: none"> <li>To outline key marketing concepts and its application to different markets.</li> <li>To identify factors and processes essential for designing marketing strategy.</li> <li>To analyze and examine the implementation of marketing concepts and strategy to firms.</li> </ol>	<ol style="list-style-type: none"> <li>Students will be able to identify the scope and significance of Marketing in Domain Industry.</li> <li>Students will be able to examine marketing concepts and phenomenon to current business events In the Industry.</li> <li>Students will be able to coordinate the various marketing environment variables and interpret them for designing marketing strategy for business firms.</li> </ol>
	<b>International Marketing</b>	<ol style="list-style-type: none"> <li>This course aims at acquainting student with the operations of marketing in international environment.</li> <li>The course aims at exposing the students to the global business activities, marketing in international business and global forces transforming the international business today.</li> <li>The course would develop a general perspective about managing international business both in operational as well as strategic context.</li> <li>Distinguish the advantages and disadvantages, possess in international marketing in both emerging markets and mature markets.</li> </ol>	<p>Students will be able to: -</p> <ol style="list-style-type: none"> <li>Apply the key terms, definitions, and concepts used in marketing with an international perspective.</li> <li>Compare the value of developing global awareness vs. a local perspective in marketing.</li> <li>Valuate different cultural, political, and legal environments influencing international trade.</li> <li>Distinguish the advantages and disadvantages, possess in international marketing in both emerging markets and mature markets.</li> </ol>

	<p align="center"><b>System, Analysis, Design &amp; MIS</b></p>	<ol style="list-style-type: none"> <li>1. The objective of this course is to provide adequate understanding of systems concept, system analysis, and systems design, which would help them in having efficient and workable information system for management.</li> <li>2. To provide an understanding the role of Hardware and Software for realizing organizational Objectives and automation.</li> <li>3. To provide an understanding of the role of systems analyst and software development firms for their role in distributing meaningful ERP modules and other business intelligent system.</li> <li>4. To provide an understanding of the role of system analysis and design within various systems development stages.</li> <li>5. To develop an awareness of the different approaches that might be taken to systems design.</li> </ol>	<ol style="list-style-type: none"> <li>1. A firm basis for understanding the life cycle of a systems development project.</li> <li>2. An understanding of the analysis and development techniques required as a team member of a medium-scale information systems development project.</li> <li>3. An understanding of the ways in which an analyst's interaction with system sponsors and users play a part in information systems development.</li> <li>4. Experience in developing information systems models.</li> <li>5. Experience in developing systems project documentation.</li> </ol>
	<p align="center"><b>Programming in Visual Basic</b></p>	<ol style="list-style-type: none"> <li>1. This course introduces computer programming using the Visual BASIC programming language with object-oriented programming principles.</li> <li>2. Emphasis is on event-driven programming methods, including creating and manipulating objects, classes, and using object-oriented tools such as the class debugger.</li> <li>3. Upon completion, students should be able to design, code, test and debug at a beginning level</li> </ol>	<ol style="list-style-type: none"> <li>1. Students list the visual programming concepts.</li> <li>2. Able to understand basic concepts and definitions event-driven programming methods, including creating and manipulating objects, classes, and using object-oriented tools such as the class debugger.</li> <li>3. Express constants and arithmetic operations.</li> <li>4. Distinguish variable and data types.</li> <li>5. Students code visual programs by using Visual Basic work environment.</li> <li>6. Distinguish and compose events and methods.</li> </ol>

## BCA (Bachelor of Computer Application)

### BCA I Year

Course Code	Course Name	Course Objectives	Course Outcomes
<b>BCA101</b>	<b>Discrete Mathematics</b>	<ol style="list-style-type: none"> <li>1. Introduce concepts of mathematical logic for analyzing propositions and proving theorems.</li> <li>2. Use sets for solving applied problems, and use the properties of set operations algebraically.</li> <li>3. Work with relations and investigate their properties.</li> <li>4. Investigate functions as relations and their properties.</li> <li>5. Introduce basic concepts of graphs, digraphs and trees.</li> </ol>	<ol style="list-style-type: none"> <li>1. Analyze logical propositions via truth tables.</li> <li>2. Understand sets and perform operations and algebra on sets.</li> <li>3. Determine properties of relations, identify equivalence and partial order relations, sketch relations.</li> <li>4. Identify functions and determine their properties.</li> <li>5. Define graphs, digraphs and trees, and identify their main properties.</li> </ol>
<b>BCA102</b>	<b>Computer Fundamental</b>	<ol style="list-style-type: none"> <li>1. To understand basic of computer and working OS</li> <li>2. To develop working skill with productivity tools, graphics designing and internet.</li> <li>3. To acquire basic programming skill. To understand basic of computer and working with operating system.</li> </ol>	<ol style="list-style-type: none"> <li>1. Converse in basic computer terminology.</li> <li>2. Formulate opinions about the impact of computer society</li> <li>3. Process the knowledge of basic hardware peripherals.</li> </ol>
<b>BCA103</b>	<b>Programming in C</b>	<ol style="list-style-type: none"> <li>1. Programming basics and the fundamentals of C.</li> <li>2. Data types in C.</li> <li>3. Mathematical and logical operations</li> </ol>	<ol style="list-style-type: none"> <li>1. Develop a C program.</li> <li>2. Control the sequence of the program and give logical outputs.</li> <li>3. Implement strings in your C program.</li> </ol>
<b>BCA104</b>	<b>PC Software and Multimedia</b>	<ol style="list-style-type: none"> <li>1. Introduce the basic features of Microsoft office, windows basics and file management.</li> <li>2. Develops familiarity with word, Excel, access, PowerPoint, email and Internet basics.</li> <li>3. Page formatting, book marks, mail merge, macros, Tables, file management, printing styles, linking and embedding object, Template</li> </ol>	<ol style="list-style-type: none"> <li>1. To perform documentation.</li> <li>2. To perform accounting operations</li> <li>3. To perform presentation skills.</li> </ol>
<b>BCA105</b>	<b>Web Technology and E-commerce</b>	<ol style="list-style-type: none"> <li>1. This course is intended to teach the basics involved in publishing content on the World Wide Web.</li> <li>2. A student will be familiar with client server architecture and able to develop a web application using HTML.</li> <li>3. To provide adequate knowledge and understanding about E-Com practices to the students.</li> </ol>	<ol style="list-style-type: none"> <li>1. Students are able to Analyze a web page and identify its elements and attributes.</li> <li>2. An ability to use current techniques, skills, and tools necessary for computing practice</li> <li>3. An ability to effectively integrate IT-based solutions into the user environment</li> </ol>
<b>BCA106</b>	<b>Communication Skill</b>	<ol style="list-style-type: none"> <li>1. This course is designed to enable the students of computer education to speak and write English with a fair degree of grammatical correctness.</li> <li>2. The inputs in the course contents are related to spellings, meanings of words and the correct use of words relating to the field of computers and</li> </ol>	<ol style="list-style-type: none"> <li>1. Students will be able to do enhanced and be fluent in English Language</li> <li>2. Students will have improved receptive and expressive skills.</li> </ol>

other areas of knowledge.

### BCA II Year

Course Code	Course Name	Course Objectives	Course Outcomes
BCA201	<b>Calculus and Differential Equation</b>	<ol style="list-style-type: none"> <li>Limits &amp; Continuity</li> <li>Differentiation &amp; Derivatives</li> <li>Solution Method of Differentiation</li> </ol>	<ol style="list-style-type: none"> <li>Understanding logical Differentiation and Integration.</li> <li>Understand the solution method of Derivatives.</li> <li>Understand and implement the method of Maxima and Minima.</li> </ol>
BCA202	<b>Database Management System</b>	<ol style="list-style-type: none"> <li>Discuss Database management systems, databases and its applications</li> <li>Familiarize the students with a good formal foundation on the relational model.</li> <li>Outline the various systematic database design approaches</li> </ol>	<ol style="list-style-type: none"> <li>Model Entity-Relationship diagrams for enterprise level databases[L3]</li> <li>Formulate Queries using SQL and Relational Formal Query Languages[L3]</li> <li>Apply different normal forms to design the Database[L3]</li> </ol>
BCA203	<b>Programming in C++</b>	<ol style="list-style-type: none"> <li>The basic programming and OOPs concepts</li> <li>Creating C++ programs</li> <li>Tokens, expressions and control structures in C++</li> </ol>	<ol style="list-style-type: none"> <li>Describe OOPs concepts</li> <li>Use functions and pointers in your C++ program</li> <li>Understand tokens, expressions, and control structures</li> </ol>
BCA204	<b>Computer Network</b>	<ol style="list-style-type: none"> <li>To develop an understanding of computer networking basics.</li> <li>To develop an understanding of different components of computer networks, various protocols, modern technologies and their applications</li> </ol>	<ol style="list-style-type: none"> <li>To develop an understanding of computer networking basics.</li> <li>To develop an understanding of different components of computer networks, various protocols, modern technologies and their applications</li> </ol>
BCA205	<b>Operating System &amp; Linux</b>	<ol style="list-style-type: none"> <li>General understanding of structure of modern computers.</li> <li>Purpose, structure and functions of operating systems.</li> <li>Illustration of key OS aspects by example</li> </ol>	<ol style="list-style-type: none"> <li>Describe the general architecture of computers.</li> <li>Describe, contrast and compare differing structures for operating systems.</li> <li>Understand and analyse theory and implementation of: processes, resource control (concurrency etc.), physical and virtual memory, scheduling, I/O and files</li> </ol>

### BCA III Year

Course Code	Course Name	Course Objectives	Course Outcomes
BCA 301	<b>Statistical Analysis</b>	<ol style="list-style-type: none"> <li>To understand basic theoretical and applied principles of statistics needed to enter the job force.</li> <li>To communicate key statistical concepts to non-statisticians.</li> <li>To gain proficiency in using statistical software for data</li> </ol>	<ol style="list-style-type: none"> <li>To solve combinatorics.</li> <li>To understand about different frequency distribution and learn about to measure central tendency using different techniques.</li> <li>To learn about elementary probability theory and theoretical distribution</li> </ol>
BCA 302	<b>Programming in Java</b>	<ol style="list-style-type: none"> <li>To understand the basic concepts and fundamentals of platform independent object-oriented language.</li> <li>To demonstrate skills in writing programs using exception handling</li> </ol>	<ol style="list-style-type: none"> <li>Use the syntax and semantics of java programming language and basic concepts of OOP.</li> </ol>

		<p>techniques and multithreading.</p> <p>3. To understand streams and efficient user interface design techniques.</p>	<p>2. Develop reusable programs using the concepts of inheritance, polymorphism, interfaces and packages.</p> <p>3. Apply the concepts of Multithreading and Exception handling to develop efficient and error free codes.</p>
<b>BCA 303</b>	<b>Dot Net Technology</b>	<p>1. Design, formulate, and construct applications with VB.NET</p> <p>2. Integrate variables and constants into calculations applying VB.NET</p> <p>3. Determine logical alternatives with VB.NET decision structures</p>	<p>1. Assemble multiple forms, modules, and menus into working VB.NET solutions</p> <p>2. Create VB.NET programs using multiple array techniques</p> <p>3. Build integrated VB.NET solutions using files and structures with printing capabilities</p>
<b>BCA 304</b>	<b>Software Engineering</b>	<p>1. To provide the idea of decomposing the given problem into Analysis, Design, Implementation, Testing and Maintenance phases.</p> <p>2. To provide an idea of using various process models in the software industry according to given circumstances.</p> <p>3. To gain the knowledge of how Analysis, Design, Implementation, Testing and Maintenance processes are conducted in a software project</p>	<p>1. Students will be able to decompose the given project in various phases of a lifecycle.</p> <p>2. Students will be able to choose appropriate process model depending on the user requirements.</p> <p>3. Students will be able perform various life cycle activities like Analysis, Design, Implementation, Testing and Maintenance.</p>
<b>BCA 305</b>	<b>Data Structure</b>	<p>1. To impart the basic concepts of data structures and algorithms</p> <p>2. To understand concepts about searching and sorting techniques</p> <p>3. To Understand basic concepts about stacks, queues, lists, trees and graphs</p>	<p>1. Ability to analyze algorithms and algorithm correctness.</p> <p>2. Ability to summarize searching and sorting techniques</p> <p>3. Ability to describe stack, queue and linked list operation.</p>

**PGDCA (Post Graduate Diploma in Computer Application)**

**PGDCA I Sem**

<b>Course Code</b>	<b>Course Name</b>	<b>Course Objectives</b>	<b>Course Outcomes</b>
<b>PGDCA 101</b>	<b>Computer Fundamental</b>	<ol style="list-style-type: none"> <li>To understand basic of computer and working with operating system.</li> <li>To develop working skill with productivity tools, graphics designing.</li> <li>To acquire basic programming skill.</li> <li>To apply computing in problem solving.</li> </ol>	<ol style="list-style-type: none"> <li>Converse in basic computer terminology.</li> <li>Formulate opinions about the impact of computer in society.</li> <li>Process the knowledge of basic hardware peripherals.</li> <li>Know and use different number system and the basics of programming.</li> </ol>
<b>PGDCA 102</b>	<b>Programming in C</b>	<ol style="list-style-type: none"> <li>Programming basics and the fundamentals of C.</li> <li>Data types in C</li> <li>Mathematical and logical operations</li> <li>Using if statement and loops</li> </ol>	<ol style="list-style-type: none"> <li>Develop a C program</li> <li>Control the sequence of the program and give logical outputs.</li> <li>Store different data types in the same memory.</li> <li>Manage I/O operations in your C program</li> </ol>
<b>PGDCA 103</b>	<b>Office Automation and tally</b>	<ol style="list-style-type: none"> <li>Office tools course would enable the students in crafting professional word documents; excel spread sheets, power point presentations using the Microsoft suite of office tools.</li> <li>To familiarize the students in preparation of documents and presentations with office automation tools.</li> </ol>	<ol style="list-style-type: none"> <li>Students would be able to documents, spreadsheets, make small Presentations and would be acquainted with internet.</li> <li>Student will come to know about database creation and about creation of journal, ledger, and trial balance of transaction in tally software.</li> </ol>

**PGDCA II Sem**

<b>Course Code</b>	<b>Course Name</b>	<b>Course Objectives</b>	<b>Course Outcomes</b>
<b>PGDCA 106</b>	<b>Programming in VB.Net</b>	<ol style="list-style-type: none"> <li>Design, formulate, and construct applications with VB.NET</li> <li>Integrate variables and constants into calculations applying VB.NET</li> <li>Determine logical alternatives with VB.NET decision structures</li> <li>Implement lists and loops with VB.NET controls and iteration</li> </ol>	<ol style="list-style-type: none"> <li>Assemble multiple forms, modules, and menus into working VB.NET solutions.</li> <li>Create VB.NET programs using multiple array techniques.</li> <li>Build integrated VB.NET solutions using files and structures with printing capabilities.</li> <li>Translate general requirements into data-related solutions using database concepts.</li> </ol>
<b>PGDCA 107</b>	<b>Database management System</b>	<ol style="list-style-type: none"> <li>Discuss Database management systems, databases and its applications</li> <li>Familiarize the students with a good formal foundation on the relational model.</li> <li>Outline the various systematic database design approaches</li> <li>Describe the concepts of transactions and transaction processing and the issues, techniques related to concurrency and recovery manager.</li> </ol>	<ol style="list-style-type: none"> <li>Model Entity-Relationship diagrams for enterprise level databases.</li> <li>Formulate Queries using SQL and Relational Formal Query Languages.</li> <li>Apply different normal forms to design the Database.</li> <li>Summarize concurrency control protocols and recovery algorithms.</li> </ol>

<p><b>PGDCA</b> <b>108</b></p>	<p><b>Internet and Web Technology</b></p>	<ol style="list-style-type: none"> <li>1. This course is intended to teach the basics involved in publishing content on the World Wide Web.</li> <li>2. A student will be familiar with client server architecture and able to develop a web application using HTML.</li> <li>3. To provide adequate knowledge and understanding about E-Com practices to the students.</li> <li>4. Student will be able to recognize features and roles of businessmen, entrepreneur, and managers.</li> </ol>	<ol style="list-style-type: none"> <li>1. Students are able to analyze a web page and identify its elements and attributes.</li> <li>2. Students are able to develop a dynamic webpage by the use of java script</li> <li>3. An ability to effectively integrate IT-based solutions into the user environment.</li> <li>4. An ability to use current techniques, skills, and tools necessary for computing practice.</li> </ol>
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MAIC



**B.Sc (Computer Science)****BSc I Year**

<b>Course Code</b>	<b>Course Name</b>	<b>Course Objectives</b>	<b>Course Outcomes</b>
<b>0806</b>	<b>Programming in C</b>	<ol style="list-style-type: none"><li>1. To develop the programming skills in C.</li><li>2. To get good knowledge of procedural language approach so that students can make software in the later stage of their course.</li><li>3. To an understanding of various concepts of C with the help of which one can create its own data types that can be used globally in different program files.</li></ol>	<ol style="list-style-type: none"><li>1. Student will be able to write program in C Language.</li><li>2. Student will be able to develop software in C language.</li><li>3. Students will be able to understand all data types and can be able to use data types in different program file.</li></ol>
<b>0805</b>	<b>Computer Fundamentals</b>	<ol style="list-style-type: none"><li>1. To introduce the fundamentals of computing devices and reinforce computer vocabulary, particularly with respect to personal use of computer hardware and software, the Internet, networking and mobile computing.</li><li>2. It focuses on such computer literacy that prepares students for life-long learning of computer concepts and skills. Students discovers why computers are essential components in education, business and society in this course.</li></ol>	<ol style="list-style-type: none"><li>1. Create and collaborate in emergent computing technologies leading to innovative solutions for industry and academia.</li><li>2. Use current computing technologies and methods for the design and implementation of solutions in industry and practice continuous learning to maintain and achieve professional and personal excellence.</li></ol>
<b>0798</b>	<b>Maths-I (Algebra and Trigonometry)</b>	<ol style="list-style-type: none"><li>1. To understand Rank, inverse and properties of matrix.</li><li>2. To learn Relation and mapping of functions.</li><li>3. To understand Group Theory and Ring Theory.</li><li>4. To Provide the knowledge De-Moivre's theorem and its application.</li></ol>	<ol style="list-style-type: none"><li>1. Understand problems based on Rank, Inverse and Properties of matrix.</li><li>2. Understand Relation and mapping of functions.</li><li>3. Solve problem based on Group Theory and Ring Theory.</li><li>4. Solve problem based on De-Moivre's theorem and its application.</li></ol>
<b>0799</b>	<b>Maths-II (Calculus)</b>	Students will learn about topics of Calculus concepts such as <ol style="list-style-type: none"><li>1. Limit &amp; Continuity.</li><li>2. Derivatives and differentiability.</li><li>4. Tracing of Curve.</li><li>5. Integration of Different type of Function and Integrals.</li><li>6. Finding the different type of feature of different curve.</li><li>7. Solution of different order differential equation.</li></ol>	<ol style="list-style-type: none"><li>1. Understanding the concept limit &amp; Continuity.</li><li>2. Understanding the differentiation and solution procedure of derivatives</li><li>3. Understanding the tracing of curve</li><li>4. Understanding the concept of Integral and Integration</li></ol>
<b>0800</b>	<b>Maths-III (Vector Analysis and Geometry)</b>	<ol style="list-style-type: none"><li>1. To visualize and manipulate multivariable vector valued functions.</li><li>2. To presented in graphical, numeric, and symbolic form.</li><li>3. To learn to graph, differentiation, integration, and solve applied problems involving parametric equations and vector-valued functions.</li></ol>	<ol style="list-style-type: none"><li>1. Visualize and manipulate multivariable vector valued functions.</li><li>2. Presented in graphical, numeric, and symbolic form.</li><li>3. Learn to graph, differentiation, integration, and solve applied problems involving parametric equations and vector-valued functions.</li></ol>

0793	<b>Physics (I) (Mechanics, Oscillations and Properties of Matter)</b>	<ol style="list-style-type: none"> <li>To empower the students to develop the idea about the behavior of physical bodies.</li> <li>To provide the basic concepts related to the motion of all the objects around us in daily life.</li> <li>To build foundation to various applied fields in science and technology especially in the field of mechanical engineering.</li> <li>To study the properties of materials and matter.</li> </ol>	<ol style="list-style-type: none"> <li>Understand the behavior of physical bodies.</li> <li>Identify and understand the motion of objects in the universe.</li> <li>Apply the laws of mechanics along with necessary mathematics for solving problems.</li> <li>Understand the properties and behavior of the materials.</li> </ol>
0794	<b>Physics (II) (Electricity, Magnetism and Electromagnetic Theory)</b>	<ol style="list-style-type: none"> <li>To study the different laws of electrostatics.</li> <li>To study various methods, physical fields, potentials and electronic components.</li> <li>To acquire the concept of electromagnetism and its application.</li> <li>To provide the concepts of various phenomena in the universe.</li> </ol>	<ol style="list-style-type: none"> <li>Understand the basic concepts of electrostatics.</li> <li>Familiarize themselves with various measurement devices by which they can measure physical quantities with accuracy.</li> <li>Understand the mechanism and applications of electromagnetism in daily life.</li> <li>Acquire basic practical knowledge related to surroundings through the experiments.</li> </ol>
0792	<b>Foundation Course Paper II (English Language)</b>	<ol style="list-style-type: none"> <li>The primary objective of English learning is to equip the student with requisites of grammar.</li> <li>The syllabus provides an in-depth knowledge about Indian culture, Indian Art and Tradition, Scientific knowledge and Literature content.</li> <li>The focus of the subject is to generate adequate English Writing Skills and Presentation techniques.</li> <li>There is extensive learning of the Prose Content and minimal learning of Poetry.</li> <li>The step-by-step learning pattern of grammar is a positive trait of all the objectives</li> </ol>	<ol style="list-style-type: none"> <li>The student becomes well versed in grammar and its applicability.</li> <li>The student is more connected to his/ her roots with the content of the syllabus.</li> <li>The practice sessions of the Writing skills develop expertise of the students.</li> <li>The prose content is easy to learn and its expression is simple.</li> <li>Revision of grammar and question papers make the student handle his exams with expertise</li> </ol>
0791	<b>Foundation Course Paper I (Hindi Language)</b>	<p>पाठ्यक्रम के माध्यम से विद्यार्थियों में हिंदी भाषा की समझविकसित करना मुख्य उद्देश्य है। व्याकरण द्वारा भाषा की समझविकसित होगी। भाषा के मानकीकरण से मानक हिंदी की जानकारी प्रदान करना पाठ्यक्रम का ध्येय है। देवनागरी लिपि के इतिहास से परिचित करवाना, पारिभाषिक भाषावली एवं हिंदीपदनाम द्वारा हिंदी भाषा के तकनीकी भाषावली का ज्ञान करवाना। तकनीकी युग में हिंदी भाषा का कार्यकम्प्यूटर द्वारा संपन्नकरते समय आनेवाली तकनीकी समस्याओं से अवगत करवाना एवम् निराकरणबताना।संक्षिप्तिकरण के ज्ञान से दैनिक कार्य में सरलतालाने का प्रयास करना।</p>	<ol style="list-style-type: none"> <li>समग्र पाठ्यक्रम विद्यार्थियोंकोहिंदी भाषा में दक्षतादिलातीहै।</li> <li>अनुवादकला का ज्ञानार्जनकरियरनिर्माण में सहायकहोतीहै।</li> <li>हिंदी साहित्य में संचितकोष का लाभहिंदी भाषा ज्ञान से प्राप्तहोगा।</li> <li>अनेक प्रतियोगीपरीक्षाओं में हिंदी भाषा की अनिवार्यताहोतीहै।अतः यह पाठ्यक्रम परीक्षा के दृष्टिकोण से उत्तमहै।</li> </ol>
0828	<b>Environmental Studies</b>	<ol style="list-style-type: none"> <li>To help the social groups and individuals to acquire knowledge of pollution and environmental degradation.</li> <li>To initiate the interaction between various components which is crucial for life.</li> <li>To maintain the proper balance on the earth, as it recycles the resources through a complete cycle, in which various process are involved.</li> </ol>	<ol style="list-style-type: none"> <li>Students would be capable of individuals to acquire knowledge of the environment beyond the immediate environment including distant environment.</li> <li>Students would be capable of developing Practical skills and individuals to develop skills required for making discriminations in form, shape, sound, touch, habits and</li> </ol>

			habitats. Further, to develop ability to draw unbiased inferences and conclusions. 3. Students would be capable to work effectively in group or team to achieve goals and cans show initiative and leadership abilities.
B.Sc II Year			
Course Code	Course Name	Course Objectives	Course Outcomes
0842	Foundation Course Paper II English Language	<ol style="list-style-type: none"> <li>The primary objective of English learning is to equip the student with requisites of grammar.</li> <li>The syllabus provides an in-depth knowledge about Indian culture, Indian Art and Tradition, Scientific knowledge and Literature content.</li> <li>The focus of the subject is to generate adequate English Writing Skills and Presentation techniques.</li> <li>There is extensive learning of the Prose Content and minimal learning of Poetry.</li> <li>The step-by-step learning pattern of grammar is a positive trait of all the objectives.</li> </ol>	<ol style="list-style-type: none"> <li>The student becomes well versed in grammar and its applicability.</li> <li>The student is more connected to his/ her roots with the content of the syllabus.</li> <li>The practice sessions of the Writing skills develop expertise of the students.</li> <li>The prose content is easy to learn and its expression is simple.</li> <li>Revision of grammar and question papers make the student handle his exams with expertise.</li> </ol>
0841	Hindi Language	पाठ्यक्रम द्वारा प्रमुख रूप से विद्यार्थियों में राजभाषा एवम् राष्ट्रभाषाहिंदी के प्रतिचेतना जागृत करवाना। महापुरुषों के निबंध द्वारा विद्यार्थियों में नैतिकता का विकासप्रमुख उद्देय है। छत्तिसगढ़ के प्रसिद्ध व्यक्तित्व से परिचित करवाना एवम् अनुवाद की समझविकसित करना। व्याकरणगत अुद्धियों के प्रतिसतर्क करना।	<ol style="list-style-type: none"> <li>विद्यार्थियों में सद्गुणों का विकासहोताहै।</li> <li>भाषा के विविध रूप के ज्ञान से कार्यालयीन पत्र लेखन में पारंगतताहासिलहोतीहै।</li> <li>अनुवादकलाकैरियरनिर्माण में सहायकहै।</li> <li>प्रतियोगीपरीक्षाओं के लिए दक्षताहासिलहोतीहै।</li> </ol>
0848	Maths I (Advance Calculus)	<p>Student will develop computational skills in first-year calculus and understanding the solving procedure about the topic:</p> <ol style="list-style-type: none"> <li>Convergence of Sequence and Series</li> <li>Limit and Continuity of function</li> <li>Envelopes, Evolutes</li> <li>Beta and Gamma functions.</li> <li>Double and triple Integral</li> </ol>	<ol style="list-style-type: none"> <li>Understand completeness and compactness and limits</li> <li>Use differentiation for multivariate functions to find relativeextrema and Rates of change.</li> <li>Understand Darboux's Intermediate Value Theorem</li> <li>Understand how to change the order of integration.</li> </ol>
0849	Maths II (Differential Equation)	<p>This course is intended to expose</p> <ol style="list-style-type: none"> <li>To the basic ideas of differential equations.</li> <li>To combined with some ideas from linear algebra.</li> <li>To be successful, a student must be able to the end of the class to solve the majority of the problems with no external help.</li> </ol>	<p>Students will be able to</p> <ol style="list-style-type: none"> <li>Understand the basic ideas of differential equations.</li> <li>Combine their ideas with linear algebra.</li> <li>Solve the majority of the problems with no external help.</li> </ol>
0850	Maths III (Mechanics)	<ol style="list-style-type: none"> <li>To understand analytical conditions of Equilibrium of coplanar forces, Stable and unstable equilibrium. Virtual work. Centenary.</li> <li>To learn Forces in three dimensions and Simple harmonic motion. Elastic</li> </ol>	<ol style="list-style-type: none"> <li>Understand analytical conditions of Equilibrium of coplanar forces, Stable and unstable equilibrium. Virtual work. Centenary.</li> </ol>

		<p>strings, Projectile, Central orbits.</p> <ol style="list-style-type: none"> <li>To understand Kepler's laws of motion, velocities and acceleration in tangential and normal directions, Motion on smooth and rough plane curves.</li> <li>To provide the knowledge of Motion in a resisting medium, motion of particles of varying mass, motion of a particle in three dimensions.</li> </ol>	<ol style="list-style-type: none"> <li>Learn Forces in three dimensions and Simple harmonic motion. Elastic strings, Projectile, Central orbits.</li> <li>Understand Kepler's laws of motion, velocities and acceleration in tangential and normal directions, Motion on smooth and rough plane curves.</li> <li>Provide the knowledge of motion in a resisting medium, motion of particles of varying mass, motion of a particle in three dimensions.</li> </ol>
<b>0855</b>	<b>Computer Hardware</b>	<ol style="list-style-type: none"> <li>To introduce the overall organization of the microcomputers.</li> <li>To introduce the common peripheral devices used in computers.</li> <li>To introduce the hardware components, use of microprocessor and function of various chips used in microcomputer.</li> </ol>	<ol style="list-style-type: none"> <li>Identify the hardware components of a computer.</li> <li>Lists the hardware components such as processor, memory, disk, main board, etc.</li> <li>Explains the features (speed, capacity, etc.) of the hardware components of a computer.</li> <li>Explains the relationships between the components of a computer and how data are transferred among the components.</li> <li>Identify the peripheral devices outside computer.</li> </ol>
<b>0856</b>	<b>Computer Software</b>	<ol style="list-style-type: none"> <li>To introduce the internet &amp; web related technology &amp; learn the intricacies of web-page designing using HTML.</li> <li>To take review or tour of Programming in C and make aware of limitation of C, thereby need of the origin of C++.</li> <li>To impart knowledge in such a way that students should be able to use of concept of Object-Oriented Programming Approach in their programming skills.</li> <li>To imbibe with the knowledge of implementation of various features of C++ i.e., concept of Object, Object communication, Encapsulation, Data hiding, overloading, inheritance, polymorphism etc.</li> </ol>	<ol style="list-style-type: none"> <li>Able to know how to do programming in C++ environment.</li> <li>Able to understand and implement the concepts of object-oriented approach using C++.</li> <li>Able to acquire in depth knowledge and develop software in C++</li> <li>Identify different class attributes, member functions, base class and derived class and their relationships among them</li> <li>Learn how to reuse the code using polymorphism.</li> </ol>
<b>0843</b>	<b>Physics (I) Thermodynamics, Kinetic Theory and Statistical Physics</b>	<ol style="list-style-type: none"> <li>To understand the nature of concepts and laws of thermodynamics and entropy.</li> <li>To understand the behavior of materials in low temperature.</li> <li>To analyses thermal conductivity and black body radiation.</li> <li>To understand the laws of statistical physics.</li> </ol>	<p>Students will be able to</p> <ol style="list-style-type: none"> <li>Understand laws of thermodynamics and entropy.</li> <li>Identify and understand the behavior of materials in low temperature</li> <li>Apply the laws of thermodynamics along with necessary mathematics for solving problems.</li> <li>Understand the laws of statistical physics.</li> </ol>
<b>0844</b>	<b>Physics (II)</b>	<ol style="list-style-type: none"> <li>To understand the natural behaviour of aberration in lens</li> <li>To study the theory and experiment of interference using air wedge, Newton's rings and Michelson interferometer</li> </ol>	<p>Students will be able to</p> <ol style="list-style-type: none"> <li>Understand the natural behaviour of aberration in lenses</li> </ol>

	<b>(Waves, Acoustics Optics and Laser)</b>	3. To study the theory and experimental past of diffraction by Fresnel's and Fraunhofer methods. 4. To study the theories for production of polarization of light 5. To understand the basic principle of laser, characteristics and applications.	2. Understand the theory and experiment of interference using air wedge, Newton's rings and Michelson interferometer 3. Understand the theory and experimental past of diffraction by Fresnel's and Fraunhofer methods 4. Understand the theories for production of polarization of light 5. Understand the basic principle of laser, characteristics and applications in daily life.
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**B.Sc III Year**

<b>Course Code</b>	<b>Course Name</b>	<b>Course Objectives</b>	<b>Course Outcomes</b>
0891	<b>Hindi language</b>	पाठ्यक्रम में निहित साहित्य के अध्ययन द्वारा राष्ट्रीयता एवं सामाजिक भावना जागृत करवाना उद्देश्य है। अनेक विशयों से संबंधित लेखों के अध्ययन द्वारा विद्यार्थियों में तर्क वितर्क की क्षमता उत्पन्न करना। हिंदी भाषा की व्याकरणिक संरचना से अवगत करवाना। विभिन्न समारोह हेतु पत्र लेखन में निपुण करना।	१. पाठ्यक्रम द्वारा विद्यार्थियों में देश प्रेम, मानवता एवम् चरित्र निर्माण के गुण विकसित होते हैं। २. जीविकापार्जन हेतु कौशल विकास होता है। ३. मनन चिंतन के गुणपुष्ट होते हैं। ४. भारतीय संस्कृति एवं सभ्यता में प्रगाढ़ता आती है। ५. प्रतियोगी परीक्षाओं में पाठ्यक्रम सहायक है।
0892	<b>Foundation Course Paper II English Language</b>	1. The primary objective of English learning is to equip the student with requisites of grammar. 2. The syllabus provides an in-depth knowledge about Indian culture, Indian Art and Tradition, Scientific knowledge and Literature content. 3. The focus of the subject is to generate adequate English Writing Skills and Presentation techniques. 4. There is extensive learning of the Prose Content and minimal learning of Poetry. 5. The step-by-step learning pattern of grammar is a positive trait of all the objectives	1. The student becomes well versed in grammar and its applicability. 2. The student is more connected to his/ her roots with the content of the syllabus. 3. The practice sessions of the Writing skills develop expertise of the students. 4. The prose content is easy to learn and its expression is simple. 5. Revision of grammar and question papers make the student handle his exams
0898	<b>Maths (I) Analysis</b>	1. To deal with limits and related theories. 2. To deal with partial derivation, differentiability of function of two variables and implicit function, Improper integrals and their test of convergence, integration as a function of a parameter, Riemann Integral measure, infinite series, and analytic functions. 3. To studied in the context of real and complex numbers and functions.	Students would able to 1. Deal with limits and related theories. 2. Deal with partial derivation, differentiability of function of two variables and implicit function, Improper integrals and their test of convergence, integration as a function of a parameter, Riemann Integral measure, infinite series, and analytic functions. 3. Studied in the context of real and complex numbers and functions.

0899	<b>Maths (II) Abstract Algebra</b>	<ol style="list-style-type: none"> <li>1. To understand Group - Automorphisms, inner automorphism. Automorphism of groups Conjugacy relation. Normalizer, Counting principle and the class equation of a finite group, Sylow's theorems. Sylow subgroup.</li> <li>2. To learn Ring theory, Field of quotients of an integral domain Euclidean ring, polynomial rings. Submodules. Quotient modules, Homomorphism and Isomorphisms theorems.</li> <li>3. To understand vector spaces. Subspaces. Linear span. Linear dependence. Finite dimensional vector spaces. Existence of complementary subspace of a finite dimensional vector space.</li> <li>4. To provide the knowledge of linear transformations and their representation as matrices. The Algebra of linear transformations. Dual space. Bidual space and natural isomorphism. Eigen values and eigenvectors of a linear transformation diagonalization.</li> <li>5. To learn Inner product Spaces-Cauchy-Schwarz inequality. Orthogonal vectors. Orthogonal Complements. Bessel's inequality for finite dimensional spaces. Gram-Schmidt Orthogonalization process.</li> </ol>	<ol style="list-style-type: none"> <li>1. To understand Group - Automorphisms, inner automorphism. Automorphism of groups Conjugacy relation. Normalizer, Counting principle and the class equation of a finite group, Sylow's theorems. Sylow subgroup.</li> <li>2. To learn Ring theory, Field of quotients of an integral domain Euclidean ring, polynomial rings. Submodules. Quotient modules, Homomorphism and Isomorphisms theorems.</li> <li>3. To understand vector spaces. Subspaces. Linear span. Linear dependence. Finite dimensional vector spaces. Existence of complementary subspace of a finite dimensional vector space.</li> <li>4. To provide the knowledge of linear transformations and their representation as matrices. The Algebra of linear transformations. Dual space. Bidual space and natural isomorphism. Eigen values and eigenvectors of a linear transformation diagonalization.</li> <li>5. To learn Inner product Spaces-Cauchy-Schwarz inequality. Orthogonal vectors. Orthogonal Complements. Bessel's inequality for finite dimensional spaces. Gram-Schmidt Orthogonalization process.</li> </ol>
0901	<b>Maths (III) Discrete Mathematics</b>	<ol style="list-style-type: none"> <li>1. Present concept and properties of various algebraic structure.</li> <li>2. Develop the ability to form and evaluate conjectures.</li> <li>3. Discuss the importance of algebraic properties relative to working within various number system.</li> </ol>	<p>Student will be able to understand</p> <ol style="list-style-type: none"> <li>1. Logical concepts and to show logical equivalences by using truth tables</li> <li>2. Learn concept related to counting.</li> <li>3. Advanced counting.</li> <li>4. Student Learn about the different type of Graph.</li> <li>5. Understanding about Relation and Function.</li> </ol>
0893	<b>Physics (I) Relativity, Quantum Mechanics, Atomic Molecular and Nuclear Physics</b>	<ol style="list-style-type: none"> <li>1. To connect the students with the idea of modern physics.</li> <li>2. To enhance their ability to visualize microscopic behavior.</li> <li>3. To inform them about the motion of particles (atomic size) with high speed and the concepts of relativity.</li> <li>4. To give them knowledge about the fundamental forces and nuclear forces in deep.</li> </ol>	<ol style="list-style-type: none"> <li>1. Understand the behavior of particles at microscopic level.</li> <li>2. Understand the concept of relativity and quantum physics.</li> <li>3. Gain the idea of microscopic and atomic properties.</li> <li>4. Understand the forces in nature and nuclear characteristics.</li> </ol>

0894	<b>Physics (2) Solid State Physics, Solid State Devices and Electronics</b>	<ol style="list-style-type: none"> <li>1. To connect the students with the concept of crystal structure.</li> <li>2. To give the knowledge of behavior of magnetic domains in external magnetic fields.</li> <li>3. To impart the knowledge of the basic electronic components and their applications.</li> <li>4. To make the students learn about the digital laws.</li> </ol>	<p>Students will be able to</p> <ol style="list-style-type: none"> <li>1. Understand the crystal structure.</li> <li>2. Understand the behavior of magnetic domains in external magnetic fields.</li> <li>3. Understand the basic electronic components and their applications.</li> <li>4. Imply the digital laws to minimize a complicated electrical circuit.</li> </ol>
0909	<b>Computer Hardware</b>	<ol style="list-style-type: none"> <li>1. To introduce the overall organisation of the microcomputers and operating systems.</li> <li>2. To introduce the interaction of common devices used with computers with operating softwares, excluding the Assembly languages, with special reference to DOS/WINDOWS.</li> <li>3. To introduce the working of hardware components, Micro-Processor and various chips used in micro-computers by operating system, without the use of electronic circuitry.</li> <li>4. To introduce the use of operating systems architecture with IBM-PC &amp; clones, excluding Assembly language, with forms an important part of hardware's.</li> </ol>	<p>Students will be able to</p> <ol style="list-style-type: none"> <li>1. Identify the hardware components of a computer.</li> <li>2. Lists the hardware components such as processor, memory, disk, main board, etc.</li> <li>3. Explains the features (speed, capacity, etc.) of the hardware components of a computer.</li> <li>4. Explains the relationships between the components of a computer and how data are transferred among the components.</li> <li>5. identify the peripheral devices outside computer.</li> <li>6. Uses computer using input devices, such as keyboard and mouse.</li> <li>7. Transfers data outside the computer using output devices, such as screen and printer.</li> <li>8. Saves files to removable devices and loads files from removable devices.</li> <li>9. Connects to the Internet using network cards.</li> </ol>
0910	<b>Computer Software</b>	<ol style="list-style-type: none"> <li>1. To introduce Data Base Management system concepts</li> <li>2. To introduce the Relational Database Management System and Relational Database Design</li> <li>3. To Introduce the RDBMS software and utility of query Language.</li> <li>4. Introduce basic concept of all Programming and database connectivity using visual Basic</li> </ol>	<p>At the end of the course, the students will develop ability to</p> <ol style="list-style-type: none"> <li>1. Define the basic concepts of DBMS,</li> <li>2. Design entity relationship model and relational model, integrity constraints.</li> <li>3. Apply SQL to insert, delete and retrieve data from databases.</li> <li>4. Convert entity relationship diagrams into RDBMS and formulate SQL queries on respective data.</li> </ol>

MAIC



**M.Com****M.Com I Semester**

<b>Course Code</b>	<b>Course Name</b>	<b>Course Objectives</b>	<b>Course Outcomes</b>
<b>101</b>	<b>Managerial Economics</b>	<ol style="list-style-type: none"> <li>1. The objective of this course is to develop the ability to apply the concepts, tools and techniques of economics in analyzing and interpreting business decisions.</li> <li>2. Using economical tools to analyze business situations</li> <li>3. To enhance knowledge regarding how to apply economic principles to solve business problems.</li> </ol>	<ol style="list-style-type: none"> <li>1. To Enhance Knowledge regarding using economic ideas for crisis management.</li> <li>2. Facilitating demand analysis and demand forecasting.</li> <li>3. Knowledge about Allocating scarce resources for optimizing return</li> <li>4. To increase the Knowledge of students how to Pursue the larger objectives of the firm other than profit maximization</li> </ol>
<b>102</b>	<b>Advanced Accounting</b>	<ol style="list-style-type: none"> <li>1. Understand the accounting treatment for valuation of goodwill and shares.</li> <li>2. Students appraise about the application of company accounting knowledge in preparation of financial statements of Companies.</li> <li>3. Impart the students, knowledge about accounting treatment of corporate undertakings restructuring.</li> </ol>	<ol style="list-style-type: none"> <li>1. Understanding the concept of Equity Shares Issue at Par, at Premium and at Discount &amp; Forfeiture and Re-issue.</li> <li>2. To learn the Pre -incorporation, Post - incorporation &amp; Preparation of Final accounts of companies.</li> <li>3. Learn about the Alteration of share capital and internal reconstruction</li> </ol>
<b>103</b>	<b>Income Tax Law &amp; Accounts</b>	<ol style="list-style-type: none"> <li>1. To enable the students to identify the basic concepts, definitions and terms related to Income Tax.</li> <li>2. To enable the students to determine the residential status of an individual and scope of total income</li> <li>3. To enable the students to compute income under various heads namely income from salaries, house property, business/ profession, capital gains and income from other sources.</li> </ol>	<ol style="list-style-type: none"> <li>1. Students would identify the technical terms related to Income Tax.</li> <li>2. Students would determine the residential status of an individual and scope of total income.</li> <li>3. Students would compute income from salaries, house property, business/profession, capital gains and income from other sources.</li> <li>4. Students would compute the net total income of an individual.</li> </ol>
<b>104</b>	<b>Statistical Analysis</b>	<ol style="list-style-type: none"> <li>1. To help students learn the application of statistical tools and techniques for decision making.</li> <li>2. To study the various facts and problems in the field of research.</li> <li>3. Its help to organise, summarised and analysis of numerical data.</li> </ol>	<ol style="list-style-type: none"> <li>1. To learn the basic tools and formula of statistic.</li> <li>2. To use the statistical tools in field of research.</li> <li>3. To use the various formula and concept of dispersion and skewness and models of probability models.</li> </ol>
<b>105</b>	<b>Corporate Legal Framework</b>	<ol style="list-style-type: none"> <li>1. Legal Frameworks in business is a module that provides an insight into and an understanding of the workings of business organizations, including their formation and effect, operations and management.</li> <li>2. To assist the students in understanding corporate laws affecting the operations of a business enterprise.</li> </ol>	<ol style="list-style-type: none"> <li>1. Students should be able to demonstrate the ability to apply both in theory and in practice the Constitutional Law knowledge in legal practice of law.</li> <li>2. Students should be able to write effective illegal context and knowledge.</li> </ol>

**M.Com II Semester**

<b>Course Code</b>	<b>Course Name</b>	<b>Course Objectives</b>	<b>Course Outcomes</b>
<b>201</b>	<b>Business Economics</b>	<ol style="list-style-type: none"> <li>1. To make student understand the demand and supply analysis in business applications.</li> <li>2. To understand the pricing and output decisions under various market structure.</li> <li>3. To Help Students Understand Factors of Production as a separate head and its uses in practical economics.</li> </ol>	<ol style="list-style-type: none"> <li>1. To familiarize the students with the basic concept of microeconomics.</li> <li>2. To familiarize students with the production and cost structure under different stages of production.</li> <li>3. To help students understand and apply the various decision tools to understand the market structure.</li> </ol>
<b>202</b>	<b>Specialized Accounting</b>	<ol style="list-style-type: none"> <li>1. The main object of Specialized Accounting is to enable the students to develop awareness about Specialized Accounting in conformity with the latest provisions of the <b>Companies Act, 2013.</b></li> <li>2. The objective of this course is to expose students to accounting issues and practices such as maintenance of company account and handling accounting adjustments.</li> <li>3. Understanding the methods of presenting financial statements under double accounting system.</li> </ol>	<ol style="list-style-type: none"> <li>1. To provide a systematic and rigorous learning and exposure to Banking and Finance related disciplines</li> <li>2. Provide working knowledge of accounting principles and procedures for recording of transactions related to corporate entities, and for preparing the corporate accounts and statements in accordance with the statutory requirements.</li> <li>3. Understanding the advanced aspects of accounting related to foreign branch and insurance company.</li> </ol>
<b>203</b>	<b>Tax Planning &amp; Management</b>	<ol style="list-style-type: none"> <li>1. To make the students aware of the corporate tax laws of India.</li> <li>2. Understanding the corporate tax laws and use it for tax planning.</li> <li>3. To make the students aware of what business income is and when it gets taxed.</li> <li>4. The course also provides students with knowledge the difference between tax avoidance and tax planning.</li> <li>5. To enable the students about Return of Income and Assessment, Penalties and Prosecutions and Appeals and Revisions.</li> </ol>	<ol style="list-style-type: none"> <li>1. Students will be able to identify the difference between tax evasion, tax avoidance and tax planning and tax management and how the provisions in the corporate tax laws can be used for tax planning.</li> <li>2. Students of the course will be able to explain different types of incomes and their taxability and provisions in respect of Free Trade Zone, Infrastructure Sector, Backward areas.</li> <li>3. Students will be able to outline the corporate tax laws and their provisions related to financial and managerial decisions.</li> <li>4. Students will be able to plan tax in relation to setting up new business.</li> <li>5. Students will be able to file the returns and assessment independently</li> </ol>
<b>204</b>	<b>Advance Statistics</b>	<ol style="list-style-type: none"> <li>1. To help students learn the application of statistical tools and techniques for decision making.</li> <li>2. To study the various facts and problems in the field of research.</li> <li>3. Its help to organize, summarized and analysis of numerical data.</li> </ol>	<ol style="list-style-type: none"> <li>1. To learn the basic tools and formula of statistic.</li> <li>2. To use the statistical tools in field of research.</li> <li>3. To use the various formula and concept of dispersion and skewness and models of probability models.</li> </ol>
<b>205</b>	<b>Business Law</b>	<ol style="list-style-type: none"> <li>1. The course seeks to provide the basic understanding of important areas falling under the sphere of Commercial Law.</li> </ol>	<ol style="list-style-type: none"> <li>1. The study of law determines which areas of law are relevant to a particular situation.</li> </ol>

		<ol style="list-style-type: none"> <li>2. To help the students to understand the basic rules of Agreements and Contracts along with the basic Rules of Offer, Acceptance, Consideration, Capacity/Competency to contract &amp; rules governing Consideration in The Indian Contract Act, 1872.</li> <li>3. It is designed to provide enthusiastic knowledge seeking personnel the legal background of the areas that they normally engage into without the knowledge of the relevant legal framework.</li> <li>4. To help the students to understand the nuance of The Partnership Act, 1932, Concepts, Essentials, True Test of Partnership, Types, Rights &amp; Duties. Modes &amp; Consequences of Dissolution of Partnership. Concepts, Characteristics of LL.P. Under Limited Liability Partnership Act, 2008.</li> <li>5. To protect the interests of consumers and other members of the business community.</li> </ol>	<ol style="list-style-type: none"> <li>2. Studying law has a unique career option.</li> <li>3. You can take the judicial service exams in addition to the Indian Administrative Service Exams.</li> <li>4. Real life examples will be used to showcase how theoretical knowledge has to be applied to real life scenarios.</li> <li>5. You can specialize by opting for the post-graduation course in law and can opt for teaching law at several government and private educational institutions.</li> </ol>
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**M.Com III Semester**

Course Code	Course Name	Course Objectives	Course Outcomes
301	<b>Management Concept</b>	<ol style="list-style-type: none"> <li>1. To help the students gain understanding of the functions and responsibilities of managers.</li> <li>2. To provide them tools and techniques to be used in the performance of the managerial job.</li> <li>3. To enable them to analyze and understand the environment of the organization.</li> <li>4. To help the students to develop cognizance of the importance of management principles.</li> </ol>	<ol style="list-style-type: none"> <li>1. Understand the concepts related to Business.</li> <li>2. Demonstrate the roles, skills and functions of management.</li> <li>3. Analyze effective application of PPM knowledge to diagnose and solve organizational problems and develop optimal managerial decisions.</li> <li>4. Understand the complexities associated with management of human resources in the organizations and integrate the learning in handling these complexities.</li> </ol>
302	<b>Organizational Behavior</b>	<ol style="list-style-type: none"> <li>1. To learn the basic concepts of Organizational Behavior and its applications in contemporary organizations.</li> <li>2. To understand how individual, groups and structure have impacts on the organizational effectiveness and efficiency.</li> <li>3. To appreciate the theories and models of organizations in the workplace.</li> <li>4. To creatively and innovatively engage in solving organizational challenges.</li> <li>5. To learn and appreciate different cultures and diversity in the workplace.</li> </ol>	<ol style="list-style-type: none"> <li>1. To understand the conceptual framework of the discipline of OB and its practical applications in the organizational set up.</li> <li>2. To know how to apply the role of individual, groups and structure in achieving organizational goals effectively and efficiently.</li> <li>3. To critically evaluate and analyze various theories and models that contributes in the overall understanding of the discipline.</li> <li>4. To develop creative and innovative ideas that could positively shape the organizations.</li> <li>5. To accept and embrace in working with different people from different cultural and diverse background in the workplace.</li> </ol>

303	<b>Advanced cost Account</b>	<ol style="list-style-type: none"> <li>1. The objective of the course is to equip the students with the ability to analysis interpret and use advanced cost accounting information in practical decision making. The course aims at explaining the core concepts of advanced cost accounting &amp; its importance in managing a business.</li> <li>2. To study the costing concept and methods</li> <li>3. To know the ABC costing, Responsibility Accounting&amp; process costing with normal and abnormal loss</li> <li>4. To update the Strategic Cost Management.</li> </ol>	<ol style="list-style-type: none"> <li>1. This course provides the students an understanding of the application of advanced cost accounting techniques for management such as single output costing, process costing, cost allocation, ABC costing, Responsibility Accounting &amp; Strategic Cost Management etc.</li> <li>2. The student is expected to have a good working knowledge of the subject.</li> <li>3. Students learn about cost accounting for cost management, planning and control through budgetary control and variance analysis through activity-based costing.</li> <li>4. Students acquire decision making skill in cost accounting to the level where he or she can function effectively as a professional.</li> </ol>
304	<b>Management Accounting</b>	<ol style="list-style-type: none"> <li>1. To enhance the abilities of learners to develop the concept of management accounting and its significance in the business.</li> <li>2. To enhance the abilities of learners to analyze the financial statements.</li> <li>3. To enable the learners to understand, develop and apply the techniques of management accounting in the financial decision making in the business corporate.</li> <li>4. To make the students develop competence with their usage in managerial decision making and control.</li> </ol>	<ol style="list-style-type: none"> <li>1. Analyze cost-volume-profit techniques to determine optimal managerial Decisions.</li> <li>2. Prepare a master budget and demonstrate an understanding of the Relationship between the components.</li> <li>3. Perform cost variance analysis and demonstrate the use of standard costs in flexible budgeting.</li> <li>4. Prepare analyses of various special decisions, using relevant costing and Benefits.</li> </ol>
305	<b>Accounting for Managerial Decisions</b>	<ol style="list-style-type: none"> <li>1. To help the students to develop cognizance of the importance of accounting in Organization financial statements</li> <li>2. To enable students to describe how people analyze the corporate financial under different Conditions and understand why people describe the financial statements in different manner.</li> <li>3. To provide the students to analyze specific characteristics of Logistics Management Accounting and their future action for expenses and income.</li> </ol>	<ol style="list-style-type: none"> <li>1. Demonstrate the applicability of the concept of accounting to understand the managerial Decisions and financial statements</li> <li>2. Apply the Financial Statement Analysis associate with Financial Data in the organization.</li> <li>3. Analyze the complexities associated with management of cost of product and services in the Organization.</li> </ol>

**M.Com IV Semester**

Course Code	Course Code	Course Code	Course Code
401	<b>Principle of Marketing</b>	<ol style="list-style-type: none"> <li>1. To help the students gain understanding of the functions and responsibilities of Manager.</li> <li>2. To provide them tools and techniques to be used in the performance of managerial job.</li> </ol>	<ol style="list-style-type: none"> <li>1. Understand the concept related to business.</li> <li>2. Demonstrate the roles, skills, function of management.</li> </ol>

		<ol style="list-style-type: none"> <li>3. To enable them to analyze and understand the environment of the organisation.</li> <li>4. To help the students to develop cognizance of the importance of management principles</li> </ol>	<ol style="list-style-type: none"> <li>3. Understand the complexities associated with management of human resource in the organizations and integrate the learning in handling these complexities.</li> </ol>
<b>402</b>	<b>Advertising and Sales Management</b>	<ol style="list-style-type: none"> <li>1. To learn and understand the basic concepts and terminology in advertising with an emphasis on integrated marketing communication</li> <li>2. To understand and effectively utilize creative elements in advertising campaigns</li> <li>3. To understand the meaning of advertising agencies and their selection</li> <li>4. Identify the roles of advertising, sales promotion, public relations, personal selling, and direct marketing in the promotion mix</li> <li>5. To know the objectives of sales force management, its recruitment and selection</li> </ol>	<ol style="list-style-type: none"> <li>1. Articulate the role of advertising and explore how it differs from other types of marketing communication.</li> <li>2. Identify some of the positive and negative effects that advertising has on contemporary society</li> <li>3. Analyze the expanding environment of media and communication techniques.</li> <li>4. Examine the importance of market segmentation, position and action objectives to the development of an advertising and promotion program.</li> <li>5. Develop creative strategies for advertising. Plan media strategy, scheduling, and vehicle selection. Assess strategic uses of sales promotions.</li> </ol>
<b>403</b>	<b>Marketing Research</b>	<ol style="list-style-type: none"> <li>1. To give the students an understanding of marketing research from both user's (management) and doer's (the researchers) perspective.</li> <li>2. To design and produce, evaluate a research proposal &amp; understand the quality of research studies.</li> <li>3. To learn the basic skills to conduct professional marketing research.</li> <li>4. To understand the applications of business research tools in Marketing decision making</li> </ol>	<ol style="list-style-type: none"> <li>1. Understand basic concept of advertisement&amp; the way these advertisements are created.</li> <li>2. Understand ethics to be practised in advertising.</li> <li>3. Identify the concept and roles sales management.</li> <li>4. Acquire knowledge about the types of media used and planning/scheduling of media</li> </ol>
<b>404</b>	<b>International Marketing</b>	<ol style="list-style-type: none"> <li>5. This course aims at acquainting student with the operations of marketing in international environment.</li> <li>6. The course aims at exposing the students to the global business activities, marketing in international business and global forces transforming the international business today.</li> <li>7. The course would develop a general perspective about managing international business both in operational as well as strategic context.</li> </ol>	<ol style="list-style-type: none"> <li>1. Apply the key terms, definitions, and concepts used in marketing with an international perspective.</li> <li>2. Compare the value of developing global awareness vs. a local perspective in marketing.</li> <li>3. Evaluate different cultural, political, and legal environments influencing international trade.</li> <li>4. Distinguish the advantages and disadvantages Canadian products and services possess in international marketing in both emerging markets and mature markets.</li> </ol>

**B. Voc. (Bachelor of Interior Design)**

**Interior Design First Year**

<b>Course Code</b>	<b>Course Name</b>	<b>Course Objectives</b>	<b>Course Outcomes</b>
<b>BVID101</b>	<b>Communication Skills-I</b>	<ol style="list-style-type: none"> <li>To improve spoken English</li> <li>To teach students to make their designs presentable</li> <li>To improve communication for explaining their respective designs</li> </ol>	Students will be <ol style="list-style-type: none"> <li>Able to speak English</li> <li>Able to present their Design</li> <li>Able to Explain their Design in front of jury</li> </ol>
<b>BVID102</b>	<b>History of Interior Design</b>	<ol style="list-style-type: none"> <li>To learn about evolution of design through the historic timeline.</li> <li>To understand the style of interior design.</li> <li>To understand historical importance, functions and development of furniture.</li> </ol>	Students will <ol style="list-style-type: none"> <li>Able to Understand of design through the historic.</li> <li>Able to Identify the style of interior design.</li> <li>Understand the historical furniture and their design parameters.</li> </ol>
<b>BVID103</b>	<b>Basic Design and Visual Arts - I</b>	<ol style="list-style-type: none"> <li>To improve the student's sketching skill</li> <li>To develop artistic skills and visual perception.</li> <li>To understand the elements and principle of composition</li> <li>To understand the basic concept behind design</li> </ol>	Students will <ol style="list-style-type: none"> <li>Able to sketch the graphics</li> <li>Have perception to understand design</li> <li>Will understand composition and its parameters</li> <li>Able to develop design from basic concepts</li> </ol>
<b>BVID104</b>	<b>Construction &amp; Materials - I</b>	<ol style="list-style-type: none"> <li>To understand the basics of construction</li> <li>To improve knowledge of basic building material.</li> <li>To update students about new technology and material</li> </ol>	Students will <ol style="list-style-type: none"> <li>Able to identify types of building and its structure</li> <li>Able to identify basic material materials</li> <li>Able to Understand the construction technology and material</li> </ol>
<b>BVID105</b>	<b>Graphic Design - I</b>	<ol style="list-style-type: none"> <li>To improve the drafting skill</li> <li>To develop the understanding of unit and measurements</li> <li>To draft basic 2d and 3d drawings.</li> <li>To develop the understanding of 3d objects and views</li> </ol>	Students will <ol style="list-style-type: none"> <li>Able to draft the basic objects</li> <li>Able to understand the units and will be able to measure objects</li> <li>Able to draft 2d and 3d objects</li> <li>Able to visualize and draft basic 3d views</li> </ol>
<b>BVID105</b>	<b>Interior Design - I</b>	<ol style="list-style-type: none"> <li>To Understand the Interior design profession and its scope</li> <li>To understand the anthropometry and ergonomics</li> <li>To learn the functional aspects of design</li> <li>To understand the aspects of interior aesthetic</li> </ol>	Students will <ol style="list-style-type: none"> <li>Be able to understand the interior design profession and its scope</li> <li>Be able to understand the anthropometry and ergonomics</li> <li>Will learn the functional aspects of design</li> <li>Be able to understand the aspects of interior aesthetic</li> </ol>

**Interior Design II Semester**

<b>Course Code</b>	<b>Course Name</b>	<b>Course Objectives</b>	<b>Course Outcomes</b>
<b>BVID201</b>	<b>Communication Skills-I</b>	<ol style="list-style-type: none"> <li>To improve spoken English</li> <li>To teach students to make their designs presentable</li> <li>To improve communication for explaining their respective designs</li> </ol>	Students will be <ol style="list-style-type: none"> <li>Able to speak English</li> <li>Able to present their Design</li> <li>Able to explain their Design in front of jury</li> </ol>
<b>BVID202</b>	<b>Graphic Design – II</b>	<ol style="list-style-type: none"> <li>To improve the drafting skill</li> <li>To develop the understanding of 3d objects and views</li> <li>To make one point and two-point perspectives</li> <li>To make shades and shadows in plan</li> </ol>	Students will <ol style="list-style-type: none"> <li>Able to improve the drafting skill</li> <li>Able to develop the understanding of 3d objects and views</li> <li>Able to one point and two-point perspectives</li> <li>Able to shades and shadows in plan</li> </ol>
<b>BVID203</b>	<b>Basic Design and Visual Arts - II</b>	<ol style="list-style-type: none"> <li>To improve the student’s sketching skill</li> <li>To develop artistic skills and visual perception.</li> <li>To understand the elements and principle of composition</li> <li>To understand the basic concept behind design</li> </ol>	Students will <ol style="list-style-type: none"> <li>Able to sketch the graphics</li> <li>Have perception to understand design</li> <li>Will understand composition and its parameters</li> <li>Able to develop design from basic concepts</li> </ol>
<b>BVID204</b>	<b>Construction &amp; Materials - II</b>	<ol style="list-style-type: none"> <li>To understand the basics of construction</li> <li>To improve knowledge of basic building material.</li> <li>To update students about new technology and material</li> </ol>	Students will <ol style="list-style-type: none"> <li>Able to identify types of building and its structure</li> <li>Able to identify basic material materials</li> <li>Able to Understand the construction technology and material</li> </ol>
<b>BVID205</b>	<b>Interior Services – I</b>	<ol style="list-style-type: none"> <li>To understand electrical interior services and their applications</li> <li>To understand lighting interior services and their applications</li> <li>To calculate electrical load and prepare electrical drawings</li> </ol>	<ol style="list-style-type: none"> <li>Able to understand electrical interior services and their applications</li> <li>Able to understand lighting interior services and their applications</li> <li>Able to calculate electrical load and prepare electrical drawings</li> </ol>
<b>BVID206</b>	<b>Interior Design - I</b>	<ol style="list-style-type: none"> <li>To Understand the Interior design profession and its scope</li> <li>To understand the anthropometry and ergonomics</li> <li>To learn the functional aspects of design</li> <li>To understand planning and design of a commercial space</li> </ol>	Students will <ol style="list-style-type: none"> <li>Able to Understand the Interior design profession and its scope</li> <li>Able to understand the anthropometry and ergonomics</li> <li>Able to learn the functional aspects of design</li> <li>Able to understand planning and design of a commercial space</li> </ol>

**Interior Design III Semester**

<b>Course Code</b>	<b>Course Name</b>	<b>Course Objectives</b>	<b>Course Outcomes</b>
<b>BVID301</b>	<b>Computer Applications – I</b>	<ol style="list-style-type: none"> <li>To learn basic drafting soft wares.</li> <li>To draft plans, sections, elevations and details in 2d software</li> <li>To learn to make plans, sections, elevations and details presentable through softwares</li> </ol>	Students will be <ol style="list-style-type: none"> <li>Able to learn basic drafting softwares.</li> <li>Able to draft plans, sections, elevations and details in 2d software</li> <li>Able to learn to make plans, sections, elevations and details presentable through softwares.</li> </ol>
<b>BVID302</b>	<b>Specifications</b>	<ol style="list-style-type: none"> <li>To learn Purpose and need of Specifications for a project.</li> <li>To learn to use Specifications for a project.</li> <li>To learn to write Specifications for a project.</li> </ol>	Students will <ol style="list-style-type: none"> <li>Able to learn Purpose and need of Specifications for a project.</li> <li>Able to learn to use Specifications for a project.</li> <li>Able to learn to write Specifications for a project.</li> </ol>
<b>BVID303</b>	<b>Furniture Design I</b>	<ol style="list-style-type: none"> <li>To learn to Design furniture</li> <li>To learn to detail &amp; draw furniture</li> <li>To learn Execution/Shop drawings of furniture</li> </ol>	Students will <ol style="list-style-type: none"> <li>Able to learn to Design furniture</li> <li>Able to learn to detail &amp; draw furniture</li> <li>Able to learn Execution/Shop drawings of furniture</li> </ol>
<b>BVID304</b>	<b>Construction &amp; Materials - III</b>	<ol style="list-style-type: none"> <li>To understand the basics of construction</li> <li>To improve knowledge of basic building material.</li> <li>To update students about new technology and material</li> </ol>	<ol style="list-style-type: none"> <li>Able to identify types of building and its structure</li> <li>Able to identify basic material materials</li> <li>Able to Understand the construction technology and material</li> </ol>
<b>BVID305</b>	<b>Interior Services – II</b>	<ol style="list-style-type: none"> <li>To understand plumbing interior services and their applications</li> <li>To understand sanitary interior services and their applications</li> <li>To understand hot water supply services and their applications</li> </ol>	Students will be <ol style="list-style-type: none"> <li>Able to understand plumbing interior services and their applications</li> <li>Able to understand sanitary interior services and their applications</li> <li>Able to understand hot water supply services and their applications</li> </ol>
<b>BVID306</b>	<b>Interior Design - III</b>	<ol style="list-style-type: none"> <li>To Understand the Interior design profession and its scope</li> <li>To understand the anthropometry and ergonomics</li> <li>To learn the functional aspects of design</li> <li>To understand planning and design of a residence</li> </ol>	Students will <ol style="list-style-type: none"> <li>Able to Understand the Interior design profession and its scope</li> <li>Able to understand the anthropometry and ergonomics</li> <li>Able to learn the functional aspects of design</li> <li>Able to understand planning and design of a residence</li> </ol>



<b>BVID307</b>	<b>Computer Applications – II</b>	<ol style="list-style-type: none"> <li>To learn basic drafting softwares.</li> <li>To draft plans, sections, elevations and details in 2d software</li> <li>To learn to make plans, sections, elevations and details presentable through softwares</li> </ol>	<p>Students will be</p> <ol style="list-style-type: none"> <li>Able to learn basic drafting softwares.</li> <li>Able to draft plans, sections, elevations and details in 2d software</li> <li>Able to learn to make plans, sections, elevations and details presentable through softwares.</li> </ol>
<b>Interior Design IV Semester</b>			
<b>Course Code</b>	<b>Course Code</b>	<b>Course Code</b>	<b>Course Code</b>
<b>BVID401</b>	<b>Estimation</b>	<ol style="list-style-type: none"> <li>To learn Purpose and need of Estimation for a project.</li> <li>To learn to use Estimation for a project.</li> <li>To learn to write Estimates for a project.</li> </ol>	<p>Students will</p> <ol style="list-style-type: none"> <li>Able to learn Purpose and need of Estimation for a project.</li> <li>Able to learn to use Estimation for a project.</li> <li>Able to learn to write Estimates for a project.</li> </ol>
<b>BVID402</b>	<b>Furniture Design –II</b>	<ol style="list-style-type: none"> <li>To learn to Design Customized furniture</li> <li>To learn to detail &amp; draw furniture</li> <li>To learn Execution/Shop drawings of furniture</li> </ol>	<p>Students will</p> <ol style="list-style-type: none"> <li>Able to learn to Design Customized furniture</li> <li>Able to learn to detail &amp; draw furniture</li> <li>Able to learn Execution/Shop drawings of furniture</li> </ol>
<b>BVID403</b>	<b>Construction &amp; Materials - IV</b>	<ol style="list-style-type: none"> <li>To understand the basics of construction</li> <li>To improve knowledge of basic building material.</li> <li>To update students about new technology and material</li> </ol>	<p>Students will</p> <ol style="list-style-type: none"> <li>Able to understand the basics of construction</li> <li>Able to improve knowledge of basic building material.</li> <li>Able to update students about new technology and material</li> </ol>
<b>BVID404</b>	<b>Interior Services – III</b>	<ol style="list-style-type: none"> <li>To understand HVAC interior services and their applications</li> <li>To understand Fire Fighting interior services and their applications</li> <li>To understand Communication &amp; Security Systems and their applications</li> <li>To understand Building Automation Systems and their applications</li> </ol>	<p>Students will</p> <ol style="list-style-type: none"> <li>Able to understand HVAC interior services and their applications</li> <li>Able to understand Fire Fighting interior services and their applications</li> <li>Able to understand Communication &amp; Security Systems and their applications</li> <li>Able to understand Building Automation Systems and their applications</li> </ol>

<b>BVID405</b>	<b>Interior Design - IV</b>	<ol style="list-style-type: none"> <li>To Understand the Interior design profession and its scope</li> <li>To understand the anthropometry and ergonomics</li> <li>To learn the functional aspects of design</li> <li>To understand planning and design of a Hospitality Space</li> </ol>	<p>Students will</p> <ol style="list-style-type: none"> <li>Able to Understand the Interior design profession and its scope</li> <li>Able to understand the anthropometry and ergonomics</li> <li>Able to learn the functional aspects of design</li> <li>Able to understand planning and design of a Hospitality Space</li> </ol>
<b>Interior Design IV Semester</b>			
<b>Course Code</b>	<b>Course Code</b>	<b>Course Code</b>	<b>Course Code</b>
<b>BVID501</b>	<b>Computer Applications –III</b>	<ol style="list-style-type: none"> <li>To learn basic drafting soft wares.</li> <li>To draft plans, sections, elevations and details in 2d software</li> <li>To learn to make plans, sections, elevations and details presentable through softwares</li> </ol>	<p>Students will be</p> <ol style="list-style-type: none"> <li>Able to learn basic drafting soft wares.</li> <li>Able to draft plans, sections, elevations and details in 2d software</li> <li>Able to learn to make plans, sections, elevations and details presentable through softwares</li> </ol>
<b>BVID 502</b>	<b>Professional Practice</b>	<ol style="list-style-type: none"> <li>To learn role of Interior Designer in society</li> <li>To learn issues of the professional field</li> <li>To learn about duties as a designer and setting up practice</li> </ol>	<p>Students will</p> <ol style="list-style-type: none"> <li>Able to learn role of Interior Designer in society</li> <li>Able to learn issues of the professional field</li> <li>Able to learn about duties as a designer and setting up practice</li> </ol>
<b>BVID 503</b>	<b>Sustainable Practices in Interior Design</b>	<ol style="list-style-type: none"> <li>To learn sustainable designs and applications</li> <li>To learn concepts of sustainable interiors</li> <li>To learn principles and practice of Sustainable interior design</li> </ol>	<p>Students will</p> <ol style="list-style-type: none"> <li>Able to learn sustainable designs and applications</li> <li>Able to learn concepts of sustainable interiors</li> <li>Able to learn principles and practice of Sustainable interior design</li> </ol>
<b>BVID 504</b>	<b>Project</b>	<ol style="list-style-type: none"> <li>To understand basic research methods.</li> <li>To understand the anthropometry and ergonomics</li> <li>To learn the functional aspects of design</li> <li>To understand planning and design of space at any given scale</li> </ol>	<p>Students will</p> <ol style="list-style-type: none"> <li>Able to understand basic research methods.</li> <li>Able to understand the anthropometry and ergonomics</li> <li>Able to learn the functional aspects of design</li> <li>Able to understand planning and design of space at any given scale</li> </ol>

**Interior Design IV Semester**

<b>Course Code</b>	<b>Course Code</b>	<b>Course Code</b>	<b>Course Code</b>
<b>B.VOC ID-III</b>	<b>Project (Internship)</b>	<ol style="list-style-type: none"> <li>1. To have thorough practical knowledge of the field</li> <li>2. To learn about pre-professional experience whereby students get the required experience to get hired into or start-up a design firm.</li> <li>3. To develop the knowledge and skills employers seek in this competitive job market.</li> </ol>	<p>Students will</p> <ol style="list-style-type: none"> <li>1. Have thorough practical knowledge of the field</li> <li>2. Able to learn about pre-professional experience whereby students get the required experience to get hired into or start-up a design firm.</li> <li>3. Able to develop the knowledge and skills employers seek in this competitive job market.</li> </ol>

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