

<b>CO-1</b>	Understand the various organizational theories and also the concept of authority, responsibility.
<b>CO-2</b>	Analyze the organisation Behavior model.
<b>CO-3</b>	Remember the concept of perception, personality and learning.

<b>CO-4</b>	Obtain the practical knowledge of leadership, motivation.
<b>CO-5</b>	Understand the concept of stress and its management.

## Subject – Managerial Economics for Business Decisions

Unit	Course Inputs	Hours Allotted
I	<b>Introduction</b> Definitions, Nature and Scope of Managerial Economics, Managerial Economics Relation with other Disciplines, Basic Concepts of Managerial Economics; Demand Analysis and Forecasting: Concept of Demand, Determinants and Types of Elasticities of Demand, Demand Function, Demand and Supply Interaction, Techniques of Demand Forecasting.	
II	<b>Production Analysis</b> Production Factors, Production Functions; Short-Run and Long-Run Production Function, Graphical and Mathematical Approaches in finding Firm Equilibrium; ISOQUANT, ISOCOST, Least Cost Combination of Inputs, Law of Returns, Economies of Scale and Scope, Cob-Douglas Production Function .	
III	<b>Cost and Revenue Analysis</b> Concepts of Cost, Determinants of Cost, Cost Output Relationship in Short Run and Long-Run; Economies of Scale V/s Diseconomies of Scale; Cost Control and Cost Reduction; Revenue Concepts; Functional Relationship Between Marginal Revenue, Total Revenue, Marginal Cost and Total Cost.	
IV	<b>Pricing Methods and strategies</b> Introduction to Pricing, Factors Influencing Pricing, Pricing Practices, Process of Price Determination, Pricing in Public Interest ,Government Intervention and Pricing; Price Discrimination-Degrees of Price Discrimination, International Price Discrimination and Dumping.	
V	<b>National Income and Business Cycle</b> The Idea of National Income, GDP, NDP, GNP, NNP, Measurement and Difficulties in Measuring National Income; Business Cycle, Phase, Characteristics and ill effects, Curative Measures; Inflation: Types of Inflation, Causes of Inflation and Recent changes.	

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able to**

<b>CO-1</b>	Understand the concept of managerial economics and also concept of demand and its application in forecasting demand
<b>CO-2</b>	Remember the concept of production function and ISOCOST and ISOQUANT.
<b>CO-3</b>	Understand the concept of cost, revenue and its application.
<b>CO-4</b>	Understand the concept of pricing and international pricing.
<b>CO-5</b>	Obtain ideas regarding national income and inflation.

## Subject –Accounting Theory and Analysis

Unit	Course Inputs	Hours Allotted
I	<p><b>Generally Accepted Accounting Principles (GAAPs):</b> Introduction, Definition of Accounting – Financial, Cost and Management; Accounting as the Language of Business, Accounting as the Information System, and Users and Uses of Accounting Information.</p> <p>GAAPs: Introduction; Need for Accounting Principles; Meaning of Accounting Principles; Structure of GAAPs – (a) Accounting Assumptions - Business Entity Concept, Going Concern Concept and Money Measurement Concept; (b) Accounting Concepts - Accounting Period Concept, Objectivity, and Dual Aspect Concept; (c) Accounting Principles - Cost Principle, Matching Principle - Recognition of Revenue, Realization Principle and Systems of Accounting; (d) Accounting Conventions – Conservatism, Consistency, Materiality and Disclosure; and (e) Accounting Rules and Policies</p>	
II	<p><b>Accounting Theory:</b> Introduction; Meaning and Definitions; Importance of Accounting Theories; Classification of Accounting Theories - Structural (Syntactical) Theories, Interpretational (Semantical) Theories and Behavioral (Pragmatic) Theories; Approaches to Formulation of Accounting Theory - Descriptive Approach, Normative Approach and Ethical Approach; Few Basic Equity Theories - Proprietary Theory, Entity Theory and Fund Theory.</p>	
III	<p><b>Accounting for price level changes:</b> Introduction; Effects of Inflation; Approaches to Inflation Accounting - Entry and Exit Value Approaches – Partial and Complete Revaluation Methods – (a) Current Purchasing Power Method - Forward and Backward Approaches, Conversion Factor, Monetary and Non-monetary Items and Restatement of Items of Financial Statements and Preparation of Inflation-adjusted Financial Statements under CPP Method; (b) Current Cost Accounting Method - Current Cost Profit and Loss Account - Cost of Sales Adjustment, Depreciation Adjustment, Monetary Working Capital Adjustment and Gearing Adjustment and Current Cost Balance Sheet.</p>	
IV	<p><b>Human Resource Accounting:</b> Introduction; Human Resource Accounting – Definitions and Features, Premises of Human Resource Accounting, Classification of Human Resource Costs, Approaches of Human Resource Accounting – (a) Cost Approaches - Acquisition Cost Method and Replacement Cost Method; and (b) Value Approaches - Present Value of Future Earnings Method, Adjusted Discounted Future Wages Method, Hermanson's Unpurchased Goodwill Method, Economic Value Method, Competitive Bidding or Opportunity Cost Model, Morse's Net Benefits Method and Ogan's Discounted Certainty Equivalent Net Benefits Model; Comprehensive Model – Quantification and Recognition of Qualities of HR into HRA Model; Advantages; and Indian Scenario.</p>	
V	<p><b>Financial Reporting:</b> Financial Reporting – Concept, Objectives and Benefits, Trueblood Report and Stamp Report, Qualities of Financial Information, Corporate Social Responsibility Reporting and Recent Trends in Financial Reporting. The Companies Act, 2013 and Financial Statements; Ind AS – 1: Presentation of Financial Statements and Ind AS - 7: Statement of Cash Flows.</p>	

## Statements of Course Outcomes (COs)

**By the end of the course, the student will be able to**

<b>CO-1</b>	Understand the various concepts and conventions of accounting.
<b>CO-2</b>	Understand the various accounting theory such as proprietary theory, entity theory and fund theory and also able to apply those theory knowledge in practical life.
<b>CO-3</b>	Create the financial statements in inflation situation by using Current Purchasing Power method and Current cost accounting.
<b>CO-4</b>	Analyze the Human resource accounting and Human resource model.
<b>CO-5</b>	Understand the companies act 2013 and also preparation of Financial statements in accordance with the Ind AS 1

## Subject – Advanced Financial Management

Unit	Course Inputs	Hours Allotted
I	<b>Introduction:</b> Meaning and Objectives of Financial Management, Profit Vs Wealth Maximization, Interrelation among Financial Decisions, Interface of Financial Management with other Disciplines, and Measuring Shareholders' Value Creation; Time Value of Money: Concept, Importance, Factors contributing to the Time Value of Money, Techniques of Time Value of Money and Loan Amortisation Schedule.	
II	<b>Financing Decisions:</b> Capital Structure: Introduction, Determinants, Patterns, Point of Indifference and Theories of Capital Structure; Leverages: Meaning, Uses and Types; Cost of Capital: Concept, Definitions, Computation of Specific Cost of Capital and WACC.	
III	<b>Long-term Investment Decisions:</b> Capital Budgeting: Importance, Process, Non-discounted and Discounted Techniques of Capital Budgeting; Analysis of Risk in Capital Budgeting: Concept and Risk Evaluation Approaches.	
IV	<b>Dividend decisions:</b> Introduction, Types of Dividend Policy, Factors influencing Dividend Policy, Stock Split, Bonus Share and SEBI Guidelines for Issuing Bonus Shares, Legal Provisions relating to Dividend in India; Dividend and Market Valuation: Walter's Model, Gordon's Model and MM Approach	
V	<b>Inventory Management:</b> Concept, Objectives, Motives, Costs of Holding Inventories, Risk and Benefits of Holding Inventory, Determining of Stock Levels, EOQ and ABC Analysis.	

## Statements of Course Outcomes (COs)

**By the end of the course, the student will be able to**

<b>CO-1</b>	Understand the concept of finance and also time Value of Money.
<b>CO-2</b>	Evaluate EPS and also have a practical knowledge of choosing the best capital

	structure
<b>CO-3</b>	Obtain the practical aspects of Capital Budgeting
<b>CO-4</b>	Understand the different dividend policy models and also the concept of Bonus issue of shares.
<b>CO-5</b>	Understand the concept of inventory management and its various techniques.

### Subject – Advanced Management Accounting

Unit	Course Inputs	Hours Allotted
I	<b>Introduction:</b> Meaning and Definitions, Nature, Objectives, Significance, Scope, Functions, Uses and Limitations, Tools and Techniques of Management Accounting, Installation of Management Accounting System; Management Accounting as a separate branch of Accounting; and Management Accountant: Functions, Duties and Essential Qualities	
II	<b>Budgetary control:</b> Meaning and Objectives of Budget, Budgeting and Budgetary Control; Nature and Importance of Budgetary Control; Classification and Preparation of Functional and Master Budgets, Fixed and Flexible Budget; Zero Based Budget; and Advantages and Limitations of Budgetary Control.	
III	<b>Standard Costing and Variance analysis:</b> Introduction, Meaning, Objectives, and Significance of Standard Costing, Budgetary Control V/s Standard Costing, Prerequisites of Standard Costing, Types of Standards; Variance Analysis: Materials, Labour, Overhead Variances, Sales and Profit Variances, Accounting treatment of Variances; and Managerial Uses of Variance Analysis	
IV	<b>Responsibility Accounting:</b> Responsibility Accounting: Definition, Meaning, Basic Principles, Process in Implementation, Controllable and NonControllable Costs, Responsibility Reporting, Determinants of Responsibility Centers, Difficulties in Implementation, Responsibility Centre Performance Measurement and Reporting to different levels of Management. Transfer Pricing: Need, Methods of Transfer Pricing: Full Cost Method, Standard Cost Method, Marginal Cost Method, Market-based Transfer Price, Dual Transfer Prices, Negotiated Price Method, Arbitrary Transfer Price and Cost Plus Method; General Rules of Transfer Pricing.	
V	<b>Interim firm comparison and Managerial reporting:</b> Introduction, Meaning, Definitions, Procedure and Requirements: Establishment of Central Organization, Adoption of Uniform Costing Principles and Practices Management Reporting: Meaning and Definitions, Fundamental Principles of Managerial Reports, Modes and Types of Reporting.	

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able to**

<b>CO-1</b>	Remember the concept of Management Accounting and its aspects.
-------------	--

<b>CO-2</b>	Understand the concept of Budget and also Preparation of flexible and fixed budgets.
<b>CO-3</b>	Obtain the knowledge regarding Variance analysis and accounting treatment of Variance.
<b>CO-4</b>	Understand the responsibility accounting and its determinants, and also the concept of transfer pricing.
<b>CO-5</b>	Analyze the concept of uniform costing and its practices.

### **Subject – Financial Market and Services**

<b>Unit</b>	<b>Course Inputs</b>	<b>Hours Allotted</b>
I	<b>An overview of Indian financial system:</b> Structure of Indian Financial system; Objectives and Functions of Financial System, Financial System and Economic Development; Flow of Funds in Economic Development; Financial Sector Reforms, Financial Inclusion and Recent Developments	
II	<b>Financial Markets:</b> Nature, Functions and Efficiency; Types of Financial Markets: Money Market: Meaning, Constituents, Functions of Money Market; Money Market Instruments; Recent Trends in Indian Money Market. Capital Market: Types of Capital Market: Primary Market: Its Role and Functions, Issue of Capital: Methods of Issuing Securities in Primary Market, Intermediaries in New Issue Market, Procedure for New Issues, and SEBI Guidelines for Issue in Primary Market. Secondary Market: Importance and Functions, Listing of Securities in Stock Exchanges, Players and Trading Mechanism in Stock Exchange, Settlement Process; Stock Exchanges: BSE, NSE, and OTC Exchange of India.	
III	<b>Financial Services:</b> Leasing, Factoring, Credit Rating, Hire Purchase, Consumer Durables Financing, Merchant Banking Agencies, Underwriting, Funds Transfer, Acceptance, Stock Holding, Loan Syndication, Custodial Service, Depository Services, and Venture Capital Finance.	
IV	<b>Financial Institutions:</b> Banking and Non-Banking Financial Companies (NBFCs); Development Finance Institutions (DFIs); Insurance Organizations; Mutual Funds: Types of Mutual Fund Scheme, ETFs, Hedge Funds, Private Equity Funds and other Recent Developments	
V	<b>Global Capital Markets:</b> International Markets: FIIs, Euro Issues, ECB, Latest Guidelines of ECB, ADRs, GDRs, IDRs, FCCB, FDI; International Bonds: Bulldog, Yankee, and Bunny Bonds, Case Analysis and Recent Developments.	

### **Statements of Course Outcomes (COs)**

**By the end of the course, the student will be able to**

<b>CO-1</b>	Understand the structure of Indian Financial System, and also the concept of financial inclusion.
<b>CO-2</b>	Obtain knowledge regarding the stock market and SEBI.

<b>CO-3</b>	Understand the concept of leasing and factoring.
<b>CO-4</b>	Obtain practical knowledge of Non Banking financial companies and mutual fund operations.
<b>CO-5</b>	Understand the concept of international Market and recent developments in international Market.

**SEMESTER – II M.Com**  
**Subject – Business Environment and Government Policy**

<b>Unit</b>	<b>Course Inputs</b>	<b>Hours Allotted</b>
I	<b>Conceptual framework of business environment:</b> Concept, Significance, and Nature of Business Environment: Internal and External, Changing Dimensions of Business Environment, Techniques of Environmental Scanning and Monitoring, Business Policy, Case Study and Recent Changes.	
II	<b>Public policies:</b> The Role of Public Policies in Governing Business, Government and Public Policy, Classification of Public Policy, Areas of Public Policy, Need for Public Policy in Business, Levels of Public Policy, Elements of Public Policy, The Corporate and Public Policy, Framing of Public Policy; Government Regulations in Business, Justification of Regulation, Types of Regulation, Problems of Regulation; Case Analysis and Recent Developments.	
III	<b>Industrial policies and reforms:</b> Industrial Policies: A critical appraisal of New Industrial Policy 1991, With the Recent Amendments in Industrial Policy, National Manufacturing Policy; Sickness in India – An overview of sickness in SME's and Public Sector Enterprises, Causes for Sickness, Magnitude and Remedial Measures, Important Provisions of Sick Industrial Companies, (Special Provisions) Act, 1985 and Applicability; BIFR: Functions, and Functions of Operating Agencies, Case Study and Recent Changes.	
IV	<b>Privatization and Disinvestment:</b> Expansion of Public Sector and its Defects, Privatization Reaction, Ways of Privatization, Obstacles, Conditions for Success of Privatization, Benefits of Privatization, Arguments against Privatization, Sins and Pitfalls of Privatization, Rangarajan Committee and Privatization in India; Case Analysis and Recent Developments	
V	<b>Competition act 2002 and consumer protection act, 1986</b> Introduction, Definitions, Consumer Enterprise, Goods, etc., Prohibition of Certain Agreements, Abuse of Dominant Position and Regulation of Combinations, Competition Commission of India; Duties, Powers and Functions of Commission; Duties of Director General; Competition Appellate Tribunal and Recent Changes. Consumer Protection Act, 1986: Introduction, Objectives, Applicability, Consumer and Rights of Consumers, Nature and Scope of Remedies available to Consumer; Case Study and Recent Amendments.	

**Statements of Course Outcomes (COs)**



**By the end of the course, the student will be able to**

<b>CO-1</b>	Analyze the nature of business environment and its components.
<b>CO-2</b>	Understand Concept of public policy and its need
<b>CO-3</b>	Understand the concept of industrial policy and also various recent amendments in industrial policy, identify the various causes for industrial sickness.
<b>CO-4</b>	Understand the practical knowledge regarding privatization and arguments in favor of privatization.
<b>CO-5</b>	Obtain a brief idea regarding competition commission of India, and also understand the duties of director general.

**Subject – Advanced Marketing Management**

<b>Unit</b>	<b>Course Inputs</b>	<b>Hours Allotted</b>
I	<b>Introduction:</b> Nature and Scope of Marketing; Core Marketing Concepts; Modern Marketing Concepts; Marketing Mix; Marketing Management Process: A Strategic Perspective; Customer Quality, Value and Satisfaction; Planning and Control. Marketing Environment: Significance of Scanning Marketing Environment; Analyzing Macro Environment of Marketing: Economic, Demographic, Socio-Cultural, Technological, Political and Legal Segments; Impact of Micro and Macro Environment on Marketing Decisions, Recent Trends in Marketing Environment.	
II	<b>Buyer Behavior and Market segmentation:</b> Need for Studying Buyer Behavior; Consumer Buying Process; Factors Influencing Consumer Buying Decisions, Models of Consumer Behavior; Market Segmentation: Bases for Segmenting a Consumer Market; Levels of Market Segmentation; Factors Influencing Selection of Market Segments; Criteria for Effective Market Segmentation; Targeting and Positioning: Target Market Selection and Strategies; Positioning: Concept, Bases and Process.	
III	<b>Product and Pricing Decisions:</b> Product: Concept and Classification; Major Product Decisions; New Product Development; Packaging and Labelling; Product Support Services; Branding Decisions; Product Life Cycle: Concept and Appropriate Strategies Adopted at Different Stages. Pricing Decisions: Objectives, Factors Affecting Price of a Product, Pricing Policies and Strategies. Ethical Issues in Product and Pricing Decisions.	
IV	<b>Promotion and distribution decisions:</b> Role of Promotion in Marketing; Promotion Methods: Advertising, Personal Selling, Publicity, Sales Promotion Tools and Techniques; Promotion Mix; Ethical Issues in Promotion Decisions. Channels of Distribution: Concept and Importance, Different Types of Distribution; Middlemen's and their Functions; Channel Management, Selection, Motivation and Performance Appraisal of Distribution Middlemen.	
V	<b>Trends in Marketing:</b> CRM Service Marketing, Social Media Marketing, Green Marketing, Customer Relationship Management, Rural Marketing, Other Emerging Trends and Recent Developments in Marketing.	

## Statements of Course Outcomes (COs)

**By the end of the course, the student will be able to**

<b>CO-1</b>	Understand the basic concepts of marketing and its various aspects.
<b>CO-2</b>	Analyze how marketing segmentation has to be made and what are the benefits from Marketing segmentation.
<b>CO-3</b>	Understand the concept of product and product life cycle
<b>CO-4</b>	Remember the concept of promotion and the channels of distribution.
<b>CO-5</b>	Understand the concept of social media marketing, green marketing and recent developments in marketing.

## Subject – Business and Corporate Tax

Unit	Course Inputs	Hours Allotted
I	<b>Basic Concepts:</b> Income Tax, Corporate Tax; Assessee; Assessment Year; Previous Year; Company; Different kinds of Companies: Indian Company, Foreign Company, Widely Held Company, Closely Held Company, Domestic Company; and Incidence of Tax.	
II	<b>Tax Planning and company promotion:</b> Meaning of Tax Planning, Tax Avoidance, Tax Evasion and Tax Management; Features and Scope for Tax Planning; Business Location and Tax Planning; Nature of Business and Tax Planning: FTZ, Units in SEZ, 100% EOU and Infrastructure Development.	
III	<b>Computation of corporate tax:</b> Carry Forward and Set Off of Losses in the case of Companies, Computation of Taxable Income of Companies; Computation of Corporate Tax Liability; Minimum Alternate Tax; Alternate Minimum Tax; and Tax on Distributed Profits of Domestic Companies. Double Taxation Avoidance Agreement; Provisions for Relief in respect of Double Taxation, GAAR; Transfer Pricing	
IV	<b>Tax Planning with reference to managerial decisions:</b> Financial Decisions: Capital Structure Decisions; Dividend Policy; Bonus Shares and Capital Gains; Bond Washing Transactions; Own or Lease of an Asset, Installment or Hire Purchase, Make or Buy Decisions, Buying an Asset with Own Fund or Borrowed Fund and Repair, Replace, Renewal or Renovation; Shutdown or Continue: Tax Planning in respect of Amalgamation or De-Merger of Companies, Slump Sale, Conversion of a Firm into a Company; Conversion of Sole Proprietorship into Company, Conversion of Company into Limited Liability Partnership.	
V	<b>Tax Management, Administrative procedures and ICDS:</b> E-commerce Transaction and Liability in Special Cases; Tonnage Taxation, TDS; Advance Payment of Tax with reference to Corporate Assessee; TCS; Administrative Procedure; Assessment- Procedures and Types of Assessment; Return on Income; Statement of Financial Transaction (SFT). E-Filing: Appeal and Revision; Penalties and ICDS.	

## Statements of Course Outcomes (COs)

**By the end of the course, the student will be able to**

<b>CO-1</b>	Understand the basic concept of tax and kinds of companies.
<b>CO-2</b>	Obtain the practical knowledge of tax planning and tax management.
<b>CO-3</b>	Understand the set off of losses and carry forward of losses, computation of taxable income and corporate tax liability.
<b>CO-4</b>	Understand the conversion of firm into company, sole Proprietorship into company and also conversion of company into Limited liability partnership.
<b>CO-5</b>	Understand the concept of TDS and TCS and also e-filing of taxation.

## Subject – Advanced Cost Management

Unit	Course Inputs	Hours Allotted
I	<b>Activity Based Costing:</b> Cost: Ascertainment, Control, Reduction, Avoidance and Management; Cost Management System. Activity Based Costing: Inadequacies of Traditional Methods of Overhead Absorption, Concept of ABC, Kaplan and Cooper's Approach to ABC, Cost Drivers and Cost Pools, Main Activities and their Cost Drivers, Allocation of Overheads under ABC: Characteristics, Steps, Implementation; Benefits and Limitations of ABC System.	
II	<b>Learning curve model:</b> Concept and Phases of Learning Curve, Graphical Representation, Learning Curve Applications and Factors Affecting Learning Curve and Experience Curve. Just-in-Time Approach: Concept, Philosophy of JIT, Sources of Waste, Objectives of JIT, Features and Methodology of Implementation of JIT, Planning for Adoption and Limitations of JIT Costing.	
III	<b>Life Cycle:</b> Life Cycle Costing: Concept and Characteristics Activities and Phases in Product Life Cycle, Short Product and Extension of Product Life Cycle, Turning Point Indices in Product Life Cycle; and Project Life Cycle Costing.	
IV	<b>Target costing:</b> Meaning and Definitions, Basic Concepts, Unique Features and Cost Determination Procedure Under Target Costing.	
V	<b>Cost analysis for Managerial Decisions:</b> Introduction; Managerial Decisions: Influencing Factors and Relevant Information; Application of Marginal Costing for Managerial Decisions: Product Diversification, Make or Buy Decisions, Pricing Decisions, Joint and By-product Costing: Methods of Apportioning Joint Costs and Sell or Further Process Decisions, Profitability and Scarce Resource Allocation, Temporary Shut-down.	

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able to**

<b>CO-1</b>	Understand the various concepts of cost, in addition to that they will also know about implementation of Activity Based Costing.
<b>CO-2</b>	Analyze how learning helps to reduce the cost in the industry and what factors will influences the leaning of employee.
<b>CO-3</b>	Understand the phases involved in product life cycle, identifies the difference between product life cycle and project life cycle
<b>CO-4</b>	Analyze why target costing is necessary and the importance of target costing.
<b>CO-5</b>	Remember the applications of marginal costing for managerial decisions, apportionment of joint cost.

## Subject – Investment Management

Unit	Course Inputs	Hours Allotted
I	<b>Introduction:</b> Meaning of Investment; Nature and Scope of Investment Analysis; Elements of Investment – Return, Risk and Time Elements; Objectives of Investment; Approaches to Investment Analysis; Security, Return and Risk Analysis; Measurement of Return and Risk.	
II	<b>Types of Investment:</b> Financial Investments – Securities and Derivatives, Deposits and Tax-sheltered Investment; Non-Financial Investment – Real Estate, Gold and other Types and their Characteristics; Sources of Financial Information.	
III	<b>Fundamental and Technical Analysis:</b> Fundamental Analysis- Economic Analysis, Industry Analysis and Company Analysis; Technical Analysis-Various Prices and Volume Indicators, Indices and Moving Averages; Interpretation of Various Types of Trends and Indices.	
IV	<b>Valuation of Investable securities:</b> Bonds, Debentures, Preference Shares, Convertible Securities and Equity Shares; Valuation of Options and Futures.	
V	<b>Efficient Market Hypothesis and Portfolio selection:</b> Weak, Semi-strong and Strong Market; Testing of Different Forms of Market Efficiency and their Significance; Portfolio Selection–Traditional and Modern Approaches; Portfolio Revision and Appraisal.	

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able to**

<b>CO-1</b>	Understand the concept of investment and also the measurement of return and risk.
<b>CO-2</b>	Remember the various types of financial investments, non financial investments.
<b>CO-3</b>	Obtain the practical knowledge of economic analysis, industry analysis and also company analysis.
<b>CO-4</b>	Apply the practical knowledge regarding the valuation of valuation of investable securities.
<b>CO-5</b>	Understand how to select the proper portfolio by using traditional and modern approaches.

## Subject – Managerial Communication

Unit	Course Inputs	Hours Allotted
I	<b>Introduction:</b> Meaning, Importance of Communication, Purpose of Communication, Process of Communication, Communication Structure in Organizations, Barriers in Communication, Pre-requisites for Effective Communication and Communication Network.	
II	<b>Verbal and Non-Verbal Communication:</b> Meaning, Principles of successful Oral Communication, Barriers in Oral Communication; Conversation Control: Reflection and Empathy, Effective Principles of Oral Communication; Nonverbal Communication: Meaning, Characteristics, Classification, and Guidelines for Developing Non-verbal Communication.	
III	<b>Written Communication:</b> Meaning, Importance of skills in Written Communication, Purpose of Writing, Elements of Writing and Principles of Effective Writing; Business Letters and Reports: Introduction, Meaning, Importance, Types of Business Letters and Report Writing, Writing of Business Letters and Reports and Writing of Memos; Reading Comprehension: Discussion of Passages with questions to be answered.	
IV	<b>Listening:</b> Meaning, Significance, Types, Myths about Listening, Barriers and Overcoming Measures, Stages of Listening, and Body Language of an Active Listener.	
V	<b>Presentation skills and Employment communication:</b> Meaning, Elements of Presentation, Designing a Presentation, Six great Helpers in Presentation, and Steps to a Successful Presentation; Group Communication: Meetings, Seminars, Conferences, Workshops and Business Etiquettes. Employment Communication: Introduction, Writing CVs, Group Discussion, Interview Skills and Impact of Technological Advancement on Business Communication. (Recent Developments)	

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able to**

<b>CO-1</b>	Understand the process of communication and also able to explain the importance of communication
<b>CO-2</b>	Understand the Verbal and Nonverbal communication and also they are able to identify the various types of communication.
<b>CO-3</b>	Obtain practical knowledge and write a business letter and also they will learn report writing of memo's and others
<b>CO-4</b>	Evaluate the body language of the listener and also they are able to explain the stages of learning.
<b>CO-5</b>	Apply their presentation skills and also they will learn about the business etiquettes.

**SEMESTER – III M.Com**  
**Subject – E-Commerce**

Unit	Course Inputs	Hours Allotted
I	<b>Conceptual framework of E-Commerce:</b> Introduction, Meaning, Definitions, Unique Features, Need and Scope, Online Extension of BAM Model, Impact of E-Commerce on Business and Opportunities in E-Commerce, Advantages and Disadvantages of E-Commerce, IT Act - 2000 with Amendments, and its Positive aspects for Corporate Sector.	
II	<b>Business Models for E-Commerce and Software:</b> E-Business Models Based on Relationship of Transaction Parties and E-Business Models based on Relationship of Transaction Types, Accounting Software, Types- Tally, SAP.	
III	<b>Digital Marketing and Social Media Strategy:</b> Traditional and Digital Marketing, Internet Marketing Mix, Digital Marketing Trends, E-Marketing and E-Marketing Strategies; E-Advertising and M-Commerce. Social Media Strategy-Concept, Risk and Challenges, Social Media to Solve Business Challenges, Step by Step Guide to Creating a Social Media Strategy.	
IV	<b>E-Customer relationship Management:</b> Meaning and Definitions, Features, Framework and Architecture of E-CRM, Components of E-CRM, Building ECRM, Tools to Maintain E-CRM, Strategies for E-CRM Solutions; Data Mining: Elements, Types, Process and Applications, Advantages and Disadvantages; Typical Business Touch points	
V	<b>E-Payment system and Cyber Crime:</b> Introduction, Special Features, Types - Digital Token Based EPS, Smart Cards, Credit Cards, Digital Signature, E-Cheque, E-Cash, E-Purse, Debit Card and Mobile Payment, Components of an Effective EPS, Risk in EPS; EDI and EFT. Cybercrime: Meaning, Tools and Methods used in Cyber Crime- Proxy Servers and Anonymizers, Phishing, Password Cracking, Key Loggers and Spy Wares, SQL Injection, Buffer Overflow, Attacks on Wireless Network.	

**Statements of Course Outcomes (COs)**

**By the end of the course, the student will be able to**

<b>CO-1</b>	Understand the basic concepts of E-Commerce and also they are able to understand the Information Technology act 2000
<b>CO-2</b>	Obtain the practical knowledge regarding accounting software like Tally and SAP.
<b>CO-3</b>	Analyze the difference between Traditional Marketing and Digital Marketing, and also they will be able to understand the concept of E advertising and social media Marketing.
<b>CO-4</b>	Understand the importance and application of E-CRM in their business.
<b>CO-5</b>	Obtain the practical knowledge of various smart cards, credit cards and digital signature.

## Subject – Operations Research

Unit	Course Inputs	Hours Allotted
I	<b>Introduction and Linear Programming:</b> Introduction, Meaning, Definition of Operations Research, Importance and Scope, Quantitative Techniques in Business Applications, Optimization Concept, Operations Research Models, Linear Programming: Introduction to Linear Programming, Problem Formulation, Product Mix and various Managerial Applications, Graphical Method of Problem Solving, Alternate Techniques of Linear Programming Problems, Simplex Method, Duality in Linear Programming, Formulation of Dual Problems, Advantages and its Economic Interpretation.	
II	<b>Transportation Models:</b> Nature and Scope of Transportation and Allocation Models, Methods of Allocation, Different Methods for Finding Initial Solution: VAM, N-W Corner Rule, and Other Methods, Degeneracy, Finding Optimal Solution, Test for Optimality, Imbalance in Total Availability and Total Requirement, Impossible Shipments, Alternate Methods of Solutions, and Maximization as Objective Applications.	
III	<b>Assignment Problems:</b> Row Minimum, Column Minimum, Iteration, Balanced, Unbalanced, Infeasible, Maximization, Objectives, Applications, Travelling Salesman Problem.	
IV	<b>Replacement Models:</b> Machines Replacement Models, Replacement of Items Deteriorating with Time, Replacement of Items that fail completely; and Description of Application Areas like Recruitment and Promotion Problems, Equipment Renewal Problems	
V	<b>Network Models:</b> Introduction to PERT and CPM Techniques, Determination of Critical Path- PERT, Estimating Activity Times, Network Components, Precedence, Events, Activities, Errors and Dummies, Critical Path Analysis, Float, Probabilities in PERT Analysis, Project Time calculation, Project Crashing, Time, and Cost Considerations.	

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able to**

<b>CO-1</b>	Apply the linear programming techniques in real life problems
<b>CO-2</b>	Understand how to solve transportation problems using appropriate method.
<b>CO-3</b>	Understand how to solve assignment problems using appropriate method.
<b>CO-4</b>	Evaluate simple problems of replacement and implement practical cases of decision making under different business environments.
<b>CO-5</b>	Apply the models of CPM and PERT to improve decision making and develop critical thinking and objective analysis of decision problems.



## Subject – Business Research Methodology

Unit	Course Inputs	Hours Allotted
I	<b>Introduction to Research:</b> Meaning and Objectives of Research; Significance of Research; Process of Research; Types of Research; Research Approaches; Criteria for Good Research; Ethics in Business Research; Selection and Formulation of a Research Problem; Criteria of a Good Research Problem; Review of Literature: Role of Literature in Research Process; and Structure of Literature Review.	
II	<b>Hypothesis and Research design:</b> Concept, Sources and Types of Hypothesis; Formulation of Hypotheses; Qualities of a Workable Hypothesis; Usefulness of Hypothesis in Business Research; Research Design: Uses of Research Design; Steps in Preparing a Research Design; Classification of Research Design, and Research Design for Business Studies.	
III	<b>Collection of Data and Sampling:</b> Types of Data Collection; Process of Data Collection through Observation and Schedule; Pilot study; Construction of Questionnaire; Interview Techniques in Business Research. Sampling: Meaning and Definitions of Sampling, Characteristics of Good Sample; Principles of Sampling; Sampling Process; Types of Sampling Techniques; Sampling and Non-Sampling Errors	
IV	<b>Measurement scale and statistical Analysis:</b> Concept and Levels of Measurement; Tests of Sound Measurement: Test of Validity and Reliability; Concept of Scaling; Types of Measurement Scales; Data Preparation: Editing, Coding, Classification, Tabulation. Statistical Analysis: Measures of Central Tendency; Measures of Variation; Measures of Skewness; Statistical Testing Procedure; Types of Tests: T-Test, Chi-Square Test, ANOVA, Pearson's Correlation; and Role of SPSS in Research.	
V	<b>Interpretation and Report writing:</b> Meaning and Importance of Interpretation; Pre-requisites of Interpretation; Errors in Interpretation; Report Writing: Essentials of a Good Research Report; Types of Reports; Layout of a Research Report; Guidelines for effective Report Writing; Writing up of the Report; Evaluating a Research Report.	

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able to**

<b>CO-1</b>	Understand , what is research and also they will come to know that how to formulate research problem.
<b>CO-2</b>	Understand the concept of hypotheses and its formulations, and also importance of hypotheses in research.
<b>CO-3</b>	Obtain the practical knowledge regarding data collection for research and also they are able understand the concept of sampling.
<b>CO-4</b>	Understand the statistical analysis by using various tests such as F-Test, Z-Test ANOVA and also SPSS.

<b>CO-5</b>	Obtain knowledge regarding how to write research thesis and also they are able to explain the essentials of good research report.
-------------	---

### Subject – Human Resource Management

Unit	Course Inputs	Hours Allotted
I	<b>Introduction HRM and HRIMS</b> - Concept, Significance, Objectives and Scope, HR Planning, Job Analysis and Design; Job Description and Job Specification; Strategic HRM. Human Resource Information Management System (HRIMS) and Developing HRIMS.	
II	<b>HRM Functions and HR Audit:</b> Recruitment, Selection, Induction and Placement, Recruitment Sources: Internal and External, Selection: Steps in Selection Process; Human Resource Audit, Audit of Corporate Strategy, Audit of Human Resource Function, Audit of Managerial Compliance, Audit of employee satisfaction	
III	<b>Training, Development and Outsourcing:</b> Training: Need, Importance and Objectives, Methods of Training; Executive Development Programs: Need and Techniques. Outsourcing: Concept and Evolutions, Reasons and Criteria for Outsourcing, Types of Outsourcing, Problems and Remedial Measures of Outsourcing, Future Outsourcing in India.	
IV	<b>Industrial Relations, Compensation and Appraisal:</b> Industrial Relations; Industrial Disputes and Settlements, Disciplinary Procedure, Suspension, Dismissal, Layoff, Retrenchment, Closure, VRS, Health and Safety. Compensation and Rewards, Factors influencing Compensation: Monetary and Non-Monetary Benefits; Performance Appraisal: Process of Performance Appraisal: Methods of Performance Appraisal.	
V	<b>HRM in the Era of Knowledge and Diversity at Work:</b> Knowledge Management: Concept, Knowledge Conversion, Process of KM, Virtual Organizations: Feature, Types and Issues of HR, Learning Organizations. Diversity at Work: Managing Diversity, Causes of Diversity, The Paradox of Diversity, Diversity with Special Reference to Handicapped, Women and Aging. Empowerment and Gender Issues.	

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able to**

<b>CO-1</b>	Understand the concept of Human resource management as well as job analysis.
<b>CO-2</b>	Remember functions of Human resource management and Human resource audit
<b>CO-3</b>	Understand the need of training and development of employees.
<b>CO-4</b>	Analyze the circumstances in which industrial; disputes arises, and also they are able to understand how to solve those disputes.
<b>CO-5</b>	Understand the era of knowledge of human resource management.

## Subject – Indian Accounting Standards-I

Unit	Course Inputs	Hours Allotted
I	<b>Introduction:</b> An Overview of IND AS: Introduction, Convergence, Need, Challenges, Implementation Road Map. Regulatory Framework in India: Standards Setting Bodies and Process, India and IFRS.	
II	<b>Conceptual framework:</b> Ind AS - 8: Accounting Policies, Changes in Accounting Estimates and Errors; Ind AS - 10: Events after Reporting Period; and Ind AS-24 Related Party Disclosure. Other Ind AS: Ind AS – 29: Financial Reporting in Hyper-inflationary Economies; and Ind AS – 34: Interim Financial Reporting	
III	<b>Valuation and measurement of assets:</b> Ind AS - 16: Property, Plant and Equipment; Ind AS - 38: Intangible Assets; Ind AS - 40: Investment Property; Ind AS - 2: Inventories; Ind AS - 20: Accounting for Government Grants; Ind AS - 23: Borrowing Costs and Ind AS – 36: Impairment of Assets.	
IV	<b>Valuation and measurement of liabilities:</b> Ind AS - 19: Employee Benefits and Ind AS - 37: Provisions, Contingent Liabilities and Contingent Assets.	
V	<b>Revenue and expenses:</b> Ind AS - 18: Revenue; Ind AS - 11: Construction Contracts and Ind AS - 21: The Effects of Changes in Foreign Exchange Rates; Ind AS - 33: Earnings per Share.	

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able to**

<b>CO-1</b>	Obtain knowledge about various accounting bodies and standard setting process.
<b>CO-2</b>	Understand the reasons behind arose of an adjustments' in the problem and how to deal with them, and they also able to understand the conceptual framework of Indian Accounting Standards.
<b>CO-3</b>	Apply the valuation and measurement of asset in accordance with the various Indian accounting standards.
<b>CO-4</b>	Remember valuation and measurement of liabilities in accordance with the various Indian accounting standards.
<b>CO-5</b>	Understand how to deal with the revenue and expenses in accordance with the Ind AS.

## Subject – Risk Management and Financial Derivatives

Unit	Course Inputs	Hours Allotted
I	<b>Risk Management:</b> Introduction to Risk Management, Meaning, Definition, Nature; Types of Risks; Evolution of Risk; Steps in Risk Management; RBI Guidelines; Classification of Risks; Sources of Risk: Internal and External.	
II	<b>Introduction to derivative markets:</b> Concept of Derivatives; Evolution of Derivatives; Emergence of Derivatives Market: Participants, Functions and Development of Exchange Traded Derivatives; Exchange Traded Vs OTC Derivatives; Types of Derivatives; Overview of Indian Derivatives Market and The Regulatory Framework of Derivatives Trading in India	
III	<b>Forwards and future market:</b> Pricing; Trading and Settlement Mechanism; Concept of Forward and Futures Contracts; Features; Forward and Futures Trading Mechanisms; Forward Markets as Forerunners of Future Markets; Types of Futures Contracts; Major Distinctions between Forwards and Futures Contracts; Theories of Forward and Futures Pricing; Pricing of Forwards and Futures.	
IV	<b>Options market and pricing:</b> Concept of Option Contracts; Development of Options Markets; Types of Options: Call Option and Put Option; Terminologies used for Options Pricing; Styles of Options: European, American and Bermudian Options and Difference between Futures and Options. <b>Option Pricing:</b> Factors affecting Option Pricing; Put-Call Parity Relationship; Option Greeks; Option Pricing Models: Black-Scholes Option Pricing Model; Binomial Option Pricing Model.	
V	<b>Concepts of swaps:</b> Mechanics of Interest Rate Swaps, Valuation of Interest Rate Swaps; Currency Swaps, Valuation of Currency Swaps. Uses of Swaps; Warrants, Exotics, Weather, Energy and Insurance Derivatives; Critiques of Derivatives.	

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able to**

<b>CO-1</b>	Remember the concept of risk and also they are able to identify the various internal and external risk factors.
<b>CO-2</b>	Understand the concept of derivatives and also they will be able to get the practical knowledge of regulatory framework of derivatives trading in India.
<b>CO-3</b>	Obtain the practical aspects of forward and future contract.
<b>CO-4</b>	Understand the options market and also they are able to explain the various options pricing models.
<b>CO-5</b>	Understand the concept of swap and its valuation, use.

**SEMESTER – IV M.Com**  
**Subject – International Business**

Unit	Course Inputs	Hours Allotted
I	<b>Introduction to international business:</b> Meaning, Scope, International Orientations, Motives for Internationalization of Firms, Environmental Factors influencing International Business and Strategic Decisions in International Business.	
II	<b>International trade theories:</b> Theory of Mercantilism, Absolute Advantage Theory, Comparative Cost Advantage Theory, Hecksher-Ohlin Theory, New Product Life Cycle Theory, New Trade Theory, Porter's Diamond Model and Implications for International Business.	
III	<b>Strategies for international business:</b> Profiting from Global Expansion, Global Expansion and Business Level Strategy, Pressures for Cost Reduction and Local Responsiveness; International Strategies: International, Multi- Domestic, Global, and Transnational Strategies; Strategic Alliances: Types of Competitive Strategic Alliances, Advantages and Disadvantages of Strategic Alliances. Foreign Direct Investment: Theories of FDI, Benefits and Costs of FDI, Determinants of FDI, Laws and Regulations governing FDI in India, FDI in Indian Retail Sector and Impact of FDI on Indian Economy.	
IV	<b>International Institutions:</b> WTO: Objectives of WTO, Structure of WTO, Fundamental Principles of WTO, Functions of WTO, India and WTO; IMF – Role of IMF in Balance of Payments and SDR, India and IMF; UNCTAD – Role of UNCTAD in Developing Countries, and India and UNCTAD.	
V	<b>Regional trade blocs and other issues:</b> Concept of Regional Trade Bloc, Purpose of Regional Trade Blocs, European Union, BRICS, SAARC, ASEAN, NAFTA, APEC, OAU and GCC. Intellectual Property Rights: Nature of Intellectual Property, TRIPs, Problems and Fears of Developing Nations regarding TRIPs and International Characteristics of Intellectual Property.	

**Statements of Course Outcomes (COs)**

**By the end of the course, the student will be able to**

<b>CO-1</b>	Understand the concept of international business and also they were able to identify the factors which were influences the international business.
<b>CO-2</b>	Understand the various international business theories
<b>CO-3</b>	Obtain the practical knowledge regarding FDI and also laws and regulations governing FDI in India.
<b>CO-4</b>	Obtain a thorough knowledge regarding various international organization like WTO, IMF and UNCTAD
<b>CO-5</b>	Understand the concept of regional trade blocs and also they are able to understand the various regional trade blocs like SAARC, BRICS, ASEAN, NAFTA etc.

## Subject – Entrepreneurship Development

Unit	Course Inputs	Hours Allotted
I	<b>Introduction:</b> Meaning, Definitions and Concept of Enterprise, Entrepreneurship and Entrepreneurship Development, Evolution of Entrepreneurship, Theories of Entrepreneurship, Characteristics and Skills of Entrepreneurship, Concepts of Intrapreneurship, Entrepreneur Vs Intrapreneur, Entrepreneur Vs Entrepreneurship, Entrepreneur Vs Manager, Role of Entrepreneurship in Economic Development, Factors Affecting Entrepreneurship, Problems of Entrepreneurship.	
II	<b>Entrepreneurial competency and development:</b> Meaning and Concept of Entrepreneurial Competency, Developing Entrepreneurial Competencies, Entrepreneurial Culture, Entrepreneurial Mobility, Factors Affecting Entrepreneurial Mobility, Types of Entrepreneurial Mobility. <b>Entrepreneurial Motivation:</b> Meaning and Concept of Motivation, Motivation Theories, Entrepreneurship Development Program: Needs and Objectives of EDPs, Phases of EDPs, Evaluation of EDPs	
III	<b>Institutional development of entrepreneurship:</b> Role of Government in Promoting Entrepreneurship, MSMEs Policy in India, Agencies for Policy Formulation and Implementation: District Industries Centres (DIC), Small Industries Service Institute (SISI), Entrepreneurship Development Institute of India (EDII), SIDBI, RUDSETI, MFI, SHGS, National Institute of Entrepreneurship & Small Business Development (NIESBUD), National Entrepreneurship Development Board (NEDB), Financial Support System: Forms of Financial Support, Long Term and Short Term Financial Support, Sources of Financial Support, MUDRA, Development of Financial Institutions, Investment Institutions.	
IV	<b>Women and social entrepreneurship:</b> Meaning, Characteristic Features, Problems of Women Entrepreneurship in India, Developing Women Entrepreneurship in India, Concept of Social Enterprise and Social Entrepreneurship, Social Entrepreneurs, Sustainability Issues in Social Entrepreneurship, Rural Entrepreneurship, Family Business Entrepreneurship, Concepts of Entrepreneurship Failure, Issues of Entrepreneurial Failure, Entrepreneurial Resurgence, Reasons for Entrepreneurial Failure, Essentials to Avoid Unsuccessful Entrepreneurship	
V	<b>Business ideas, project identification and formulation:</b> Forms of Business Ownership, Issues in Selecting Forms of Ownership, Environmental Analysis, Identifying Problems and Opportunities, Defining Business Idea, Planning Business Process; Project Management: Concept, Features, Classification of Projects, Issues in Project Management; Project Identification; Project Formulation; Project Design and Network Analysis; Project Evaluation; Project Appraisal; Project Report Preparation; Specimen of a Project Report. (Recent Developments)	

## Statements of Course Outcomes (COs)

By the end of the course, the student will be able to

<b>CO-1</b>	Understand the concept of entrepreneurship and also they are able to identify the differences between entrepreneur and Intrapreneur.
<b>CO-2</b>	Obtain the practical knowledge regarding various entrepreneurship development programs and phases of EDP.
<b>CO-3</b>	Understand the role of government in promoting entrepreneurship.
<b>CO-4</b>	Analyze the various problems faced by women and rural entrepreneurs and also they are also able to provide solution to those problems.
<b>CO-5</b>	Understand the concept of project management and issued involved in project management and also preparation of project reports.

## Subject – Strategic Management

Unit	Course Inputs	Hours Allotted
I	<b>An overview of strategic management:</b> Strategy: Concept, Mintzberg Models of Strategy, Strategic Management: Models, Levels, Process, Benefits, Guidelines for Effective Strategic Management. Strategic Management V/s Operational Management, and Strategic Role of Board of Directors and Top Management.	
II	<b>Environmental analysis and internal analysis:</b> Competitive Advantage, Competencies, SWOT Analysis, Resources, Capabilities and Core Competence, Resource Base View of a Firm, Key Success Factors, Value Chain Analysis, Bench Marking. Components of External Analysis, Segments of General Environment, Industry 's Dominant Factors, Porter 's Five Forces Model, PEST Analysis, Industry Driving Forces, Strategic Group Mapping.	
III	<b>Strategic intent:</b> Vision and Mission, Significance, Characteristics, Objectives, Types, Setting of Objectives, Factors affecting Strategy, Generic Strategies, Other Strategy Choices, Strategic Alliances, Mergers and Acquisitions, Vertical Integration, Outsourcing, Offensive Strategies, First Mover Advantages and Disadvantages, Diversification, Modernization, Turnaround.	
IV	<b>Crafting strategy:</b> Strategy Framework for Analyzing Competition, Porters Value Chain Analysis, Competitive Advantage of a Firm, Formulation of Strategy at Corporate, Business and Functional Levels, Strategic Analysis and Choice, Strategy Implementation, InterRelationship between Formulation and Implementation.	
V	<b>Evaluation of strategy:</b> Strategic Evaluation, Significance, Criteria, Barriers and Overcoming Barriers. Strategic Control and Operational Control: Types of Strategic Controls, Process of Operational Control, Evaluation Techniques for Strategic and Operational Control.	

## Statements of Course Outcomes (COs)

**By the end of the course, the student will be able to**

<b>CO-1</b>	Understand the concept of strategy and also strategic management.
<b>CO-2</b>	Remember the competitive advantage models and also the concept of value chain analysis and Bench marking.
<b>CO-3</b>	Analyze the differences between vision and mission statement and also they will get practical knowledge of formulation of vision and mission statement.
<b>CO-4</b>	Understand the formulation of strategies in various levels like corporate, business and functional levels.
<b>CO-5</b>	Understand how to evaluate the strategies and significance of strategies in business.

## Subject – Indian Accounting Standards-II

<b>Unit</b>	<b>Course Inputs</b>	<b>Hours Allotted</b>
I	<b>Group accounting:</b> Ind AS-27: Separate Financial Statements; Ind AS-28: Investments in Associates and Joint Ventures; Ind AS-110: Consolidated Financial Statements; Ind AS-103: Business Combinations; Ind AS-111: Joint Arrangements; and Ind AS-112: Disclosure of Interest in other Entities.	
II	<b>Technical and specialized standard:</b> Ind AS-17: Lease Accounting; Ind AS-12: Income Taxes; Ind AS-102: Share Based Payments; Ind AS-108: Operating Segments and Ind AS-41: Agriculture.	
III	<b>Financial Instruments:</b> Ind AS-109, Ind AS – 107, Ind AS – 32 and Ind AS – 39: Financial Instruments. Fair Value: Ind AS-113: Fair Value Measurement.	
IV	<b>Other Ind AS:</b> Ind AS-101: First Time Adoption; and Challenges and Issues; Ind AS-105: Non-Current Assets held for Sale and Discontinued Operations; Ind AS – 104: Insurance Contracts; Ind AS-106: Exploration for and Evaluation of Mineral Resources; Ind AS – 114: Regulatory Deferral Accounts.	
V	<b>Development in IFRS:</b> Developments in IFRS Space including New Lease Standard, New Conceptual Framework, and New Revenue Standard.	

## Statements of Course Outcomes (COs)

**By the end of the course, the student will be able to**

<b>CO-1</b>	Understand the group accounting and they are able to prepare the consolidated financial Statements.
<b>CO-2</b>	Understand the maintenance of lease accounts in accordance with the Indian Accounting Standards.



<b>CO-3</b>	Understand the valuation of financial instruments according to Ind AS.
<b>CO-4</b>	Remember the benefits and challenges related to first time adoption of Ind AS
<b>CO-5</b>	Understand the recent development if IFRS with respect to Lease standards and also they are able to explain the conceptual framework of IFRS.

### Subject – Global Business Finance

Unit	Course Inputs	Hours Allotted
I	<p><b>Introduction:</b> An Overview of Global Business Finance, Distinguishing Features, Objectives, Significance, Factors Responsible for Increased Role of Global Business Finance, Challenges, Finance Function in the Global Context, Global Finance Manager, Role of Global Finance Manager in MNCs, and Differences Between Global Financial Management and Domestic Financial Management.</p> <p>International Financial Institutions and Markets: Origin, Objectives, Structure and Operation of – Bank for International Settlement (BIS), International Monetary Fund (IMF), World Bank Group , International Bank for Reconstruction and Development (IBRD), International Finance Corporation (IFC); International Development Agency (IDA), Multilateral Investment Guarantee Agency (MIGA) and International Conference for Settlement of Investment Disputes (ICSID), Development Banks, Euro Currency Markets, Euro Banking, Market for International Securities – International Bonds, Euro Notes and Euro Commercial Papers, and Medium Term Euro Notes</p>	
II	<p><b>Foreign Exchange Market and Exchange rate discrimination:</b> Concept of Forex Market, Features and Structure of Forex Market, Functions and Role of Forex Market, Participants of Forex Market, Mechanics of Currency Trading, Foreign Exchange Market in India, Types of Transactions and Settlement Dates, Exchange Rate and Theories of Exchange Rate Determination, Factors Influencing Exchange Rate, Determination of Exchange Rate in the Spot Market and Forward Market, Calculation of Outright Rate, Bid Price, Ask Price, Quotation, Types of Quotation, Currency Futures , Forward Contracts V/S Future Contracts, Arbitrage, Covered Interest Arbitrage, Hedging and Speculation.</p>	
III	<p><b>Foreign exchange Exposure and Risk:</b> Introduction, Nature of Exposure and Risk, Types of Foreign Exchange Exposures: Translation, Transaction and Economic Exposure, Management of Foreign Exchange Exposure Risk through Hedging: Internal and External Techniques and Balance of Payment.</p>	
IV	<p><b>Cost of Capital and financial structure of MNC's:</b> Introduction, Determination of Cost of Capital , Cost of Debt, Cost of Preference Shares, Cost of Equity Capital, Cost of Retained Earnings, Weighted Average Cost of Capital; Financial Structure of Multinational Groups, and Capital Structure for Foreign Subsidiaries</p>	
V	<p><b>International Capital budgeting decisions:</b> Introduction, Basic Concepts of International Capital Budgeting, Issues in Foreign Investment Analysis, Estimation of Cash Flows, Cost of Capital, and Portfolio Consideration of MNCs.</p>	

## Statements of Course Outcomes (COs)

**By the end of the course, the student will be able to**

<b>CO-1</b>	Understand the concept of Global business finance and also they are able to understand the operations of various international financial institutions like IMF , IBRD, IFC and MIGA etc.,
<b>CO-2</b>	Understand the concept of Forex market and also they are able to explain the role and functions of forex market.
<b>CO-3</b>	Understand the Management of Foreign Exchange Exposure Risk through Hedging
<b>CO-4</b>	Evaluate the cost of capital of various sources like preference shares and debenture.
<b>CO-5</b>	Understand the international capital budgeting decisions.

## PG Department of Commerce

### Syllabus (2017-18)

#### SEMESTER – I M.Com Subject – Organization Behavior

Unit	Course Inputs	Hours Allotted
I	<b>Organization Theory:</b> Introduction to Organization, Organization Theory - Classical, Neo-Classical and Contemporary, Authority, Power, Status, Formal and Informal Structure.	
II	<b>Organizational Structure and Design:</b> Introduction, Meaning, Determinants and Types – Line, Staff, Line and Staff, Functional and Divisional; and Project Matrix.	
III	<b>Organizational Behaviour (OB):</b> Meaning and Definition, Nature, Fundamental Concepts, Scope of OB, Challenges and Opportunities for Organization Behaviour, Contributing Disciplines to the field of OB, and Organization Behaviour Models.	
IV	<b>Individual Behaviour:</b> Causes of Human Behaviour. Personality: Meaning and Definition, Determination of Personality, Personality Traits. Perception: Meaning and Definition, Perceptual Process, Factors influencing Perception, The Link between Perception and Individual Decision Making, Perceptual Biases/Errors, Honing Perceptual Skills. Learning: Meaning, Theories. Attitude: Sources of Attitude. Values: Types of Values. Job Satisfaction.	
V	<b>Group Behaviour:</b> Determinants of Group Behaviour, Group Process, Group Tasks, Types of Groups – Formal and Informal, Group Norms, Group Cohesiveness; Leadership – Styles of Leadership, and Decision Making in Group.	
VI	<b>Organizational Change and Development:</b> Concept and Determinants of Organizational Culture; Organization Development – Concept and Intervention Techniques, Individual and Organizational Factors to Stress, Consequences of Stress of Individual and Organization, and Management of Stress.	

#### Statements of Course Outcomes (COs)

By the end of the course, the student will be able to

CO-1	Understand the various organizational theories and also the concept of authority, responsibility.
CO-2	Understand the structure of organization
CO-3	Create the organisation Behavior model

<b>CO-4</b>	Analyze the concept of perception, personality and learning.
<b>CO-5</b>	Obtain the practical knowledge of leadership, motivation.
<b>CO-6</b>	Understand the concept of stress and its management.

**SEMESTER – I M.Com**  
**Subject – Managerial Economics**

<b>Unit</b>	<b>Course Inputs</b>	<b>Hours Allotted</b>
I	<b>Introduction to Managerial Economics:</b> Economy and Economies, Essential Process and Problems of Economy, Nature and Scope of Managerial Economics, Managerial Economics and other Disciplines, Basic Concepts of Managerial Economics	
II	<b>Demand Analysis and Forecasting:</b> Concept of Demand, Determinants and Types of Demand, Elasticity of Demand, Demand Function, Demand and Supply Interaction, Market Equilibrium; Demand Forecasting - Techniques of Demand Forecasting.	
III	<b>Production Analysis:</b> Production Factors; Production Function; Short-run and Long-run Production Functions; Graphical and Mathematical Approaches in finding Firm Equilibrium; ISOQUANT, ISOCOST, Least Cost Combination of Inputs, Law of Returns, Economies of Scale and Scope, Cob-Douglas Production Function, and Managerial implications of Production Function	
IV	<b>Cost and Revenue Analysis:</b> Concepts of Cost, Determinants of Cost, Cost-Output Relationship in Short- and Long-Run, Economies of Scale Vs Diseconomies of Scale, Cost Control and Cost Reduction, Revenue Concepts, Functional Relationship between Marginal Revenue, Total Revenue, Marginal Cost and Total Cost.	
V	<b>Market Structure and Pricing Practices:</b> Market Structure – Classification, Price and Output determination under Monopoly, Oligopoly, Monopolistic and Perfect Competitive Market Conditions; Price Discrimination - Degrees of Price Discrimination, International Price Discrimination and Dumping.	
VI	<b>Pricing Methods and Strategies:</b> Introduction to Pricing; Factors influencing Pricing; Pricing Practices; Process of Price Determination; Pricing Strategies; Pricing in Public Interest, and Government Intervention and Pricing.	

**Statements of Course Outcomes (COs)**

**By the end of the course, the student will be able to**

<b>CO-1</b>	Understand the concept of managerial economics
<b>CO-2</b>	Understand the concept of demand and market equilibrium.
<b>CO-3</b>	Analyze the concept of production function and ISOCOST and ISOQUANT.
<b>CO-4</b>	Understand the concept of cost, revenue and its application.
<b>CO-5</b>	Understand the various market structures like monopoly, oligopoly, monopolistic and perfect competition market and also price discrimination.
<b>CO-6</b>	Apply the various pricing strategies in real life problem.

**SEMESTER – I M.Com**  
**Subject – Advanced Financial Management**

Unit	Course Inputs	Hours Allotted
I	<b>Introduction:</b> Meaning and Objectives of Financial Management, Profit Vs Wealth Maximization, Interrelation among Financial Decisions, Interface of Financial Management with other Disciplines, and Measuring Shareholders' Value Creation; Time Value of Money - Concept, Importance, Factors contributing to the Time Value of Money, Techniques of Time Value of Money, and Loan Amortisation Schedule.	
II	<b>Financing Decisions:</b> Capital Structure - Introduction, Determinants, Patterns, Point of Indifference and Theories of Capital Structure; Leverages – Meaning, Uses, and Types; Cost of Capital – Concept, Definition, Computation of Specific Cost of Capital and WACC	
III	<b>Long-Term Investment Decisions:</b> Capital Budgeting – Importance, Process, Non-discounted and Discounted Techniques of Capital Budgeting; Analysis of Risk in Capital Budgeting – Concept, and Risk Evaluation Approaches.	
IV	<b>Dividend Decisions:</b> Introduction, Types of Dividend Policy, Factors influencing Dividend Policy, Stock Split, Bonus Share and SEBI guidelines for issuing Bonus Shares, Legal Provisions relating to Dividend in India, Dividend and Market Valuation – Walter's Model, Gordon's Model and MM Approach.	
V	<b>Inventory Management:</b> Concept, Objectives, Motives, Costs of Holding Inventories, Risk and Benefits of Holding Inventory, Determining of Stock Levels, EOQ and ABC.	
VI	<b>Cash and Receivables Management:</b> Objectives of Cash Management, Cash Conversion Cycle, Baumol Model of Cash Management; Receivables Management - Concept, Objectives, Costs of Accounts Receivable Management, Factors influencing the size of Investment in Receivables, Credit Policy and Determination of appropriate Credit Policies.	

**Statements of Course Outcomes (COs)**

**By the end of the course, the student will be able to**

<b>CO-1</b>	Understand the concept of finance and also time Value of Money.
<b>CO-2</b>	Evaluate the EPS and also have a practical knowledge of choosing the best capital structure
<b>CO-3</b>	Obtain the practical Knowledge of Capital Budgeting
<b>CO-4</b>	Understand the different dividend policy models and also the concept of Bonus issue of shares.
<b>CO-5</b>	Understand the concept of inventory management and its various techniques.
<b>CO-6</b>	Understand the concept of cash and receivables management.

**SEMESTER – I M.Com**  
**Subject – Accounting theory and Analysis**

Unit	Course Inputs	Hours Allotted
I	<b>Generally Accepted Accounting Principles (GAAPs):</b> Introduction, Definition of Accounting – Financial, Cost and Management; Accounting as the Language of Business, Accounting as the Information System, and Users and Uses of Accounting Information. GAAPs: Introduction; Need for Accounting Principles; Meaning of Accounting Principles; Structure of GAAPs – (a) Accounting Assumptions - Business Entity Concept, Going Concern Concept and Money Measurement Concept; (b) Accounting Concepts - Accounting Period Concept, Objectivity, and DualAspect Concept; (c) Accounting Principles - Cost Principle, Matching Principle - Recognition of Revenue, Realization Principle, and Systems of Accounting; (d) Accounting Conventions – Conservatism, Consistency, Materiality, and Disclosure; and (e) Accounting Rules and Policies	
II	<b>Accounting Theory:</b> Introduction; Importance of Accounting Theories; Accounting Theory – Meaning and Definitions; Classification of Accounting Theories - Structural (Syntactical) Theories, Interpretational (Semantically) Theories, and Behavioral (Pragmatic) Theories; Approaches to Formulation of Accounting Theory - Descriptive Approach, Normative Approach, and Ethical Approach; Few Basic Equity Theories - Proprietary Theory, Entity Theory, and Fund Theory.	
III	<b>Accounting for Price Level Changes:</b> Introduction; Effects of Inflation; Approaches to Inflation Accounting - Entry and Exit Value Approaches – Partial and Complete Revaluation Methods – (a) Current Purchasing Power Method - Forward and Backward Approaches, Conversion Factor, Monetary and Non-monetary Items, and Restatement of Items of Financial Statements and Preparation of Inflation-adjusted Financial Statements under CPP Method; (b) Current Cost Accounting Method - Current Cost Profit and Loss Account - Cost of Sales Adjustment, Depreciation Adjustment, Monetary Working Capital Adjustment, and Gearing Adjustment, and Current Cost Balance Sheet.	
IV	<b>Human Resource Accounting:</b> Introduction; Human Resource Accounting – Definitions and Features; Premises of Human Resource Accounting; Classification of Human Resource Costs; Approaches of Human Resource Accounting – (a) Cost Approaches - Acquisition Cost Method, and Replacement Cost Method; and (b) Value Approaches - Present Value of Future Earnings Method, Adjusted Discounted Future Wages Method, Hermanson's Unpurchased Goodwill Method, Economic Value Method, Competitive Bidding or Opportunity Cost Model, Morse's Net Benefits Method, and Ogan's Discounted Certainty Equivalent Net Benefits Model; Comprehensive Model – Quantification and Recognition of Qualities of HR into HRA Model; Advantages; and Indian Scenario.	
V	<b>Financial Reporting:</b> Financial Reporting – Concept, Objectives and Benefits, Trueblood Report and Stamp Report, Qualities of Financial Information, The Companies Act, 2013 and Financial Statements; Ind AS – 1: Presentation of Financial Statements and Ind AS - 7: Statement of Cash Flows.	
VI	<b>Analysis and Interpretation of Financial Statements:</b> An Overview of Tools of Analysis and Interpretation – (a) Comparative Financial Statements, (b) Common-size Financial Statements, (c) Trend Analysis, (d) Ratio Analysis, and (e) Funds Flow Statement (Note: The students have studied this Unit at the	

	B.Com level and therefore, the Course Teacher is expected to provide only an overview of this Unit and to focus on solving advanced problems involving analysis and interpretation of Financial Statements).	
--	--	--

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able to**

<b>CO-1</b>	Understand the various concepts and conventions of accounting.
<b>CO-2</b>	Apply the various accounting theory such as proprietary theory, entity theory and fund theory and also able to apply those theory knowledge in practical life.
<b>CO-3</b>	Analyze the financial statements in inflation situation by using Current Purchasing Power method and Current cost accounting.
<b>CO-4</b>	Understand the Human Resource Accounting and Human Resource Model.
<b>CO-5</b>	Understand the companies act 2013 and also preparation of Financial statements in accordance with the Ind AS 1
<b>CO-6</b>	Understand the preparation of financial statement and analysis.

### SEMESTER – I M.Com

#### Subject – Advanced Management Accounting

Unit	Course Inputs	Hours Allotted
I	<b>Introduction:</b> Meaning, Definitions, Significance, Nature and Scope, Objectives, Functions, Uses and Limitations, Tools and Techniques of Management Accounting, Installation of Management Accounting System; Management Accounting as a separate branch of Accounting; and Management Accountant – Functions, Duties, and Essential Qualities.	
II	<b>Budgetary Control:</b> Meaning and Objectives of Budget, Budgeting and Budgetary Control; Nature and Importance of Budgetary Control; Classification and Preparation of Functional and Master Budgets, and Fixed and Flexible Budget; and Zero Based Budget; and Advantages and Limitations of Budgetary Control.	
III	<b>Standard Costing and Variance Analysis:</b> Introduction, Meaning, Objectives, and Significance of Standard Costing, Budgetary Control Vs Standard Costing, Prerequisites of Standard Costing, Types of Standards; Variance Analysis - Materials, Labour, Overhead Variances, Sales and Profit Variances, Accounting treatment of Variances; and Managerial Uses of Variance Analysis.	
IV	<b>Responsibility Accounting:</b> Responsibility Accounting - Definition, Meaning, Basic Principles, Process in Implementation, Controllable and Non-controllable Costs, Responsibility Reporting, Determinants of Responsibility Centers, Difficulties in Implementation, Responsibility Centre Performance Measurement Reporting to different levels of Management. Transfer Pricing: Need, Methods of Transfer Pricing – Full Cost Method, Standard Cost Method, Marginal Cost Method, Market-based Transfer Price, Dual Transfer Prices, Negotiated Price Method, Arbitrary Transfer Price and Cost Plus Method; General Rules of Transfer Pricing.	
V	<b>Inter Firm Comparison:</b> Introduction, Meaning and Definitions, Procedure and Requirements – Establishment of Central Organization, Adoption of Uniform Costing Principles and Practices.	

VI	<b>Managerial Reporting and Management Audit:</b> Introduction, Management Reporting – Meaning and Definitions, Fundamental Principles of Managerial Reports, Modes and Types of Reporting; Management Audit – Meaning, Responsibility Accounting as an aid to Management Audit, and Management Auditor	
----	---	--

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able to**

<b>CO-1</b>	Understand the concept of Management Accounting and its aspects.
<b>CO-2</b>	Understand the concept of Budget and also Preparation of flexible and fixed budgets.
<b>CO-3</b>	Remember the concept of Variance analysis and accounting treatment of Variance.
<b>CO-4</b>	Understand concept of responsibility accounting and its determinants, and also the concept of transfer pricing.
<b>CO-5</b>	Analyze the concept of uniform costing and its practices.
<b>CO-6</b>	Understand the preparation of managerial report and types of reporting.

### SEMESTER – I M.Com Subject – Indian Financial System

Unit	Course Inputs	Hours Allotted
I	<b>Overview of Indian Financial System:</b> Structure of Indian Financial system; Objectives and Functions of Financial System, Financial System and Economic Development; Niti Aayog; Financial Markets, Financial Instruments, Financial Institution and Financial Services	
II	<b>Security Markets - Legal Environment:</b> SEBI - Introduction, Objectives, Powers and Functions, Role of SEBI in Capital Market and Investor Protection, Security Contract Regulations Act, 1956; and Salient Features of SEBI Act, 1992.	
III	<b>Primary Market:</b> Primary Market - Its Role and Functions; Issue of Capital - Methods of issuing Securities in Primary Market, Intermediaries in New Issue Market - Merchant Bankers, Underwriters, Brokers, Registrars and Managers, Bankers, Pricing of Issue - Book Building, Green Shoes Option, Procedure for New Issues, and SEBI Guidelines for Issue in Primary Market	
IV	<b>Secondary Market Operations:</b> Stock Exchanges in India - Importance and Functions, Listing of Securities in Stock Exchanges; Players in Stock Exchange - Investors, Speculators Market Makers, Stock Brokers; Eligibility Criteria; Trading in Stock Exchange, Stock Exchanges - Bombay Stock Exchange, National Stock Exchange, Over-the-Counter Exchange of India, and The SEBI (Central Listing Authority Regulations, 2003). Trading Mechanism - BOLT, NEAT System, Screen Based System; Clearing and Settlement - Introduction, Terminologies, Transaction Cycle; Settlement Process - Demat and Trading Account; Trading Documents; Contract Note, Delivery Notes; Depositories - Role and Need; The Depositories Act, 1996; SEBI (Depositories and Participants Regulations) 1996; Depositories and Participants Regulations 2012; and Types of Depositories - NSDL, CDSL, and Depository Participant.	



V	<b>Money Market Operation:</b> Meaning, Scope, Functions, Players, Call Money Market Operation, Treasury Bills, Mechanism of Commercial Papers, Certificate of Deposits, Trade Bills, New Instruments in Money Markets, Regulatory Role of RBI in Money Markets, and Tools for managing Liquidity in the Money Markets	
VI	<b>Recent Developments in Indian and Global Capital Markets:</b> International Markets - FIIs, Euro Issues, ECB, Latest Guidelines of ECB, ADRs, GDRs, IDRs, FCCB, FDI; International Bonds - Bulldog, Yankee, and Bunny Bonds.	

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able to**

<b>CO-1</b>	Understand the financial instruments, financial institution and financial services.
<b>CO-2</b>	Analyze the role of SEBI in Capital Market.
<b>CO-3</b>	Understand the concept of New issue Market, Merchant Bankers, underwriters and brokers.
<b>CO-4</b>	Obtain an idea regarding the stock market and SEBI.
<b>CO-5</b>	Understand the operations of money market and also the concepts of Commercial papers, certificates of deposits trade bills and other new instruments in Market.
<b>CO-6</b>	Understand the global capital market and recent developments in Global capital market.

### SEMESTER – II M.Com

#### Subject – Business Environment and Government Policy

Unit	Course Inputs	Hours Allotted
I	<b>Conceptual Framework of Business Environment:</b> Concept, Significance, and Nature of Business Environment – Internal and External, Changing Dimensions of Business Environment, Techniques of Environmental Scanning and Monitoring, and Business Policy.	
II	<b>State Intervention in Business:</b> Theory of Government Intervention in Business, Nature of Government Intervention in India – Recent Trends; State Policies affecting business. Roles of Government – Regulatory, Promotional, Entrepreneurial and Planning, and Recent Trends.	
III	<b>Industrial Policies and Reforms:</b> Industrial Policies - A critical appraisal of New Industrial Policy 1991, Recent amendments to Industrial Policy, National Manufacturing Policy, Sickness in India – An overview of Sickness in Small Scale Industrial Units and Public Sector Enterprises, Causes for Sickness, Magnitude and Remedial Measures, Important Provisions of Sick Industrial Companies, (Special Provisions) Act, 1985 and their Applicability; FEMA; and Privatization and Disinvestment.	
IV	<b>Competition Act, 2002:</b> Introduction, Definitions, Consumer, Enterprise, Goods, <i>etc</i> ; Prohibition of Certain Agreements, Abuse of Dominant Position and Regulation of Combinations; Competition Commission of India - Duties, Powers and Functions of Commission; Duties of Director General; Competition Appellate Tribunal and Recent Changes.	

V	<b>Consumer Protection Act, 1986:</b> Introduction, Objectives, Applicability, Consumer and Rights of Consumers, Nature and Scope of Remedies available to Consumer and Recent Changes.	
VI	<b>Global Environment:</b> Multinational Corporations, Foreign Collaborations and Indian Business – Foreign Direct Investment - Non-Resident Indians and Corporate Sector, Foreign Trade Policies and Recent Developments.	

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able to**

<b>CO-1</b>	Understand with the nature of business environment and its components.
<b>CO-2</b>	Evaluate the nature of the government intervention in business in India and also Analyze the impact of government policies on business
<b>CO-3</b>	Create awareness regarding recent amendments in industrial policy, identify the various causes for industrial sickness.
<b>CO-4</b>	Create the awareness regarding competition commission of India, and also understand the duties of director general.
<b>CO-5</b>	To create awareness regarding the consumer rights, various Redressal agencies and remedies available to the consumer,.
<b>CO-6</b>	Analyze the foreign collaborations and India, Foreign Direct Investment and foreign trade policies.

### Subject – Advanced Marketing Management

Unit	Course Inputs	Hours Allotted
I	<b>Marketing Concepts and Tools:</b> Meaning, Definitions of Marketing and Marketing Management, Core Marketing Concepts, Marketing Concept and Consumer Value, Marketing Myopia, and Marketing Environment.	
II	<b>Market Segmentation and Consumer Response:</b> Need for Segmentation, Requirements of Market Segments, Bases of Market Segmentation, Segmentation Strategies; Buying Motives, Input-Output Model, Pre- and Post- Purchase Behaviour Model, Sigmund Freudian Psycho-Analytical Model, and Maslow's Hierarchy of Needs.	
III	<b>Marketing Mix:</b> Product – Types of Products, Diversification, Product Life Cycle and New Product Development and related Strategies, Product Identification and related Strategies. Pricing – Pricing Policies, Determinants of Pricing, Role of Costs in Pricing, Pricing Methods. Place – Channels of Distribution, Channel Policies, Channels and Conflicts. Promotion – Elements of Promotion, Motivating sales force, Sales Promotion Techniques, Advertising, Types of Advertising, Determining Advertising Budget, and Media Selection.	
IV	<b>Marketing Research:</b> Meaning, Purpose, Sequence of Steps in Marketing Research, Areas of Application, Methods of Marketing Research, Limitations of Marketing Research and Ethical Issues in Marketing Research.	

V	<b>Green Marketing:</b> Need for Green Marketing, Green Marketing Strategies, Principles of Green Marketing, Golden Rules of Green Marketing, Green Marketing Mix and Challenges in Green Marketing.	
VI	<b>Retail and Rural Marketing:</b> Retailing, Types of Retailers, Retail Marketing Strategies, Global and Indian Trends in Retailing; Rural Marketing –Importance, Factors influencing Rural Buying Behaviour, and Marketing Mix strategies in rural Market.	

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able to**

<b>CO-1</b>	Obtain the conceptual knowledge in various concepts of Marketing
<b>CO-2</b>	Analyze how marketing segmentation has to be made and what are the benefits from Marketing segmentation.
<b>CO-3</b>	Obtain the knowledge of various pricing methods
<b>CO-4</b>	Apply the marketing research in their practical life
<b>CO-5</b>	Create awareness of green marketing and its essentiality in present Marketing era.
<b>CO-6</b>	Analyze the rural Marketing problems and also evaluation of rural Market Buyer Behavior.

### Subject – Business Mathematics and Statistics

Unit	Course Inputs	Hours Allotted
I	<b>Basic Mathematics of Finance:</b> Introduction, Nominal Rate of Interest and Effective Rate of Interest, Continuous Compounding, Compound Interest, Calculation at Varying Rate of Interest, Present Value, Interest and Discount, Nominal Rate of Discount, Force of Discount, and Depreciation.	
II	<b>Differential Calculus:</b> The Concept of Derivatives, Derivative of a Function, Derivatives of Linear and Quadratic Equations, and Applications to Management and Economics; Derivative of a product of	

	two Functions, Successive Differentiation, Partial Differentiation, Determination of Maxima and Minima, Optimization Problems in Business; Integral Calculus - Definite and Indefinite Integral, Rules of Integration, Some Standard Results in Integration, Integration by Substitution, Integration by Parts, and Applications to Business.	
III	<b>Probability, Random Variables and Theoretical Distributions:</b> Terminologies, Schools of Thought on (approaches to) the Concept of Probability, Permutation and Combination, Theorems of Probability - Conditional Probability, Bayes's Theorem; Calculation of Probability - Meaning of Random Variable, The Mean of a Random Variable, The Expected Value of a Random Variable, Binomial Distribution and Fitting a Binomial Distribution, Poisson Distribution and Fitting a Poisson Distribution, Normal Distribution and Fitting a Normal Curve.	
IV	<b>Simulation Models:</b> Basic Concepts, Monte Carlo Method, Random Number Generation, and Business Applications of Simulation Models.	
V	<b>Decision Theory:</b> Introduction, Types of Decisions, Components of Decision Making, Decision Models, Types of Environment, Calculations of EMV, EVPI, EOL, Decision Making under Uncertainty, Decision Making under Risk, Decision Making under Conflict, Decision Making under Utilities, Marginal Analysis Method and Decision Tree Analysis, Posterior Probabilities and Bayesian Analysis.	
VI	<b>Statistical Quality Control:</b> Causes of Variations in Quality Characteristics; Quality Control Charts - Purpose and Logic, Constructing a Control Chart, Process under Control and out of Control, Control Charts for Attributes, Fraction Defects and Numbers of Defects.	

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able to**

<b>CO-1</b>	Apply the concepts and use equation, formulae and mathematical expressions and relationship in variety of contexts.
<b>CO-2</b>	Apply the knowledge of Mathematics (Calculus) in solving business problems.
<b>CO-3</b>	Understand the concept of probability and theoretical distribution.
<b>CO-4</b>	Apply the simulation model in various business problems
<b>CO-5</b>	Understand various Decisions Model, and also learns about decision tree analysis.
<b>CO-6</b>	Analyze the causes for quality variations and also learns construction of quality Charts.

### Subject –Strategic Cost Management

Unit	Course Inputs	Hours Allotted
------	---------------	----------------

I	<b>Activity Based Costing (ABC):</b> Cost – Ascertainment, Control, Reduction, Avoidance and Management; Cost Management System; Cost Leadership Strategy; Strategic Cost Management (SCM); SCM Programme; and Importance of SCM. Activity Based Costing - Inadequacies of Traditional Methods of Overhead Absorption, Concept of ABC, Kaplan and Cooper's approach to ABC, Cost Drivers and Cost Pools, Main Activities and their Cost Drivers, Allocation of Overheads under ABC – Characteristics, Steps, Implementation; Benefits and Limitations of ABC System.	
II	<b>Learning Curve Model:</b> Concept and Phases of Learning Curve, Graphical representation, Learning Curve Applications and Factors affecting Learning Curve, and Experience Curve.	
III	<b>Life Cycle Costing:</b> Concept and Characteristics activities and Phases in Product Life Cycle, Short Product and Extension of Product Life Cycle, Turning Point Indices in Product Life Cycle; and Project Life Cycle Costing.	
IV	<b>Just-in-Time Approach:</b> Concept, Philosophy of JIT, Sources of Waste, Objectives of JIT, Features and Methodology of Implementation of JIT, Planning for adoption and Limitations of JIT Costing.	
V	<b>Target Costing:</b> Meaning and Definitions, Basic Concepts, Unique Features, and Cost determination procedure under Target Costing.	
VI	<b>Balanced Score Card (BSC) and other Techniques:</b> Concept, Objectives, Four Basic Business Perspectives of BSC - Components and Measures of Performance; Kaizen Costing; Theory of Constraints; and Value Analysis and Value Engineering.	

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able to**

<b>CO-1</b>	Understand the various concepts of cost, in addition to that they will also know about implementation of Activity Based Costing.
<b>CO-2</b>	Evaluate how learning helps to reduce the cost in the industry and what factors will influences the leaning of employee.
<b>CO-3</b>	Understand the phases involved in product life cycle, identifies the difference between product life cycle and project life cycle
<b>CO-4</b>	Analyze the implantation methodology of Just in time approach.
<b>CO-5</b>	Analyze why target costing is necessary and the importance of target costing.
<b>CO-6</b>	Understand the concept of Kaizen Costing, value analysis and value engineering.

### Subject – Investment Management

Unit	Course Inputs	Hours Allotted
------	---------------	----------------

I	<p><b>Investment and Investment Alternatives:</b> Meaning, Characteristics, Objectives, Investment Process, Investment Avenues, Investment Vs Speculation; Portfolio Management - Phases of Portfolio Management, Construction, Risk and Types of Risk attached to Investment, Security Return and Risk Analysis, and Measurement of Return and Risk.</p> <p>Investment Alternatives: Non-Market Financial Assets - Bank Deposits, Post Office Savings Account, National Saving Certificates, Employee Provident Fund Scheme; Money Market Instruments - Bond or Debentures, Preference Share, Life Insurance, Consideration in choosing Life Insurance Policies, Investment in Gold, Real Estate, and Sources of Financial Information.</p>	
II	<p><b>Portfolio Analysis and Management:</b> Traditional Portfolio Analysis, Effects of Combining Securities, Expected Return on a Portfolio, Single Index Model, Risk of a Portfolio, Reduction of Portfolio Risk through Diversification, Portfolio with more than two Securities, Markowitz Model and Location of Efficient Frontier.</p>	
III	<p><b>Capital Assets Pricing Model:</b> Capital Assets Pricing Model - Assumptions, Capital Market Line, Security Market Line; Market Model, Arbitrage Pricing Theory and Factor Models, Factor Models and Return, Generating Process, One and Two Factor Models.</p>	
IV	<p><b>Efficient Market Theory:</b> Random Walk Theory, The Efficient Market Hypothesis, Forms of Market Efficiency - Weak, Semi-Strong and Strong Market, and their Significance; EMH Vs Fundamental and Technical Analysis.</p>	
V	<p><b>Valuation of Securities:</b> Valuation of Fixed Income Securities - Bonds, Debentures, Preference Shares and Convertible Securities; Valuation of Variable Income Securities - Equity Shares; and Investment by Individuals.</p>	
VI	<p><b>Portfolio Performance and Evaluation:</b> Measurement and Evaluation, Measurement of Portfolio Performance, Risk and Return, Risk Adjustment and Performance Measures, Sharpe, Treynor and Jensen Models; Components of Portfolio Investment Performance, and Stock Selection and Timing.</p>	

## Statements of Course Outcomes (COs)

**By the end of the course, the student will be able to**

<b>CO-1</b>	Apply Time Value of Money methodology, and also they were able to recognize the various investment alternatives.
<b>CO-2</b>	Create investment policy statements for institution and individual investors.
<b>CO-3</b>	Create awareness regarding security market, arbitrage process and factoring model.
<b>CO-4</b>	Obtain the forms of market efficiency and their significance in investment.
<b>CO-5</b>	Evaluate the cost of capital, adjust financial statements for debenture, preference share and convertible securities valuation purposes
<b>CO-6</b>	Create an appropriate portfolio for a given investor and Market conditions.

## Subject – Managerial Communication

Unit	Course Inputs	Hours Allotted
I	<b>Introduction:</b> Meaning, Importance of Communication, Purpose of Communication, Process of Communication, Communication Structure in Organisations, Barriers in Communication, Pre-requisites for Effective Communication, and Communication Network.	
II	<b>Verbal and Non-Verbal Communication:</b> Meaning, Principles of successful Oral Communication, Barriers in Oral Communication, Conversation Control – Reflection and Empathy, Effective Principles of Oral Communication; Non- verbal Communication – Meaning, Characteristics, Classification, and Guidelines for developing Non-verbal Communication.	
III	<b>Written Communication:</b> Meaning, Importance of skills in Written Communication, Purpose of Writing, Elements of Writing, and Principles of Effective Writing; Business Letters and Reports – Introduction, Meaning, Importance, Types of Business Letters and Report Writing, Writing of Business Letters and Reports, and Writing of Memos; Reading Comprehension - Discussion of Passages with questions to be answered.	
IV	<b>Listening:</b> Meaning, Significance, Types, Myths about Listening, Barriers and Overcoming Measures, Stages of Listening, and Body Language of an Active Listener.	
V	<b>Presentation Skills:</b> Meaning, Elements of Presentation, Designing a Presentation, Six great Helpers in Presentation, and Steps to a Successful Presentation; Group Communication - Meetings, Seminars, Conferences, Workshops and Business Etiquettes.	
VI	<b>Employment Communication:</b> Introduction, Writing CVs, Group Discussion, Interview Skills and Impact of Technological Advancement on Business Communication.	

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able to**

<b>CO-1</b>	Understand the Importance of communication and learns communication structure and its implication.
<b>CO-2</b>	Understand the non-verbal communication and also learns guidelines to development of non verbal communication.
<b>CO-3</b>	Understand the mechanics of writing and construct effective paragraphs which benefit in a longer composition
<b>CO-4</b>	Analyze and learns sub skills of listening and stages involved in listening
<b>CO-5</b>	Understand the importance of presentation and group communication
<b>CO-6</b>	Understand the interview skills, and also learns about how they have to involve in Group Discussion.

**SEMESTER – III M.Com**  
**Subject – E-Commerce**

Unit	Course Inputs	Hours Allotted
I	<b>Conceptual Framework of E-Commerce:</b> Introduction, Meaning, Definitions, Unique Features, Need and Scope, Online Extension of BAM Model, Transition to E-Commerce in India, Few Pioneering Indian Case Studies, Application of E-Commerce in different Sectors, Impact of E-Commerce on Business and Opportunities in E-Commerce, Advantages and Disadvantages of E-Commerce, IT Act, and Positive aspects for Corporate Sector.	
II	<b>Business Models for E-Commerce:</b> E-Business Models based on relationship of Transaction Parties and E-Business Models based on relationship of Transaction Types	
III	<b>E-Marketing and M-Commerce:</b> Traditional and Online Marketing, Internet Marketing Mix, Internet Marketing Trends, Target Markets, E-Marketing Strategies; E-Advertising – Methods, Advertising Strategies; M-Commerce – Infrastructure - Wireless-Standards and Applications.	
IV	<b>E-Customer Relationship Management:</b> Meaning and Definitions, Features, Framework and Architecture of E-CRM, Components of E-CRM, Building E- CRM, Tools to maintain E-CRM, Strategies for E-CRM Solutions; Data Mining - Elements, Types, Process and Applications, Advantages and Disadvantages; and Typical Business Touchpoints.	
V	<b>E-Payments System:</b> Introduction, Special Features, Types - Digital Token- based EPS, Smart Cards, Credit Cards, E-Cheque, E-Cash, E-Purse, Debit Cards, Mobile Payment, Components of an effective EPS, Risk in EPS; EDI - Definition, Benefits, Limitations, Transaction and its Applications; EFT, and E-Supply Chain Management - Application in Business.	
VI	<b>Accounting Software:</b> Need for Accounting Software, Types - Tally, SAP; Preparation of Vouchers, Invoice and Salary Statement; Maintenance of Inventory Records, Maintenance of Accounting Books and Financial Accounts; and Financial Report Generation.	

**Statements of Course Outcomes (COs)**

**By the end of the course, the student will be able to**

<b>CO-1</b>	Understand the basic concepts of E-Commerce
<b>CO-2</b>	Analyse the E-Business Models
<b>CO-3</b>	Understand Concepts like E-Marketing, E-Advertising, M-Commerce
<b>CO-4</b>	Understand the importance and application of E-CRM in their business.
<b>CO-5</b>	Obtain the practical knowledge of various smart cards, credit cards and digital signature.



<b>CO-6</b>	Understand the accounting software like tally, SAP and also preparation of vouchers.
-------------	--

### Subject – Quantitative Techniques for Managerial Decisions.

Unit	Course Inputs	Hours Allotted
I	<b>Linear Programming:</b> Introduction, Importance and Scope of Quantitative Techniques in Business Activities, Optimization Concept, Operations Research Models; Linear Programming - Introduction to Linear Programming, Problem Formulation, Product Mix and Managerial Applications, Graphical Method of Problem Solving, Alternate solution of Linear Programming Problems, Simplex Method, Duality in Linear Programming, Formulation of Dual Problems, Advantages, and Economic Interpretation of Dual Variables.	
II	<b>Transportation Models:</b> Introduction, Nature and Scope of Transportation and Allocation Models, Methods of Allocation, Different Methods for finding Initial Solution – VAM, N-W Corner Rule, and other Methods, Degeneracy, Finding Optimal Solution, Test for Optimality, Imbalance in Total Availability and Total Requirement, Impossible Shipments, Alternate Methods of Solutions, and Maximization as Objective Applications.	
III	<b>Assignment Problems:</b> Introduction, Row Minimum, Column Minimum, Iteration, Balanced, Unbalanced, Infeasible, Maximization, Objectives, Applications, and Travelling Salesman Problem.	
IV	<b>Replacement Models:</b> Machines Replacement Models, Replacement of Items Deteriorating with Time, Replacement of Items that fail completely; and Description of Application Areas to other Replacement Problems, and Equipment Renewal Problems.	
V	<b>Network Models:</b> PERT and CPM – Introduction, Techniques, Network Components, Precedence, Events, Activities, Errors and Dummies, Critical Path Analysis, Float, Probabilities in PERT Analysis, Project Time calculation, Project Crashing, Time, and Cost Considerations.	
VI	<b>Game Theory and Queuing Models:</b> Introduction, Assumptions of Game Theory, Two Person Zero Sum Games, Solution to Games, Saddle Point, Dominance Rule, Mixed Strategy, Graphical Method of Solving $(2 \times n)$ and $(m \times 2)$ Games, Importance and Limitations of Game Theory. Queuing Models: Introduction, Characteristics of Queuing Models, Models for Arrival and Service Times, Single Poison Arrival with Exponential Service Rate, and Applications of Queuing Models.	

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able to**

<b>CO-1</b>	Apply linear programming techniques in real life problems
-------------	---

<b>CO-2</b>	Understand how to solve transportation problems using appropriate method.
<b>CO-3</b>	Understand how to solve assignment problems using appropriate method.
<b>CO-4</b>	Apply simple problems of replacement and implement practical cases of decision making under different business environments.
<b>CO-5</b>	Apply the models of CPM and PERT to improve decision making and develop critical thinking and objective analysis of decision problems.
<b>CO-6</b>	Apply the tools and techniques of queuing theory service sector.

### Subject – Business Research Methodology

Unit	Course Inputs	Hours Allotted
I	<p><b>Introduction:</b> Meaning and Significance of Research; Approaches to Research  - Scientific and Non-scientific Approaches; Types of Research - Applied Research, Fundamental Research, Qualitative Research, Quantitative Research, <i>etc</i>; and Criteria for Good Research.</p> <p>Business Research: Research in Business; Qualities of a good Researcher; Researcher and Manager Relationship; Research Process; Business Research Request and Proposal; and Ethics in Business Research.</p>	
II	<p><b>Research Process and Research Design:</b> Pilot Survey; Formulation of Research Problem, Statement of Problem/s; Questionnaire Reliability and Validity Test; Scope of the Study; Generating Hypothesis; Testing Hypothesis; Analyzing and Conclusion, <i>etc</i>.</p> <p>Concept of Research Design - Classification of Research Design; and Criteria for Good Research Design.</p>	
III	<p><b>Collection of Data and Sampling:</b> Primary Data - Observation Method, Group Discussion, Interview Method, Questionnaire Method and Survey Method; and Secondary Data Collection.</p> <p>Sampling: Concept of Sampling; Steps in Sampling; Sampling Techniques - Probability and Non-probability Methods; Sampling Frame; Sampling Unit; Sample Size; and Sampling and Non-sampling Errors.</p>	
IV	<p><b>Measurement and Scaling:</b> Scaling and its Techniques - Paired Comparison Scale, Likert Scale, Semantic Differential Scale and Thurstone Scale; Measurement and its Techniques - Nominal Scale, Ordinal Scale, Interval Scale and Ratio Scale; and Characteristic of sound Measurement and Scaling</p>	
V	<p><b>Analysis and Presentation of Data:</b> Data Preparation and Description - Editing, Coding, Classification, Tabulation; Hypothesis Testing - Logic of Hypothesis Testing; Types of Hypothesis; Hypothesis Error; Measures of Central Tendency; Measures of Variation; Measures of Skewness; Statistical Testing Procedure; Types of Sample Tests; Types of Tests - Parametric Test-</p>	

	Z-Test, T-Test, Chi-Square Test, One Way ANOVA, Pearson's Correlation and Non-parametric Test - Chi-Square Test, Two Way ANOVA, Wilcoxon Test, Nann-Whitney Test, Friedman Test, Kruskal-Wallis Test and their Calculations; Factor Analysis; Regression Analysis; Cluster Analysis; and SPSS	
VI	<b>Research report:</b> Types of reports – formal and informal report writing; Criteria for good research report; Plagiarism; Target audience; pre research proposal; Progress report; final report; guidelines for effective report writing; research report format; Instruction Manuals; Ptre-size writing and Reorting; Final presentation of a report; and Practical case studies.	

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able to**

<b>CO-1</b>	Understand various kinds of research, objectives of doing research, approaches to the research, ethics in business research.
<b>CO-2</b>	Understand the preparation of questionnaire, generating hypothesis,
<b>CO-3</b>	Understand the concept of data collection and Sampling and also determination of sample size in research.
<b>CO-4</b>	Obtain a knowledge regarding various scaling techniques.
<b>CO-5</b>	Understand the concept of statistical tests and applying various statistical tests in the research
<b>CO-6</b>	Understand how to prepare research report and criteria for good research report.

### Subject – Indian Accounting Standards-I

Unit	Course Inputs	Hours Allotted
I	<b>Introduction:</b> Regulatory Framework in India; Companies Act, 2013; Development in Financial Reporting in India; and India and IFRS.	
II	<b>Conceptual Framework:</b> Ind AS - 8: Accounting Policies, Changes in Accounting Estimates and Errors; Ind AS - 10: Events after Reporting Period; and Ind AS - 33: Earnings per Share.	
III	<b>Valuation and Measurement of Assets:</b> Ind AS - 16: Property, Plant and Equipment; Ind AS - 38: Intangible Assets; Ind AS - 40: Investment Property; Ind AS - 2: Inventories; Ind AS - 20: Accounting for Government Grants; Ind AS - 23: Borrowing Costs; Ind AS - 105: Non-current Assets held for Sale and Discontinued Operations; and Ind AS – 36: Impairment of Assets.	
IV	<b>Valuation and Measurement of Liabilities:</b> Ind AS - 19: Employee Benefits; and Ind AS - 37: Provisions, and Contingent Liabilities and Contingent Assets.	
V	<b>Revenue and Expenses:</b> Ind AS - 18: Revenue; Ind AS - 11: Construction Contracts; and Ind AS - 21: The Effects of Changes in	

	Foreign Exchange Rates.	
VI	<b>Other Ind AS:</b> Ind AS – 104: Insurance Contracts; Ind AS - 106: Exploration for and Evaluation of Mineral Resources; Ind AS – 114: Regulatory Deferral Accounts; Ind AS – 29: Financial Reporting in Hyper-inflationary Economies; and Ind AS – 34: Interim financial Reporting.	

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able to**

<b>CO-1</b>	Understand the concept of why Indian Accounting standards are converged with IFRS and importance of IFRS in Accounting Practice
<b>CO-2</b>	Remember the conceptual Framework, and also have the knowledge regarding how to treat events arises after the reporting period and they are able to find out the Basic EPS and Diluted EPS.
<b>CO-3</b>	Understand the concept of Valuation and measurement of assets in accordance with Ind A S
<b>CO-4</b>	Obtain the knowledge of how companies are made liabilities valuation
<b>CO-5</b>	Understand the concept of valuation of revenue and expenses.
<b>CO-6</b>	Understand how to prepare books of accounts when functional currency faces hyperinflation.

### Subject –Derivative Market

Unit	Course Inputs	Hours Allotted
I	<b>Introduction:</b> Concept of Derivatives, Evolution of Derivatives, Emergence of Derivatives Market - Participants, Functions, and Development of Exchange Traded Derivatives, Exchange Traded Vs Over-The-Counter Derivatives, Types of Derivatives, Overview of Indian Derivatives Market and the Regulatory Framework of Derivatives Trading in India.	
II	<b>Forwards and Futures Market – Pricing, Trading and Settlement Mechanism:</b> Concept of Forward and Futures Contracts, Features, Forward and Futures Trading Mechanism, Forward Markets as forerunners of Futures Markets, Types of Futures Contracts, Major distinctions between Forwards and Futures Contracts, Theories of	

	Forward and Futures Pricing, Pricing of Forwards and Futures.	
III	<b>Options Market:</b> Concept of Option Contracts, Development of Options Markets, Types of Options – Call Option and Put Option, Premium, Exercise Price, Expiration Dates, Payoffs from Options, Open Interest, Moneyness of Options, Intrinsic Value and Time Value of Option, Styles of Options – European, American and Bermudian Options, and Difference between Futures and Options.	
IV	<b>Option Pricing:</b> Factors affecting Option Pricing, Put-Call Parity Relationship, Option Greeks, Option Pricing Models – Black-Scholes Option Pricing Model, Binomial Option Pricing Model,	
V	<b>Trading Strategies:</b> Basic Strategies, Spreads – Bull Spread with Call, Bull Spread with Put, Bear Spread with Call, Bear Spread with Put, Butterfly Spread, Box Spread, Combinations – Straddle, Strangle, Strips and Straps.	
VI	<b>Swaps and Other Derivatives:</b> Swaps – Interest Rate Swaps and Currency Swaps, Economic Motives for Swaps, Uses of Swaps to manage Risk; Warrants, Exotics, Weather, Energy and Insurance Derivatives, Uses of Derivatives in Risk Management and Critiques of Derivatives.	

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able to**

<b>CO-1</b>	Understand the concept of derivatives and evolution of derivatives. Structure of Indian Derivative Market.
<b>CO-2</b>	Understand the various derivative products such as future, options and swaps.
<b>CO-3</b>	Understand the types of options and various operations of options.
<b>CO-4</b>	Remember the different kinds of option pricing models.
<b>CO-5</b>	To understand the various trading strategies in derivative market.
<b>CO-6</b>	Understand various energy derivative products and their performance in Indian and global Markets.

### SEMESTER – IV M.Com Subject – Global Business Management

Unit	Course Inputs	Hours Allotted
I	<b>Introduction:</b> Global Business; International Business - Meaning, Scope, International Orientations, Motives for Internationalization of Firms, Environmental Factors influencing International Business, and Strategic Decisions in International Business.	

II	<b>International Trade Theories:</b> Theory of Mercantilism, Absolute Advantage Theory, Comparative Cost Advantage Theory, Hecksher-Ohlin Theory, New Product Life Cycle Theory, New Trade Theory, Porter's Diamond Model and Implications for International Business.	
III	<b>Foreign Direct Investment:</b> Theories of FDI, Benefits and Costs of FDI, Determinants of FDI, Laws and Regulations governing FDI in India, FDI in Indian Retail Sector, and Impact of FDI on Indian Economy.	
IV	<b>Strategies For International Business:</b> Profiting from Global Expansion, Global Expansion and Business Level Strategy, Pressures for Cost Reduction and Local Responsiveness; International Strategies - International, Multi- domestic, Global, and Transnational Strategies; Strategic alliances – Types of Competitive Strategic Alliances, and Advantages and Disadvantages of Strategic Alliances.	
V	<b>International Business and International Institutions:</b> WTO – Objectives of WTO, Structure of WTO, Fundamental Principles of WTO, Functions of WTO, India and WTO; IMF – Role of IMF in Balance of Payments and SDR, India and IMF; UNCTAD – Role of UNCTAD in Developing Countries, and India and UNCTAD.	
VI	<b>Regional Trade Blocs and Other Issues:</b> Concept of Regional Trade bloc, Purpose of Regional Trade Blocs, European Union, BRICS, SAARC, ASEAN, NAFTA, APEC, OAU and GCC. <b>Intellectual Property Rights:</b> Nature of Intellectual Property, TRIPs, Problems and Fears of Developing Nations regarding TRIPs, and International Characteristics of Intellectual Property.	

## Statements of Course Outcomes (COs)

**By the end of the course, the student will be able to**

<b>CO-1</b>	Understand the concept of international business with respect to foreign trade or international Business.
<b>CO-2</b>	Understand the various international trade theories and also their implications in business
<b>CO-3</b>	Obtain the practical knowledge laws and regulations governing FDI in India
<b>CO-4</b>	Understand the concept of strategic alliance and their merits and demerits.
<b>CO-5</b>	Obtain the practical knowledge and structure of various international Organizations like WTO, IMF.
<b>CO-6</b>	Understand the various regional trade blocs and their importance in International Business

### Subject – Entrepreneurship Development

Unit	Course Inputs	Hours Allotted
I	<p><b>Entrepreneurship and MSMEs:</b> Need, Scope, Entrepreneurial Competencies and Traits, Factors affecting Entrepreneurial Development, Entrepreneurial Motivation, Conceptual Model of Entrepreneurship, Entrepreneur Vs Intrapreneur, and Classification of Entrepreneurs.</p> <p>Micro, Small and Medium Enterprises (MSMEs): Meaning and Definitions of MSMEs, Features, Scope, Objectives, Relationship between Small and Large Units; Indian MSME Sector - Nature, Contribution to Economy, Problems and Government Schemes; and MSMEs Act, 2006.</p>	
II	<p><b>Entrepreneurial Development Programmes and Small Business:</b> Relevance and Achievements of EDPs, Role of Government in Organizing such Programmes, Women and Rural Entrepreneurs - Present Status in India, and Steps taken for their Promotion.</p> <p>Small Business: Concept and Definition, Role of Small Business in Modern Indian Economy, Small Entrepreneur in International Business, Steps for starting a Small Industry, Registration as SSI, Role of SIDBI, Advantages and Problems of SSIs, Institutional Support Mechanism in India, EDI, Incubation Centres, Incentives and Facilities, and Government Policies for SSIs.</p>	
III	<p><b>Project:</b> Definition, Characteristics, Types, Steps in identification of Projects, Project Life Cycle.</p> <p>Project Management - Meaning, Scope and Importance, Role of Project Manager.</p> <p>Project Appraisal - Preparation of a Real Time Project, Feasibility Report containing Technical Appraisal, Environment Appraisal, Market Appraisal and Managerial Appraisal.</p> <p>Project Identification - Environment for Business Opportunities, Idea Generation, Short Listing and Selection of Product/Service, Stages in Venture Appraisal, Factory Design and Layout, and Feasibility Report Preparation.</p>	
IV	<p><b>Project Planning:</b> Functions, Project Objectives and Policies, Identifying Strategic Project Variables; Statement of Work; Mile Stone Schedules Tools for Planning Hierarchy of Plans; and Forms of Project Organization</p>	
V	<p><b>Project Financing:</b> Project Cost Estimation and Working Capital Requirement, Sources of Fund, Preparation of Projected Income Statement, <i>etc</i>; Implementation of Projects - Graphic representation of Project Activities, Network Analysis, Management and Control of Projects, Project Scheduling, MIS in Project, Problems of Project Implementation, and Project Audit.</p>	

VI	<b>Project Management and Key Performance Indicators (KPIs):</b> Concept of KPIs, Nature, Scope, Functions, Objectives and Significance; Financial KPIs; Non-financial KPIs; Role of KPIs in MSMEs; Practices of Financial and Non- financial KPIs In MSMEs; Challenges for KPI Practices in MSMEs and ProjectManagement in MSMEs.	
----	--	--

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able to**

<b>CO-1</b>	Remember the differences between the entrepreneur and intrapreneur, have the ability to discern distinct entrepreneurial traits.
<b>CO-2</b>	Analyze the present status of women entrepreneur and also able to identify the steps taken by the government in order to promote them.
<b>CO-3</b>	Obtain the practical knowledge regarding role of project manager in completion of project.
<b>CO-4</b>	Obtain the practical knowledge formulation of plan and policies for project completion
<b>CO-5</b>	Evaluate the cost of project and working capital requirement.
<b>CO-6</b>	Analyze the different key performance indicators and also their significance.



### Subject – Strategic Management and Corporate Governance

Unit	Course Inputs	Hours Allotted
I	<b>Introduction:</b> Characteristics, Dimensions, Approaches to Strategic Decision Making, Level of Strategic Management, Strategic Management Process – Components of Strategic Management Model, Policy and Strategic Management, Strategic Management Vs Operational Management, and Strategic Role of Board of Directors and Top Management	
II	<b>Strategic Intent:</b> Concept of Mission and Vision, Constituents of Corporate Mission, Stakeholder – Goals and Corporate Mission; Objectives - Concept, Hierarchy and Importance of Objectives Setting, Goals and Objectives.	
III	<b>External and Internal Environmental Analysis:</b> Concept of Environment, Types and Importance; PEST Analysis; Analysis of Michael Porter's Five Forces Model, Strategic Groups and Preparation of ETOP Internal Analysis – Concept of Competitive Advantage, Generic Building Blocks, Core Competencies and Competitive Advantage – Resources and Capabilities; Internal Factor Analysis and Preparation of SAP.	
IV	<b>Strategy Formulation and Implementation:</b> Strategy Framework for Analyzing Competition – Porter's Value Chain Analysis, Competitive Advantage of a Firm, Formulation of Strategy at Corporate, Business and Functional Levels, Types of Strategies – Offensive Strategy, Defensive Strategy, Vertical Integration Strategy, Horizontal Strategy, Strategic Analysis and Choice, Strategy Implementation; Inter-Relationship between Formulation and Implementation.	
V	<b>Strategic Evaluation and Control:</b> Concept and Purpose of Strategic Evaluation and Analysis, Gap Analysis; Strategic Control System; RoI, Budgeting, Auditing Systems; Feedback and Information Systems.	
VI	<b>Corporate Governance:</b> Concepts of Corporate Governance, Origin and Need for Registered Companies, Importance, Models of Corporate Governance, Committees and Authorities on Corporate Governance – Recommendations of Cadbury Committee, Confederation of Indian Industries, Code of Corporate Governance, Kumaramangalam Birla Committee Recommendations, Board Committees – Audit Committee, Compensation Committee, Nomination Committee – Constitution and Need, Rights and Duties, Responsibilities, Business Ethics and Corporate Social Responsibilities.	

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able to**

<b>CO-1</b>	Understand the concept of Strategic Management and also the role of Board of Directors.
<b>CO-2</b>	Understand the difference between Vision and mission, objectives
<b>CO-3</b>	Understand the concept of PEST and ETOP analysis and why it is necessary in strategy formulation.
<b>CO-4</b>	Obtain the practical knowledge regarding the formulation and implementation of strategy.
<b>CO-5</b>	Evaluate the existing strategy.
<b>CO-6</b>	Understand the concept of corporate governance and its models and also the importance of business ethics.

**Subject – Global Business Finance**

<b>Unit</b>	<b>Course Inputs</b>	<b>Hours Allotted</b>
I	<p><b>International Financial Institutions and Markets:</b> An overview of Global Business Finance, Distinguishing Features, Objectives, Significance, Factors responsible for increased role of Global Business Finance, Challenges, Finance Function in the Global context, Global Finance Manager, Role of Global Finance Manager in MNCs, and Differences between Global Financial Management and Domestic Financial Management.</p> <p>International Financial Institutions and Markets: Origin, Objectives, Structure and Operation of – Bank for International Settlement (BIS), International Monetary Fund (IMF), World Bank Group - International Bank for Reconstruction and Development (IBRD), International Finance Corporation (IFC); International Development Agency (IDA), Multilateral Investment Guarantee Agency (MIGA) and International Conference for Settlement of Investment Disputes (ICSID), Development Banks, Euro Currency Markets, Euro Banking, Market for International Securities – International Bonds, Euro Notes and Euro Commercial Papers, and Medium Term Euro Notes.</p>	
II	<p><b>Foreign Exchange Market and Exchange Rate Determination:</b> Concept of Forex Market, Features and Structure of Forex Market, Functions and Role of Forex Market, Participants of Forex Market, Mechanics of Currency Trading, Foreign Exchange Market in India, Types of Transactions and Settlement Dates, Exchange Rate and Theories of Exchange Rate Determination, Factors influencing Exchange Rate, Determination of Exchange Rate in the Spot Market and Forward Market, Calculation of Outright Rate, Bid Price, Ask</p>	

	Price, Quotation, Types of Quotation, Currency Futures - Forward Contracts Vs Future Contracts, Arbitrage, Covered Interest Arbitrage, Hedging and Speculation.	
III	<b>Foreign Exchange Exposure and Risk:</b> Introduction, Nature of Exposure and Risk, Types of Foreign Exchange Exposures – Translation, Transaction and Economic Exposure, Management of Foreign Exchange Exposure Risk through Hedging – Internal and External Techniques; and Balance of Payment.	
IV	<b>Cost of Capital and Financial Structure of MNCs:</b> Introduction, Determination of Cost of Capital - Cost of Debt, Cost of Preference Shares, Cost of Equity Capital, Cost of Retained Earnings, Weighted Average Cost of Capital; Financial Structure of Multinational Groups, and Capital Structure for Foreign Subsidiaries.	
V	<b>International Capital Budgeting Decisions:</b> Introduction, Basic Concepts of International Capital Budgeting, Issues in Foreign Investment Analysis - Estimation of Cash Flows, Cost of Capital, and Portfolio Consideration of MNCs.	
VI	<b>Short-Term International Financial Management:</b> Introduction, International Cash Management in a Multinational Group, Management of Receivables and Inventory, and International Working Capital Management.	

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able to**

<b>CO-1</b>	Understand the concept of Global business finance and also they are able to understand the operations of various international financial institutions like IMF , IBRD, IFC and MIGA etc.,
<b>CO-2</b>	Understand the concept of Forex market and also they are able to explain the role and functions of forex market.
<b>CO-3</b>	Understand the Management of Foreign Exchange Exposure Risk through Hedging
<b>CO-4</b>	Evaluate the cost of capital of various sources like preference shares and debenture.
<b>CO-5</b>	Understand the international capital budgeting decisions.
<b>CO-6</b>	Understand the international Cash Management in MNC's

**I SEMESTER – BBA**  
**Subject: BM 103- BASICS OF ACCOUNTING**

UNIT	Content	Hours Allotted
I	<b>Introduction to Financial Accounting:</b> Meaning and definition of Accounting, Objectives, Users of Accounting Information, Limitation of Accounting, Accounting Principles:- Accounting concepts and Accounting conventions, Accounting standards, Meaning and Objectives - Accounting Standard-1	12
II	<b>Accounting Cycle:</b> Meaning - Process of Accounting- Kinds of Accounts - Rules of Double Entry - Journal -Ledger - Balancing of Accounts - Trial Balance.	14
III	<b>Subsidiary Books:</b> Meaning- Types of subsidiary books - Problems on Purchases Book - Sales Book and Three column cash book - Bank Reconciliation Statement - Meaning - Reasons for difference -problems on BRS (excluding over draft balance).	14
IV	<b>Final Accounts of Sole Trading Concern:</b> Meaning of Trading Account - Profit & Loss <i>A/c</i> - Balance sheet - Problems on Final accounts with adjustments - Manufacturing Account- Meaning & problems there on.	16
V	<b>Depreciation Accounting:</b> Meaning and Causes - Methods of charging depreciation - Problems on Fixed installment and Reducing Balance Methods.	8

**Statements of Course Outcomes (COs)**

**By the end of the course, the student will be able**

CO-1	To develop conceptual understanding of fundamentals of Accounting system
CO-2	To impart skills in accounting for various kinds of business transactions with rules.
CO-3	To acquire knowledge and develop understanding of preparation of subsidiary books
CO-4	To understand the preparation of final accounts.
CO-5	To gain the knowledge of various depreciation methods used and its accounting treatment.

**I SEM – BBA**  
**Subject – Market Behaviour and Cost Analysis**  
**Syllabus**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Market Forces</b> Demand-Meaning, Law of demand, Elasticity of demand, Nature of elasticity of demand, Determinants of elasticity of demand, Cost of advertisement & derived demand, Demand forecasting-Meaning & methods, Problems on trend projection by least squares method Problems on trend projection by least square method, Supply-Law of supply, Determinants of supply.	<b>12</b>
<b>II</b>	<b>Cost and profit planning</b> Cost- Meaning of short run costs, Long run costs, Fixed and variable costs, Explicit and implicit costs, Opportunity cost and incremental cost Total cost, average cost, Marginal cost behavior in short-run, Marginal cost behavior in long run, CVP analysis- BEP, BE chart, margin of safety, P/V ratio, profit planning, Make or buy decisions(including problems on alternative cost & sales), CVP analysis- BEP	<b>14</b>
<b>III</b>	<b>Pricing practices and strategies</b> Determinants of pricing policy, Pricing methods-marginal cost pricing, Target rate pricing, product line pricing, Administered pricing, competitive bidding, Dual pricing, transfer pricing, Price discrimination-requirements, Types and dumping strategies, Pricing over product life cycle-skimmed Price leadership	<b>12</b>
<b>IV</b>	<b>Cost of capital and capital budgeting</b> Meaning and types of capital, Specific cost of capital-debt, Preference shares and equity shares, Capital budgeting-Meaning & significance, Problems on payback period, Problems on NPV method	<b>12</b>
<b>V</b>	<b>Firms and decision</b> Objectives, Profit v/s wealth maximization dynamics, Decision making, Tactical v/s strategic decisions, Game theory, Linear programming problems	<b>14</b>

**Statements of Course Outcomes (COs)**

**By the end of the course, the student will be able**

<b>CO-1</b>	To define the key factors of demand and supply and demand and supply analysis.
<b>CO-2</b>	To explain different cost incurred in business and to make proper profit planning.
<b>CO-3</b>	To apply the various pricing practices in business and its calculations.
<b>CO-4</b>	To analyze the various methods of capital budgeting techniques.
<b>CO-5</b>	To assess the importance of profit and wealth maximization and business decision making.

**I SEMESTER – BBA**  
**Subject: BM 105: MANAGEMENT PROCESS**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Introduction to Management:</b> Meaning - Definition characteristics - Functions of management. Management v/s Administration. Management as science, or an art and profession - Taylors and Henry Fayal contribution to management.	<b>12</b>
<b>II</b>	<b>Planning:</b> Meaning and Significance - Types of plans -. Strategies, Objectives Policies and Procedures of Planning.	<b>14</b>
<b>III</b>	<b>Organizing:</b> Meaning and Definition - Principles of Organization- Formal and Informal organization- Types of organization - Authority and Responsibility, Delegation of Authority and Span of control.	<b>12</b>
<b>IV</b>	<b>Directing and Controlling:</b> Meaning, Importance and Principles of Directing. Need for control- features of effective controlling system- Modern management techniques. MBO, MBE, TQM and MIS.	<b>12</b>
<b>V</b>	<b>Recent Trends in Management:</b> Meaning and Objectives of Strategic Management, Stress Management, Knowledge Management.	<b>14</b>

**Statements of Course Outcomes (COs)**

**By the end of the course, the student will be able**

<b>CO-1</b>	To provide knowledge on concepts and principles of management.
<b>CO-2</b>	To better understanding of planning and decision making
<b>CO-3</b>	To give an idea about organization structure and different types of organization
<b>CO-4</b>	To give an idea about the modern management techniques
<b>CO-5</b>	To enable them to aware about leadership qualities and recent trends in management

**I SEM – BBA**  
**Subject – Business Prospectives**  
**Syllabus**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Introduction</b> – Meaning of Business – Characteristics – Objectives of Modern Business – Forms of Business Organizations (in brief) Company – Meaning – Features – Merits & Demerits – Qualities of good business man.	<b>12</b>
<b>II</b>	<b>Business Environment</b> – Business environment – Micro and Macro Environment Factors – Environment Analysis for business – Decision making – Meaning of business combination – Trade Association and Chamber of Commerce (Meaning and Objectives only).	<b>10</b>
<b>III</b>	<b>Impacts on Business</b> – Impact of social and cultural environment on Business – Social Responsibility & Corporate Governors – Legal Environment – Intellectual property Rights, Objectives, and Benefits & Impact of IPR in Developing Countries.	<b>14</b>
<b>IV</b>	<b>International Business</b> – International Business – Meaning and Nature – Theories of International trade – Economic theory – Globalization – Meaning – Definition – Factors & stages of market – Production – Merits and Demerits – Essential conditions for Globalization.	<b>14</b>
<b>V</b>	<b>Multinational Corporation and Financial Institutions</b> – Introduction – Multinational corporations & International Finance – Definitions of Global companies – Features – Objectives – Merits and Demerits – Forex market structure – Functions of World Bank and IMF.	<b>14</b>

**Statements of Course Outcomes (COs)**

**By the end of the course, the student will be able**

<b>CO-1</b>	To introduce the Students learn the importance of Characteristics of business and Qualities of good business man.
<b>CO-2</b>	To understand the different concepts of internal and external environment on business.
<b>CO-3</b>	To applies economic analysis in the formulation of business policies.
<b>CO-4</b>	To understanding the students uses the economic reasoning to problems of business.
<b>CO-5</b>	To appreciate key concepts from international business and multinational corporation.

**II SEMESTER – BBA**  
**Subject: BM 203: FINANCIAL ACCOUNTING**

UNIT	Content	Hours Allotted
I	<b>Consignment:</b> Meaning- common terms used - Account sale, Profanna Invoice- Commission- Delcredere & over riding commission- Difference between consignment and sale - Problems on consignment- Books of consignor and consignee- Cost and Invoice price method Valuation of unsold stock and Accounting for normal and abnormal losses	16
II	<b>Joint Venture:</b> Meaning - Differences between Joint venture and consignment - Joint venture & Partnership, Accounting when Separate books are kept and when no separate books are kept.	14
III	<b>Hire Purchase Accounting:</b> Meaning - Hire purchase <i>vis</i> sale - Calculation of cash price and Interest - Journal entries. And Ledger accounts in the books of Hire purchaser and Hire Vendor [excluding default and repossession]	16
IV	<b>Royalty Accounts:</b> Meaning - Technical terms- Royalty - Minimum Rent - Short workings - Recoupment of short working- Journal entries and Ledger accounts in the books of lessee and lessor excluding problems on sublease.	14
V	<b>Human Resource Accounting:</b> Meaning- Objectives- Methods- Advantages and Limitations - (theory only)	4

**Statements of Course Outcomes (COs)**

**By the end of the course, the student will be able**

CO-1	To make aware of the system of Hire Purchasing and accounting treatment for the same
CO-2	Enable the Students to gain knowledge of joint venture accounting treatment.
CO-3	To understand differences between hire purchases and sale and also accounting calculation of hire purchase system.
CO-4	To provide knowledge about the technique for preparing different accounts in royalties.
CO-5	Enable the Students to gain an idea about Human resource Accounting



## II SEM – BBA

### Subject – Financial Market Operations

UNIT	Content	Hours Allotted
I	<b>Indian Financial System</b> – Financial system – an overview – meaning- objectives – functions- chart showing structure of financial system – financial markets – financial intermediaries – financial institutions – financial services	12
II	<b>Regulatory Bodies</b> – RBI- objectives – functions – department – SEBI - objectives – functions – rights and duties - IRDA – introduction – objectives, AMFI - introduction – objectives	14
III	<b>Money Market</b> – meaning – objectives – features – scope – functions –players – money market instruments – sub markets of money market – drawbacks of money market	12
IV	<b>Capital Market</b> – functions – classifications – types of market instruments; Primary market – meaning – players – instruments – methods of flotation, secondary market; Introduction – functions – BSE - NSE	14
V	<b>Financial Intermediaries and Stock Exchange</b> – Meaning and functions of financial intermediaries, stock exchange; meaning – objectives – functions – dealers in Stock Exchange	12

### Statements of Course Outcomes (COs)

By the end of the course, the student will be able to

CO-1	To define the different components of a financial system and their role
CO-2	To explain the various Indian regulatory bodies
CO-3	To identify the instruments , participants and operations of money market
CO-4	To list the methods of issuing shares and the role of intermediaries in the capital market
CO-5	To evaluate the trading mechanism in the stock exchanges

**II SEMESTER – BBA**  
**Subject: BM 205: MARKETING MANAGEMENT**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Marketing Concept:</b> Concept - Nature - Scope- Importance of marketing Management, Marketing orientations, Functions of marketing- Marketing mix (7P's)	<b>10</b>
<b>II</b>	<b>Product Decision:</b> Concept of product, classification of product, product line - product mix; New product planning and development process- Product life cycle - why new product fails, Branding functions and types of branding labeling.	<b>14</b>
<b>III</b>	<b>Pricing Decision:</b> Concept of price, factors affecting' price determination, pricing policies, types of price.	<b>8</b>
<b>IV</b>	<b>Physical Distribution Decision:</b> Nature, Functions and types of channels of distribution. Channel intermediaries, channel management decisions, retailing and wholesaling	<b>10</b>
<b>V</b>	<b>Promotion Decision</b> Concept of promotion, Promotion mix, Advertising - personal selling - sales promotion, publicity- public relation, types of sales promotion	<b>12</b>
<b>VI</b>	<b>Consumer Behaviour:</b> Concept, factors Influencing in consumer buying behavior, AIDAS formula in Consumer adoption process,	<b>10</b>

**Statements of Course Outcomes (COs)**

**By the end of the course, the student will be able**

<b>CO-1</b>	To familiarize the basic concepts of Principles of Marketing.
<b>CO-2</b>	To discuss the concept of product planning, classification and product development in detail.
<b>CO-3</b>	To understand the decisions relating to fixing prices.
<b>CO-4</b>	To comprehend the concepts of channels of distribution & channel management
<b>CO-5</b>	To realize the varied methods of promotion in decision making
<b>CO-6</b>	To assess the factors influencing the consumer buying behaviour.

**II SEMESTER – BBA**  
**Subject: BM 206: SERVICES MANAGEMENT**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Introduction to Service Management</b> :meaning of services –concepts- characteristics of services-Classification of services-marketing mix in service industry-growth of service sector-service process-building customer loyalty managing the service sector.	<b>12</b>
<b>II</b>	<b>Banking and Insurance services</b> :Banking-introduction-traditional services- modern services-recent trends in banking services. Insurance-types of insurance-life insurance-product life insurance-general insurance-types of general insurance.	<b>12</b>
<b>III</b>	<b>Finance and marketing Services</b> : Financial services-meaning –features- importance-contribution of financial services in promoting industries-financial instruments –types- mutual funds-factoring –leasing-venture capital. Marketing services –meaning-features-importance-contribution of marketing services in promoting industries and impact on growth of economy customer service; Types of marketing services.	<b>15</b>
<b>IV</b>	<b>Health Care and Educational Services:</b> Hospitals- evolution of hospitals industry- Nature of services- risk involved in health care services- Marketing of medical services- Hospital extension services- Pharmacy, nursing medical transaction, Educational services- A brief insight into Indian Education System – Issues in Education- modern trend in education service.	<b>15</b>
<b>V</b>	<b>Tourism and Travel Services:</b> Introduction - Evolution of tourism industry- concept and nature of tourism- significance of tourism Industry- Market segmentation in tourism- marketing mix of tourism- recent trends in tourism and travel services.	<b>10</b>

**Statements of Course Outcomes (COs)**

**By the end of the course, the student will be able**

<b>CO-1</b>	To analyze a service organization's structure and the challenges.
<b>CO-2</b>	To Understand the major issues in banking and insurance service operations management.
<b>CO-3</b>	Able to identify options and then analyze them in decision making of finance and marketing service operation.
<b>CO-4</b>	Able to analyze the effectiveness of an existing system by applying analytical skills in the health care and Educational service.
<b>CO-5</b>	Able to critically evaluate a service business based upon the theories in Tourism industry.

**II SEM - BBA**  
**Subject – Production and Operations Management**

UNIT	Content	Hours Allotted
I	Introduction, meaning & definition, Classification, Objectives and scope of production and operation management, Automation – Introduction, meaning, definition, need, types, advantages & disadvantages.	12
II	Plant Location - Introduction, meaning, definition, factors affecting location, theory and practices, cost factor in location. Plant layout – Meaning, principles, space requirement, different types of facilities, organization of physical facilities, building, sanitation, lighting, air conditioning and safety.	12
III	Introduction, meaning, definition, Purchasing selection of suppliers, Inventory management, materials handling, principles & practices, economic consideration, criteria for selection of materials handling equipment, standardization, codifications, simplification inventory control, techniques of inventory control, value analysis, value engineering, human engineering, inter relationship of plant layout and material handlings.	14
IV	Objectives and concepts, capacity planning, corresponding production planning, controlling, scheduling routing, quality control, statistical quality control, quality management, control charts and operating, characteristics curves, acceptance sampling procedures, quality circle, meaning of ISO and TQM.	12
V	Introduction, meaning, objectives, types of maintenance, breakdown, space planning & control, preventive practice, relative advantage maintenance scheduling, equipment reliability and modern scientific maintenance methods, waste management, scope & surplus disposal, salvage & recovery.	14

**Statements of Course Outcomes (COs)**

**By the end of the course, the student will be able**

CO-1	To understand and analyze production and operation management and types of Production System.
CO-2	To analyze plant location; factors affecting locations and plant layouts.
CO-3	To understand, Use and Evaluate material handling and inventory management.
CO-4	To comprehend, Use and create Production planning, quality control.
CO-5	To know and use the importance of waste management and maintenance management.

**III Semester– BBA**  
**Subject – Corporate Accounting**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Final Accounts of Joint Stock Company:</b> Preparation of company final accounts in Vertical format.	16
<b>II</b>	<b>Banking Company Final Accounts:</b> Introduction to Banking Company, Important terms: Statutory reserve, Money at call & Short notice, Rebate on Bill Discounted, NPA & NBA, Problems on final accounts of Banking Company.	16
<b>III</b>	<b>Life Insurance Company Final Accounts:</b> Meaning of Life Insurance, Preparation of Final Accounts of Life Insurance Companies – Revenue Account and Balance Sheet, and Calculation of Profit by preparing Valuation Balance Sheet.	16
<b>IV</b>	<b>Insurance Claims:</b> Introduction to General Insurance Claims, Steps for ascertaining Insurance Claims, Problems on Fire Insurance Claims including Average Clause	10
<b>V</b>	<b>Social Responsibility Accounting:</b> Meaning and Definition, Features and Objectives of Social Responsibility Accounting (theory only).	6

**Statements of Course Outcomes (COs)**

**By the end of the course, the student will be able**

<b>CO-1</b>	To give an exposure to the company final accounts
<b>CO-2</b>	To make them aware about accounts of banking companies
<b>CO-3</b>	To keep them aware about accounts of life insurance companies
<b>CO-4</b>	To keep them aware about accounts of general insurance claims
<b>CO-5</b>	To enable the students to gain an idea about social responsibility accounting

### III SEM – BBA

#### Subject – Business Regulations

#### Syllabus

UNIT	Content	Hours Allotted
I	<b>Indian Contract Act of 1872:</b> Contract-Classification essentials: of valid contract. Discharge of contract Mode of discharge remedies for breach-of contract ., quasi contractual situations	20
II	<b>Special Contracts:</b> Contract of Indemnity, Guarantee, bailment and 'pledge	12
III	<b>Elements of Company Law 1956:</b> Meaning and features of a company - classification - Forming a Company, important documents- Memorandum and Articles Of Association. Prospectus misleading prospects and its consequences.	12
IV	<b>The sale of Goods Act 1930:</b> Definition of goods - essentials of contract of sale- sale vIs agreement to sale - conditions and warranties caveat emptor - unpaid seller- rights of unpaid seller - auction sale.	12
V	<b>Consumer Protection Act 1986:</b> Object of the Act Rights of consumer- Deficiency in service complaint- consumer protection councils consumer disputes, Redressal agencies.	8

#### Statements of Course outcomes (COs)

#### By the end of the course, the student will be able

CO-1	Identify the different types of Contracts and interpret the essentials of valid Contracts
CO-2	Apply the current Laws to evaluate the special contracts
CO-3	Explain the business concepts in the functional areas of Company Law
CO-4	Explain the concepts in business law with respect to The sale of Goods Act
CO-5	Integrate concept in business laws with functioning of Consumer Protection Act

**SEMESTER – III BBA**  
**Subject – Computer Application in Business**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	Definition, Characteristics of Computers, Classification of Computers: Digital, Analog, Hybrid, Mini, Micro, Mainframe/Super Computers, Block diagram of digital computer,. Personal Computer: Palm PC, Tablet PC, Note Book PC, Laptop, Applications of computers in Business and Office Environment and other areas.	<b>8</b>
<b>II</b>	Definition of computer system, Hardware and Software. Input and Output devices: keyboard, mouse, scanner, joystick, OMR, Barcode Reader, Modem, Printer - types of printers, WebCamera, Visual Display Units, LCD and LED. Types of software: System Software and Application Software. Operating System: Meaning and functions. Computer Memory: Main Memory/Primary Memory- RAM and ROM. Types of ROM, Cache Memory, and Secondary Memory- Hard disk, CD-ROM, DVDRW and Pen drive.	<b>12</b>
<b>III</b>	Features, Advantages, Basic Operations: Word Opening Screen Elements, Creating, Opening and Saving of Word Document. Formatting, Margin, Page setting, Undo-Redo, Spell Check, Alignment, Insert Table, Mail Merge, MS-Word Shortcut Keys, Toolbars: Formatting, Standard.	<b>16</b>
<b>IV</b>	Features, Advantages. Window Elements. Managing Workbooks-Create, Open, Save and Close. Managing Worksheets: Naming, Inserting, Moving, Coping and Deleting. Types of cell data, Entering Data, Inserting and Deleting cells, rows and columns. Basic Formulas. Practical in MSExcel sheets.	<b>16</b>
<b>V</b>	Start, end, open, format, edit, print, and save a presentation. Insert, format, and modify text, Select a design template, Create a title slide, Create a multi-level bulleted list slide, display & print in black and white, describe the speech recognition capabilities of PowerPoint, Add slides to and delete slides from a presentation.	<b>12</b>

**Statements of Course Outcomes (COs)**

**By the end of the course, the student will be able to**

<b>CO-1</b>	Bridge the fundamental concepts of computers with the present level of knowledge of the students.
<b>CO-2</b>	Familiarise operating systems, programming languages, peripheral devices, networking, multimedia and internet
<b>CO-3</b>	Understand binary, hexadecimal and octal number systems and their arithmetic.

<b>CO-4</b>	Understand how logic circuits and Boolean algebra forms as the basics of digital computer.
<b>CO-5</b>	Demonstrate the building up of Sequential and combinational logic from basic gates.
<b>CO-6</b>	Bridge the fundamental concepts of computers with the present level of knowledge of the students.

**SEMESTER – III BBA**  
**Subject –Banking and Operations Management**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	Introduction - Role' of Commercial banks ~ Functions - Primary and Secondary functions of commercial banks, Lending policies of commercial banks.	<b>8</b>
<b>II</b>	Banker and Customer- Meaning ~ Definition, Debtor and Creditor relationship- Banker Obligations to honour cheques- Scenery of customer account, Garnishee order - rights of a banker. Banker lien Right of set off appropriation of payments Jaw of limitations.	<b>12</b>
<b>III</b>	Types of Bank Accounts- Current Account and Saving Bank Account. Fixed Deposit Account- Features. Procedure and Practice of opening account conducting the operations of accounts- Particularly minors Joint Account Holder - Partnership firm - Joint - Stock company with limited liability - Executors transfers.	<b>12</b>
<b>IV</b>	Negotiable Instruments Act 1881- Meaning - Definition - Features - kinds of negotiable instruments Promissory Notes- Bills of exchange. Cheques- meaning - Definition- Crossing of cheque - types of crossing. Material alteration of cheque. Endorsement of cheque - meaning- essentials- kinds of, endorsement	<b>12</b>
<b>V</b>	Paying Banks- Meaning- Duties - responsibilities. Dishonor of cheque - consequences of wrongful dishonor of customer cheque. . Collecting Banker - Meaning-Duties and responsibilities of collecting banker- statutory protection to collecting banker. .	<b>10</b>
<b>VI</b>	Internet Banking- A.T.M Banking, Online. Banking- Core Banking-Home Banking -Debit and credit cards.	<b>10</b>



## Statements of Course Outcomes (COs)

**By the end of the course, the student will be able**

<b>CO-1</b>	To understand the concept of functioning of banks.
<b>CO-2</b>	To familiarize the roles and responsibilities of banker.
<b>CO-3</b>	To be aware of the different types of account can be opened in bank and the procedures involved in opening the accounts and deposit schemes.
<b>CO-4</b>	To know the different types of negotiable instruments available for a common man for investment.
<b>CO-5</b>	To be acquainted with the recent trends in banking sector.
<b>CO-6</b>	

### **III SEM – BBA** **Subject – Environmental Studies** **Syllabus 2018-19**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>The Multidisciplinary Nature of Environmental Studies</b> Definition, scope and importance Need for public awareness.	<b>2</b>
<b>II</b>	<b>Natural Resources:</b> Renewable and non-renewable resources: Natural resources and associated problems. <b>(a) Forest resources:</b> Use and over-exploitation, deforestation, Case Studies. Timber extraction, mining, dams and their effects on forests and tribal people. <b>(b) Water resources:</b> Use and over-utilization of surface and ground water, floods, drought, conflicts over water, dams-benefits and problems. <b>(c) Mineral resources:</b> Use and exploitation, environmental effects of extracting and using mineral resources, case studies. <b>(d) Food resources:</b> World food problems, changes caused by agriculture and over-grazing, effects of modern agriculture, fertilizer-pesticide problems, water logging, salinity, case studies. <b>(e) Energy resources:</b> Growing energy needs, renewable and non-renewable energy sources, use of alternate energy sources, Case studies. <b>(f) Land resources:</b> Land as a resource, land degradation, man induced landslides, soil erosion and desertification. Role of an individual in conservation of natural resources, Equitable use of resources for sustainable life styles.	<b>8</b>
<b>III</b>	<b>Ecosystems:</b> Concept of an ecosystem, Structure and function of an ecosystem, Producers, consumers and decomposers, Energy flow in the	<b>6</b>

	ecosystem, Ecological succession, Food chains, food webs and ecological pyramid, Introduction, types, characteristic features, structure and function of the following ecosystem : (a) Forest ecosystem (b) Grassland ecosystem (c) Desert ecosystem (d) Aquatic ecosystem (ponds, streams, lakes, rivers, oceans, Estuaries).	
<b>IV</b>	<b>Bio-diversity and its Conservation:</b> Introduction, Definition: genetic, species and ecosystem diversity, Biogeographically classification of India, Value of biodiversity: consumptive use, productive use, social, ethical, aesthetic and option values. Biodiversity at global, national and local levels, India as a mega-diversity nation, Hot-spots of biodiversity, and Threats to biodiversity: habitat loss, poaching of wildlife, man-wildlife conflicts, Endangered and endemic species of India, Conservation of biodiversity: In-situ and Ex-situ conservation of biodiversity.	<b>8</b>
<b>V</b>	<b>Environmental Pollution:</b> Definition, Causes, effects and control measures of : (a) Air pollution (b) Water pollution (c) Soil pollution (d) Marine pollution (e) Noise pollution (f ) Thermal pollution (g) Nuclear hazards, Solid waste management : Causes, effects and control measures of urban and industrial wastes, Role of an individual in prevention of pollution, Pollution case studies, Disaster management: floods, earthquake, cyclone and landslides.	<b>8</b>
<b>VI</b>	<b>Social Issues and the Environment:</b> From Unsustainable to Sustainable development, Urban problems related to energy, Water conservation, rain water harvesting, watershed management, Resettlement and rehabilitation of people: its problems and concerns, Case studies, Environmental ethics: Issues and possible solutions. Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust. Case studies, Wasteland reclamation, Consumerism and waste products, Environment Protection Act, Air (Prevention and Control of Pollution) Act, Water (Prevention and Control of Pollution) Act, Wildlife Protection Act, Forest Conservation Act, Issues involved in enforcement of environmental legislation, Public awareness.	<b>7</b>
<b>VII</b>	<b>Human Population and Environment:</b> Population growth, variation among nations, Population explosion. Family Welfare Programme, Environment and human health, Human Rights, Value Education, HIV/AIDS, Women and Child Welfare, Role of Information Technology in Environment and human health, Case Studies.	<b>6</b>
<b>VIII</b>	<b>Human Population and Environment:</b> Population growth, variation among nations, Population explosion. Family Welfare Programme, Environment and human health, Human Rights, Value Education, HIV/AIDS, Women and Child Welfare, Role of Information Technology in Environment and human health, Case Studies.	<b>6</b>

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able**

<b>CO-1</b>	To understand key concepts from economic, political, and social analysis as they pertain to the design and evaluation of environmental policies and institutions.
<b>CO-2</b>	To appreciate concepts and methods from ecological and physical sciences and their application in environmental problem solving.
<b>CO-3</b>	To appreciate the ethical, cross-cultural, and historical context of environmental issues and the links between human and natural systems.
<b>CO-4</b>	To reflect critically about their roles and identities as citizens, consumers and environmental actors in a complex, interconnected world.
<b>CO-5</b>	To understand core concepts and methods from ecological and physical sciences and their application in environmental problem-solving.
<b>CO-6</b>	To appreciate key concepts from economic, political, and social analysis as they pertain to the design and evaluation of environmental policies and institutions.
<b>CO-7</b>	To appreciate the ethical, cross-cultural, and historical context of environmental issues and the links between human and natural systems.
<b>CO-8</b>	To appreciate the ethical, cross-cultural, and historical context of environmental issues and the links between human and natural systems.
<b>CO-9</b>	To reflect critically about their roles and identities as citizens, consumers and environmental actors in a complex, interconnected world.

### **SEMESTER – IV BBA** **Subject –Human Resource Management**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	Meaning and Definition - Objectives - Scope and Functions of HRM. Role of human Resource manager	<b>12</b>
<b>II</b>	Objectives of management development - Techniques of management developments on the job techniques, under study method-off the job techniques, sensitive training - survey feed bank.	<b>14</b>
<b>III</b>	Objectives - Importance - Methods of training - Lecturer, case study role play, Business game, by ~uJpenns, simulation - designing programme.	<b>12</b>
<b>IV</b>	Importance - Objectives- methods a) traditional method b) Modern methods - Problems of performance appraisal. How to make performance appraisal a success. .	<b>12</b>

<b>V</b>	Employees for lease, moon light by employees, Dhal career graphics, human resource Accounting - emotional quotient the use of computer and the internet- objections against the treatment of people as asset.	<b>14</b>
----------	---	-----------

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able**

<b>CO-1</b>	To understand the basic concepts of HRM and the role of manager.
<b>CO-2</b>	To analyze the role of human resources in organizational development.
<b>CO-3</b>	To be aware about various techniques and training.
<b>CO-4</b>	To identify the various performance appraisal methods.
<b>CO-5</b>	To examine the current trends, practices and processes in HRM.

### SEMESTER – IV BBA Subject – Quantitative mathematics for Business Syllabus

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
I	Meaning- Natural numbers - Integers - Prime numbers - Composite numbers - Rational and irrational numbers - Real numbers, Simple problems on LCM and HCF.	4
II	Meaning, Laws and their applications for simplification. Logarithms - Uses of log table for multiplication, division, rising the power and roots of number.	8
III	Simple interest - Compound interest - Annuity (Present and Future value) - Discounting of bills, TD, BD, BG - Ratio, Proportion and variations, problems relating to speed. Time, Distance and Work completion.	15
IV	Meaning and types of matrices - Operations of Addition, Subtraction, Multiplication, Transpose and Inverse matrices - Determinants - Cramers rule with 2 unknown variables - Applications of matrices to solve business problems. 21	14
V	Meaning Types of equations - Simple linear equations and Simultaneous linear equation ( only two variables) Elimination and Substitution method only - Quadratic equations, Factorization and Sridharacharya's formula method	15

VI	Arithmetic progression - Finding the $n^{\text{th}}$ term of an AP and sum of $n^{\text{th}}$ term of AP - Geometric progression - Finding $n^{\text{th}}$ term of GP and sum of $n^{\text{th}}$ term of GP - Arithmetic mean and geometric mean	8
----	--	---

#### Statements of Course Outcomes (COs)

By the end of the course, the student will be able

CO-1	To understand the basic concepts of Mathematics.
CO-2	To solve problems on Indices.
CO-3	To apply the Commercial Mathematics.
CO-4	To compute the various types of Matrices.
CO-5	To identify and analyze the various Equations.
CO-6	To examine the various techniques of Progression.

#### IV SEM – BBA Subject – Insurance Management

UNIT	Content	Hours Allotted
I	<b>Introduction to Insurance:</b> Origin, evolution and meaning and definition of insurance. History of insurance, Rights and responsibilities of insurer and insured, classification of insurance – Principles of insurance, essentials of valid insurance.	12
II	<b>Life Insurance Contract:</b> Meaning, definition types of life insurance policies and products of life insurance	10
III	<b>General Insurance:</b> Meaning – Principles – differences between life insurance and general insurance, Fire Insurance – types of fire insurance Policies – Marine insurance – Types of marine insurance policies.	10
IV	<b>Insurance Regulatory and Development Authority:</b> Origin and development functions – governing principles of IRDA – Recommendations of different committees	10
V	<b>Concept of Risk:</b> Definition, Nature of risk management risk, features – objectives – identification, methods of handling risk, prevention of risk – Risk Management Information System	12
VI	<b>Miscellaneous Insurance:</b> Motor vehicle insurance medical insurance, burglary insurance, live stock insurance, personal accident insurance, crop insurance, credit guarantee corporation	10

**Statements of Course Outcomes (COs)**  
**By the end of the course, the student will be able**

<b>CO-1</b>	To make the students understand the various types of insurance and principles of insurance
<b>CO-2</b>	To demonstrate knowledge of insurance contracts and provisions, and the features of property – liability insurance, life and health insurance and employee benefit plans
<b>CO-3</b>	To develop skills to facilitate insurance product cost and pricing, marketing and distribution
<b>CO-4</b>	To examine the role of public policy including social insurance in personal financial planning and risk management
<b>CO-5</b>	To develop practical skills through professional development seminars or a practicum's in insurance and risk management

**IV Semester - BBA**

**Subject – Financial Management**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Financial Management:</b> introduction, Meaning & Definition, Scope and Functions, Objectives of Financial Management. Time Value of Money: meaning & definition, Problems on Present Value of future Money & Future value of present money	10
<b>II</b>	<b>Financing Decisions:</b> Sources of Financing: Short term and Long term, Capital Structure: Meaning, Factors influencing capital structure, Leverages: Operating, Financial and Combined Leverages, Earnings per Share - Problems on Leverages and EPS	15
<b>III</b>	<b>Cost of Capital:</b> Meaning and definition, Cost of Debt- Irredeemable & Redeemable, Cost of Preference- Irredeemable & Redeemable shares, Cost of Equity-Dividend yield, earning yield and dividend yield plus growth methods, Cost of Retained Earnings, Weighted Average Cost of Capital [WACC]Problems on all these methods	10
<b>IV</b>	<b>Investment Decisions:</b> Meaning and Importance of Capital Budgeting Investment Evaluation Techniques- Payback Period method, Accounting Rate of Return, Net Present Value, Profitability Index and Internal Rate of Return Method Problems on all these Capital Budgeting Techniques	15
<b>V</b>	<b>Working Capital Management:</b> Meaning, concepts and Types of Working Capital. Factors affecting Working Capital, Working Capital (Operating	10

	Cycle) Cycle. Problems on Estimation of Working Capital Requirement [Current Assets& Current Liabilities Method]	
<b>VI</b>	<b>Dividend Decisions:</b> Meaning of Dividend, Forms of Dividends, & Types of Dividend Policy, Determinates of Dividend Policy, Walter's Model of Dividend Policy	04

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able**

<b>CO-1</b>	To provide introduction to Financial Management and Time Value of Money
<b>CO-2</b>	To create an awareness about Sources of Finance, capital structure and Leverages
<b>CO-3</b>	To make them understand the cost of capital in wide aspects
<b>CO-4</b>	To enable them to understand Capital Budgeting and various Investment Evaluation Techniques
<b>CO-5</b>	To enable them to understand working capital management
<b>CO-6</b>	To provide knowledge about dividend policies and various dividend models

### **SEMESTER – IV BBA** **Subject – Indian Constitution**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Framing of the Constitution and Major Features:</b> Constituent Assembly at Work, Preamble and Salient Features, Citizenship, Fundamental Rights, Directive Principles of State Policy, and Fundamental Duties.	<b>14</b>
<b>II</b>	<b>Union and State Legislatures:</b> Composition, Powers and Functions; Presiding Officers, Law Making Process, Committees of Parliament, Decline of Legislatures, and Reforms.	<b>16</b>
<b>III</b>	<b>Union and State Executive:</b> President and Vice-President – Elections, Powers and Functions; Prime Minister and Council of Ministers – Powers and Functions; Governor, Chief Minister and Council of Ministers – Powers and Functions; and Debate over Parliamentary and Presidential Forms of Government.	<b>16</b>

<b>IV</b>	<b>Judiciary:</b> Supreme Court and High Courts – Composition, Jurisdiction and Functions; and Judicial Activism.	<b>14</b>
-----------	---	-----------

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able**

<b>CO-1</b>	To Recall the structure of constitution, to list the fundamental rights, features Fundamental duties and Preamble and directive principles of Constitution
<b>CO-2</b>	To Illustrate the powers and functions of various committees framed by Indian constitution.
<b>CO-3</b>	To Identify the organizational structure of Indian constitution, the roles and functions of ministerial committees
<b>CO-4</b>	To Distinguish the roles, powers and functions of Judiciary.

### V SEM – BBA

### Subject – Cost Accounting

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Introduction:</b> Meaning and Definition of cost, costing , Cost Accounting and Cost Accountancy - Objectives of costing - Advantages of costing - Comparison between Financial accounting and Cost accounting - Cost concepts - Classification of cost - Cost unit - Cost center - Elements of cost - Preparation of cost 'sheet - Tenders, Quotations, Estimates.	18
<b>II</b>	<b>Material:</b> Meaning - types- Direct material ~ Indirect material - Material control - Purchasing procedure - Setting of stock levels - Store keeping - Techniques of Inventory control - EOQ - ABC analysis, VED analysis - Just in time - Perpetual Inventory system- Documents used in material accounting - Methods of pricing. Material issues- FIFO - LIFO - weighted average price and simple average price methods.	12
<b>III</b>	<b>Labour Cost Control:</b> Meaning and Definition - Types, Direct labour - Indirect labour - Time keeping - Time booking, Idle time - Over time - Labour turnover causes, Remedies methods and labour remuneration - Time rate system - Price rate system - Incentive system- Halsey plan - Rowan plan - Taylor's differential piece rate system and Problems - Preparation of labour cost sheet.	12
<b>IV</b>	<b>Overheads:</b> Meaning and definition - Classification of overhead - Procedure for accounting - Control of overheads - Allocation of overheads - Apportionment of overhead - Absorption Factory overheads - Methods of Absorption- calculation of Machine Hour rate [Simple problems relating to single. Machine]	8
<b>V</b>	<b>Method of Costing:</b> Process costing (excluding joint products, joint costs, Inter process profits and equivalent units) Contract costing - simple problems (including estimated contract account)	14



### Statements of Course outcomes (COs)

**By the end of the course, the student will be able**

<b>CO-1</b>	Understand the concept of cost accounting and to expose to a broad range of cost accounting concepts and their terminology.
<b>CO-2</b>	To facilitate the idea and meaning of material control with different methods and to know the methods of calculating stock consumption
<b>CO-3</b>	Develop the knowledge about remuneration and incentives plans
<b>CO-4</b>	Understand the concept of overhead cost and to understand the classification of overheads & methods of absorption
<b>CO-5</b>	Define the process to compute total cost of a product belong to various production processes and calculate total cost of a contract assigned.

### **SEMESTER – V BBA** **Subject – Techniques for Business Decisions I**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
I	Functions and scope of Business statistics - Features and limitation of statistics - Distrust of statistics.	8
II	Classification - Meaning and types of classification - Problem on frequency distribution table, Tabulation - Meaning - Rules and parts of a statistical table - Problems on tabulation.	10
III	Meaning- objectives - Features of an ideal average - Types of average - Computation of simple Arithmetic Mean, Median and Mode Geometric Means and Harmonic Mean for individual series only.	16
IV	Meaning and types- range- Quartile deviation, Standard deviation, co-efficient of variation of each methods. (excluding combined of correlated deviation)	12
V	Meaning, types of skewness, methods - problems on Karl Pearson's co-efficient of skewness, Bowley's co-efficient of skewness.	8
VI	Meaning and uses - types of diagram, simple, subdivided, multiple, pie	10

	diagram, rectangle, and graphs of frequency distribution - Histogram-locations mode- ogives.	
--	--	--

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able**

<b>CO-1</b>	To enable the students to understand about the statistics
<b>CO-2</b>	To keep them aware about the concept of Data, methods for collection of data, classification of and preparation of tabulation.
<b>CO-3</b>	To make familiarize the students about exposure on calculation of measures of average and to solve problems on Mean, Median and Mode.
<b>CO-4</b>	To keep them aware about Obtain the solutions of Measures of Dispersion
<b>CO-5</b>	To keep them aware about Skewness and measure of skewness
<b>CO-6</b>	To keep them aware about the concept of Data, methods for collection of data, classification of and preparation of tabulation, graphs, histogram and ogive curves.

### V SEM - BBA

#### Subject – Small Business Management

UNIT	Content	Hours Allotted
<b>I</b>	<b>Introduction</b> – meaning and definition of Entrepreneur and Entrepreneurship, characteristics of Entrepreneurs, types of Entrepreneurs, role of Entrepreneurship in economic development, intrapreneur v/s Entrepreneur, manager v/s Entrepreneur	12
<b>II</b>	<b>Rural and Women Entrepreneurship</b> – Meaning of woman Entrepreneurs, factors influencing woman Entrepreneurs, problems of woman Entrepreneurs, problems of woman Entrepreneurs and remedial measures, development of woman Entrepreneurs and woman Entrepreneurship, support to woman Entrepreneurs, rural Entrepreneurs – definition, strategies for development of rural Entrepreneurship	10
<b>III</b>	<b>Entrepreneur Development Programmes</b> - meaning and definition of Entrepreneur Development Programmes, objectives, need for training and development, phases of Entrepreneur Development Programmes	10
<b>IV</b>	<b>Project Identification and Formulation</b> – meaning of Project report and its significance, contents, Project identification, formulation of Project report, general format of a Project report	10
<b>V</b>	<b>Small Scale Industries</b> - meaning and definition, role of Small Scale Industries in the economy, objectives and characteristics of Small Scale Industries, , role of government in promoting Small Scale Industries	12

<b>VI</b>	<b>Problems of Small Scale Industries</b> - Small Scale Industries and Financial Institutions in the development of SSI – SFC, SIDBI, IFCI ( causes and remedies , sickness in Small Scale Industries, symptoms, reasons for sickness and remedial measures)	10
-----------	--	----

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able**

<b>CO-1</b>	To recall the role and importance of Entrepreneurs
<b>CO-2</b>	To outline the need for women and rural entrepreneurship
<b>CO-3</b>	To identify the various entrepreneur development programmes
<b>CO-4</b>	To analyze the process of project identification and formulation
<b>CO-5</b>	To explain the importance of small scale industries
<b>CO-6</b>	To discuss the problems faced by small scale industries

## V SEM - BBA

### Subject – Business Taxation I

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	Income Tax Act-Basic Concepts-Agricultural Income-Casual Income- Assessee - Assessment year-Previous Year-person-Gross Total Income- Total Income	08
<b>II</b>	Residential Status of Individual and Incidence of Tax (Theory and Problems)	12
<b>III</b>	Tax Free Income U/S10	2
<b>IV</b>	Heads of Income-All heads to be mentioned, theory and Problems on Salary Head including Retirement Benefits.	26
<b>V</b>	Deductions from Gross Total Income u/s80 relating to individuals u/s 80C, 80CCC, 80CCD, 80D, 80DD, 80DDB, 80E, 80G and 80U (Problems on	12

	80C and 80G only)	
<b>VI</b>	Income Tax Authorities in India-Appointment of Income Tax Authorities and their powers.	4

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able**

<b>CO-1</b>	To define the basic concepts of Income Tax to be able to solve problems.
<b>CO-2</b>	To Illustrate and ascertain the Residential Status of a person and to calculate tax liability based on his Residential Status.
<b>CO-3</b>	To Identify various Tax Free/Exempted income while calculating tax liability.
<b>CO-4</b>	To Classify different heads of Income and to distinguish the salary head including calculation of salary income and retirement benefits.
<b>CO-5</b>	To Explain the different deductions under different sections and its calculation.
<b>CO-6</b>	To discuss how the appointment and powers of Income Tax Authorities takes place.

### **SEMESTER – V BBA** **Subject – Business Research Methods**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Unit-I: Introduction to Research:</b> Meaning - Objectives - Types of 'research - Scope of research - Research Approaches - Research Process, Research Design, Research Methods Vs Research methodology - Steps in research - Problem' Formulation - Statement' of research objective Exploratory - Descriptive - Experimental research.	16
<b>II</b>	<b>Unit-2: Methods of Data Collection:</b> Observational and survey methods - Field work plan - Administration of surveys – Training field investigators - Sampling methods - Sample size.	16
<b>III</b>	<b>Unit-3: Tools for Collection of Data:</b> Questionnaire design; Attitude measurement techniques - Motivational Research Techniques - Selection of Appropriate - Statistical techniques.	14

<b>IV</b>	<b>Unit-4: Statistical Methods:</b> Tabulation of data - Analysis of data - Drawing testing of Hypothesis (theory only) – Advanced techniques - ANOVA - Discriminate Analysis - Factor analysis, Conjoint analysis - Multidimensional Scaling - Cluster Analysis (concepts only)	10
<b>V</b>	<b>Unit-5: Report Writing:</b> Types of Reports, Business, Technical and Academic report writing - Methodology procedure- Contents - Bibliography.	08

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able**

<b>CO-1</b>	To understand the basic concepts of research and the steps involved in it.
<b>CO-2</b>	To apply the various methods of data collection and determining the sample size.
<b>CO-3</b>	To have basic awareness about the tools used in data collection.
<b>CO-4</b>	To comprehend the various tests used for testing of hypothesis and to infer results.
<b>CO-5</b>	To familiarize the styles of writing research report and the contents involved in it.

### SEMESTER – V BBA Subject – Advance Financial Management

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
I	Introduction, Net Income Approach, Net operating Income Approach, Modigliani and Miller Approach, Arbitrage process, Traditional Approach (problems on capital Structure)	12
II	Project selection under capital rationing; Inflation and capital budgeting; Risk in investment Decisions: Concept of certainty, Risk and uncertainty, Measurement of risk, Risk analysis approaches (Problems on capital rationing, decision under inflation, risk adjusted discount Rate Approach)	16
III	Motives for holding cash, Cash planning, Cash forecasting and Budgeting - Preparation of cash budget (Problems)	8
IV	Nature of inventories, Need to hold Inventories, Objectives of Inventory management, Inventory Management techniques. (Problems on EOQ)	8

V	Goals and problems of Receivable Management, Formulating suitable credit policy, Designing collection policy. (problems on Credit policy)	8
VI	Walter's Model, Gordon Model and MM's hypothesis (theory and problems)	12

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able**

<b>CO-1</b>	To identify the various capital structure theories.
<b>CO-2</b>	To analyze the capital budgeting techniques used to determine the selection of projects.
<b>CO-3</b>	To understand the process of computing the cash management techniques.
<b>CO-4</b>	To understanding the techniques involved in inventory management.
<b>CO-5</b>	To determine the concept of formulating of account receivables techniques.
<b>CO-6</b>	To comprehend the concepts of various theories of dividend decisions and methods of computing the dividend policy.

## SEMESTER – V BBA

### Subject – Corporate Financial Policy

UNIT	Content	Hours Allotted
<b>I</b>	Mergers in the nature of acquisitions and amalgamations, types of merger - Motives behind mergers - Theories of mergers - Operating, Financial and managerial synergy of mergers - Value creation in horizontal, vertical and conglomerate mergers - internal and external change forces contributing to M & A activities	<b>10</b>
<b>II</b>	A strategic perspective - industry life cycle and product life cycle analysis in M & A decision, strategic approaches to M & A - SWOT analysis, BCG matrix, Porter's Five forces model.	<b>10</b>
<b>III</b>	Merger process: Dynamics of M & A process - identification of targets negotiation ., closing the deal. Five stage model- due diligence	<b>10</b>
<b>IV</b>	Takeovers, types, hostile takeover approaches, takeover defenses - Financial defensive measures - coercive offers and defense - anti takeover amendments - poison pill.defense	<b>6</b>
<b>V</b>	FS - Meaning - Definition - Importance - Essentials, Merchant Banking; Definition - roles, venture Capital eVC) F~ - Steps in VC financing, Factoring; Definition - Steps - Mechanism - types, Lease Financing; Procedure of lease	<b>16</b>

	contract - types of leasing - Modes of termination of leasing.	
<b>VI</b>	Meaning & Definition of MF Importance- Classification, Credit rating Objectives Agencies (CARE, CRISIL, IICRA, DCRI) Rating Methodology	<b>12</b>

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able**

<b>CO-1</b>	To understand the basics of Mergers
<b>CO-2</b>	To analyze the various perspectives of Mergers and Amalgamations.
<b>CO-3</b>	To have a knowledge about the merger process.
<b>CO-4</b>	To develop comprehensive understanding of takeovers.
<b>CO-5</b>	To be aware of the various financial services.
<b>CO-6</b>	To analyze the concept of credit rating.

### **VI SEM - BBA** **Subject – Management Accounting**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	Meaning, Definition of Management Accounting, Nature of management accounting, Functions of management accounting, Uses and limitation of management accounting, Difference between Management accounting and Financial Accounting, Difference between Management Accounting and Cost Accounting.	<b>10</b>
<b>II</b>	Meaning and types of financial statement analysis, Technique of financial statement analysis, Common size analysis, Comparative analysis, Trend analysis.	<b>10</b>
<b>III</b>	Meaning of ratio analysis, Significance and limitation, Liquid ratios, Turnover ratios, Profitability ratios.	<b>16</b>
<b>IV</b>	Meaning of funds, fund flow statement and cash flow statement, Managerial uses and limitations of fund flow statement, Preparation of fund flow statement, Cash flow statement – meaning, uses and limitations, Fund flow vs cash flow statements.	<b>16</b>

<b>V</b>	Meaning of budget, Budgeting and budgetary control, Significance and limitation and classification of budgets, Flexible budget, Sales budgets.	<b>12</b>
----------	--	-----------

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able**

<b>CO-1</b>	To identify, describe and apply management accounting and its objectives in facilitating decision making.
<b>CO-2</b>	To understand, apply, analyze and prepare different types of financial activity based management tools and techniques to the preparation and presentation of financial performance.
<b>CO-3</b>	To understand and analyze various accounting ratios, reports and relevant data.
<b>CO-4</b>	To prepare Funds Flow statements this helps in planning for intermediate and long-term finances.
<b>CO-5</b>	To prepare a master budget and demonstrate an understanding of the relationship between the components.

## VI Semester– BBA

### Subject – Techniques for Business Decisions - II

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Correlation Analysis:</b> Meaning, Methods of studying Correlation, Karl Pearson's Co-efficient of Correlation (Simple Correlation and Correlation for Grouped Data), and Probable Error.	<b>12</b>
<b>II</b>	<b>Regression Analysis:</b> Meaning, Correlation vs Regression, Determination of Regression Co-efficient, Framing Regression Equations, Simple Regression and Regression for Grouped Data.	<b>12</b>
<b>III</b>	<b>Index Numbers:</b> Meaning, Steps in construction of Index Numbers, Limitations, Types, Unweighted Simple Aggregate Index Number, Simple Price Relative Method, Weighted Index Numbers – Laspeyer's, Paasche's, Bowley's and Fisher's Ideal Index Numbers, Tests of Adequacy – TRT and	<b>14</b>



	FRT Cost of Living Index Numbers – Aggregate Expenditure and Family Budget Method.	
<b>IV</b>	<b>Statistical Quality Control:</b> Meaning, Objectives, Control Charts and their Uses, Types of Control Charts, Construction of Mean and Range Charts.	<b>08</b>
<b>V</b>	<b>Interpolation and Extrapolation:</b> Meaning, Utility, Algebraic Methods - Binomial and Newton's Methods only.	<b>08</b>
<b>VI</b>	<b>Chi-Square Test:</b> Meaning, definition and Nature, Assumptions Degree of freedom, Problems on Test for goodness fit- Yule's Method.	<b>10</b>

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able**

<b>CO-1</b>	Understand and Analyze Correlation analysis. Predict values and extent of relationship between variables using Karl Person's co-efficient of Correlation and its probable error.
<b>CO-2</b>	To make them aware about Regression Co-efficient, Regression Line, Equations and Predict values co-efficient of Correlation using bxy and byx.
<b>CO-3</b>	To enable, Understand and Keep them aware about index number, consistency test and cost of living index numbers.
<b>CO-4</b>	To enable them to understand and Construction of Mean and Range Charts.
<b>CO-5</b>	To enable, Understand and Keep them aware about Interpolation and Extrapolation: Predict values using - Binomial and Newton's Methods.
	To enable them to understand Association of Attributes Association – Yule's Method
<b>CO-6</b>	To enable them to understand Chi-Square Test- Degree of freedom, Problems on Test for goodness fit Yule's Method.

**VI SEM – BBA**  
**Subject – Business Taxation II**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
I	<b>Income from House Property:</b> Basis of charge - deemed owners - Excepted incomes from house property - Annual value - Determination of Annual value a) Self occupied b) Set out deductions from annual value - Unrealized rent - Problems on Income from house property.	14
II	<b>Profit and Gains of Business or Profession:</b> Meaning and Definition, Profession - Expenses expressly allowed - Expenses expressly disallowed - problems on business relating to sole trader only and problems on profession relating to chartered accountant, Advocate, and Doctor	18
III	<b>Capital Gains:</b> Meaning of capital assets - Types of capital assets and gains. Transfer, Exempted capital gains <i>U/s</i> 54, 54B, 54D, and 54F - computation of capital gains with exemption D/s 54 and 54F only	12
IV	<b>Income from Other Sources:</b> Specific and general Income - Problems on income from other sources - set off and carry forward of losses [Theory only]	12
V	<b>Computation of Total Income and Tax Liability of Individual</b>	8

**Statements of Course Outcomes (COs)**

**By the end of the course, the student will be able**

<b>CO-1</b>	To utilize the definitions of the various components of income tax law.
<b>CO-2</b>	To apply basic tax concepts to simple fact situations and communicate potential income tax ramifications in writing and orally
<b>CO-3</b>	To apply an understanding of the income from house property and business and profession
<b>CO-4</b>	To analyze the types of capital gain
<b>CO-5</b>	To know the importance of income from other sources
<b>CO-6</b>	To discuss regarding theory and problems of Total income and tax liability of individual

**VI SEM – BBA**

**Subject – Organizational Behavior**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Introduction to Organizational Behavior:</b> Meaning - definitions - Nature & scope of organizational behavior - need for study - contributing disciplines to organizational behavior. Models of organizational behavior - challenges for organizational behavior. Organization structure - meaning - Need and elements - Forms of Organizational structure. Organizational goals - Nature and determinants of goals.	<b>12</b>
<b>II</b>	<b>Organizational Culture and Change:</b> Meaning of Organizational culture - Types of culture - Learning culture - Meaning of Organizational change - Reasons for change - Resistance to change - Managing the change Organizational Effectiveness - Meaning approaches.	<b>14</b>
<b>III</b>	<b>Foundation of Individual Behavior:</b> Individual and individual differences - Factors - models of man - personality - Meaning - Determinates and theories of personality - perception process - factors affecting perception.	<b>14</b>
<b>IV</b>	<b>Group Dynamics:</b> Meaning - Types of group - Why do people join group? Stages of group development. Group behavior- Group norms and Group cohesion - Learning - Meaning - Definition determinants of learning - Theories of learning.	<b>12</b>
<b>V</b>	<b>Motivation:</b> Meaning - Positive and Negative motivation. Theories of Motivation Maslow's need theory, Theory x and Theory Y - Morale - Meaning - Factors affecting morale.	<b>12</b>

**Statements of Course outcomes (COs)**

**By the end of the course, the student will be able**

<b>CO-1</b>	Understand the history of organizational behavior and to equip the students with the basic idea and introduction on organizational behavior as a concept.
<b>CO-2</b>	To list types of culture and to define organizational change.
<b>CO-3</b>	To know the individual process in organization such as learning, perception, Attribution, individual differences and motivation
<b>CO-4</b>	To understand the group process, performance appraisal, personality and attitudes
<b>CO-5</b>	To give a light on the concept and difference theories on motivation

**VI SEM - BBA****Subject – Investment and Portfolio Management**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	Introduction to Investment management – Meaning of investment-Speculation, Gambling- objectives of investment-Investment related information, Investment alternatives, Types of shares, concepts of risk and return – types of risks-problems on measurement of risk.	12
<b>II</b>	Security Analysis-Fundamental Analysis – economic – Industry -Company Analysis Framework, technical Analysis, Basic Principles - Dow theory, Trends and Reversals-chart patterns and market indicators and efficient Market (EM) theory, -EMH –forms of efficient efficiency Run Test (problems)	14
<b>III</b>	Portfolio Management- Meaning-Phases of PM-Roles, Problems on Expected return and risk of portfolio, reduction of risk through diversification, measuring risk and return under single index model, and multi Index Model, Markowitz Model(Problems)	12
<b>IV</b>	Capital Asset Pricing Model-Meaning-Assumptions-Calculation of Expected return and risk using CAPM, CML and SML-Assessing the overpriced and under price securities, Arbitrage pricing theory, Assumptions and limitations(Problems)	12
<b>V</b>	Portfolio Revisions and Evaluation-Portfolio revision, meaning-Need, constraints, Portfolio Evaluation, Meaning-need evaluation perspective-problems on Sharpe ratio (reward to variability), Treynor ratio (Rewards to volatility), Differential Return and decomposition of performance. (Problems).	14

**Statements of Course Outcomes (COs)****By the end of the course, the student will be able**

<b>CO-1</b>	To Find the various Investment Alternative available which helps the students in future in investment related activities.
<b>CO-2</b>	To Illustrate the ideas for analysis the securities using the current facts and comparing the market trends in dealing with securities and demonstrating using relevant techniques such as Run test.
<b>CO-3</b>	To solve problems by assessing the portfolio of their investment by analyzing and managing the risk and return in portfolios.
<b>CO-4</b>	To examine different methods and models to be adopted for ascertaining the prices of securities and drawing inferences based on the study.
<b>CO-5</b>	To Interpret their decisions by evaluating the portfolios by making revisions and performance evaluation of portfolios.

## **VI SEM –B.B.A.**

### **Subject – Commodity Markets**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	Introduction to Derivatives: Meaning- Definition- Products, Participants and functions- Derivatives market in India- Exchange traded versus OTC Derivatives Instruments of Derivatives contracts.	<b>10</b>
<b>II</b>	Commodity Derivatives: Meaning- Definition- Participants- Scope- Evolution Commodity Derivatives in India- Difference between Commodity and Financial Derivative.	<b>10</b>
<b>III</b>	NCDEX Platform: Structure of NCDEX- Promoter- Governance, NCDES system; trading- Clearing- Settlement, Commodities traded on the NCDES platform; Agricultural commodities- Precious metals.	<b>12</b>
<b>IV</b>	Trading Parameters: Specification of Contracts, order types: Lot size, tick size- Quantity Freeze- Base price- Price ranges of contracts- Order Entry, Trading requirements- contract size, Exercise Price, Expiration Prices, Expiration Dates- Position- Limits.	<b>10</b>
<b>V</b>	Hedging techniques: Basic Principles of Hedging- short hedge- Long hedge- Hedge ratio, Advantages and Limitation of Hedging. Speculation- Bullish and Bearish commodity, Arbitraging- Overprice and underpriced, commodity futures.	<b>12</b>
<b>VI</b>	Instruments for Trading: Forward contract, Future contract, option contract: Call and Put option, Basic Payoff- Payoff for futures- Pay off for options- using futures versus option.	<b>10</b>

#### **Statements of Course Outcomes (COs)**

<b>CO-1</b>	It broadly deals with the various aspects of risk management in the derivatives market
<b>CO-2</b>	To gives an overview of the commodity derivatives market, takes a look at the Indian scenario and regulatory framework and discusses some of the exchanges.
<b>CO-3</b>	To deal with the functioning of the derivative exchange and market operations.
<b>CO-4</b>	To include a technical analysis concepts and mechanisms of stock exchanges.
<b>CO-5</b>	To deal with the various aspects of risk management in the derivatives market, which includes hedging concepts, types and mechanisms, arbitrage and spreads.
<b>CO-6</b>	To describes the key market participants and the different roles that they play in the commodity markets

**I Semester – B.Com**  
**Subject – Financial Accounting-I**

UNIT	Content	Hours Allotted
I	<b>Introduction to Financial Accounting:</b> Accounting- Introduction, meaning and definitions, Objectives, Functions, Accounting Concepts, Conventions and standards.	6
II	<b>Final accounts of Sole Trading Concerns:</b> Sole trading concerns meaning, definition, features, Advantages and disadvantages, Suitability of Sole Trading Concerns, Financial Statements- Trial Balance, Problems final accounts of manufacturing concerns	12
III	<b>Consignment Accounts:</b> Meaning of Consignment, Consignor, Consignee, and Goods invoiced at cost price and invoice price and its differences, Goods Invoiced at cost price and Selling price, Normal and Abnormal loss, Valuation of stock reserve- Methods, Problems.	16
IV	<b>Accounting for Joint ventures:</b> joint ventures- Meaning, Objectives, Distinction between joint venture and consignment, Distinction between Joint venture and Partnership, Problems on Maintenance of Accounts when separate set of books are maintained and When separate set of books are not maintained,	15
V	<b>Final accounts of Non-Profit organisations:</b> Non-Profit organisation: Meaning, Need for maintaining accounts, Financial statements of Non-Profit organisations- Capital and revenue items, Receipts and payments account, Income and expenditure account, Balance sheet.	15

**Statements of Course Outcomes (COs)**

**By the end of the course, the student will be able**

<b>CO-1</b>	To give an exposure to acquire conceptual knowledge of basics of accounting
<b>CO-2</b>	Equip the knowledge of accounting process and preparation of final accounts of Sole Trading Concerns
<b>CO-3</b>	To make them aware and Understand the concept of Consignment and learn the accounting treatment of the various aspects of consignment
<b>CO-4</b>	To give an exposure to distinguish between joint venture, consignment and partnership and to learn the methods of maintaining records under Joint Venture
<b>CO-5</b>	Enable the students to gain an idea about Final accounts of Non-Profit organizations

**I SEM – B.Com**  
**Subject – Business Environment and Government Policy**

UNIT	Content	Hours Allotted
I	<b>Introduction to Business Environment:</b> Meaning, Objectives of Business, Features of Business, Business Environment, Internal and External Environment - Economic Environment, Social Environment, Cultural Environment, Demographic Environment, Legal Environment, Technological Environment, and Emerging Scenario and Business Policy.	14
II	<b>Business Ethic:</b> Principles of Business Ethics, Unethical Practices and Good Ethics of Business; Social Responsibility of Business, Doctrine of Social Responsibility, Rational of Social Responsibility and Unfair Trade Practices.	13
III	<b>Technology in Business:</b> Introduction, Need and Importance, Technological Factors influencing Business, Benefits and Limitations of Modern Technology to Business.	12
IV	<b>Business and Government:</b> Introduction, Government Intervention and Economic Growth, Regulatory Growth, Promotional Growth, Inter Personal Growth and Planning Growth.	12
V	<b>Business Policy:</b> Importance of Business Policy, Essentials of Business Policy, Classifications of Business Policy, Production Policy, Personal Policy, Financial Policy and Marketing Policy.	13

**Statements of Course Outcomes (COs)**

**By the end of the course, the student will be able**

<b>CO-1</b>	To introduce the students learn the importance of business economics.
<b>CO-2</b>	To understand the different concepts of economics such as demand, supply, utility etc.
<b>CO-3</b>	To applies economic analysis in the formulation of business policies.
<b>CO-4</b>	To understanding the students uses the economic reasoning to problems of business.
<b>CO-5</b>	To appreciate key concepts from business ethic and technology in business.

**I SEMESTER – B.Com**  
**Subject – Principles of Business Management**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Nature and Functions of Management:</b> Meaning and Definition, Functions and Scope of Management, Levels of Management, Management vs Administration; Scientific Management, Evolution of Management Thought, Contributions of F W Taylor, Henry Fayol, Elton Mayo, and C.K Prahlad; and Management as Science and art.	<b>14</b>
<b>II</b>	<b>Planning and Decision Making:</b> Nature and Importance of Planning, Types, Steps involved in Planning, Planning Premises, Planning Process. Decision Making - Meaning, Role, Steps involved in Decision Making Process, Significance of Decision Making, and Guidelines for effective Decision Making.	<b>14</b>
<b>III</b>	<b>Organizing :</b> Nature, Principles, Types, Structure of Organization, Line and Staff Organization, Formal vs Informal Organization, Delegation of Authority, Principles of Delegation, Barriers to effective Delegation, Guidelines for Making effective Delegation, Span of Control, Authority and Responsibility, Authority vs Power, and Forms of Organization Structure	<b>16</b>
<b>IV</b>	<b>Directing, Motivation and Control:</b> Meaning, Nature, Significance and Techniques of Directing: Motivation - Meaning and Importance; Control - Meaning, Steps in Control, Features of effective Control System, Controlling Tools and Techniques, and Essentials of Effective Control	<b>10</b>
<b>V</b>	<b>Leadership and Modern Management Techniques:</b> Meaning of Leadership, Leadership Styles and Importance of Leadership: Modern Management Techniques - MBO, MBE, TQM, ISO, Stress Management (only meaning of modern management techniques).	<b>10</b>

**Statements of Course Outcomes (COs)**

**By the end of the course, the student will be able**

<b>CO-1</b>	To comprehend the basic concepts of management, levels of management and different theories of management.
<b>CO-2</b>	To understand the essence of planning and the steps involved in effective decision making.
<b>CO-3</b>	To assess the flow of organization structure and to inculcate the guidelines required for effective delegation.
<b>CO-4</b>	To improve the students methods on motivation, directing and effective tools of controlling.
<b>CO-5</b>	To transport the qualities of leader and the styles of leadership to meet the dynamic business environment.



**I SEM – B.Com**  
**Subject – Market Behaviour and Cost Analysis**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Firms and Decisions:</b> Firms - Meaning and Goals, Profit Maximization vs Wealth Maximization Dynamics, Decision Making – Features, Process, Strategy, Tactical and Operational Decisions, Game Theory, and Problems.	<b>14</b>
<b>II</b>	<b>Market Forces:</b> Demand - Meaning, Law of Demand, Nature of Elasticity of Demand, Determinants of Elasticity of Demand, Derived Demand Relations. Demand Forecasting - Meaning and Methods (Problems on Trend Projection by Method Least Squares); Supply - Law of Supply, and Determinants of Supply.	<b>12</b>
<b>III</b>	<b>Production and Cost Analysis:</b> Production Function – Concept & Importance, Cost Analysis - Meaning of Short-run and Long-run Costs, Fixed and Variable Costs, Explicit and Implicit Costs, Opportunity Cost & Incremental Costs (concepts only). Total Cost, Average Cost & Marginal Cost Behavior in Short-run & Long-run (including problems). CVP Analysis – Assumptions, Uses, P/V Ratio, BEP, BE Chart, Margin of Safety & Problems.	<b>16</b>
<b>IV</b>	<b>Pricing Practices and Strategies:</b> Price – Pricing, Pricing Policy, Objectives & Determinants of Pricing Policy, Pricing Methods - Marginal Cost Pricing, Target Rate Pricing, Product Line Pricing, Administered Pricing, Competitive Bidding, Dual Pricing, Transfer Pricing; Price Discrimination - Requirements, Types and Dumping Strategies; Pricing over Product Life Cycle - Skimmed Pricing, Penetration Pricing, Product Line Pricing and Price Leadership; Linear Programming Problems – Problems on Profit Maximization and Cost Minimization using Graphic Method with two Variables.	<b>12</b>
<b>V</b>	<b>Location of a Firm:</b> Locating the Firm, Basic Principles, Selecting an Industrial Location, Primary and Secondary Factors; Sources of Capital, Internal and External Sources; Risk and Uncertainty – Concepts, and Investment Decisions under Uncertainty (Models).	<b>10</b>

**Statements of Course Outcomes (COs)**

**By the end of the course, the student will be able**

<b>CO-1</b>	To define the importance of profit and wealth maximization and business decision making.
<b>CO-2</b>	To outline the key factors of demand & supply and demand and supply analysis.
<b>CO-3</b>	To apply & calculate various costs & analyzing the Ratios & its influence on the business.
<b>CO-4</b>	To examine the various pricing practices to be adopted by business and its calculations

<b>CO-5</b>	To appraise the various principles and factors necessary for locating a business by analyzing the risk and return strategies.
-------------	---

**II SEM – B.Com**  
**Subject – Advanced Financial Accounting - II**  
**Syllabus**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Hire Purchase System</b> : Meaning of Hire Purchase and Installment Purchase System; Differences between Hire Purchase and Installment Purchase, Important Definitions – Hire Purchase Agreement, Hire Purchase Price, Cash Price, Hire Purchase Charges, Net Hire Purchase Price, Net Cash Price; Calculation of Interest, Calculation of Cash Price; and Journal Entries and Ledger Accounts in the books of Hire Purchase and Hire vendor (Asset Accrual Method only)	<b>16</b>
<b>II</b>	<b>Departmental Accounts</b> : Meaning, Objectives, Basis of Allocation of Expenses, Trading and Profit and Loss Account in Columnar Form and Balance Sheet.	<b>08</b>
<b>III</b>	<b>Branch Accounts</b> : Introduction, Meaning, Objectives, Types of Branches - Dependent Branches, Features; Supply of Goods at Cost Price and Invoice Price; Branch Account in the books of Head Office, Debtors System only and Problems.	<b>14</b>
<b>IV</b>	<b>Fire Insurance Claims</b> : Introduction, Need, Steps for ascertaining Fire Insurance Claim, Treatment of Salvage, Average Clause, Treatment of Abnormal Items, Computation of Fire Insurance Claims and Problems on Loss of Stock.	<b>10</b>
<b>V</b>	<b>Royalty Accounts</b> : Meaning and Definition, Technical Terms – Royalty, Landlord, Tenant, Minimum Rent, Short Workings, Recoupment of Short Working, Recoupment within the life of the Lease, Treatment of Strike and Stoppage of Work, Accounting Treatment in the books of Lessee and Lessor, and Journal Entries and Ledger Accounts including Minimum Rent Account.	<b>16</b>

**Statements of Course Outcomes (COs)**

<b>CO-1</b>	To introduce the system of Hire Purchasing and Difference between instalment and hire purchase
<b>CO-2</b>	To understand the Scope of departmental accounting
<b>CO-3</b>	To familiarize the concept of Branch account and its system.
<b>CO-4</b>	To learn the objectives, procedures and terms & conditions for claiming the fire insurance in accounting.
<b>CO-5</b>	To provide knowledge about the technique for preparing different accounts in royalties.

**II SEM – B.Com**  
**Subject – Human Resources Management**  
**2018-19 Syllabus**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Introduction to Human Resource Management:</b> Meaning and Definition of HRM, Evolution of HRM in India, Scope, Objectives, Concepts, Functions and its Strategic Role, and Recent trends in HRM and HRD.	<b>12</b>
<b>II</b>	<b>Employment and Development:</b> Human Resource Planning, Job Analysis and Job Design, and Recruitment and Selection Process including E–Recruitment and Selection.	<b>12</b>
<b>III</b>	<b>Executive Development:</b> Meaning of Training, Need for Training, Importance, Steps in Training Programme, Methods of Training. Performance. Appraisal – Terminology Used, Evaluation Process, Methods and Problems	<b>14</b>
<b>IV</b>	<b>Compensation Management</b> (14 hours): Meaning, Nature and Purpose, Wage Level and Structures, Wage Determination Process, Theory of Wages, Principles and Factors influencing Wage and Salary Structure and Administration, Rewards and Incentives.	<b>14</b>
<b>V</b>	<b>Human Relations</b> (12 hours): Meaning, Importance, Objectives, Motivation Theories, Employee Morale, Communication, Leadership, Employee Welfare, Health and Safety, Maintenance of HR Data Base, Challenges and Opportunities in Globalized Era and Outsourcing of HR Functions.	<b>12</b>

**Statements of Course Outcomes (COs)**

**By the end of the course, the student will be able**

<b>CO-1</b>	To introduce the basics concepts of human resource management.
<b>CO-2</b>	To impart the skills to manage various functions of human resource management in order to provide the professional approach and outlook.
<b>CO-3</b>	To make the student understand the basic concept and significance of organizational behavior.
<b>CO-4</b>	To understanding of Principles and Factors influencing Wage and Salary Structure and Administration, Rewards and Incentives.
<b>CO-5</b>	To understand the values, importance and dimensions of human relations.

## II SEM – B.Com

### Subject – Mathematics for Business

UNIT	Content	Hours Allotted
I	<b>Theory of Indices:</b> Introduction, Meaning of Index, Basic Laws of Indices (statement only), Definition of Zero Index, Fractional Index and Negative Index and Problems on Simplification.	6
II	<b>Progressions:</b> Arithmetic Progression, Finding the nth Term of AP and Sum to nth Term of AP; Insertion of Arithmetic Mean; Geometric Progression – Finding the nth Term of GP and Sum to nth Term GP and Insertion of Geometric Mean.	8
III	<b>Mathematics of Finance, Ratios, Proportions and Variations:</b> Simple Interest, Problems on Simple Interest, Compound Interest, Annuities, Present and Future Value of Annuity, Discounting Bills of Exchange (Present Worth, Future Face Value, Trade Discount and Banker Discount, Bankers Gain and Amount Receivable); Equality of Ratios; Proportions – Fourth Proportional – Third Proportional and Mean Proportional – Continued Proportion, Direct and Inverse Proportions, Problems; Variations - Problems on Speed, Time and Work Completion.	14
IV	<b>Theory of Sets:</b> Meaning, Elements of a Set, Methods of Describing a Set, Types of Sets and Operations, Demorgan's Laws Venn Diagram and their Application to Theory of Sets.	10
V	<b>Theory of Equations:</b> Simple Linear Equations, Simultaneous Linear Equation (Elimination, Substitution and Cross Multiplication Methods only), Quadratic Equation, Pure Quadratic, General Form of Quadratic Equations, Factorization and Sridharacharya's Methods and Problems.	14
VI	<b>Matrices and Determinants:</b> Meaning of Matrix, Types of Matrices, Operations of Addition, Subtraction and Multiplication of Matrices, Problems, Transpose of A Matrix, Determinants of a Square Matrix, Minor of an Element, Co-Factor of an Element, Ad Joint of a Square Matrix, Singular and Non-singular of a Square Matrix, Inverse of a Square Matrix. Solutions of System of Linear Equations in two Variables using Cramer's Rule and Problems.	12

#### Statements of Course Outcomes (COs)

#### By the end of the course, the student will be able

CO-1	To define the usage of rules/laws for solving index problems.
CO-2	To demonstrate and outline the methods of solving progressions and its application in business.
CO-3	To develop and study to construct the techniques for solving simple and compound interest, bills of exchange, ratios and proportions.

<b>CO-4</b>	To analyze the solutions for mathematical problems using sets and venn-diagrams.
<b>CO-5</b>	To appraise the students with mathematical techniques for solving equations.
<b>CO-6</b>	To improve the students knowledge for solving various business problems using matrix and determinants.

**II SEMESTER – B.Com**  
**Subject – Indian Financial System**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Introduction to Financial System:</b> Meaning, Role and Classification of Financial System, Organizational Structure of Indian Financial System, Major Components - Financial Institutions, Intermediaries and Financial Instruments.	<b>12</b>
<b>II</b>	<b>Financial Markets in India:</b> Capital Market, Role and Importance, Development Initiatives and Reforms – Narasimham Committee Reports 1991 and 1998; Primary Market - Meaning, Instruments, Players and Problems; Secondary Market – Meaning, Function; Stock Exchange, Listing of Securities and Benefits, Types of Securities, Types of Dealings. Indian Stock Exchange (BSE, NSE, OTCET) Online Trading, and Demat Accounting.	<b>16</b>
<b>III</b>	<b>Money Market and Regulatory Institutions:</b> Meaning, Features, Organized and Unorganized Money Market Instruments – Treasury Bills, Certificate of Deposits, Commercial Papers, Call Money, Commercial Bills; Emerging Structure of Indian Money Market; Reserve Bank of India (RBI) - Objectives and Functions; Monetary Policy of RBI, SEBI and IRDI – Role and Functions.	<b>12</b>
<b>IV</b>	<b>Co-operative Banking and Non-Banking Financial Institutions:</b> Evaluation of Co-operative as Financial Institutions in India, Structure, Role and Importance of Co-operative Banks, Agricultural and Non-agricultural Co-operative Banks, NBFIs – Importance, Role and Types of NBFIs In India, IDBI, ICICI, SFCs, SIDCs, LIC And NABARD	<b>12</b>
<b>V</b>	<b>Financial Services:</b> Meaning, Importance of Financial Services, Insurance, Mutual Funds, Lease Finance, Merchant Banking, Venture Capital Financing, Factorizing, Credit Rating Agencies, Micro Finance and Self Help Groups, Financial Inclusion Programs in India.	<b>12</b>

**Statements of Course Outcomes (COs)**

**By the end of the course, the student will be able**

<b>CO-1</b>	To be familiarize the structure and working of financial system.
<b>CO-2</b>	To understand the role and functions of financial markets.
<b>CO-3</b>	To learn the various money market instruments.

<b>CO-4</b>	To explain the recent developments in financial institutions.
<b>CO-5</b>	To be aware about the financial services.

**III Semester – B.Com**  
**Subject – Corporate Accounting-I**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Profit Prior to Incorporation:</b> Pre and Post Incorporation Profit/ Loss, Calculation of Time Ratio, Sales Ratio and Weighted Ratios, Treatment of Capital and Revenue Expenditure, Ascertainment of Pre-incorporation and Post-incorporation Profit by preparing Profit and Loss Account and Balance Sheet.	<b>10</b>
<b>II</b>	<b>Valuation of Shares:</b> Meaning, Need for Valuation of Shares, Factors affecting Valuation of Shares, Methods of Valuation of Shares- Net Assets Method, Yield Method, Earning Capacity Method and Fair Value Method, Problems on Valuation of Shares	<b>8</b>
<b>III</b>	<b>Valuation of Goodwill:</b> Meaning, Circumstances of Valuation of Goodwill, Factors influencing the Value of Goodwill, Methods of Valuation of Goodwill - Average Profit Method, Super Profit Method, Capitalization of Average Profit Method, Capitalization of Super Profit Method, and Annuity Method, Problems on Valuation of Goodwill	<b>8</b>
<b>IV</b>	<b>Company Final Accounts:</b> Introduction to Company Accounts, Statutory Provisions regarding preparation of Company Final Accounts, Treatment of Special Items: Tax Deducted at Source, Advance Payment of Tax, Provision for Tax, Depreciation, Interest on Debentures; Dividends – Rules regarding payment of Dividends, Transfer to Reserves, Problems on Final Accounts of Company.	<b>20</b>
<b>V</b>	<b>Underwriting of Shares and Debentures:</b> Meaning, Definition, Underwriting Commission, Underwriter–Functions, Advantages of Underwriting, Types of Underwriting, Marked and Unmarked Applications and Problems on Underwriting of Shares and Debentures.	<b>12</b>
<b>VI</b>	<b>Recent Trends in Company Accounts:</b> Buy Back of Shares: Features, Advantages, Disadvantages, Bonus Shares: Advantages, Limitations, Conditions for Issue of Bonus Shares, Right Issue: Benefits & Legal Provisions and Problems.	<b>6</b>

**Statements of Course Outcomes (COs)**

**By the end of the course, the student will be able**

<b>CO-1</b>	To give an exposure to the Pre and Post Incorporation of Profit and Prepare financial statements accordingly.
<b>CO-2</b>	To provide knowledge on Goodwill Valuation
<b>CO-3</b>	To make them aware about Valuation of Shares

<b>CO-4</b>	To give an exposure to the company final accounts
<b>CO-5</b>	Enable the Students to gain an idea about Underwriting of Shares and Debentures.
<b>CO-6</b>	Keep them aware about Buy Back of Share, Bonus Shares and Right Issue.

### III SEMESTER – B.Com Subject – Marketing Management

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Introduction to Marketing:</b> Meaning and Definition, Goals, Concepts of Marketing, Approaches to Marketing and Functions of Marketing	<b>10</b>
<b>II</b>	<b>Marketing Environment (Macro) :</b> Meaning, Demographic, Economic, Natural, Technological, Political, Legal, and Socio-Cultural Environment	<b>10</b>
<b>III</b>	<b>Marketing Mix :</b> Meaning, Elements, Product, Product Mix, Product Line, Product Lifecycle, Product Planning, New Product Development, Failure of new Product; Branding, Packing and Packaging; Pricing – Objectives, Factors influencing Pricing Policy and Methods of Pricing; Physical Distribution – Meaning, Factors affecting Channel Selection, Types of Marketing Channels; Promotion – Meaning and Significance of Promotion, Personal Selling and Advertising	<b>22</b>
<b>IV</b>	<b>Market Segmentation and Consumer Behavior :</b> Meaning and Definition, Bases of Market Segmentation, Requisites of Sound Market Segmentation; Consumer Behaviour – Factors influencing Consumer Behaviour and Buying Decision Process	<b>10</b>
<b>V</b>	<b>Customer Relationship Management and Recent Trends in Marketing :</b> Meaning and Definition, Role of CRM, Advantages and Disadvantages, Consumer Protection Act 1986 and Recent Trends in Marketing; e-Business – Tele-Marketing, M-Business, Green Marketing, Relationship Marketing; Retailing – Concept Marketing and Virtual Marketing	<b>12</b>

#### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able**

<b>CO-1</b>	To introduce the concept of marketing, evolution and approaches of Marketing.
<b>CO-2</b>	To understand the dynamics of national and international level marketing environment.
<b>CO-3</b>	To comprehend the concepts of marketing mix in general and in particular about 4P's of marketing
<b>CO-4</b>	To envisage the need for market segmentation and to understand the behavioural pattern of consumers.
<b>CO-5</b>	To be aware of the contemporary issues of marketing and the recent trends in marketing.

**III SEM –B.Com**  
**Subject – Small Business Management**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Introduction:</b> Meaning of Small Business, Small Business Management, Importance, Role, Characteristics and Types of Small Business, Scope and Role of Government in promoting Micro, Small Scale Industries.	<b>10</b>
<b>II</b>	<b>Woman Entrepreneurs:</b> Concept, Types of Woman Entrepreneurs, Suitability of Business, Problems faced by Woman Entrepreneurs in India, Measures taken by the Governments for the development of Woman Entrepreneurs.	<b>12</b>
<b>III</b>	<b>Rural Entrepreneurs:</b> Definitions, Risk faced by Rural Entrepreneurs, Strategies for development of Rural Entrepreneurship, and Scope Of Rural Entrepreneurship.	<b>10</b>
<b>IV</b>	<b>Project Identification and Formulation:</b> Meaning of Project, Project Identification and Project Reports, Importance of Project Report, Contents of Project Report, and General Format of Project Report.	<b>12</b>
<b>V</b>	<b>Problems of Small Scale Industries:</b> Types of Problems, Causes and Remedies, Sickness in Small Scale Industries, Symptoms, Reasons for Sickness and Remedial Measures.	<b>12</b>
<b>VI</b>	<b>Institutions engaged in Financing Small Business:</b> SIDBI, ICICI, DICs, IDBI, KSFC, RRBs, NABARD, Commercial Banks and their Functions.	<b>08</b>

**Statements of Course Outcomes (COs)**

<b>CO-1</b>	To develop the knowledge of business, management principles, financial concepts used in making business decision.
<b>CO-2</b>	Understand the process of establishing woman as entrepreneurs, their business plan and the institutional facilities available to an entrepreneur in India.
<b>CO-3</b>	Gain the knowledge on starting rural industries, legal aspects and government policy relating to rural entrepreneurship.
<b>CO-4</b>	To understand the need of identifying effective projects and development and various methods of project identification.
<b>CO-5</b>	It provides exposure to the students to the various entrepreneurial problems and how effectively manages their own small units.
<b>CO-6</b>	Explain the various financial institutions associated with the providing financial assistance.



**III SEM – B.Com**  
**Subject – Corporate Administration**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Introduction to Indian Companies Act, 1956:</b> Company –Definition and Characteristics, Kinds of Companies - Private, Public Company, Statutory Company, Foreign Company, Holding Company, Subsidiary Company, and Licensed Companies, Government Company, Foreign Company, Global Company, Listed Company, Body Corporate, Corporate Veil and Lifting of Corporate Veil.	<b>12</b>
<b>II</b>	<b>Formation of a Company:</b> Promoter - Meaning, Functions, Fiduciary Position and Remuneration, Stages Involved in formation (in brief), Basic Documents of a Company - Memorandum Association, Articles of Association, Prospectus, and Statement in Lieu of Prospectus, and Misleading Prospectus and its Consequences.	<b>14</b>
<b>III</b>	<b>Corporate Administration:</b> Company Secretary – Meaning and Definition of Company Secretary, Legal Position, Qualification and Appointment, Duties, Rights and Liabilities of a Company Secretary; Managing Director - Qualification, Powers, Duties and Liabilities.	<b>8</b>
<b>IV</b>	<b>Shares and Membership of a Company Equity:</b> Shares, Kinds of Shares - Equity Shares, (including Sweat Equity Shares) and Preferences Shares Issue and Allotment of Shares, Legal Rules for Allotment of Shares, Essentials of Valid Allotment, Shares Certificate – Physical Form and Electronic Form, Buyback of Shares – Legal Provisions Relating to Buy Back of Shares; Transfer and Transmission of Shares – Distinction, Electronic Transfer, Demat Account, Membership - Member and Share Holder – Distinction, Mode of Acquiring Membership, and Register of Members - Contents And Closer.	<b>8</b>
<b>V</b>	<b>Corporate Meetings:</b> Meetings and Types – Statutory Meeting, Board Meetings, Annual General Meeting, Extra-Ordinary General Meeting – Statutory Requirements of Valid Meeting - Notice of a Meeting, Agenda, Quorum, Proxy, Resolutions–Ordinary and Special Resolutions, and Distinction Between Ordinary and Special Resolutions; and Meaning of Minutes and its Contents.	<b>14</b>
<b>VI</b>	<b>Highlights of Company Act 2013:</b> New Concepts – One-man Company, Women Director, Corporate Social Responsibility and Other Amendments (brief).	<b>4</b>

**Statements of Course Outcomes (COs)**

**By the end of the course, the student will be able**

<b>CO-1</b>	To be able to define and understand different types of Companies and be aware of the Companies Act.
<b>CO-2</b>	To summarize the various stages involved in the formation of company and to know the importance of various documents necessary for the formation of the company.
<b>CO-3</b>	To build the essentiality of Company Secretary to manage the affairs of the company to determine his roles and responsibilities, powers and qualifications.
<b>CO-4</b>	To analyze the importance of shares and company membership and their provisions.

<b>CO-5</b>	To assess the Proceedings and etiquettes of corporate meetings.
<b>CO-6</b>	To discuss the highlights of companies Act 2013.

**III SEM – B.Com**  
**Subject – Environmental Studies**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>The Multidisciplinary Nature of Environmental Studies:</b> Definition, scope and importance Need for public awareness.	<b>2</b>
<b>II</b>	<b>Natural Resources:</b> Renewable and non-renewable resources: Natural resources and associated problems. <b>(a) Forest resources:</b> Use and over-exploitation, deforestation, Case Studies. Timber extraction, mining, dams and their effects on forests and tribal people. <b>(b) Water resources:</b> Use and over-utilization of surface and ground water, floods, drought, conflicts over water, dams-benefits and problems. <b>(c) Mineral resources:</b> Use and exploitation, environmental effects of extracting and using mineral resources, case studies. <b>(d) Food resources:</b> World food problems, changes caused by agriculture and over-grazing, effects of modern agriculture, fertilizer-pesticide problems, water logging, salinity, case studies. <b>(e) Energy resources:</b> Growing energy needs, renewable and non-renewable energy sources, use of alternate energy sources, Case studies. <b>(f ) Land resources:</b> Land as a resource, land degradation, man induced landslides, soil erosion and desertification. Role of an individual in conservation of natural resources. Equitable use of resources for sustainable life styles.	<b>8</b>
<b>III</b>	<b>Ecosystems:</b> Concept of an ecosystem, Structure and function of an ecosystem, Producers, consumers and decomposers, Energy flow in the ecosystem, Ecological succession, Food chains, food webs and ecological pyramid, Introduction, types, characteristic features, structure and function of the following ecosystem: (a) Forest ecosystem (b) Grassland ecosystem (c) Desert ecosystem (d) Aquatic ecosystem (ponds, streams, lakes, rivers, oceans, Estuaries).	<b>6</b>
<b>IV</b>	<b>Bio-diversity and its Conservation:</b> Introduction, Definition: genetic, species and ecosystem diversity, Bio-geographical classification of India. Value of biodiversity: consumptive use, productive use, social, ethical, aesthetic and option values. Biodiversity at global, national and local levels. India as a mega-diversity nation. Hot-spots of biodiversity. Threats to biodiversity: habitat loss, poaching of wildlife, man-wildlife conflicts. Endangered and endemic species of India. Conservation of biodiversity: In-situ and Ex-situ conservation of biodiversity.	<b>8</b>
<b>V</b>	<b>Environmental Pollution:</b> Definition, Causes, effects and control measures of: (a) Air pollution (b) Water pollution (c) Soil pollution (d) Marine pollution (e) Noise pollution (f) Thermal pollution (g) Nuclear hazards. Solid waste management : Causes, effects and control measures of urban and industrial wastes. Role of an individual in prevention of pollution. Pollution case studies. Disaster management: floods, earthquake, cyclone and	<b>8</b>

	landslides.	
<b>VI</b>	<b>Social Issues and the Environment:</b> From Unsustainable to Sustainable development. Urban problems related to energy. Water conservation, rain water harvesting, watershed management. Resettlement and rehabilitation of people: its problems and concerns. Case studies. Environmental ethics: Issues and possible solutions. Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust. Case studies. Wasteland reclamation. Consumerism and waste products. Environment Protection Act. Air (Prevention and Control of Pollution) Act. Water (Prevention and Control of Pollution) Act. Wildlife Protection Act. Forest Conservation Act. Issues involved in enforcement of environmental legislation. Public awareness.	<b>7</b>
<b>VII</b>	<b>Human Population and Environment:</b> Population growth, variation among nations. Population explosion. Family Welfare Programme. Environment and human health. Human Rights. Value Education. HIV/AIDS. Women and Child Welfare. Role of Information Technology in Environment and human health. Case Studies.	<b>6</b>
<b>VIII</b>	<b>Human Population and Environment:</b> Population growth, variation among nations. Population explosion. Family Welfare Programme. Environment and human health. Human Rights. Value Education. HIV/AIDS. Women and Child Welfare. Role of Information Technology in Environment and human health. Case Studies.	<b>6</b>

### Statements of Course Outcomes (COs)

#### By the end of the course, the student will be able

<b>CO-1</b>	To understand key concepts from economic, political, and social analysis as they pertain to the design and evaluation of environmental policies and institutions.
<b>CO-2</b>	To appreciate concepts and methods from ecological and physical sciences and their application in environmental problem solving.
<b>CO-3</b>	To appreciate the ethical, cross-cultural, and historical context of environmental issues and the links between human and natural systems.
<b>CO-4</b>	To reflect critically about their roles and identities as citizens, consumers and environmental actors in a complex, interconnected world.
<b>CO-5</b>	To understand core concepts and methods from ecological and physical sciences and their application in environmental problem-solving.
<b>CO-6</b>	To appreciate key concepts from economic, political, and social analysis as they pertain to the design and evaluation of environmental policies and institutions.
<b>CO-7</b>	To appreciate the ethical, cross-cultural, and historical context of environmental issues and the links between human and natural systems.
<b>CO-8</b>	To appreciate the ethical, cross-cultural, and historical context of environmental issues and the links between human and natural systems.
<b>CO-9</b>	To reflect critically about their roles and identities as citizens, consumers and environmental actors in a complex, interconnected world.

**IV Semester – B.Com**  
**Subject – Corporate Accounting-II**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Liquidation of Companies:</b> Meaning, Types of Liquidation, Order of Payment, Calculation of Liquidator's Remuneration, and Preparation of Liquidators Final Statement of Account.	<b>08</b>
<b>II</b>	<b>Banking Company Final Accounts:</b> Business of Banking Companies, Some Important Provisions of Banking Regulation Act of 1949 – Minimum Capital and Reserves, Restriction on Commission, Brokerage, Discounts, Statutory Reserves – Cash Reserves, Books of Accounts, Special features of Bank Accounting, Final Accounts - Balance Sheet and Profit and Loss Account – Interest on Doubtful Debts – Rebate on Bill Discounted, Acceptance, Endorsement and other Obligations and Problems as per New Provisions.	<b>16</b>
<b>III</b>	<b>Life Insurance Company Final Accounts:</b> Meaning of Life Insurance, Accounting Concepts relating to Insurance Companies, Preparation of Final Accounts of Life Insurance Companies – Revenue Account and Balance Sheet, and Calculation of Profit by preparing Valuation Balance Sheet.	<b>20</b>
<b>IV</b>	<b>General Insurance Company Final Accounts:</b> Meaning of General Insurance, Differences between Life Insurance and General Insurance – Fire Insurance, Marine Insurance and Accident Insurance; and Preparation of Revenue Account, Profit and Loss Account and Balance Sheet (vertical format).	<b>14</b>
<b>V</b>	<b>Social Responsibility Accounting:</b> Meaning and Definition, Features and Objectives of Social Responsibility Accounting (theory only).	<b>6</b>

**Statements of Course Outcomes (COs)**

**By the end of the course, the student will be able**

<b>CO-1</b>	To enable the students to gain an idea of Liquidation of Companies.
<b>CO-2</b>	To make them aware about Accounts of Banking Companies.
<b>CO-3</b>	To keep them aware about accounts of Life Insurance Companies.
<b>CO-4</b>	To keep them aware about accounts of General Insurance Companies.
<b>CO-5</b>	To enable the students to gain an idea about Social Responsibility Accounting.

**IV SEM – B.Com**  
**Subject – Management of Banking Operations**

UNIT	Content	Hours Allotted
I	<b>Banker and Customer:</b> Introduction, Meaning and Definition of Banker and Customer, General and Special relationship between Banker and Customer, Special types of Customers – Minor, Joint Account, Partnership, Joint Stock Company, Trustee, Clubs and Associations.	16
II	<b>Types of Accounts and Lending of Fund:</b> Savings Bank Account, Current Account and Fixed Deposit Account – Features, Procedure for opening these Accounts; Lending of Funds – Different types of Loans, Overdrafts, Discounting of Bills, Cash Credit and Principles of Bank Lending.	14
III	<b>Negotiable Instruments:</b> Introduction, Meaning and Definition, Features, Kinds of Negotiable Instruments - Meaning, Definition and Features of Promissory Notes, Bills of Exchange and Cheques; Crossing of Cheques, Types of Crossing, Material Alteration, Endorsements - Meaning, Essentials and Kinds of Endorsement	14
IV	<b>Banking Operations:</b> Collecting Banker – Meaning, Duties and Responsibilities of Collecting Banker, Holder for Value, Holder in Due Course, Statutory Protection to Collecting Banker; Paying Banker – Meaning, Precautions, Statutory protection to the Paying Banker, Dishonor of Cheques, Grounds for Dishonor, and Consequences of wrongful Dishonor of Cheques.	12
V	<b>Banking:</b> New Technology in Banking, e-Services, Debit and Credit Cards, Internet Banking, ATM, Electronic Fund Transfer, MICR, RTGS, NEFT, DEMAT. E– Banking, Core Banking and Mobile Banking.	8

**Statements of Course Outcomes (COs)**

**By the end of the course, the student will be able**

<b>CO-1</b>	To make the student understand the basic concepts of relationship between banker and customer.
<b>CO-2</b>	To provide necessary knowledge of types of bank accounts and lending of funds.
<b>CO-3</b>	To make use of various banking operations: collecting banker and paying banker.
<b>CO-4</b>	To understand the functioning of crossing of cheques and dishonor of cheques.
<b>CO-5</b>	To introduce recent trends in new technology in banking.

**IV SEM – B.Com**  
**Subject – Computer Applications in Business**

UNIT	Content	Hours Allotted
I	<b>Introduction</b> - Meaning and Definition, Characteristics of Computers, Types of Computers, Application of Computers in Business Operating System – Meaning and Functions of Operating System; Introduction to Windows OS, Computer Memory – Primary and Secondary, RAM and ROM.	10

<b>II</b>	<b>Tally ERP 9.0</b> - Introduction, Features, Advantages, Basic Rules - Real, Personal and Nominal Accounts, Assets and Liabilities, Debtors and Creditors, Menus in Tally, Company Creation, Company Info Menu, Creating Inventory of Products, Company Features (F11) and Configuration of Tally (F12), Gateway of Tally Menu, Master, Transaction, Import and Report.	<b>14</b>
<b>III</b>	<b>Software Support for GST</b> - Introduction, Features, Concept, Supporting Software, GST Working Principles in Tally, Power and Functions, GST Group Creation in Tally, GST adapting in Goods or Stock Creation Section, Creating CGST, SGST, IGST, Ledgers, and GST Entry System in Tally.	<b>08</b>
<b>IV</b>	<b>Accounting Ledger and Vouchers</b> - Predefined Accounting Groups, Primary Groups and Sub Groups, Steps for Creating - Alter and Delete Ledgers and Groups, Types of Ledgers, Types of Vouchers, Rules of Vouchers Entry, Balance Sheet, Profit and Loss Account, Trial Balance, Stock Summary, Computation of GST and TDS, and Exercises for making Voucher Entries.	<b>12</b>
<b>V</b>	<b>Introduction to ORACLE</b> - SQL Meaning, Concepts, Commands, Data Definition Commands, Data Manipulation Commands, SQL*Plus Editing Commands, Create Table, Insert Integrity Constraints, Primary Key, Secondary Key, Aggregate Functions, Select, Delete Form, and Update Order Commands	<b>14</b>
<b>VI</b>	<b>SQL *Plus Reports</b> - Additional Operators: Like Between, in, Referential Integrity, on Delete Cascade, Join Operation - Inner Join, Outer Join, Alter Table, SQL Clauses - Where Clause, Order By, Group by Clause, Having Clause, Sub Queries, Introduction to PL/SQL, and Simple Programs.	<b>06</b>

### Statements of Course Outcomes (COs)

By the end of the course, the student will be able

<b>CO-1</b>	To recall the computer basics related to hardware and software.
<b>CO-2</b>	To extend the practical knowledge about Tally ERP 9.
<b>CO-3</b>	To apply Tally ERP 9 in business.
<b>CO-4</b>	To categorize the accounting ledgers and vouchers with reference to Tally ERP 9.
<b>CO-5</b>	To explain the application of oracle.
<b>CO-6</b>	To discuss the practical introduction to SQL *Plus Reports.

### IV SEM – B.Com Subject – Business Regulations

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Introduction to Business Laws:</b> Introduction, Nature of Law, Meaning and Definition of Business Laws, Scope and Sources of Business Laws.	<b>08</b>
<b>II</b>	<b>Contract Laws:</b> Indian Contract Act, 1872 - Definition of Contract, Essentials of a Valid Contract, Classification of Contracts, Discharge of	<b>18</b>

	Contracts, Remedies for Breach of Contract; Indian Sale of Goods Act, 1930 - Definition of Contract of Sale, Essentials of Contract of Sale, Conditions and Warranties, Rights and Duties of Buyer, and Rights of an Unpaid Seller.	
<b>III</b>	<b>Competition and Consumer Laws:</b> The Competition Act, 2002 - Objectives of Competition Act, Features of Competition Act, CAT, Offences and Penalties under the Act, Competition Commission of India; Consumer Protection Act, 1986 - Definition of the Terms Consumer, Consumer Dispute, Defect, Deficiency, Unfair Trade Practices and Services; Rights of the Consumer under the Act, Consumer Redressal Agencies – District Forum, State Commission, and National Commission.	<b>14</b>
<b>IV</b>	<b>Economic Laws:</b> Indian Patent Laws and WTO Patent Rules - Meaning of IPR, Invention and Non-Invention, Procedure to get Patent, Restoration and Surrender of Lapsed Patent, Infringement of Patent; FEMA 1999 - Objects of FEMA, Salient Features of FEMA, Definition of Important Terms - Authorized Person, Currency, Foreign Currency, Foreign Exchange, Foreign Security, Offences and Penalties	<b>12</b>
<b>V</b>	<b>Environmental Law:</b> Environment Protection Act, 1986 - Objects of the Act, Definitions of Important Terms - Environment, Environment Pollutant, Environment Pollution, Hazardous Substance and Occupier, Types of Pollution, and Rules and Powers of Central Government to Protect Environment in India.	<b>08</b>

#### **Statements of Course Outcomes (COs)**

##### **By the end of the course, the student will be able**

<b>CO-1</b>	To make the students understand about the concepts business law.
<b>CO-2</b>	To develop knowledge on contract law and various types of contracts and the concept of sale of goods
<b>CO-3</b>	To understand the meaning and the importance of competition and competition Laws and the consumer protection act 1982 and how to pursue the consumer rights under consumer protection act 1982
<b>CO-4</b>	The students will possess knowledge, enrich and make more meaningful the study of the Economic laws
<b>CO-5</b>	To gain an understanding of the concepts fundamental to environmental laws, environmental problems including their causes and consequences

**IV SEM – B.Com**  
**Subject – Indian Constitution**

UNIT	Content	Hours Allotted
I	<b>Framing of the Constitution and Major Features:</b> Constituent Assembly at Work, Preamble and Salient Features, Citizenship, Fundamental Rights, Directive Principles of State Policy, and Fundamental Duties.	14
II	<b>Union and State Legislatures:</b> Composition, Powers and Functions; Presiding Officers, Law Making Process, Committees of Parliament, Decline of Legislatures, and Reforms.	16
III	<b>Union and State Executive:</b> President and Vice-President – Elections, Powers and Functions; Prime Minister and Council of Ministers – Powers and Functions; Governor, Chief Minister and Council of Ministers – Powers and Functions; and Debate over Parliamentary and Presidential Forms of Government.	16
IV	<b>Judiciary:</b> Supreme Court and High Courts – Composition, Jurisdiction and Functions; and Judicial Activism.	14

**Statements of Course Outcomes (COs)**

**By the end of the course, the student will be able**

CO-1	To Recall the structure of constitution, to list the fundamental rights, features Fundamental duties and Preamble and directive principles of Constitution
CO-2	To Illustrate the powers and functions of various committees framed by Indian constitution.
CO-3	To Identify the organizational structure of Indian constitution, the roles and functions of ministerial committees
CO-4	To Distinguish the roles, powers and functions of Judiciary.

**V SEMESTER – B.Com**  
**Subject – Financial Management**

UNIT	Content	Hours Allotted
I	<b>Introduction to Financial Management:</b> Introduction – Meaning of Finance, Business Finance, Finance Function, Aims of Finance Function; Organization Structure of Finance Department, Financial Management, Goals of Financial Management, Financial Decisions, Role of Financial Manager, Financial Planning - Steps in Financial Planning, Principles of sound Financial Planning, and Factors influencing sound Financial Plans.	10
II	<b>Time Value of Money:</b> Introduction – Meaning and Definition, Need, Future Value (Single Flow – Uneven Flow and Annuity), Present Value (Single Flow	12



	– Uneven Flow and Annuity), Doubling Period, Concept of Valuation - Valuation of Bonds, Debentures and Shares and Simple Problems.	
<b>III</b>	<b>Capital Structure:</b> Introduction – Meaning of Capital Structure, Factors influencing Capital Structure, Optimum Capital Structure, Computation and Analysis of EBIT, EBT, EPS, Leverages and Simple Problems.	<b>12</b>
<b>IV</b>	<b>Capital Budgeting:</b> Introduction – Meaning and Definition of Capital Budgeting, Features, Significance, Process, Techniques - Payback Period, Accounting Rate of Return, Net Present Value, Internal Rate of Return and Profitability Index, and Simple Problems.	<b>16</b>
<b>V</b>	<b>Dividend Policy:</b> Introduction – Meaning and Definition, Determinants of Dividend Policy, Types of Dividends, Bonus Share, Dividend Theories - M.M Model, Walter's Model and Gordon's Model and Problems.	<b>08</b>
<b>VI</b>	<b>Working Capital Management:</b> Introduction, Concept of Working Capital, Significance of adequate Working Capital, Evils of excess or inadequate Working Capital, Determinants of Working Capital, Sources of Working Capital and Problems on determination of Working Capital.	<b>06</b>

#### Statements of Course Outcomes (COs)

By the end of the course, the student will be able

<b>CO-1</b>	To understand types of finance, financial plans and will be able to make financial planning
<b>CO-2</b>	To calculate time value of money and valuation of Bonds, Debentures and Shares
<b>CO-3</b>	To understand different capital structures, computation of leverages etc
<b>CO-4</b>	To be able to understand different techniques of capital budgeting and prepare capital budgeting.
<b>CO-5</b>	To comprehend the concept of theories of dividend policy and dividend payout decisions.
<b>CO-6</b>	To determine working capital and identify the factors to be considered while determining working capital.

### V SEM – B.Com Subject – Income Tax -I

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Brief History of Income Tax</b> (12 hours): Basic Concepts - Assessee, Person, Income, Casual Income, Assessment Year, Previous Year, Agricultural Income, Gross Total Income, Total Income, and Exempted Incomes under Section 10.	<b>12</b>

<b>II</b>	<b>Residential Status</b> (14 hours): Determination of Residential Status of an Individual and Incidence of Tax on the basis of Residential Status of Individual; Computation of Total Income of an Individual on the basis of Residential Status.	<b>14</b>
<b>III</b>	<b>Computation of Income under the head ‘Salary’</b> (24 hours): Meaning of Salary, Features, Allowances – Perquisites and their Valuation, Provident Funds and their Income Tax Provisions, Retirement Benefits – Gratuity, Earned Leave and Commutation of Pension.	<b>24</b>
<b>IV</b>	<b>Deductions</b> (10 hours): Under Sections 80C to 80U - 80C, 80CCD, 80D, 80DD, 80E, 80G and 80U; Problems on 80C and 80 G only, and Computation of Total Income based on Salary Income only.	<b>10</b>
<b>V</b>	<b>Income Tax Authorities and their Powers</b> (4 hours)	<b>04</b>

#### Statements of Course Outcomes (COs)

<b>CO-1</b>	To make aware about provisions of direct tax with regard to IT Act, 1961 and IT Rules, 1962.
<b>CO-2</b>	To make aware about agriculture income, residential status and incidence/charge of tax.
<b>CO-3</b>	To understand the various benefits, allowances and deductions available for individuals under the head of ‘salary’.
<b>CO-4</b>	To understand the various deductions to be made from gross total income U/s 80-C to 80-U in computing total income.
<b>CO-5</b>	To make aware about the power and responsibilities of Tax authorities.

#### V SEMESTER – B.Com Subject – Business Statistics - I

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Introduction to Statistics:</b> Meaning, Definitions, Functions, Scope and Limitations of Statistics and Distrust of Statistics.	<b>10</b>
<b>II</b>	<b>Data and its Collection:</b> Types of Data – Primary and Secondary Data – Methods for Collection of Primary Data – Sources of Secondary Data – Classification – Meaning and Types; Tabulation – Meaning, Rules for Construction of Tables, Parts of Statistical Table and Problems on Tabulation	<b>12</b>

<b>III</b>	<b>Diagrammatic and Graphic Representation of Statistical Data:</b> Meaning, Types of Diagrams, Simple, Multiple, Subdivided and Percentage, Histogram – Location of Mode through Histogram and Frequency Polygon; and Ogive Curves – Location of Median and Quartiles through Ogive Curves.	<b>14</b>
<b>IV</b>	<b>Measures of Central Tendency:</b> Meaning and Definition, Types of Averages – Arithmetic Mean (Simple and Weighted), Median, Mode (excluding missing Frequency problems).	<b>16</b>
<b>V</b>	<b>Measures of Dispersion:</b> Meaning, Absolute and Relative Measures of Dispersion, Types of Dispersion – Range, Quartile Deviation, Standard Deviation, and Co-Efficient of each Method.	<b>06</b>
<b>VI</b>	<b>Skewness:</b> Meaning, Types of Skewness, Measures of Skewness, Absolute and Relative Measures of Skewness, Karl Pearson's Coefficient of Skewness and Bowley's Coefficient of Skewness.	<b>06</b>

#### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able**

<b>CO-1</b>	Enable the students to understand about the statistics.
<b>CO-2</b>	To keep them aware about the concepts of data, methods for collection of data, classification of and preparation of tabulation.
<b>CO-3</b>	Enable the students to understand about diagrams and to prepare graphical representation of statistical data.
<b>CO-4</b>	To familiarize the students about exposure on calculation of measures of average and to solve problems on Mean, Median and Mode.
<b>CO-5</b>	To keep them aware about obtaining the solutions of Measures of Dispersion.
<b>CO-6</b>	To keep them aware about Skewness and measure of Skewness.

### **V SEM – B.Com** **Subject – Cost Accounting**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Introduction to Cost Accounting:</b> Meaning and Definition of Cost, Costing, Cost Accounting and Cost Accountancy, Objectives, Scope, Advantages and Limitations of Cost Accounting, Differences between Financial Accounting and Cost Accounting, Methods and Techniques of Cost Accounting	<b>8</b>
<b>II</b>	<b>Elements of Cost:</b> Cost Unit, Cost Centre, Classification of Costs, Problems on Cost Sheet (including Job and Batch Cost Sheet), Tenders and quotations	<b>12</b>

<b>III</b>	<b>Material Cost Control:</b> Materials - Meaning and Types, Material Cost Control - Meaning and Objectives, Purchase of Materials – Centralized and Decentralized Purchasing, Purchase Procedure, Stores Control - Meaning and Techniques, Fixation of Stock Levels, EOQ, ABC Analysis, VED Analysis, Just in Time, Perpetual Inventory System, Bin Card, Stores Ledger, Pricing of Material Issues - FIFO, LIFO, Simple Average and Weighted Average Methods, and Problems thereon	<b>12</b>
<b>IV</b>	<b>Labour Cost Control:</b> Labour - Meaning and Types; Cost Control, Time Keeping and Time Booking, Treatment of Idle Time and Over Time, Labour Turnover, Methods of Wage Payment - Time Rate, Piece Rate and Incentives Plans - Halsey Plan, Rowan Plan, Emerson's Efficiency Plan; Statement of Wage Sheet, and Problems thereon	<b>12</b>
<b>V</b>	<b>Overhead Cost Control:</b> Meaning, Classification of Overheads, Allocation and Apportionment of Overheads, Primary Overhead Distribution Summary, Secondary Overhead Distribution Summary, Re-apportionment of Overheads - Direct Distribution, Step Ladder Method; Absorption of Overheads – Methods of Absorption - Problems on Allocation, Apportionment, Re-apportionment and Absorption of Overhead Expenses including Machine Hour Rate	<b>12</b>
<b>VI</b>	<b>Reconciliation of Cost and Financial Accounts:</b> Meaning of Reconciliation, Need for Reconciliation, Reasons for differences in Profit or Loss shown by Cost Accounts and Financial Accounts, and Problems on Reconciliation Statement including Memorandum Reconciliation Account	<b>8</b>

#### **Statements of Course outcomes (COs)**

**By the end of the course, the student will be able**

<b>CO-1</b>	Understand the concepts of cost accounting and to expose them to a broad range of cost accounting concepts and their terminology.
<b>CO-2</b>	To gather knowledge on preparation of cost sheet in its practical point of view.
<b>CO-3</b>	To facilitate the idea and meaning of material control with different methods and to know the methods of calculating stock consumption.
<b>CO-4</b>	To develop the knowledge about remuneration and incentives plans.
<b>CO-5</b>	To understand the concept of overhead cost and to understand the classification of overheads & methods of absorption
<b>CO-6</b>	Understand the reasons for differences in profits reported by cost accounting and financial accounting.

### **V SEMESTER – B.Com** **Subject – Advanced Accounts**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Mergers and Acquisitions:</b> Meaning of Amalgamation and Acquisition, Types of Amalgamation – Amalgamation in the nature of Merger – Amalgamation in the nature of Purchase - Methods of Purchase Consideration – Calculation of Purchase Consideration (Ind AS 103) (Old AS14), Net Asset Method - Net Payment Method, Accounting for Amalgamation - Entries and	<b>22</b>

	Ledger Accounts in the Books of Transferor Company and Transferee Company and Preparation of New Balance Sheet (Vertical Format).	
<b>II</b>	<b>Internal Reconstruction:</b> Meaning – Objective – Procedure – Form of Reduction – Passing of Journal Entries – Preparation of Reconstruction Accounts – Preparation of Balance Sheet after Reconstruction (Vertical Format) and Problems	<b>10</b>
<b>III</b>	<b>Holding Company Accounts:</b> Meaning of Holding Company and Subsidiary Companies – Concepts of Minority Interest – Majority Interest – Capital Profit – Revenue Profit – Cost of Control – Unrealized Profit included in Stock and Problems on Holding Company Accounts (excluding Cross and Chain Holding).	<b>16</b>
<b>IV</b>	<b>Investment Accounting:</b> Introduction – Classification of Investment – Cost of Investment – Cum-Interest and Ex-Interest – Securities – Bonus Shares - Right Shares – Disposal of Investment – Valuation of Investments – Procedures of Recording Shares and Problems.	<b>12</b>
<b>V</b>	<b>Human Resources Accounting:</b> Meaning, Objectives, Methods, Advantages and Limitations and problems thereon.	<b>04</b>

#### Statements of Course Outcomes (COs)

By the end of the course, the student will be able

<b>CO-1</b>	To enable the students to understand the concepts of Amalgamation, Acquisition, Ledger Accounts and Preparation of New Balance Sheet in the Vertical Format.
<b>CO-2</b>	To enable the students to understand internal reconstruction and Preparation of Reconstruction Accounts & also Balance Sheet after Reconstruction.
<b>CO-3</b>	Make familiarize the students about knowledge regarding Holding Company Accounts.
<b>CO-4</b>	Keep them aware about Investment Accounting and preparation of Investments Accounts.
<b>CO-5</b>	To familiarize the students about Human Resource Accounting.

#### VI SEM – B.Com Subject – Goods and Services Tax

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Introduction to Goods and Services Tax (GST) :</b> Introduction to GST, Meaning and Definition, Objectives and basic scheme of GST, Salient features of GST – Subsuming of taxes – Benefits of implementing GST – Constitutional amendments - Structure of GST (Dual Model) – Central GST – State/Union Territory, GST – Integrated GST; GST Council - Structure, Powers and Functions, and provisions for amendments	<b>18</b>

<b>II</b>	<b>Goods and Services Act, 2017 :</b> CGST Act, SGST Act (Karnataka State), and IGST Act - Salient features of CGST Act, SGST Act (Karnataka State), IGST Act. Meaning and Definition: Aggregate turnover, Adjudicating authority, Agent, Business, Capital goods, Casual Taxable Person, Composite supply, Mixed supply, Exempt supply, Outward supply, Principal Supply, Place of Supply, Supplier, Goods, Input Service Distributor, Job work, Manufacture, Input tax, Input tax credit, Person, Place of business, Reverse charge, Works contract, Casual taxable person, Non-resident person; Export of goods or services, Import of goods or services, Intermediary, Location of supplier of service, Location of recipient of service and simple problems on Composite Supply and Mixed Supply	8
<b>III</b>	<b>Procedure and Levy under GST:</b> Registration under GST, Procedure for registration, Persons liable for registration, Persons not liable for registration, Compulsory registration, Deemed registration, Special provisions for Casual taxable persons and Non-resident taxable persons; Exempted goods and services, Rates of GST. Procedure relating to Levy (CGST and SGST): Scope of supply, Tax liability on Mixed and supply, Time of supply of goods and services Value of taxable supply, Computation of taxable value and tax liability on Goods and Services. Procedure relating to Levy: (IGST): Inter-state supply, intra-state supply, Zero rates supply, Value of taxable supply – Computation of taxable value and tax liability; Input tax Credit - Eligibility, Apportionment, Inputs on capital goods, Distribution of credit by Input Service Distributor (ISD) – Transfer of Input tax credit and simple problems on utilization of input tax credit.	32
<b>IV</b>	<b>Assessment and Returns :</b> Meaning, types of assessment - First return, Claim of input tax credit, Matching reversal and reclaim of input tax credit, Annual return and Final return and Problems on Assessment of tax and tax liability.	10
<b>V</b>	<b>GST and Technology :</b> GST Network: Structure, Vision and Mission, Powers and Functions; Goods and Service Tax Suvidha Providers (GSP): Concept, Framework and Guidelines and architecture to integrate with GST system; and GSP Eco System. (Theory only).	6

### Statements of Course Outcomes (COs)

#### By the end of the course, the student will be able

<b>CO-1</b>	Enable the students to learn the concepts indirect tax and GST from the pre-GST period to post- GST period.
<b>CO-2</b>	Understand the importance of indirect taxes (GST) in the Indian and global economy and its contribution to the economic development
<b>CO-3</b>	Distinguish the earlier indirect tax system and present indirect tax system

<b>CO-4</b>	Explain the structure of GST
<b>CO-5</b>	Analyze the benefits of GST
<b>CO-6</b>	Describe the functions, powers and structure of GST Council and GSTN
<b>CO-7</b>	Define basic concepts and terms under CGST Act and IGST Act
<b>CO-8</b>	Explain the provisions of levy and collection of GST
<b>CO-9</b>	Describe the provisions of Reverse Charge Mechanism and composition scheme of levy
<b>CO-10</b>	Explain the concept of time, place and value of supply
<b>CO-11</b>	Explain importance and benefits of Input Tax Credit
<b>CO-12</b>	Describe the provisions ,types and procedures of Registration
<b>CO-13</b>	Outline the provisions concerned with payment of Tax, interest, IDS, TCS , Refund and returns
<b>CO-14</b>	Explain various types of Assessment under CGST Act
<b>CO-15</b>	Describe provisions of Audit, Search & Seizure
<b>CO-16</b>	Explain various Appellate Authorities under GST regime and its powers

**V SEMESTER – B.Com**  
**Subject – Quantitative Techniques - I**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Arithmetic and Geometric Progression</b> : Arithmetic Progression, Geometric Progression, Some of nth Term of Arithmetic Progression and Geometric Progression, Arithmetic Mean and Geometric Mean.	<b>08</b>
<b>II</b>	<b>Matrices and Determinants Matrices</b> : Matrices, Types of Matrices; Operation of Addition, Subtraction and Multiplication of Matrix with Special Application to Business; Transpose of Matrix, Determinants of Square Matrix, Cramer's Rule with Two and Three Unknown Properties, Adjoint of a Square Matrix, and Inverse of a Square Matrix (excluding Matrix Method).	<b>13</b>
<b>II I</b>	<b>Differential Calculus:</b> Variables and Constant, Function, Real/Valued Function, Limits of Function, Methods of Evaluating Limits, Differentiation of Linear Function, Finding Maxima and Minima of a Function, Application of Differential to Commerce, (excluding Derivations).	<b>13</b>
<b>IV</b>	<b>Linear Programming</b> : Linear Inequalities, Liner Programming, Formation of Linear Programming Problems, Mode/Solutions to Linear Programming Problems by Graphic and Simplex Method (problems to be restricted to two variables).	<b>14</b>

<b>V</b>	<b>Theory of Probability:</b> Introduction, Random Experiments, Sample Space and Probability, Theory of Expectations, Random Variables, Problems related to Probability based on Combination, Law of Probability, Events, and Compound Events.	<b>10</b>
<b>VI</b>	<b>Theoretical Distribution :</b> Introduction, Binomial Distribution, Poisson Distribution, Normal Distribution, and Problems	<b>06</b>

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able**

<b>CO-1</b>	Enable the students to understand Arithmetic and Geometric progression and to solve the problems on them.
<b>CO-2</b>	Make familiarize the students about Matrices and Determinants and to solve problems.
<b>CO-3</b>	Make familiarize the students about Differential Calculus
<b>CO-4</b>	Enable the students to understand Linear Programming and to solve problems on Graphical and Simplex method.
<b>CO-5</b>	Give an exposure to Theory of Probability, random experiments, sample space and predict the values.
<b>CO-6</b>	Keep them aware about theoretical distribution to solve the problems on Binomial, Poisson and Normal Distribution.

### **V SEMESTER – B.Com**

#### **Subject: 508- Logical and Analytical Reasoning**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Logical Reasoning:</b> Venn Diagram, Logical Sufficiency and Seating Arrangement.	<b>6</b>
<b>II</b>	<b>Intellectual Reasoning:</b> Blood Relations, D Calendar, Series, Coding and Decoding	<b>7</b>
<b>III</b>	<b>Verbal and Non-verbal Reasoning:</b> Verbal Alphabetical Analogy, Puzzles and Abstract Reasoning.	<b>4</b>
<b>IV</b>	<b>Analytical Reasoning:</b> Cause and Effective Conclusions, Statement and Arguments and Statement and Assumptions.	<b>5</b>
<b>V</b>	<b>Mathematical Reasoning:</b> Problems related to Wages, Speed – Distance, Percentage and Average, Ratio and Proportion.	<b>6</b>
<b>VI</b>	<b>Data Interpretation:</b> Problems on Tables and Graph.	<b>4</b>



## Statements of Course Outcomes (COs)

By the end of the course, the student will be able

<b>CO-1</b>	To understand the concepts of Venn diagram and problems on seating arrangements.
<b>CO-2</b>	To solve problems on blood relations, coding and decoding.
<b>CO-3</b>	To solve puzzles and reasoning questions
<b>CO-4</b>	To improve the skills on analytical reasoning like identifying the cause and effect.
<b>CO-5</b>	To solve the mathematical problems like speed, distance, percentages etc
<b>CO-6</b>	To analyzing the data and presenting in table and graph format

## VI SEMESTER – B.Com

### Subject: 601: International Financial Reporting Standards

UNIT	Content	Hours Allotted
<b>I</b>	<b>Introduction to IFRS:</b> Meaning and Scope of IFRS, Need for IFRS, GAAP Vs IAS, IAS Vs IFRS, Nature and Operations of IASB and IFRIC, Status and use of IFRS around the World.	<b>8</b>
<b>II</b>	<b>Profit Presentation:</b> Presentation of Financial Statements (IAS - 1) Revenue (IAS - 18) and Accounting Policies, Changes in Accounting Estimates and Errors (IAS - 8)	<b>8</b>
<b>III</b>	<b>Group Accounting:</b> Consolidated Financial Statements and Accounting for Investment in Subsidiaries (IAS - 27), Accounting for Investments in Associates (IAS - 28), Joint Ventures (IAS - 31), and Business Combinations (IFRS - 3)	<b>12</b>
<b>IV</b>	<b>Disclosure:</b> Related Party Disclosures (IAS - 24), Earning per Share (IAS - 33) and Interim Financial Reporting (IAS - 34), and First Time Adoption of IFRS (IFRS - 1)	<b>14</b>
<b>V</b>	<b>Asset Recognition and Measurement:</b> Property, Plant and Equipment (IAS - 16), Intangible Assets (IAS - 38), Investment Property (IAS - 40), Inventories (IAS - 2), and Leases (IAS - 17).	<b>14</b>
<b>VI</b>	<b>Accounting for Liabilities:</b> Share Based Payment (IFRS - 2), Provisions, Contingent Assets and Contingent Liabilities (IAS - 37), and Events after the Reporting Period (IAS - 10).	<b>8</b>

## Statements of Course Outcomes (COs)

By the end of the course, the student will be able

<b>CO-1</b>	To know the various accounting standards, boards and its nature and operations.
<b>CO-2</b>	To understand in preparing of the financial statements in accordance with companies act 2013.
<b>CO-3</b>	To understand the computation of goodwill, non controlling interest and preparation of consolidated financial statements.
<b>CO-4</b>	To understand the computation of basic and diluted EPS in accordance with Ind AS33.
<b>CO-5</b>	To understand the valuation and measurement of asset as per Ind AS.
<b>CO-6</b>	To know how to treat adjustable and non-adjustable events as per Ind AS.

## VI SEM – B.Com Subject – Income Tax- II

UNIT	Content	Hours Allotted
<b>I</b>	<b>Income from House Property:</b> Basis of Charge – Deemed Owners – Exempted Incomes from House Property – Annual Value – Determination of Annual Value – Treatment of Unrealized Rent – Loss Due to Vacancy – Deductions from Annual Value and Problems on Income from House Property.	<b>14</b>
<b>II</b>	<b>Profits and Gains of Business and Profession</b> (Individual Assessee: Meaning and Definition of Business, Profession – Vocation - Expenses expressly Allowed – Allowable Losses – Expenses expressly Disallowed – Expenses Allowed on Payment Basis - Problems on Business relating to Sole Trader and Problems on Profession relating to Chartered Accountant, Advocate and Medical Practitioner.	<b>16</b>
<b>III</b>	<b>Capital Gains:</b> Basis of Charge – Capital Assets – Transfer of Capital Assets – Computation of Capital Gains –Exemptions U/S 54, 54B, 54D, 54EC, 54F and Problems on Capital Gains.	<b>12</b>
<b>IV</b>	<b>Income from other Sources:</b> Incomes – Taxable under the head ‘Other Sources’ – Securities – Kinds of Securities – Rules for Grossing Up – Ex-Interest Securities – Cum-Interest Securities – Bond Washing Transactions and Problems on Income from Other Sources.	<b>10</b>
<b>V</b>	<b>Set-off and Carry Forward of Losses, Computation of Total Income and Tax Liability:</b> Meaning – Provision for Set-off and Carry Forward of Losses (theory only); Computation of Total Income and Tax Liability of an Individual Assessee (excluding Salary Income).	<b>08</b>

<b>VI</b>	<b>Filing of Returns and Assessment Procedure:</b> PAN, TAN, E-Filing and IT Challan.	<b>04</b>
-----------	---	-----------

#### Statements of Course Outcomes (COs)

<b>CO-1</b>	To helps to build an idea about income from house property as a concept.
<b>CO-2</b>	It gives more idea about the income from business or profession.
<b>CO-3</b>	To develop an idea about capital gain among students.
<b>CO-4</b>	To enlighten the concept of income from other source.
<b>CO-5</b>	To make the students to handle different types of income computations to arrive at the taxable income.
<b>CO-6</b>	Familiarise the students about the tax assessment measures for different perspectives in income calculations.

### **VI SEMESTER – B.Com** **Subject: 603: Business Statistics – II**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Correlation Analysis:</b> Meaning – Methods of Studying Correlation, Karl Pearson's Co-efficient of Correlation (Simple Correlation and Table Correlation) and Probable Error.	<b>14</b>
<b>II</b>	<b>Regression Analysis:</b> Meaning - Correlation Vs Regression, Determination of Regression Co-efficient, Framing Regression Equations, Simple Regression and Regression for Grouped Data.	<b>18</b>
<b>III</b>	<b>Index Numbers</b> :Meaning and Definition – Uses – Classification – Construction of Index Numbers – Methods of constructing Index Numbers – Simple Aggregative Method – Simple Average of Price Relative Method – Weighted Index Method – Fisher's Ideal Method (including TRT and FRT) – Consumer Price Index and Problems.	<b>12</b>
<b>IV</b>	<b>Interpolation and Extrapolation:</b> Meaning – Utility – Algebraic Methods – Binomial and Newton's Methods only.	<b>12</b>
<b>V</b>	<b>Association of Attributes:</b> Meaning – Correlation Vs Association of Attributes, Methods of Studying Association – Yule's Method only	<b>4</b>
<b>VI</b>	<b>Statistical Quality Control:</b> Meaning – Objectives – Control Charts and their Uses, Types of Control Charts, Construction Charts, Construction of Mean and Range Charts only	<b>4</b>

#### Statements of Course Outcomes (COs)

#### By the end of the course, the student will be able

<b>CO-1</b>	Enable the students to understand Correlation analysis. Predict values and extent of relationship between variables using Karl Person's co-efficient of Correlation and its probable error.
-------------	---

<b>CO-2</b>	Enable the students to understand the concept of Regression Co-efficient, Regression Line, Equations and Predict values co-efficient of Correlation using bxy and byx.
<b>CO-3</b>	Make familiarize the students about Index number and solve problems on consistency test and cost of living index numbers.
<b>CO-4</b>	Keep them aware about Interpolation and Extrapolation: Predict values using - Binomial and Newton's Methods.
<b>CO-5</b>	Enable them to understand Association of Attributes Association – Yule's Method
<b>CO-6</b>	Give an exposure to Statistical Quality control and Construction of Mean and Range Charts.

**VI SEM – B.Com**  
**Subject –Cost Accounting Methods & Techniques**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Contract Costing:</b> Meaning, Nature and Types of Contract, Difference between Contract Costing and Job Costing, Concepts of Escalation Clause, Retention Money, Profit on Incomplete Contracts and Problems.	<b>10</b>
<b>II</b>	<b>Process Costing:</b> Meaning, Nature and Applicability, By-Products and Joint Products and Problems on Process Costing including Joint Products and By-Products	<b>12</b>
<b>III</b>	<b>Operating Costing:</b> Meaning and Applicability of Operating Costing, Operating Cost and its Classification, Problems on Preparation of Operating Cost Sheet (only Transport Undertakings).	<b>10</b>
<b>IV</b>	<b>Marginal Costing:</b> Meaning, Basic Concepts, Assumptions, Marginal Cost Statements, Contribution, BE Analysis, P/V Ratio, BEP, Margin Of Safety and Problems.	<b>14</b>
<b>V</b>	<b>Standard Costing:</b> (10 hours): Meaning, Definitions, Differences between Standard Costing and Budgetary Control, Analysis of Variances, Problems on Material Cost Variance - Material Price Variance, Material Usage Variance; Labour Cost Variance, Labour Rate Variance, and Labour Efficiency Variance.	<b>10</b>
<b>VI</b>	<b>Activity Based Costing and Learning Curve Theory:</b> Concept of Activity Based Costing, Cost Drivers and Cost Pools, Allocation of Overheads under ABC – Characteristics, Implementation and Benefits of ABC; Concept and Phases of Learning Curve, Graphical Representation, Learning Curve Applications and Factors affecting Learning Curve (theory only)	<b>8</b>

**Statements of Course outcomes (COs)**

**By the end of the course, the student will be able,**

<b>CO-1</b>	To understand the concept of contract costing and Accumulate total cost of a contract assigned.
<b>CO-2</b>	To comprehend various aspects of process costing along and to Define the process to compute total cost of a product belong to various production processes.

<b>CO-3</b>	To know the concept of operating costing and to ascertain the cost of transportation undertaking.
<b>CO-4</b>	To be aware of the concept of marginal costing and define the terms with regard to BEP analysis.
<b>CO-5</b>	To identify with the concept of standard costing and Define the terms with regard to variance analysis.
<b>CO-6</b>	To interpret Activity Based Costing concepts like cost drivers, cost pools etc and also will be able to learning curve concepts and phrases

**VI SEM – B.Com**  
**Subject – Management Accounting**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Management Accounting:</b> Meaning and Definition of Management Accounting, Scope and Objectives of Management Accounting – Differences between Management Accounting and Financial Accounting – Management Accounting and Cost Accounting and Limitations of Management Accounting.	<b>10</b>
<b>II</b>	<b>Analysis of Financial Statements :</b> Meaning and Definition of Financial Statements – Financial Analysis – Types of Financial Analysis, Techniques of Financial Analysis - Common Size Statements, Comparative Statements and Trend Analysis and Problems..	<b>10</b>
<b>III</b>	<b>Ratio Analysis :</b> Meaning and Objectives – Types of Ratios – Re-arrangement of Income Statements and Balance Sheet – (A) Profitability Ratios – GP Ratio, NP Ratio, Operating Ratio – Operating Profit Ratio - Return on Capital Employed Ratio – EPS; (B) Turnover Ratios – Debtors Turnover Ratio – Creditors Turnover Ratio; (C) Financial Ratios, Current Ratio - Liquidity Ratio, Debt-Equity Ratio, Capital Generating Ratio and Advantages and Limitations of Ratios.	<b>14</b>
<b>IV</b>	<b>Fund Flow Analysis :</b> Meaning, Concepts of Funds – Meaning and Definition of Fund Flow Statements – Uses and Limitations – Procedure for Preparation of Funds Flow Statement – Statement of Changes in Working Capital, Statement of Funds from Operations, and Statements of Sources and Application of Funds.	<b>10</b>
<b>V</b>	<b>Cash Flow Statements (10 hours):</b> Meaning, Definition, Uses and Limitations- Differences between Fund Flow Statement and Cash Flow Statement – Preparation of Cash Flow Statements (Ind AS - 7): Direct Method and Indirect Method	<b>10</b>
<b>VI</b>	<b>Budgetary Control (10 hours):</b> Meaning of Budget, Budgeting and Budgetary Control, Types of Budgets, Limitations of Budgetary Control,	<b>10</b>

	Problems on Sales Budget and Flexible Budget.	
--	---	--

### Statements of Course Outcomes (COs)

#### By the end of the course, the student will be able

<b>CO-1</b>	To explain the application of management accounting and the various tools used.
<b>CO-2</b>	To make inter-firm and inter-period comparison, of financial statements.
<b>CO-3</b>	To analyse the financial statement using various ratios.
<b>CO-4</b>	To prepare Fund Flow Statement and Cash Flow Statement.
<b>CO-5</b>	To prepare different budgets for the business.

### VI SEMESTER – B.Com

#### 606: Principles and Practice of Auditing

UNIT	Content	Hours Allotted
<b>I</b>	<b>Introduction to Auditing</b> : Meaning, Definition, Objectives, Types of Audit, Advantages and Disadvantages of Audit, Preparation before Commencement of New Audit, Audit Note, Audit Working Paper, Audit Programme, Recent Trends in Auditing, Nature and Significance of Tax Audit, Cost Audit and Management Audit.	<b>12</b>
<b>II</b>	<b>Internal Check</b> : Meaning, Objectives, Fundamental Principles, Internal Check as Regards Wage Payment, Cash Book, Purchases, Cash Sales; Merits of Internal Check, Differences between Internal Check and Internal Audit.	<b>10</b>
<b>III</b>	<b>Vouching</b> : Definition, Importance, Objectives, Routine Checking and Vouching - Types of Vouchers, Vouching Receipts, Cash Sales, Receipts from Debtors, Proceeds of Sales, Sale of Investment, Vouching of Payments, Cash Purchase and Payment to Creditors.	<b>14</b>
<b>IV</b>	<b>Verification and Valuation of Assets and Liabilities:</b> Meaning and Objectives of Verification and Valuation - Position of an Auditor as regards the Valuation of Assets - Verification and Valuation of different Items - Land and Building, Plant and Machinery, Goodwill – Investments - Stock in Trade, Bills Payable and Sundry Creditors.	<b>14</b>
<b>V</b>	<b>Company Audit and Others:</b> Company Auditor – Appointment – Qualifications - Powers – Duties and Liabilities; Types of Audit Report - Clean and Qualified Report, Audit of Educational Institutions, Audit of Insurance Company and Audit of Cooperative Societies	<b>10</b>
<b>VI</b>	<b>Audit Standards</b> : Audit of Computerized Accounts - Audits in an EDP -	<b>4</b>

	General EDP Controls, EDP Application Controls and Computer Assist Auditing Techniques	
--	--	--

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able**

<b>CO-1</b>	To understand basic concepts pertaining to Auditing and significance of auditing
<b>CO-2</b>	To make out the difference between internal and external check
<b>CO-3</b>	To understand basic concepts and different types of vouchers
<b>CO-4</b>	To make verification and valuation of different items
<b>CO-5</b>	To understand different types of audit reports
<b>CO-6</b>	To understand different audit techniques like computer assist auditing techniques

### VI SEMESTER – B.Com

#### Subject: 607E- Quantitative Techniques – II

UNIT	Content	Hours Allotted
<b>I</b>	<b>Games and Strategies</b> : Introduction to Games, Two-Person Zero-Sum Games, Some Basic Terms, the Maxi-min– Mini-max Principle, Games without Saddle Points - Mixed.	<b>10</b>
<b>II</b>	<b>Assignment Problems</b> :Introduction, Mathematical Function of the Problems, Assignment Cases in Assignment Problems, Typical Assignment Problem, and Travelling Salesman Problem	<b>10</b>
<b>III</b>	<b>Transportation Problems</b> : Introduction, General Transportation Problem, Transportation Table, Duality in Transportation Problem, Loops in Transportation Problem, LP Formulation of the Transportation Problem, Solution of a Transportation Problem, Finding an Initial Basic Feasible Solution, and Test for Optimality	<b>12</b>
<b>IV</b>	<b>Decision Analysis</b> Introduction, Decision Making Problem, Decision Making Process, Decision Making Environment, Decision under Uncertainty, Decisions under Risk, and Decision Tree Analysis.	<b>10</b>
<b>V</b>	<b>Simulation</b> : Introduction, Why Simulation, Methodology of Simulation, Simulation Models, Event-Type Simulation; Generation of Random Numbers; Monte-Carlo Simulation, Simulation of Inventory Problems, Simulation of Queuing System, Simulation of Maintenance Problems, Simulation of Investment and Budgeting, Simulation of Job Sequencing, Advantages and Limitations of Simulation.	<b>12</b>
<b>VI</b>	<b>Project Management</b> (10 hours): Introduction, Basic Concepts of Network Analysis, Time Estimates in Vertical Path Analysis, PERT and CPM, Simple	<b>10</b>

	Problems on PERT and CPM.	
--	---------------------------	--

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able**

<b>CO-1</b>	To enable the students to understand the concept of Game theory and to solve problems on game using various methods.
<b>CO-2</b>	To keep them aware about Assignment Problem and enable the students to solve assignment problems.
<b>CO-3</b>	To enable the Students to gain an idea about Transportation Concepts to solve the problems to find the Initial Basic Feasible Solution.
<b>CO-4</b>	To keep them aware about Decision theory analysis- Decision making under uncertainty.
<b>CO-5</b>	To familiarize the students about Simulation, Queuing System to solve the problems.
<b>CO-6</b>	To give an exposure to Project Management-Network Analysis, Network Diagrams and to find Critical Path also estimation of Time.

### VI SEMESTER – B.Com

#### Subject: 608: Soft Skills

UNIT	Content	Hours Allotted
<b>I</b>	<b>Elements of Communication:</b> Meaning, Importance, Objectives and Principles of Communication, Types and Forms of Communication, Process, Impediments of Effective Communication, and Strategies for Effective Communication.	<b>4</b>
<b>II</b>	<b>Non-verbal Communication:</b> Body Language, Gestures, Postures, Facial Expressions, Dress Codes, Cross Cultural Dimensions of Business Communication, Listening and Speaking, Techniques of Eliciting Response, Probing Questions, Observation, Business and Social Etiquettes.	<b>8</b>
<b>III</b>	<b>Public Speaking:</b> Principles of Effective Speech and Presentations, Technical Speeches and Non-Technical Presentations, Speech of Introduction of a Speaker - Speech of Vote of Thanks - Occasional Speech - Theme Speech; Moderating Programs and Use of Technology	<b>8</b>
<b>IV</b>	<b>Interview Techniques:</b> Importance of Interviews, Art of Conducting and Giving Interviews, Placement Interviews - Discipline Interviews - Appraisal Interviews and Exit Interviews.	<b>6</b>
<b>V</b>	<b>Meetings:</b> Importance, Meetings Opening and Closing Meetings Participating and Conducting Group Discussions, Brain Storming, and E- Meetings, Career Counseling, and Resume Preparation.	<b>6</b>



## Statements of Course Outcomes (COs)

**By the end of the course, the student will be able**

<b>CO-1</b>	Know basic necessities for effective communication and Strategies for Effective Communication.
<b>CO-2</b>	Use different types of communication modes and improve their listening skill and communication skill
<b>CO-3</b>	Make public speeches with the usage of different technologies
<b>CO-4</b>	Face different types of interviews and will improve their writing and interview attending skills
<b>CO-5</b>	Know different types of meetings and its importance
<b>CO-1</b>	Know basic necessities for effective communication and Strategies for Effective Communication.

**I Semester – B.Com**  
**Subject – Fundamentals of Financial Accounting-I**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Introduction</b> (10 hours): Meaning and Definition of Accounting, Importance of Accounting, Types and Rules of Accounts, Accounting concepts – Business Entity Concept, Going Concern Concept, Accounting Period Concept, Money Measurement Concept, Dual Aspect Concept and Matching Concept; Accounting Conventions – Consistency, Conservatism, Materiality and Disclosure; Accounting Standards – Meaning and Importance	10
<b>II</b>	<b>Final Accounts of Sole Trading Concerns</b> (16 hours): Preparation of Manufacturing Account, Trading, and Profit and Loss Account and Balance Sheet.	16
<b>III</b>	<b>Accounting for Consignment Transactions</b> (16 hours): Meaning, Consignment vs Sales, Proforma Invoice, Account Sales, Types of Commission, Goods sent at Cost and at Invoice Price, Valuation of Stock, Normal and Abnormal Loss; Journal Entries, Ledger Accounts in the books of Consignor and Consignee (excluding Memorandum Methods).	16
<b>IV</b>	<b>Joint Venture</b> (14 hours): Meaning and Objectives, Joint Venture vs Consignment, Methods of maintaining Accounts – (a) separate set of Accounts (Joint Bank System) and (b) recording of all Joint Venture Transactions in the books of each of the Ventures.	14
<b>V</b>	<b>Bank Reconciliation Statement</b> (8 hours): Meaning of Bank Reconciliation Statement, Reasons for the differences in the two balances viz., balances as per Cash Book and Pass Book, Preparation of Bank Reconciliation Statement (excluding Overdraft)	08

**Statements of Course Outcomes (COs)**

**By the end of the course, the student will be able**

<b>CO-1</b>	To give an exposure to acquire conceptual knowledge of basics of accounting.
<b>CO-2</b>	Equip the knowledge of accounting process and preparation of final accounts of Sole

	Trading Concerns.
<b>CO-3</b>	To make them aware and understand the concept of consignment and learn the accounting treatment of the various aspects of consignment.
<b>CO-4</b>	To give an exposure to distinguish between joint venture, consignment and partnership and to learn the methods of maintaining records under Joint Venture.
<b>CO-5</b>	Enable the students to gain an idea about Bank Reconciliation statement.

**I Semester – B.Com**  
**Subject – Market Behavior and Cost Analysis**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Firms and Decisions:</b> Firm - Meaning and Objectives, Profit vs. Value (Wealth) Maximization Dynamics; Decision Making, Decisions under Market Uncertainties, Tactical vs. Strategic Decisions; and Game Theory.	10
<b>II</b>	<b>Market Forces:</b> Demand - Meaning, Law of Demand, Nature of Elasticity of Demand, Determinants of Elasticity of Demand, Cost of Advertisement and Derived Demand Relations, Measurement of Elasticity under Graphic Method (Concepts only); Demand Forecasting – Meaning and Methods (Problems on Trend Projection by Least Squares Method); Supply - Law of Supply, Determinants of Supply.	10
<b>III</b>	<b>Cost and Profit Planning:</b> Cost, Meaning of Short-run and Long-run Costs, Fixed and Variable Costs, Explicit and Implicit Costs, Opportunity Cost and Incremental Cost (Concepts only); Total Cost, Average Cost and Marginal Cost behavior in Short-run And Long-run (including problems); CVP Analysis – Break-even Point, Break-even Chart and calculation of Margin of Safety, P/V. Ratio; Profit Planning (including problems on alternative cost and sales values).	14
<b>IV</b>	<b>Pricing Practices and Strategies:</b> Determinants of Pricing Policy, Pricing Methods - Marginal Cost Pricing, Target Rate Pricing, Product Line Pricing, Administered Pricing, Competitive Bidding, Dual Pricing, Transfer Pricing; Price Discrimination – Requirements; Types of Dumping Strategies; Pricing over Product Life Cycle; Skimmed Pricing, Penetration Pricing, Product Line Pricing and Price Leadership; Linear Programming - Problems on Profit Maximization and Cost Minimization in Graphic Method with two variables only.	18
<b>V</b>	<b>Cost of Capital and Capital Budgeting:</b> Meaning and Types of Capital, Specific Cost of Capital - Debt, Preference Shares and Equity Shares; and Weighted Average Cost of Capital (Concepts only); Capital Budgeting - Meaning and Significance, Present Value of Money and its calculation,	12

	Methods of Investment Appraisal (simple problems on Pay-back Period and Net Present Value Methods only).	
--	--	--

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able**

<b>CO-1</b>	To define the importance of profit and wealth maximization and business decision making.
<b>CO-2</b>	To outline the key factors of demand and supply and demand and supply analysis.
<b>CO-3</b>	To apply and calculate various costs and analyzing the Ratios and its influence on the business.
<b>CO-4</b>	To examine the various pricing practices to be adopted by business and its calculations
<b>CO-5</b>	To appraise the various principles and factors necessary for locating a business by analyzing the risk and return strategies.

## I Semester – B.Com Subject – Fundamentals of Business Management

UNIT	Content	Hours Allotted
<b>I</b>	<b>Management:</b> Management - Meaning, Nature, Scope and Importance, Role of Manager, Managerial Skills, Management and Administration, Management as a Science and an Art, Management as Profession.	12
<b>II</b>	<b>Evolution of Management:</b> Taylor's Scientific Management, Fayol's Theory, Elton Mayo and Hawthorne Experiments, Different approaches to Management.	12
<b>III</b>	<b>Planning:</b> Planning - Meaning, Objectives and Importance, Types of Plans, Different approaches to Planning, Strategies - Objectives and Policies.	12
<b>IV</b>	<b>Organizing:</b> Organizing – Meaning; Principles of Organization, Types of Organization, Formal and Informal Organization Structure; Authority and Responsibility, Delegation of Authority; and Span of Control.	10
<b>V</b>	<b>Directing and Controlling:</b> Directing – Meaning, Importance and Principles, Controlling – Need for Control, Features of effective Controlling System, Controlling Techniques – Management by Objectives, Management by Exception and Total Quality Management.	12
<b>VI</b>	<b>Emerging Trends in Management:</b> Meaning and Objectives of Strategic Management, Knowledge Management and Stress Management.	6

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able**

<b>CO-1</b>	To introduce the basic concepts of management and the skills required for a good administrator.
-------------	---

<b>CO-2</b>	To impart the fundamental thoughts of management and different approaches to Management.
<b>CO-3</b>	To convey the significance of planning and the steps and approaches of planning.
<b>CO-4</b>	To put across the skills required for organizing and for effective delegation of authority.
<b>CO-5</b>	To express the need for directing and controlling in an organization for effective management.
<b>CO-6</b>	To comprehend the concept of need for knowledge management and the ways of coping up with stress.

**I SEM – B.Com**  
**Subject – Business Environment and Government Policy**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Introduction to Business Environment:</b> Objectives of Business, Internal and External Environmental Factors, Business, Society and Government International Business Environment.	<b>12</b>
<b>II</b>	<b>Business Environment:</b> Meaning, Objectives of Business, Features of Business, Business Environment, Internal and External Environment - Economic Environment, Social Environment, Cultural Environment, Demographic Environment, Legal Environment, Technological Environment, and Emerging Scenario and Business Policy.	<b>13</b>
<b>III</b>	<b>Globalization:</b> Introduction, Process, Impact of Globalization, World Trade Organization (WTO) – Objectives, Structure and Functions.	<b>12</b>
<b>IV</b>	<b>Multi-national Corporations (MNCs):</b> MNCs- Meaning, Benefits and Drawbacks; Foreign Collaborations, Joint Ventures, Franchising and Strategic Alliance.	<b>9</b>
<b>V</b>	<b>Technology in Business:</b> Introduction, Need and Importance, Technological Factors influencing Business, Benefits and Limitations of Modern Technology to Business.	<b>6</b>
<b>VI</b>	<b>Business and Government:</b> Introduction, Government Intervention and Economic Growth, Regulatory Growth, Promotional Growth, Inter Personal Growth and Planning Growth.	<b>12</b>

**Statements of Course Outcomes (COs)**

**By the end of the course, the student will be able**

<b>CO-1</b>	Introduce the Students to learn the importance of Business Economics.
<b>CO-2</b>	Understand the different concepts of economics such as demand, supply, utility etc.
<b>CO-3</b>	Applies economic analysis in the formulation of business policies.
<b>CO-4</b>	Understanding the students uses the economic reasoning to problems of business.
<b>CO-5</b>	Appreciate key concepts from business ethic and technology in business.

**II SEM – B.Com**  
**Subject – Advanced Financial Accounting**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Hire Purchase Accounting</b> (14 hours): Meaning of Hire Purchase, Hire Purchase vs Sales, Entries and Ledger Accounts in the books of Hire Purchaser and Hire Vendor.	<b>16</b>
<b>II</b>	<b>Departmental Accounts</b> (12 hours): Meaning and Objectives of Departmental Accounts, Difference between Departmental Accounts and Branch Accounts, Apportionment of common expenses among different Departments, Preparation of Departmental Trading, and Profit and Loss Account in Columnar Form and Preparation of Balance Sheet.	<b>08</b>
<b>III</b>	<b>Branch Accounts</b> (14 hours): Preparation of Accounts in the books of Head Office only including the preparation of Trading, and Profit and Loss Account for Verification – (a) Branch which deals in Cash and Credit Sales, and (b) Branch which receives Goods at Invoice Price (excluding Stock and Debtor System, Incorporation Entries and Foreign Branches).	<b>14</b>
<b>IV</b>	<b>Fire Insurance Claims</b> (10 hours): Fire Insurance Claims with Average Clause excluding Abnormal Loss of goods (problems only on Loss of Stock).	<b>10</b>
<b>V</b>	<b>Royalty Accounts excluding Sub-lease</b> (14 hours): Meaning of Royalty, Minimum Rent, Short Workings, Recoupment of Short Workings, Lessor, Lessee, Preparation of Journal Entries and Ledger Accounts in the books of Lessor and Lessee.	<b>16</b>

**Statements of Course Outcomes (COs)**

<b>CO-1</b>	To make aware of the system of Hire Purchasing and accounting treatment for the same.
<b>CO-2</b>	To understand the scope and accounting methods used in departmental accounting.
<b>CO-3</b>	To familiarize the concept of Branch account and its system.
<b>CO-4</b>	To learn the objectives, procedures and terms & conditions for claiming the fire insurance in accounting.
<b>CO-5</b>	To provide knowledge about the technique for preparing different accounts in royalties.

**II Semester – B.Com**  
**Subject – Indian Financial System**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Introduction:</b> Nature and Role of Financial System in India; Regulatory Bodies – Reserve Bank of India, Securities and Exchange Board of India, Financial Services, Financial Markets, and Financial Institutions (an overview of the structure).	10
<b>II</b>	<b>Capital Market in India:</b> New Issue Market, Secondary Market – Functions, Listing Procedure; Bombay Stock Exchange, National Stock Exchange, Securities and Exchange Board of India – Functions; Stock Trading Corporation.	12
<b>III</b>	<b>Commercial Banks:</b> Commercial Banks - Functions, RBI Functions and Importance.	12
<b>IV</b>	<b>Money Market:</b> Indian Money Market - Composition and Structure, Call Money Market, Treasury Bill Market, Commercial Papers and Certificates of Deposit, Marketing for Government Securities.	10
<b>V</b>	<b>Non-banking Financial Institutions:</b> NBFIs - Meaning, Importance and their Role; Types of Finance - IDBI, ICICI, LIC, NABARD, etc.	10
<b>VI</b>	<b>Factoring:</b> Meaning and Types; Venture Capital – Meaning, Types, Process of obtaining Venture Capital; Securitization of Debts – Meaning and Scope.	10

## Statements of Course Outcomes (COs)

By the end of the course, the student will be able

<b>CO-1</b>	To outline the structure and functions of Indian Financial System.
<b>CO-2</b>	To illustrate the functioning of financial market in India.
<b>CO-3</b>	To evaluate the functioning of various institutions.
<b>CO-4</b>	To understand the financial instruments available for investment.
<b>CO-5</b>	To enable students to understand the functioning of NBFIs
<b>CO-6</b>	To impart the knowledge of factoring.

### II SEM – B.Com Subject – Human Resources Management

UNIT	Content	Hours Allotted
<b>I</b>	<b>Human Resource Management:</b> Meaning and Definition of HRM, Evolution of HRM in India, Scope, Objectives, Concepts, Functions and its Strategic Role, and Recent trends in HRM and HRD.	12
<b>II</b>	<b>Human Resource Planning:</b> Human Resource Planning, Job Analysis and Job Design, and Recruitment and Selection Process including E-Recruitment and Selection.	12
<b>III</b>	<b>Employee Training:</b> Meaning of Training, Need for Training, Importance, Steps in Training Programme, Methods of Training. Performance, Appraisal – Terminology Used, Evaluation Process, Methods and Problems	14
<b>IV</b>	<b>Recruitment and Selection :</b> Meaning, Nature and Purpose, Wage Level and Structures, Wage Determination Process, Theory of Wages, Principles and Factors influencing Wage and Salary Structure and Administration, Rewards and Incentives.	14
<b>V</b>	<b>Human Relations:</b> Meaning, Importance, Objectives, Motivation Theories, Employee Morale, Communication, Leadership, Employee Welfare, Health and Safety, Maintenance of HR Data Base, Challenges and Opportunities in Globalized Era and Outsourcing of HR Functions.	12



### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able**

<b>CO-1</b>	To introduce the basics of human resource management and the trends in human resource development.
<b>CO-2</b>	To impart the skills to manage various functions of human resource management in order to provide the professional approach and outlook.
<b>CO-3</b>	To make the student understand the basic concept and significance of organizational behavior
<b>CO-4</b>	To understanding of Principles and Factors influencing Wage and Salary Structure and Administration, Rewards and Incentives.
<b>CO-5</b>	To understand human relations

### **II Semester – B.Com** **Subject – Methods for Business Decisions**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Number System:</b> Different Base Number Binary System, Base Five System only.	5
<b>II</b>	<b>Indices:</b> Indices - Meaning, Laws and Application for Simplification, Logarithm – Definition and its Application for Simplification (using Log Table), Permutations and Combination, Simple Problems.	10
<b>III</b>	<b>Commercial Arithmetic:</b> Problems on Simple Interest and Compound Interest, Annuities, Present and Future Value of Annuity, Discounting of Bill of Exchange (Present Worth, Future Face Value, Trade Discount and Banker Discount, Bankers Gain and Amount Receivables).	10
<b>IV</b>	<b>Ratio, Proportion and Variations:</b> Problems on Speed, Time and Work Completion, Percentages, Problems on finding Rate, Percentage and Quantity relating to Trade Activities (Cost Price, Selling Price and Profit Percentage).	14
<b>V</b>	<b>Theory of Sets:</b> Elements of a Set, Methods of Describing a Set, Types of Sets and Operations, Demargans Law, Venn Diagram and their application to Theory of Sets.	13
<b>VI</b>	<b>Theory of Equations:</b> Simple Linear Equations, Simultaneous Linear Equation (Elimination and Cross Multiplication Methods only), Quadratic Equation, Pure Quadratic, Affected Quadratic Equations, Factorization and Sridharacharya's Method.	12

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able**

<b>CO-1</b>	To understand basics of uses of numbers in the areas of mathematics.
<b>CO-2</b>	To apply the concepts of simple logarithm and methods of solving permutation and combination.
<b>CO-3</b>	To recall the theory of arithmetic progression and calculation of interest.
<b>CO-4</b>	To use ratios and proportions in business and be able to differentiate methods used for different problems.
<b>CO-5</b>	To determine the different theories of sets and its application on set theory.
<b>CO-6</b>	To compute the different methods of equations.

### **III Semester – B.Com** **Subject – Corporate Accounting**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Valuation of Shares:</b> Valuation of Shares - Meaning and Need for Valuation, Methods of Valuation of Shares - Net Assets Method, Yield Method and Fair Value Method.	<b>12</b>
<b>II</b>	<b>Company Accounts:</b> Final Accounts of Joint Stock Companies (Vertical Format Method) including Publishing Companies and Hotels.	<b>16</b>
<b>III</b>	<b>Underwriting of Shares and Debentures:</b> Meaning, Definition and Types of Underwriting – (a) Open, (b) Pure, and (c) Firm Underwriting; Problems on Underwriting of Shares and Debentures.	<b>15</b>
<b>IV</b>	<b>Company Accounts - Other Issues:</b> Buyback of Shares, Issue of Bonus Shares and Right Issue.	<b>9</b>
<b>V</b>	<b>Company Accounts:</b> Profit prior to Incorporation - Meaning and calculation of Profit with the help of Time, Sales and Weighted Ratios.	<b>12</b>

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able**

<b>CO-1</b>	To make them aware about Valuation of Shares and debentures
<b>CO-2</b>	To give an exposure to the company accounts of joint stock company
<b>CO-3</b>	To keep them aware about computing methods of underwriting of shares & debentures.
<b>CO-4</b>	Keep them aware about Buy Back of Share, Bonus Shares and Right Issue.
<b>CO-5</b>	To give an exposure to the Pre and Post Incorporation of Profit and Prepare financial statements accordingly.

### III SEM – B.Com Subject – Corporate Administration

UNIT	Content	Hours Allotted
<b>I</b>	<b>Introduction to Indian Companies Act, 1956</b> (15 hours): Company –Definition and Characteristics, Kinds of Companies - Private, Public Company, Statutory Company, Foreign Company, Holding Company, Subsidiary Company, and Licensed Companies; Company Secretary – Meaning and Definition of Company Secretary, Legal Position, Qualification and Appointment, Duties, Rights and Liabilities of a Company Secretary.	<b>15</b>
<b>II</b>	<b>Formation of a Company</b> (12 hours): Stages involved in formation (in brief), Conversion of Public Company into a Private Company and vice-versa, Basic Documents of a Company - Memorandum Association, Articles of Association, Prospectus, Statement in lieu of Prospectus, Misleading Prospectus and its Consequences.	<b>12</b>
<b>III</b>	<b>Share Capital and Membership of a Company</b> (14 hours): Equity Shares and Preferences Shares including Distinction, Issue of Shares, Book Building, Allotment of Shares, Essentials of Valid Allotment, Letters of Allotment and Regret, Demat Accounts, Right Shares and Bonus Shares, Lien on Shares, Differences between Debentures and Shares, Methods of becoming a Member, Termination of Membership, Rights and Duties of Members, Register of Members, Book Closure.	<b>14</b>
<b>IV</b>	<b>Borrowing Powers of a Company, Dividend and Interest</b> (8 hours): Ultra-virus Borrowings, Fixed v/s Floating Charge, Brief note on Mode of Charges, Registration of Charges, Dividend – Legal Provisions relating to Declaration and Payment of Dividend, Dividend Warrant, Unclaimed Dividend, Ex-Dividend and cum-Dividend, Interim Dividend, Payment of Interest; Differences between Interest and Dividend.	<b>08</b>
<b>V</b>	<b>Company Management and Meetings</b> (15 hours): Directors – Legal Position, Number of Directors, Qualification and Disqualification of Directors, Appointment of Directors, Number of Directorship, Vacation of Office, Removal of Directors; Powers, Liabilities and Remuneration of Directors, Meetings and Types – Board Meetings, General Meetings, Special Meetings, Annual General Meeting, Extra-ordinary General Meeting – Statutory Requirements, Notice of a Meeting, Agenda, Quorum, Proxy, Chairperson, Methods of Voting; Resolutions – Ordinary and	<b>15</b>

	Special Resolutions, and distinction between Ordinary and Special Resolutions; Meaning of Minutes and its Contents.	
--	---	--

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able**

<b>CO-1</b>	Make the students understand about business and corporate law
<b>CO-2</b>	Make the students understand about companies and its types
<b>CO-3</b>	To make student aware about companies shares capital and memberships of company
<b>CO-4</b>	To make aware about companies power to borrow, issue of dividend and interest.
<b>CO-5</b>	To understand the types of meeting and its types.

### III Semester – B.Com Subject – Fundamentals of Computer Technology

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Computer Concepts:</b> Evolution of Computers, History, Generation, Classification of Computers, Digital, Analog, Hybrid, Mini, Micro, Mainframe/Super Computers, Personal Computer - Tablet PC, Note Book PC, Laptop, Desk Top PC; Application of Computers in Business and Office Environment and other areas.	6
<b>II</b>	<b>Computer Hardware and Software:</b> Definitions of Computer System, Hardware and Software, Types of Software, System Software and Application Software, Operating System - Meaning and Functions; Programming Languages - Low Level Languages and High Level Language - Meaning, Advantages and Disadvantages, Language Processors - Assembler, Interpreter and Compiler. Windows Explorer Menus, File, Edit, View and Tools.	6
<b>III</b>	<b>Peripheral Devices:</b> Block Diagram of a Digital Computer System and Functions of each block; Input and Output Devices - Keyboard, Mouse, Scanner, Joystick, OMR, OCR, Barcode Reader, Modem; Printer – Types of Printers, Web-Camera, Visual Display Units – CRT, LCD and LED; Computer Memory - Main Memory/Primary Memory – RAM and ROM;	8

	Types of ROM, Cache Memory and Secondary Memory; Hard Disk, CD–ROM, DVDRW and Pen Drive.	
<b>IV</b>	<b>MS-WORD:</b> Features, Advantages, Basic Operations - Word Opening Screen Elements, Creating, Opening and Saving of Word Document; Formatting, Margin, Paper Selection, Undo-Redo, Spell Check, Alignment, Insert Table; Mail Merge; MS-Word Shortcut Keys.	20
<b>V</b>	<b>MS-EXCEL:</b> Features, Advantages, MS-Excel Program Window Elements; Managing Workbooks - Create, Open, Save and Close; Managing Worksheets - Naming, Inserting, Moving, Copying and Deleting; Navigation in MS-Excel; Standard Toolbar Elements; Types of Cell Data, Entering Data, Inserting and Deleting Cells, Rows and Columns, Formatting Toolbar Elements, Basic Formulas, Types of Cell Referencing, and Practical's in MS-Excel Sheets.	24

#### **Statements of Course Outcomes (COs)**

**By the end of the course, the student will be able**

<b>CO-1</b>	Bridge the fundamental concepts of computers with the present level of knowledge of the students.
<b>CO-2</b>	Familiarize operating systems, programming languages, peripheral devices, networking, multimedia and internet
<b>CO-3</b>	Understand binary, hexadecimal and octal number systems and their arithmetic.
<b>CO-4</b>	Understand how logic circuits and Boolean algebra forms as the basics of digital computer.
<b>CO-5</b>	Demonstrate the building up of Sequential and combinational logic from basic gates.
<b>CO-6</b>	Understand the MS-WORD and MS-EXCEL

**III Semester – B.Com**  
**Subject – Principles of Marketing**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Introduction</b> : Marketing - Nature, Functions, and Scope; Marketing Concepts – Traditional and Modern; Selling vs. Marketing, Marketing Mix.	10
<b>II</b>	<b>Product</b> : Concept of Product, Consumer and Industrial Goods, Product Life Cycle, Product Planning and Development, Why New Product Fails? Packaging – Role and Functions, Branding – Importance and Types; and Labeling.	12
<b>III</b>	<b>Price</b> : Concept of Price, Importance, Objective, Factors affecting Pricing Decisions, and Pricing Methods.	10
<b>IV</b>	<b>Physical Distribution</b> : Concept and Role, Types of Distribution Channels, Factors influencing in Channel Selection, Role of Retailers, Wholesalers and Dealers in Distribution.	10
<b>V</b>	<b>Promotion</b> : Concept and Importance of Promotion, Promotion Mix – (a) Advertising - Concept, Types and Criticism; (b) Personal Selling – Importance and Functions of Sales Personnel; (c) Sales Promotion – Importance and Types.	12
<b>VI</b>	<b>Market Segmentation and Consumer Behavior</b> : Concept and Factors influencing Consumer Behavior (Physical, Psychological, Socio-Cultural and Personal Factors), Importance and Bases for Market Segmentation.	10

**Statements of Course Outcomes (COs)**

**By the end of the course, the student will be able**

<b>CO-1</b>	Understand basics of marketing and difference between traditional & modern marketing
<b>CO-2</b>	Know different types of products. Product life cycle, packaging and branding of products

<b>CO-3</b>	Find out best pricing policies and things to be considered during fixation of selling price
<b>CO-4</b>	Understand best means of distribution, different channels available for the distribution
<b>CO-5</b>	Know importance of promotional activities, personal selling and different sales promotional types
<b>CO-6</b>	Find the different types of consumer, their behaviour and importance of market segmentation

**III SEM – B.Com**  
**Subject – Environmental Studies**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>The Multidisciplinary Nature of Environmental Studies:</b> Definition, scope and importance Need for public awareness.	<b>2</b>
<b>II</b>	<b>Natural Resources:</b> Renewable and non-renewable resources: Natural resources and associated problems. <b>(a) Forest resources:</b> Use and over-exploitation, deforestation, Case Studies. Timber extraction, mining, dams and their effects on forests and tribal people. <b>(b) Water resources:</b> Use and over-utilization of surface and ground water, floods, drought, conflicts over water, dams-benefits and problems. <b>(c) Mineral resources:</b> Use and exploitation, environmental effects of extracting and using mineral resources, case studies. <b>(d) Food resources:</b> World food problems, changes caused by agriculture and over-grazing, effects of modern agriculture, fertilizer-pesticide problems, water logging, salinity, case studies. <b>(e) Energy resources:</b> Growing energy needs, renewable and non-renewable energy sources, use of alternate energy sources, Case studies. <b>(f ) Land resources:</b> Land as a resource, land degradation, man induced landslides, soil erosion and desertification. Role of an individual in conservation of natural resources. Equitable use of resources for sustainable life styles.	<b>8</b>
<b>III</b>	<b>Ecosystems:</b> Concept of an ecosystem, Structure and function of an ecosystem, Producers, consumers and decomposers, Energy flow in the ecosystem, Ecological succession, Food chains, food webs and ecological pyramid, Introduction, types, characteristic features, structure and function of the following ecosystem: (a) Forest ecosystem (b) Grassland ecosystem (c) Desert ecosystem (d) Aquatic ecosystem (ponds, streams, lakes, rivers, oceans, Estuaries).	<b>6</b>
<b>IV</b>	<b>Bio-diversity and its Conservation:</b> Introduction, Definition: genetic, species and ecosystem diversity, Bio-geographical classification of India. Value of biodiversity: consumptive use, productive use, social, ethical, aesthetic and option values. Biodiversity at global, national and local levels. India as a mega-diversity nation. Hot-spots of biodiversity. Threats to biodiversity: habitat loss, poaching of wildlife, man-wildlife conflicts. Endangered and	<b>8</b>

	endemic species of India. Conservation of biodiversity: In-situ and Ex-situ conservation of biodiversity.	
<b>V</b>	<b>Environmental Pollution:</b> Definition, Causes, effects and control measures of: (a) Air pollution (b) Water pollution (c) Soil pollution (d) Marine pollution (e) Noise pollution (f) Thermal pollution (g) Nuclear hazards. Solid waste management : Causes, effects and control measures of urban and industrial wastes. Role of an individual in prevention of pollution. Pollution case studies. Disaster management: floods, earthquake, cyclone and landslides.	<b>8</b>
<b>VI</b>	<b>Social Issues and the Environment:</b> From Unsustainable to Sustainable development. Urban problems related to energy. Water conservation, rain water harvesting, watershed management. Resettlement and rehabilitation of people: its problems and concerns. Case studies. Environmental ethics: Issues and possible solutions. Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust. Case studies. Wasteland reclamation. Consumerism and waste products. Environment Protection Act. Air (Prevention and Control of Pollution) Act. Water (Prevention and Control of Pollution) Act. Wildlife Protection Act. Forest Conservation Act. Issues involved in enforcement of environmental legislation. Public awareness.	<b>7</b>
<b>VII</b>	<b>Human Population and Environment:</b> Population growth, variation among nations. Population explosion. Family Welfare Programme. Environment and human health. Human Rights. Value Education. HIV/AIDS. Women and Child Welfare. Role of Information Technology in Environment and human health. Case Studies.	<b>6</b>
<b>VIII</b>	<b>Human Population and Environment:</b> Population growth, variation among nations. Population explosion. Family Welfare Programme. Environment and human health. Human Rights. Value Education. HIV/AIDS. Women and Child Welfare. Role of Information Technology in Environment and human health. Case Studies.	<b>6</b>

### Statements of Course Outcomes (COs)

#### By the end of the course, the student will be able

<b>CO-1</b>	To understand key concepts from economic, political, and social analysis as they pertain to the design and evaluation of environmental policies and institutions.
<b>CO-2</b>	To appreciate concepts and methods from ecological and physical sciences and their application in environmental problem solving.
<b>CO-3</b>	To appreciate the ethical, cross-cultural, and historical context of environmental issues and the links between human and natural systems.
<b>CO-4</b>	To reflect critically about their roles and identities as citizens, consumers and environmental actors in a complex, interconnected world.
<b>CO-5</b>	To understand core concepts and methods from ecological and physical sciences and their application in environmental problem-solving.
<b>CO-6</b>	To appreciate key concepts from economic, political, and social analysis as they pertain to the design and evaluation of environmental policies and institutions.



<b>CO-7</b>	To appreciate the ethical, cross-cultural, and historical context of environmental issues and the links between human and natural systems.
<b>CO-8</b>	To appreciate the ethical, cross-cultural, and historical context of environmental issues and the links between human and natural systems.
<b>CO-9</b>	To reflect critically about their roles and identities as citizens, consumers and environmental actors in a complex, interconnected world.

#### **IV Semester – B.Com**

#### **Subject – Advanced Corporate Accounting-II**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Banking Company Accounts:</b> Preparation of Profit and Loss Account, and Balance Sheet under New Regulations (covering various Schedules) – Impact of Non-performing Assets on Banking Business.	16
<b>II</b>	<b>Life Insurance Company Accounts:</b> Preparation of Revenue Accounts and Balance Sheet; Calculation of Profit by Preparing Valuation Balance Sheet (Vertical Form).	16
<b>III</b>	<b>General Insurance Company Accounts:</b> Fire, Accident, and Marine Insurance, Preparation of Revenue Accounts, Profit and Loss Account, and Balance Sheet (Vertical Format).	16
<b>IV</b>	<b>Double Account System:</b> Introduction – Characteristics of Double Accounts, Formats, Limitations of Double Account System, Final Accounts of Electricity Supply Companies – Problems on the preparation of Operating Revenue, Operating Expenses & Capital Account & General Balance Sheet.	12
<b>V</b>	<b>Social Responsibility Accounting:</b> Meaning and Definition, Features and Objectives of Social Responsibility Accounts (theory only).	4

#### **Statements of Course Outcomes (COs)**

#### **By the end of the course, the student will be able**

<b>CO-1</b>	To make them aware about preparation of Banking Company Accounts & impact of NPA.
<b>CO-2</b>	To keep them aware about determination of profit by preparing balance sheet of Life Insurance Company.

<b>CO-3</b>	To keep them aware about preparation of various types of General Insurance Company accounts.
<b>CO-4</b>	To enable the students to maintain the double account system and final accounts of Electricity Supply Companies.
<b>CO-5</b>	To enable the students to gain an idea about Social Responsibility Accounting.

**IV SEM – B.Com**  
**Subject – Business Regulations**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Introduction to Law of Contract</b> (18 hours): Meaning and Scope of Business Laws; Indian Contract Act, 1872 - Meaning, Definition and Types of Contract, Essentials – Offer, Acceptance and Consideration, Capacity of Parties, Free Consent, Legality of Object, Remedies for Breach of Contract, and Quasi Contract.	<b>18</b>
<b>II</b>	<b>Sale of Goods Act, 1930</b> (16 hours): Definition of Buyer, Seller, Contract of Sale; Goods – Existing, Future and Specific Goods; Documents to the Title of Goods, Essentials of Contract of Sale, Sale and Agreement to Sell, Price and Mode of Fixing of Price, Conditions and Warranties – Essentials of Conditions and Warranties, Caveat Emptor and Exceptions to the Rule of Caveat Emptor, Transfer of Ownership and Rules regarding Passing of Property, Unpaid Seller and Rights of Unpaid Seller and Rights of a Buyer.	<b>16</b>
<b>III</b>	<b>Intellectual Property Legislations</b> (14 hours): Meaning and Scope of Intellectual Properties, Forms of Intellectual Properties Patents, Rights and Duties of Patentee, Infringement of Patent – Relief available; Trade Marks - Assignment and Transmission of Trade Marks, Infringement, Action against Infringement; Copy Rights – Meaning, Infringement and Remedies available; Procedure for grant of Process and Product Patents; and WTO Rules as to Patents (in brief).	<b>14</b>
<b>IV</b>	<b>Consumer Protection Act, 1986</b> (10 hours): Objectives; Definitions of Consumer, Consumer Dispute, Complaint, Complainant, Deficiency, Service, Restrictive/Unfair Trade Practices; Rights of Consumers; Consumer Protection Council, Consumer Grievances Redressal Agencies – District Forum, State Commission, and National Commission.	<b>10</b>
<b>V</b>	<b>Cyber Law/Information Technology Act, 2000</b> (6 hours): Objectives, Definition of different Terms, Salient Features, Provisions pertaining to Piracy and related Offences and Penalties, and Cyber Appellate Tribunal	<b>06</b>

### Statements of Course Outcomes (COs)

By the end of the course, the student will be able

<b>CO-1</b>	To create the awareness Indian contract Act- 1932 and its essentials.
<b>CO-2</b>	Critically evaluate conditions and warranties of sale of goods act.
<b>CO-3</b>	To understand the knowledge about intellectual property rights, copy rights.
<b>CO-4</b>	To aware about consumer rights and its acts and agencies.
<b>CO-5</b>	To create awareness on cyber law and information technology act.

### IV Semester – B.Com Subject – Computer Applications in Business

UNIT	Content	Hours Allotted
<b>I</b>	<b>Introduction to Internet:</b> Meaning of Internet and Intranet, LAN, WAN, MAN, WWW; Advantages of Internet, E-mail - Meaning, Advantages, Steps in creating e-mail ID, Internet Browsing, Information through Web Sites, Search Engines, Browser (Internet Explorer).	8
<b>II</b>	<b>Power Point Introduction:</b> Start, End, Open, Format, Edit, Print and Save a Presentation; Insert, Format, and Modify Text, Select a Design Template, Create a Title Slide, Create a Multi-Level Bulleted List Slide, Display and Print in Black and White, Describe the Speech Recognition Capabilities of Power Point, Add Slides to, and Delete Slides from a Presentation.	8
<b>III</b>	<b>Power Point – Advanced:</b> Create a Presentation from an Outline and use Outline Features, Change the Slide Layout, Insert and Edit Clip Art, Add a Header Footer, Add Animation and Slide Transition Effects, Create Presentations using Embedded Visuals, Import and Outline Created in Microsoft Word, Modify a Clip, Create a Slide Background using a Picture, Customize Graphical Bullets, Create an Embed Organizational Chart, Insert and Format a Table into a Slide, Add an Animation Scheme to Selected Slides, Print Handouts, and Rearrange Slides.	14
<b>IV</b>	<b>Tally (9.0):</b> Features, Advantages, Menus in Tally, Create a Company, Ledger Creation with VAT class and Group Assignment, Group Creation, Creating Inventory of Products, Activate Company Features (F11), and Configuration of Tally (F12).	14
<b>V</b>	<b>Tally-Vouchers:</b> Voucher Types, Exercises in Making Voucher Entries, Display and Printing of Final Accounts – Balance Sheet, Profit and Loss Account; Trial Balance, Stock Summary, Computation of VAT and TDS.	20

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able**

<b>CO-1</b>	Bridge the fundamental concepts of computers with the present level of knowledge of the students
<b>CO-2</b>	Familiarize operating systems, programming languages, peripheral devices, networking, multimedia and internet
<b>CO-3</b>	Understand binary, hexadecimal and octal number systems and their arithmetic.
<b>CO-4</b>	Understand how logic circuits and Boolean algebra forms as the basics of digital computer.
<b>CO-5</b>	Demonstrate the building up of PowerPoint.
<b>CO-6</b>	Understand the Tally and Tally Vouchers.

**IV Semester – B.Com**  
**Subject – Management of Banking Operations**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Banker and Customer:</b> Relationship - Meaning of Banker and Customer, General and Special Relationships; Types of Accounts - Savings Account, Current Account and Fixed Deposit Account; Procedure for Opening the above Accounts.	12
<b>II</b>	<b>Special Types of Customers:</b> Minor/Joint Account, Partnership Account, Joint Stock Companies, Trustees, Clubs and Associations.	12
<b>III</b>	<b>Negotiable Instruments:</b> Meaning and Definition; Kinds of Negotiable Instruments; Meaning, Definition and Features of Promissory Notes, Bill of Exchanges, Cheques – Crossing of Cheques, Types of Crossing, Material Alteration, Endorsement - Meaning, Essentials and Kinds of Endorsement	12
<b>IV</b>	<b>Banking Operations:</b> Collecting Banker – Meaning, Duties and Pre-cautions to be Taken, Statutory Protection to Collecting Banker; Paying Banker – Meaning, Pre-cautions, Statutory Protection to Paying Banker; Dishonor of Cheques - Grounds for Dishonor, Consequences of wrongful Dishonor of Cheques; Lending Banker - Principles of Bank Lending, Kinds of Lending Loans and Cash Credits, Overdrafts, Bills Discounting, Letter of Credit; NPA - Meaning and Circumstances.	20

<b>V</b>	<b>Technology in Banks:</b> E-Banking, Debit and Credit Cards, Internet Banking, ATM, Electronic Fund Transfer, MICR, DEMAT, and RTGC.	<b>6</b>
----------	--	----------

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able**

<b>CO-1</b>	To make the student understand the basic concepts of relationship between banker and customer.
<b>CO-2</b>	To provide necessary knowledge of types of bank accounts available for customers.
<b>CO-3</b>	To provide an insight about negotiable instruments for investment.
<b>CO-4</b>	To understand the roles & responsibilities of collecting banker crossing of cheques and dishonor of cheques.
<b>CO-5</b>	To keep the students aware about the technologies introduced in banking system.

### **IV SEM – B.Com** **Subject – Indian Constitution**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Framing of the Constitution and Major Features:</b> Constituent Assembly at Work, Preamble and Salient Features, Citizenship, Fundamental Rights, Directive Principles of State Policy, and Fundamental Duties.	<b>14</b>
<b>II</b>	<b>Union and State Legislatures:</b> Composition, Powers and Functions; Presiding Officers, Law Making Process, Committees of Parliament, Decline of Legislatures, and Reforms.	<b>16</b>
<b>III</b>	<b>Union and State Executive:</b> President and Vice-President – Elections, Powers and Functions; Prime Minister and Council of Ministers – Powers and Functions; Governor, Chief Minister and Council of Ministers – Powers and Functions; and Debate over Parliamentary and Presidential Forms of Government.	<b>16</b>
<b>IV</b>	<b>Judiciary:</b> Supreme Court and High Courts – Composition, Jurisdiction and Functions; and Judicial Activism.	<b>14</b>

## Statements of Course Outcomes (COs)

**By the end of the course, the student will be able**

<b>CO-1</b>	To recall the structure of constitution, to list the fundamental rights, features fundamental duties and preamble and directive principles of constitution
<b>CO-2</b>	To illustrate the powers and functions of various committees framed by Indian constitution.
<b>CO-3</b>	To identify the organizational structure of Indian constitution, the roles and functions of Ministerial committees
<b>CO-4</b>	To distinguish the roles, powers and functions of judiciary.

## **V SEM – B.Com** **501 - Financial Management**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	Meaning of Financial Management, Scope and Functions of Financial Management, Objectives of Financial Management; Time Value of Money – Present Value of Future Money, and Future Value of Present Money – Single Cash Flow and Stream of Cash Flows – even and uneven Cash Flows, and Simple Problems.	<b>10</b>
<b>II</b>	Sources of Financing – Short term and Long term, Capital Structure – Meaning and Factors influencing Capital Structure; Leverages – Operating Leverage, Financial Leverage, and Combined Leverage; Earnings per Share, and Problems on Leverages and Earnings per Share.	<b>15</b>
<b>III</b>	Meaning of Cost of Capital; Cost of Debt – Redeemable and Perpetual; Cost of Preference Share Capital – Redeemable and irredeemable Shares; Cost of Equity – Dividend Yield, Earning Yield and Dividend Yield plus Growth Methods; Cost of Retained Earnings; Weighted Average Cost of Capital (WACC) and Problems on all Costs of Capital	<b>10</b>
<b>IV</b>	Capital Budgeting – Meaning and Importance, Investment Evaluation Techniques – Pay Back Period Method, Accounting Rate of Return Method, Net Present Value Method, Profitability Index Method and Internal Rate of Return (Average Return to Average Investment) Method, Problems on all these Investment Evaluation Techniques.	<b>15</b>
<b>V</b>	Working Capital – Meaning and Concept of Working Capital, Types of Working Capital, Factors affecting Working Capital, Working Capital Cycle (Operating Cycle), Problems on estimation of Working Capital requirement (Current Assets and Current Liabilities Method only).	<b>10</b>
<b>VI</b>	Meaning and Forms of Dividend, Types of Dividend Policy, Determinants of Dividend Policy, and Walter's Model (only theory).	<b>4</b>

## Statements of Course Outcomes (COs)

**By the end of the course, the student will be able**

<b>CO-1</b>	Demonstrate the applicability of the concept of Financial Management to understand the managerial Decisions and Corporate Capital Structure.
<b>CO-2</b>	To create an awareness about Sources of Finance, capital structure and Leverages.
<b>CO-3</b>	To make them understand the cost of capital in wide aspects.
<b>CO-4</b>	Identifying importance of Capital budgeting, manage the future cash inflow and outflow in the capital budgeting.
<b>CO-5</b>	To enable them to understand working capital management.
<b>CO-6</b>	Constructing the dividend policy for the business organization.

## **V SEM – B.Com** **Subject – Income Tax -I**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Brief History of Income Tax</b> (12 hours): Basic Concepts - Assessee, Person, Income, Casual Income, Assessment Year, Previous Year, Agricultural Income, Gross Total Income, Total Income, and Exempted Incomes under Section 10.	<b>12</b>
<b>II</b>	<b>Residential Status</b> (14 hours): Determination of Residential Status of an Individual and Incidence of Tax on the basis of Residential Status of Individual; Computation of Total Income of an Individual on the basis of Residential Status.	<b>14</b>
<b>III</b>	<b>Computation of Income under the head ‘Salary’</b> (24 hours): Meaning of Salary, Features, Allowances – Perquisites and their Valuation, Provident Funds and their Income Tax Provisions, Retirement Benefits – Gratuity, Earned Leave and Commutation of Pension.	<b>24</b>
<b>IV</b>	<b>Deductions</b> (10 hours): Under Sections 80C to 80U - 80C, 80CCD, 80D, 80DD, 80E, 80G and 80U; Problems on 80C and 80 G only, and Computation of Total Income based on Salary Income only.	<b>10</b>
<b>V</b>	<b>Income Tax Authorities and their Powers</b> (4 hours)	<b>04</b>

**Statements of Course Outcomes (COs)**

<b>CO-1</b>	To make aware about provisions of direct tax with regard to IT Act, 1961 and IT Rules, 1962.
<b>CO-2</b>	To make aware about agriculture income, residential status and incidence/charge of tax.
<b>CO-3</b>	To understand the various benefits, allowances and deductions available for individuals under the head of 'salary'.
<b>CO-4</b>	To understand the various deductions to be made from gross total income U/s 80-C to 80-U in computing total income.
<b>CO-5</b>	To make aware about the power and responsibilities of Tax authorities.

**V SEM – B.Com****Subject – Techniques for Business Decisions - I**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Introduction to Statistics</b> - Meaning, Definitions, Functions, Scope and Limitations of Statistics and Distrust of Statistics.	<b>10</b>
<b>II</b>	<b>Data and its Collection</b> - Types of Data – Primary and Secondary Data – Methods for Collection of Primary Data – Sources of Secondary Data – Classification – Meaning and Types; Tabulation – Meaning, Rules for Construction of Tables, Parts of Statistical Table and Problems on Tabulation.	<b>12</b>
<b>III</b>	<b>Diagrammatic and Graphic Representation of Statistical Data</b> - Meaning, Types of Diagrams, Simple, Multiple, Subdivided and Percentage, Histogram – Location of Mode through Histogram and Frequency Polygon; and Ogive Curves – Location of Median and Quartiles through Ogive Curves.	<b>14</b>
<b>IV</b>	<b>Measures of Central Tendency</b> - Meaning and Definition, Types of Averages – Arithmetic Mean (Simple and Weighted), Median, Mode (excluding missing Frequency problems).	<b>16</b>
<b>V</b>	<b>Measures of Dispersion</b> - Meaning, Absolute and Relative Measures of Dispersion, Types of Dispersion – Range, Quartile Deviation, Standard	<b>6</b>



	Deviation, and Co-Efficient of each Method.	
<b>VI</b>	<b>Skewness</b> (6 hours): Meaning, Types of Skewness, Measures of Skewness, Absolute and Relative Measures of Skewness, Karl Pearson's Coefficient of Skewness and Bowley's Coefficient of Skewness	<b>6</b>

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able**

<b>CO-1</b>	To define the importance of Statistics
<b>CO-2</b>	To classify the methods for collecting data
<b>CO-3</b>	To identify the statistical tools needed to solve various problems.
<b>CO-4</b>	To analyze statistical data using measures of central tendency
<b>CO-5</b>	To explain the different measures of dispersion
<b>CO- 6</b>	To test the skewness using various methods

### V SEM – B.Com

### Subject – Elements of Cost Accounting

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Introduction to Cost Accounting:</b> Meaning and Definition of Cost, Costing, Cost Accounting and Cost Accountancy, Limitations of Financial Accounting, Differences between Financial Accounting and Cost Accounting; Objectives and Scope of Cost Accounting; Advantages and Limitations of Cost Accounting, Methods and Techniques of Costing.	<b>8</b>
<b>II</b>	<b>Elements of Cost and other Basics:</b> Cost Unit, Cost Centre, Classification of Costs, Problems on Cost Sheet, Tenders, Quotations and Estimations	<b>12</b>
<b>III</b>	<b>Material Cost:</b> Material Cost - Meaning, Objectives and Essentials, Purchase of Materials – Centralized and Decentralized Purchasing, Purchase Procedure, Stores Control - Meaning and Techniques, Fixation of Stock Levels, EOQ, ABC Analysis, VED Analysis, Perpetual Inventory System, Bin Card, Stores Ledger, Pricing of Material Issues - FIFO, LIFO, Simple Average and Weighted Average Methods, and problems thereon	<b>12</b>
<b>IV</b>	<b>Labour Cost:</b> Labour Cost Control, Time Keeping and Time Booking, Treatment	<b>12</b>

	of Idle Time and Over Time, Labour Turnover, Methods of Wage Payment - Time Rate, Piece Rate and Incentives Plans - Halsey Plan, Rowan Plan, Emerson's Efficiency Plan, Statement of Wage Sheet, and problems thereon	
<b>V</b>	<b>Overhead Expenses:</b> Meaning, Classification of Overheads, Allocation and Apportionment of Overheads, Re-apportionment of Overheads - Direct Distribution, Step Ladder Method; Absorption of Overheads - Percentage on Direct Material Cost, Direct Labour Cost, Direct Labour Hour Rate and Machine Hour Rate; Problems on Allocation, Apportionment, Re-apportionment and Absorption of Overhead Expenses including Machine Hour Rate.	<b>12</b>
<b>VI</b>	<b>Reconciliation of Cost and Financial Accounts:</b> Reasons, Reconciliation Methods, and Problems on Reconciliation including Preparation of Cost Sheet, and Profit and Loss Account	<b>8</b>

#### Statements of Course outcomes (COs)

**By the end of the course, the student will be able**

<b>CO-1</b>	Understand the concept of cost accounting and to expose to a broad range of cost accounting concepts and their terminology.
<b>CO-2</b>	to gather knowledge on preparation of cost sheet in its practical point of view
<b>CO-3</b>	To facilitate the idea and meaning of material control with different methods and to know the methods of calculating stock consumption
<b>CO-4</b>	Develop the knowledge about remuneration and incentives plans
<b>CO-5</b>	Understand the concept of overhead cost and to understand the classification of overheads & methods of absorption
<b>CO-6</b>	Understand the reasons for differences in profits reported by cost accounting and financial accounting.

#### Department of Commerce & Management Program:

**V Semester – B.Com**

**Subject – Higher Accounts**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Amalgamation:</b> Amalgamation, Absorption and Reconstruction of Joint Stock Companies (both Internal and External Reconstruction).	20
<b>II</b>	<b>Liquidation of Companies:</b> Preparation of Liquidator's Final Statement of Accounts.	14

<b>III</b>	<b>Holding Company Accounts:</b> Preparation of Holding Company Accounts, and Problems on Holding Company Accounts (excluding Gross and Chain Holdings)	14
<b>IV</b>	<b>Investment Accounting:</b> Meaning, Definition, and Features of Investment Accounting, and Preparation of Investment Accounts.	12
<b>V</b>	<b>Human Resource Accounting:</b> Meaning, Objectives, Methods, Advantages and Limitations (theory only).	4

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able**

<b>CO-1</b>	Enable the students to understand about Amalgamation, Absorption, internal and external reconstruction.
<b>CO-2</b>	Enable the students to gain an idea of Liquidation of Companies
<b>CO-3</b>	Make familiarize the students about knowledge regarding Holding Company Accounts.
<b>CO-4</b>	The students are enabled to know about Investment Accounting and preparation of Investments Accounts.
<b>CO-5</b>	Enable the students to know about Human Resource Accounting.

### V SEM – B.Com

#### Subject – Services Management

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Nature of Financial Services :</b> Meaning and Definition of Financial Services, Types of Financial Services - Stock Brokerage, Portfolio Management Services, Financial Services, Features and Classification, Scope, Fund and Non-fund based Activities.	14
<b>II</b>	<b>Mutual Funds:</b> Meaning and Classification of Mutual Funds, Importance and Risks, Venture Capital - Features and Forms of Venture Capital in India.	10
<b>III</b>	<b>Merchant Banking:</b> Meaning and Definition, Services of Merchant Banks,	10

	Role and Importance, Factoring - Concepts, Types and Functions of Factors.	
<b>IV</b>	<b>Stock Exchanges in India:</b> BSE, NSE and OTCEI, Trends in Stock Exchanges, Electronic Trading, Depository Services, and SEBI Regulations.	10
<b>V</b>	<b>Credit Cards:</b> Meaning, Types of Credit Cards, Credit Rating - Features, Advantages; CRISIL, CARE, and ICRA.	12
<b>VI</b>	<b>Leasing:</b> Introduction, Meaning and Types of Leasing, Leasing from the point of view of Lessee and Lessor; Hire Purchase Agreements; Consumer Finance – Hire Purchase and Installment.	8

#### **Statements of Course Outcomes (COs)**

#### **By the end of the course, the student will be able**

<b>CO-1</b>	To List out the importance of financial services, types, fund and non fund based activities.
<b>CO-2</b>	To Illustrate the risks associated with mutual funds and venture capital funds.
<b>CO-3</b>	To develop the knowledge level of students to utilize the benefits of merchant banking and Factoring services.
<b>CO-4</b>	To examine the functions of Stock exchanges and its role and regulations imposed by SEBI, it helps students to gain the knowledge of working of stocks when funds are invested and derive maximum return and minimizing the risks.
<b>CO-5</b>	To explain the types of credit cards services provided by different institutions and working structure of Rating Agencies.
<b>CO-6</b>	To discuss the leasing financial services and it's functioning.

#### **V SEM – B.Com Subject – Quantitative Technique-1**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Unit-1: Arithmetic and Geometric Progression</b> (8 hours): Identify of series as AP and GP; Finding the $n^{\text{th}}$ term of AP and GP; Finding number of AP and GP upto $n^{\text{th}}$ terms; Finding arithmetic mean and geometric mean, Inserting arithmetic means and geometric means in between the given terms, and applications.	<b>08</b>

<b>II</b>	<b>Unit-2: Matrices and Determinants</b> (14 hours): Definition of Matrix and Examples, Types of Matrixes, Matrices Addition, Subtraction, Scalar Multiplication and Matrix Multiplication, Transpose of a Matrix and Inverse of the Matrix, Applications, Definition of Determinates - To Find the Determinant of a Square Matrix, Solving the Simultaneous Equations using Cromer's Rule Applications (Matrix Method).	<b>14</b>
<b>III</b>	<b>Unit -3: Differential Calculus</b> (12 hours): Variables - Definitions and Examples, Constants – Definitions and Examples, Functions (different Types), Limits of Different Functions, Differentiation of Linear Function, Finding Maxima and Minima (extreme Values), Applications such as Marginal Cost, Marginal Revenue, and Average Cost.	<b>12</b>
<b>IV</b>	<b>Unit -4: Linear Programming</b> (14 hours): Definition of LPP; Objective Function, Decision Variables, Feasible Solution, Optimal Solution, Formulation of LPP and Solution by Graphic Method and Simplex Method (two variables only).	<b>14</b>
<b>V</b>	<b>Unit -5: Theory of Probability</b> (10 hours): Random Experiment, Sample Space (one, two and three coins, One and Two Dice, Pack of Cards), Event, Compliment of an Event, Sub-event, Union of Events, Intersection of Events, Equally Likely Events, Mutually Exclusive Events and Exhaustive Events(only Definition and Examples), Definition of a Probability (Mathematical),and Simple Problems - Problems on Addition Theorem, Multiplication Theorem; To find Mean, Variance and Standard Deviation.	<b>10</b>
<b>VI</b>	<b>Unit -6:</b> Distribution (PMF) Examples, Normal Curve, Properties, and Simple Problems.	<b>06</b>

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able**

<b>CO-1</b>	To Recall the theory of arithmetic and geometric progression.
<b>CO-2</b>	To explain the types and methods of matrices.
<b>CO-3</b>	To organize and develop the formulation of linear functions.

<b>CO-4</b>	To analyze the linear programming techniques used in business.
<b>CO-5</b>	To assess the importance of probability in current market condition.
<b>CO-6</b>	To estimate the availability goods to the consumer as per the requirement.

### V SEM – B.Com

#### Subject – Logical and Analytical Reasoning

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Unit -1: Logical Reasoning</b> (5 hours): Basics of Logic, Assumptions and Arguments, Forcefulness of Arguments, Evaluating Inferences and Data Sufficiency.	<b>10</b>
<b>II</b>	<b>Unit -2: Reasoning based on Rules</b> (5 hours): Syllogism and Analytical Decision Making.	<b>12</b>
<b>III</b>	<b>Unit -3: Problem Solving</b> (5 hours): Categorization, Arrangement, Comparison, Blood Relation and Profession and Conditional Selection.	<b>10</b>
<b>IV</b>	<b>Unit -4: Verbal and Non-verbal Reasoning</b> (6hours): Alphabet Test, Analogy and Classification Series Completion, Venn Diagram and Puzzle Diagrams, Calendar, Direction Sequence Test and Time Sequence Test.	<b>08</b>
<b>V</b>	<b>Unit -5: Puzzle Figures</b> (5 hours): Non-verbal.	<b>12</b>
<b>VI</b>	<b>Unit -6: Mathematical Reasoning</b> (6hours): Age-related Problems, Work and Time, Work and Wages, Percentage and Average, Ratio and Proportion, Speed-Distance-Time, and Elementary Menstruation.	<b>06</b>

#### Statements of Course Outcomes (COs)

#### By the end of the course, the student will be able

<b>CO-1</b>	To define adequate problem solving and analytical skills needed in an organization.
<b>CO-2</b>	To infer the knowledge of a human expert in a specialized area.
<b>CO-3</b>	To experiment with the Diversity of thought of students.
<b>CO-4</b>	To analyze the importance of learn and practice <i>Non Verbal Reasoning</i> to improve your skills in order to face the interview
<b>CO-5</b>	To assess the given piece of information in puzzle.

<b>CO-6</b>	To discuss the importance of various concepts of competitive examinations.
-------------	--

**VI Semester – B.Com**  
**Subject – Management Accounts**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Management Accounting:</b> Meaning and Definition, Objectives, Scope and Importance of Management Accounting, Limitations of Management Accounting, Management Accounting vs. Financial Accounting, and Management Accounting vs. Cost Accounting.	4
<b>II</b>	<b>Analysis and Interpretation of Financial Statements:</b> Concept and Nature of Financial Statements, Techniques of Financial Analysis, Comparative Financial Statements, Common Size Financial Statements and Trend Analysis, and Problems thereon.	12
<b>III</b>	<b>Ratio Analysis:</b> Meaning, Definition, Importance and Limitations of Ratio Analysis, Classification of Ratios - (a) Profitability Ratios - Gross Profit Ratio, Net Profit Ratio, Operating Profit Ratio, Overall Profitability Ratio, Operating Cost Ratio and Earning per Share, (b) Turnover Ratios - Inventory Turnover Ratio, Debtors Turnover Ratio, Debt Collecting Period, Creditors Turnover Ratio, and Debt Payment Period, (c) Liquidity Ratios - Current Ratio, and Liquid Ratio, and (d) Solvency Ratios - Debt Equity Ratio, Proprietary Ratio, and Capital Gearing Ratio, and Problems on these Ratios.	16
<b>IV</b>	<b>Fund Flow Statements:</b> Meaning, Uses and Limitations, Preparation of Fund Flow Statements, Schedule of Changes in Working Capital, Calculation of Fund from Operations, Statement of Sources and Application of Funds, and Problems thereon.	16
<b>V</b>	<b>Cash Flow Statement:</b> Meaning and Advantages of Cash Flow Statements, Fund Flow Analysis vs Cash Flow Analysis (theory only).	6
<b>VI</b>	<b>Control:</b> Meaning of Budget, Budgeting and Budgetary Control, Types of	10

	Budgets, Limitations of Budgetary Control, Problems on Sales Budget and Flexible Budget.	
--	--	--

#### **Statements of Course Outcomes (COs)**

**By the end of the course, the student will be able**

<b>CO-1</b>	Explain the application of management accounting and the various tools used.
<b>CO-2</b>	Make inter-firm and inter-period comparison, of financial statements.
<b>CO-3</b>	Analyse the financial statement using various ratios.
<b>CO-4</b>	Prepare Fund Flow Statement and Cash Flow Statement.
<b>CO-5</b>	Prepare different budgets for the business.

### **VI SEM – B.Com Subject – Income Tax- II**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	Computation of Income from House Property	12
<b>II</b>	Computation of Income from Business and Profession of Individual	16
<b>III</b>	Computation of Capital Gains: Deductions under Sections 54, 54B, 54C, 54D, 54E and 54F.	12
<b>IV</b>	Computation of Income from Other Sources (10 hours): Set-off and Carry Forward of Losses (theory only).	10
<b>V</b>	Computation of Total Income and Tax Liability of Individuals (excluding Computation of Salary Income).	10
<b>VI</b>	Filing of Returns and Assessment Procedure (4 hours): PAN, TAN, E-Filing and IT Challan.	04

#### **Statements of Course Outcomes (COs)**

<b>CO-1</b>	To helps to build an idea about income from house property as a concept
<b>CO-2</b>	It give more idea about the income from business or profession
<b>CO-3</b>	To develop an idea about capital gain among students
<b>CO-4</b>	To enlighten the concept of income from other source
<b>CO-5</b>	to make the students to handle different types of income computations to arrive at the taxable income,



<b>CO-6</b>	Familiarise the students about the tax assessment measures for different perspectives in income calculations.
-------------	---

## VI Semester– B.Com

### Subject – Techniques for Business Decisions - II

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Correlation Analysis:</b> Meaning, Methods of studying Correlation, Karl Pearson's Co-efficient of Correlation (Simple Correlation and Correlation for Grouped Data), and Probable Error.	<b>12</b>
<b>II</b>	<b>Regression Analysis:</b> Meaning, Correlation vs Regression, Determination of Regression Co-efficient, Framing Regression Equations, Simple Regression and Regression for Grouped Data.	<b>12</b>
<b>III</b>	<b>Index Numbers:</b> Meaning, Steps in construction of Index Numbers, Limitations, Types, Unweighted Simple Aggregate Index Number, Simple Price Relative Method, Weighted Index Numbers – Laspeyer's, Paasche's, Bowley's and Fisher's Ideal Index Numbers, Tests of Adequacy – TRT and FRT Cost of Living Index Numbers – Aggregate Expenditure and Family Budget Method.	<b>16</b>
<b>IV</b>	<b>Interpolation and Extrapolation:</b> Meaning, Utility, Algebraic Methods - Binomial and Newton's Methods only.	<b>10</b>
<b>V</b>	<b>Association of Attributes</b> (6 hours): Meaning, Correlation v/s Association of Attributes, Methods of Studying Association – Yule's Method only.	<b>06</b>
<b>VI</b>	<b>Statistical Quality Control:</b> Meaning, Objectives, Control Charts and their Uses, Types of Control Charts, Construction of Mean and Range Charts only.	<b>08</b>

## Statements of Course Outcomes (COs)

**By the end of the course, the student will be able**

<b>CO-1</b>	Understand and Analyze Correlation analysis. Predict values and extent of relationship between variables using Karl Person's co-efficient of Correlation and its probable error.
<b>CO-2</b>	To make them aware about Regression Co-efficient, Regression Line, Equations and Predict values co-efficient of Correlation using $b_{xy}$ and $b_{yx}$ .
<b>CO-3</b>	To enable, Understand and Keep them aware about index number, consistency test and cost of living index numbers.
<b>CO-4</b>	To enable, Understand and Keep them aware about Interpolation and Extrapolation: Predict values using - Binomial and Newton's Methods.
<b>CO-5</b>	To enable them to understand Association of Attributes Association – Yule's Method
<b>CO-6</b>	To enable them to understand and Construction of Mean and Range Charts.

## VI SEM – B.Com

### Subject – Methods & Techniques of Cost Accounting

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Job Costing:</b> Meaning, Features, Procedure of Cost Ascertainment, Advantages and Disadvantages of Job Costing, and Problems on Job Cost Sheet.	8
<b>II</b>	<b>Operating Costing:</b> Meaning, Classification of Operating Costs, Problems on Preparation of Operating Cost Sheet (only Transport Undertakings).	10
<b>III</b>	<b>Process Costing:</b> Meaning, Features, Treatment of Waste, Scrap, Normal Loss, Abnormal Loss and Abnormal Gain, Preparation of Process Accounts, and Problems (excluding Joint Products and By-products, Inter-process Profits and Equivalent Production)	12
<b>IV</b>	<b>Contract Costing:</b> Meaning, Features, Treatment of certain important Costs, Contract Price, Work Certified, Work Uncertified, Retention Money, Profit on Incomplete Contracts, Estimated Contracts, Preparation of Contract Accounts and Balance Sheet, and Problems.	10

<b>V</b>	<b>Marginal Costing:</b> Meaning, Definitions, Merits and Limitations, Marginal Cost Equations, P/V Ratio, BEP, Margin of Safety and simple Problems thereon.	14
<b>VI</b>	<b>Standard Costing:</b> Meaning, Definitions, Advantages and Limitations of Standard Costing, Analysis of Variances, Problems on Material Cost Variance, Material Price Variance, Material Usage Variance, Labour Cost Variance, Labour Rate Variance, and Labour Efficiency Variance.	10

#### Statements of Course outcomes (COs)

**By the end of the course, the student will be able,**

<b>CO-1</b>	To understand the concept of Job costing and to ascertain the cost of different jobs.
<b>CO-2</b>	To understand the concept of operating costing and to ascertain the cost of transport undertaking.
<b>CO-3</b>	To understand various aspects of process costing along and to define the process to compute total cost of a product belong to various production processes.
<b>CO-4</b>	To understand the concept of contract costing and accumulate total cost of a contract assigned.
<b>CO-5</b>	To understand the concept of marginal costing and define the terms with regard to BEP analysis.
<b>CO-6</b>	To understand the concept of standard costing & Define the terms with regard to variance analysis.

#### **VI SEM – B.Com**

##### **Subject – Principles and Practice of Auditing**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Auditing:</b> Meaning, Definition and Objectives of Auditing, Advantages and Limitations of Auditing, Classification of Audit-Statutory, Government, Internal and Continuous, Annual Audit; and Audit Programme –Audit Notebook and Audit Working Papers.	<b>12</b>
<b>II</b>	<b>Internal Check:</b> Meaning, Definition, Objectives and Merits, Internal Check regarding Cash Books, Purchase and Wages.	<b>10</b>
<b>III</b>	<b>Vouching and Verification:</b> Meaning, Definition, Objectives of Vouching, Vouching of Cash Transactions, Credit Purchase and Sales, Meaning of	<b>16</b>

	Verification and Valuation of Assets, Verification and Valuation of Stock in Trade, Plant and Machinery, Goodwill and Debtors	
<b>IV</b>	<b>Company Audit:</b> Appointment, Qualification and Removal of Company Auditor, Powers, Duties and Liabilities, Civil and Criminal Liability along with types of Audit Report – Clean and Qualified.	<b>14</b>
<b>V</b>	<b>Investigation</b> (12 hours): Meaning, Definition and Objectives of Investigation, Different Classes of Investigation, Differences between Investigation and Auditing.	<b>12</b>

#### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able**

<b>CO-1</b>	To Define Auditing, how the auditing helps the companies to check the accuracy of its accounts, to show the essentiality of auditing in business organization.
<b>CO-2</b>	To Summarize the effect of internal checking system in auditing of a business organization.
<b>CO-3</b>	To help students to know how the vouching and valuation of different asset are done.
<b>CO-4</b>	To understand and assume the powers, duties, liabilities of company auditor and discover the how audit report is generated.
<b>CO-5</b>	To Determine the purpose of investigation and how it helps in auditing process.

#### **VI SEMESTER – B.Com** **Subject – Small Business Management**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Introduction:</b> Meaning of Small Business, Small Business Management, Importance, Role, Characteristics and Types of Small Business, Scope, Role of Government in promoting Small Scale Industries.	<b>10</b>
<b>II</b>	<b>Women Entrepreneur:</b> Concept, Types of Women Entrepreneurs, Suitability of Business, Problems faced by Women Entrepreneurs in India, Measures taken by the Government for the development of Women	<b>12</b>

	Entrepreneurs.	
<b>III</b>	<b>Rural Entrepreneurship:</b> Definitions, Risk faced by Rural Entrepreneurs, Strategies for development of Rural Entrepreneurship, and Scope of Rural Entrepreneurship	<b>10</b>
<b>IV</b>	<b>Project Identifications and Formulation:</b> Meaning of Project, Project Identification and Project Report, Importance of Project Report, Contents of Project Report, and General format of Project Report	<b>12</b>
<b>V</b>	<b>Problems of Small Scale Industries:</b> Types of Problems, Causes and Remedies, Sickness in Small Scale Industries, Symptoms, Reasons for Sickness and Remedial Measures.	<b>12</b>
<b>VI</b>	<b>Institutions engaged in financing Small Business:</b> SIDBI, ICICI, DIC, IDBI, KSFC, RRBs, NABARD, Commercial Banks and their functions.	<b>8</b>

#### Statements of Course Outcomes (COs)

By the end of the course, the student will be able

<b>CO-1</b>	Understand what exactly is the small scale business, its importance, types and role
<b>CO-2</b>	Know meaning and types of Women Entrepreneurs and the problems faced by them
<b>CO-3</b>	Know meaning of rural entrepreneurs and strategies for the development of rural entrepreneurs
<b>CO-4</b>	Prepare projects with all important necessary inputs
<b>CO-5</b>	Make out reasons for the problems of small scale industries and remedies for the problems faced by the small scale industries
<b>CO-6</b>	Understand different financial institutions and their functions

### VI SEMESTER – B.Com

#### Subject – Quantitative Techniques - II

UNIT	Content	Hours Allotted
<b>I</b>	<b>Theory of Games:</b> Two-person zero-sum Game, Properties of a Competitive Game, Value of the Game, Finding Optimal Strategy by Maximin-Minimax Principle, Principle of Dominance and When Mixed Strategy is Given (Games without Saddle Point ( $2 \times 2$ ) Matrix only - Formula Method).	10

<b>II</b>	<b>Assignment Problems:</b> Hungarian Method, Types of Solving Assignment, Problems when equal number of Rows and Columns are given by Minimization and Maximization Methods; When Unbalanced Assignment Problem is given, Restrictions on Assignment (when missing values are given); and Salesmen Problems	12
<b>III</b>	<b>Transportation Problems:</b> Find IBFS by North West Corner Method, Least Cost Method and Vogel's Approximation Method; Test for Optimality by Stepping Stone Method, and IBFS in Unbalanced Transportation Problems.	14
<b>IV</b>	<b>Decision Theory and Analysis:</b> Decision Making under Uncertainty, Decision Tree Analysis – Advantages, and Simple Problems.	12
<b>V</b>	<b>Simulation:</b> Definition, Reasons, Methodology Point-wise, Advantages, Drawbacks, Applications, Stochastic Simulation, Simulation of Inventory Problems, Simulation of Queuing Problems, and Capital Budgeting.	10
<b>VI</b>	<b>Project Management:</b> Introduction, Network Analysis, Methodology of PERT/CPM Networks (point-wise), Basic Concepts of Network Analysis, Applications of Network Models, Time Estimation in Vertical Path Analysis, distinction between PERT And CPM, Simple Problems, Network Diagram, Finding Critical Path and Time Estimation.	06

#### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able to**

<b>CO-1</b>	Enable the students to understand the concept of Game theory and to solve problems on game using various methods.
<b>CO-2</b>	Keep them aware about Assignment Problem and enable the students to solve assignment problems.
<b>CO-3</b>	Enable the Students to gain an idea about Transportation Concepts to solve the problems to find the Initial Basic Feasible Solution.
<b>CO-4</b>	Keep them aware about Decision theory analysis- Decision making under uncertainty.

<b>CO-5</b>	Make familiarize the students about Simulation, Queuing System to solve the problems.
<b>CO-6</b>	To give an exposure to Project Management-Network Analysis, Network Diagrams and to find Critical Path also estimation of Time.

**VI SEMESTER – B.Com**  
**Subject – Soft Skills for Business**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Personal Skills</b> (knowing Self) : Self-concept, Self-awareness (SWOT Analysis), Self-confidence, Self-esteem, Self-control, Impression Building, Goal Setting; Mission and Vision, Positive Outlook, Assertive Skills, and Creative Thinking, Presentation Skills and Techniques, and Public Speaking.	<b>06</b>
<b>II</b>	<b>Non Verbal Communication</b> : Body Language, Gestures, Postures, Facial Expressions, Dress Codes, Cross Cultural Dimensions of Business Communication, Listening and Speaking, Techniques of Eliciting Response, Probing Questions, and Observation	<b>08</b>
<b>III</b>	<b>Unit – 3: Meetings</b> (4 hours): Importance, Meetings Opening and Closing Meetings, Brain Storming, E-meetings.	<b>04</b>
<b>IV</b>	<b>Employability Skills</b> (Preparing for a Job): Resume Writing, Validating Resume, Group Discussion, Interview Skill – Preparation for Personal Interview, Interview Attending Skills, Most Frequently Asked Questions in the Interview, Placement Interview, Discipline Interview, Appraisal Interviews, Exit Interviews, Telephonic Interview and Video Conference Interview	<b>06</b>
<b>V</b>	<b>Competency Mapping</b> ('Change and You'– Adaptability) : Corporate Expectations – Tuning Up of Attitude, Time Management, Presentation Skills, Grooming, and Change Competency.	<b>04</b>
<b>VI</b>	<b>Business Etiquettes</b> (Change Management) : Work Place Etiquettes, Telephone Etiquettes, Email Etiquettes, Dining Etiquettes, and Social Etiquette Conversation.	<b>04</b>

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able**

<b>CO-1</b>	Understand their skills like presentation, public speaking etc and also their strengths, weakness etc
<b>CO-2</b>	Use different types of communication modes and improve their listening skill and communication skill
<b>CO-3</b>	Know different types of meetings and its importance
<b>CO-4</b>	Face different types of interviews and will improve their writing and interview attending skills
<b>CO-5</b>	Change his personality as per the expectations of the corporate world
<b>CO-6</b>	Understand minimum etiquettes required at different place like working area, cafeteria etc



**DEPARTMENT OF COMPUTER SCIENCE**  
**COMPUTATIONAL MATHEMATICS - 1**

**Subject Code : BCA 1.3**

**Syllabus**

UNIT	Content	Hours Allotted
<b>I</b>	Definition of a set, sub-set with examples, Venn diagrams, types of sets-equal sets, null set, disjoint sets, finite set, infinite set, power set, cardinality of set. Operations on sets. Definition of a relation with examples, types of relations. Definition of a function with examples, types of function.	<b>12 Hours</b>
<b>II</b>	Definition of proposition or statement, proposition variables, negation of statements, truth table, conjunction, disjunction, implications quantifiers-predicate, universal quantifier, universal quantification, existential quantification. Conditional statement/implication, contra-positive and converse, equivalence or bi conditional, tautology, contradiction, logical equivalence, properties of proposition operation-commutative, associative, distributive, idempotent negation.	<b>12 Hours</b>
<b>III</b>	Principle of mathematical induction, simple problems on principle of mathematical induction. Fundamental principle of counting (statement with examples only), permutations-definition and simple problems. Combinations - definition and simple problems. Pigeon hole principle- statement and proof, extended pigeonhole principle- statement and proof.	<b>12 Hours</b>
<b>IV</b>	Definition of matrix and order of matrix, types of matrices-column matrix, row matrix, square matrix, diagonal matrix, scalar matrix, identity matrix, zero matrix. Operations on matrices-addition, subtraction, product of two matrices, scalar multiplication of a matrix, inverse of a matrix. Definition of determinant (definition and examples), determinant of matrix of order one , order two and order three(simple problems), properties of determinant, Applications of determinants and matrices.	<b>12 Hours</b>

**Statements of Course Outcomes (COs) :**

**By the end of the course, the student will be able to**

<b>CO-1</b>	Solve problems on Sets, Relations and functions.
<b>CO-2</b>	Verify the correctness of an argument using propositional and predicate logic and truth tables.
<b>CO-3</b>	Construct the proofs by using proof by mathematical induction, principles of counting and application of permutation and combination
<b>CO-4</b>	Demonstrate the ability to solve problems using operations of matrices and determinants.

**DEPARTMENT OF COMPUTER SCIENCE**

**COMPUTER FUNDMENTALS**

**Subject Code:BCA 1.4**

**Syllabus**

UNIT	Content	Hours Allotted
I	<b>Introduction to Computer Systems</b> Definition of a Computer, History of Computers, Generations of Computers, classification Of Computers, Applications of Computer, Capabilities and limitations of computer. Block diagram of a Computer with functional units (explanation), Parts of a computer system with peripherals (explanation of peripherals), and essential computer hardware , Information processing Cycle. Input and output device: Input devices-key board mouse (explanation with diagram and working), output devices, monitors types of monitors, types of printers – line and page printers, laser printer – working, advantages and disadvantages. Representation of data, text code -EBCDIC, ASCII, UNICODE.	12 Hours
II	<b>Computer Organisation &amp; Storage Device</b> Basic computer organization, bus Architecture and types .Primary Vs Secondary Storage, Primary Storage: RAM – SRAM, DRAM, SDRAM, DDR. ROM - PROM, EPROM, EEPROM, cache memory. Secondary Storage: Magnetic Tapes, Magnetic Disks. hard disks, Zip Drive, Flash Drives.	12 Hours
III	<b>MS Word and Power point</b> MS Word: Working with documents, formatting documents, Setting page style and page layout, Creating Tables, Printing documents, Mail merging. Power point: Introduction to presentation, Creating presentation, Formatting presentation, Adding effects to presentation, Printing Handouts.	12 Hours
IV	<b>MS Excel</b> Spread sheet and its applications, Data Formatting, Working with sheets, insertion and deletion of rows, columns and sheets, using formula in workbooks, creating charts, cell validation, filters.	12 Hours

**Statements of Course Outcomes (COs) :**

**By the end of the course, the student will be able to**

<b>CO-1</b>	Demonstrate the components of Computer system.
<b>CO-2</b>	Acquire basic understanding of Computer Organization architecture & storage devices.
<b>CO-3</b>	Develop simple applications using MS-Word and Power point.
<b>CO-4</b>	Develop simple applications using MS-Excel.

**DEPARTMENT OF COMPUTER SCIENCE**  
**INTRODUCTION TO INFORMATION TECHNOLOGY**

**Subject Code:BCA 1.5**

**Syllabus**

UNIT	Content	Hours Allotted
I	<b>Software</b> Definition of software, types of software - application software, general purpose and specific purpose, scientific and business software examples. System software - operating system, assembler, compiler, interpreter, linker, loader. Classification of programming languages - machine level, assembly level, high level languages, event driven, object oriented - advantage and disadvantages examples.	12 Hours
II	<b>Computer Networks</b> Definition, uses of network, applications of computer networks, types of network-point-to-point, broad cast, LAN, MAN, WAN network topology, introduction to different protocols (TCP/IP, SNMP, SMTP, FTP, HTTP, Telnet, ARP, DNS, Gopher, POP), network transmission Media (twisted pair, co axial, optical fiber), definitions of network interface card (NIC), Hub, Bridge, Switch, Router, Bandwidth, internet and its applications, understanding world wide web - how the web works, web browsers – examples, features, Telecommunication overview, Client server.	12 Hours
III	<b>E-Commerce</b> Defining commerce, main activities of electronic commerce, benefits, goals, components, functions, process management, service management, transaction capabilities, types, scope.	12 Hours
IV	<b>Introduction to clouds, big data and IOT</b> Cloud- introduction, cloud computing at a glance. Vision of cloud computing, defining a cloud, characteristics, advantages, disadvantages, examples. Big Data – meaning, 3Vs in big data, challenges. IOT- meaning, components, scope, IOT in education.	12 Hours

**Statements of Course Outcomes (COs) :**

**By the end of the course, the student will be able to**

<b>CO-1</b>	Understand the basic concept of software and Classification of programming languages.
<b>CO-2</b>	Understand the basic Computer Network technology and trends of. Computer Network
<b>CO-3</b>	Understand the concepts of E-Commerce, infrastructure, trends, types and Management of E-Commerce.
<b>CO-4</b>	Explore the basic concepts of Cloud Technology, Big Data Analytics and IOT.

**DEPARTMENT OF COMPUTER SCIENCE**  
**PROGRAMMING FUNDAMENTALS & C**

**Subject Code : BCA 1.6**

**Syllabus**

UNIT	Content	Hours Allotted
I	<b>Problem Solving Techniques:</b> Problem solving techniques – problem definition, analysis, design, debugging, testing, documentation and maintenance. Design Tools - ALGORITHM: definition, characteristics, advantages and disadvantages. FLOWCHART - definition, symbols, advantages and disadvantages. Writing an algorithm and flowchart : Area of circle, arithmetical operations, simple interest and compound interest, quadratic equation, largest of three numbers, sum of N natural numbers, factorial of number, Fibonacci series, prime number, reverse a given number, evaluation of series like $\sin(x)$ , $\cos(x)$ , $e^x$ , $\log(x)$ etc.	12 Hours
II	<b>C Basics</b> History of c-programming, Features, basic program structure, character set, tokens, keywords and identifiers. Constants, variables, data types, variable declaration, symbolic constant definition.	12 Hours
III	<b>Operators</b> Arithmetic, relational, logical, assignment, increment and decrement, conditional, bitwise and special operators, Arithmetic expressions, precedence of operators and associativity. Type conversion(implicit and explicit) and mathematical functions. Managing I/O operations – reading and writing a character, formatted and unformatted I/O.	12 Hours
IV	<b>Decision making, branching and looping 12 hrs</b> Decision making - if and if-else statement, nested if, else if ladder, switch statements, conditional operator, goto statement. Looping - while, do-while and for, nested for. break and continue statements. Programs on these concepts.	12 Hours

**Statements of Course Outcomes (COs) :**

**By the end of the course, the student will be able to**

CO-1	Understand the basic concepts of Problem-solving techniques.
CO-2	Understand the basic concepts of C-Language.
CO-3	Understand the basic concepts of operators and to manage the I/O operations.
CO-4	Understand the basic concepts of Decision making, branching and looping. Practical exposure to use a programming language.

## DEPARTMENT OF COMPUTER SCIENCE

### Computational Mathematics -II

**Subject Code : BCA 2.3**

### Syllabus

UNIT	Content	Hours Allotted
I	<b>Graph theory</b> Definition of graph, graph as models, matrices and isomorphism, graph terminologies- definitions, properties and examples, Decomposition and special graphs. Paths, cycles and trails -connection in graphs, bipartite graphs, Eulerian circuits. Vertex, degree, bijections paths, cycles and trails- connection in graphs,	12 Hours
II	<b>Directed Graphs</b> Definition of directed graph, properties and examples, vertex degrees, Trees and distance-basic properties, properties of trees, distance in trees and graphs, disjoint spanning trees, spanning trees and enumeration of trees, Hamilton paths and circuits, Decomposition of graphs, special graphs. Optimization and trees-minimum spanning tree, shortest paths, trees in computer science.	12 Hours
III	<b>Statistics</b> Definition, scope, characteristics, functions and limitations of statistics. Basic concepts- units/individuals, populations/universe, sample, variable, attribute, discrete variable, continuous variable, qualitative data and quantitative data. Stages of Statistical method – collection, organization presentation, analysis and interpretation of data. Classification of data - definition, objectives, types of classification, frequency, class frequency, frequency distribution ,discrete frequency distribution, continuous frequency distribution, inclusive class and exclusive class, class limits, correction factor, open-end frequency distribution, mid-point or class mark, width/size of class, number of classes, cumulative frequency, frequency density, construction of FDT for discrete and continuous data. Tabulation-definition, objectives, types of tables-one way/simple, two way and manifold tables.	12 Hours
IV	<b>Central Tendency</b> Definition, average, arithmetic mean, mode, median, geometric mean and harmonic mean, advantages and limitations. Simple problems on arithmetic mean, geometric mean and harmonic mean. Measures of Dispersion - range, range coefficient, mean deviation, mean deviation coefficient and standard deviation, standard deviation coefficient (definitions only). Problems on mean deviation, mean deviation coefficient and standard deviation, standard deviation coefficient.	12 Hours

### Statements of Course Outcomes (COs) :

**By the end of the course, the student will be able to**

<b>CO-1</b>	Able to define the basic concepts of graphs, weighted graphs and decomposition of graphs.
<b>CO-2</b>	Able to understand the basic concepts of Directed graphs, Trees. Optimization of trees and application areas in Computer Science.
<b>CO-3</b>	Demonstrate the ability to perform complex data management and analysis.
<b>CO-4</b>	Analyze statistical data using measures of Central tendency and dispersion.



## DEPARTMENT OF COMPUTER SCIENCE

### C and Linear Data Structures

**Subject Code : BCA 2.4**

### Syllabus

UNIT	Content	Hours Allotted
I	<b>Arrays and Functions</b> One and two dimensional arrays, array initialization. Strings - declaration and initialization of string variable, reading and writing strings, string handling functions. Functions – Need, syntax of function declaration, all types of functions, nesting of functions, categories, parameter passing mechanism, function with arrays.	12 Hours
II	<b>Pointers &amp; Structures</b> Pointer arithmetic, dynamic memory allocation, command line arguments. Structure- Definition, declaration, accessing structure members, structure with in structure, example programs, structure with array, union and difference between structure and union with example programs, typedef, enum	12 Hours
III	<b>Stack</b> Definition of data structure, types(primitive, non primitive-linear and nonlinear).Linear data structure- Stack: Definition and example, operations, representation of stack in C, evaluation of postfix expression, conversion from infix to postfix using stack table. Recursion: Recursive definition, and process, Recursion in C, writing Recursive programs- factorial. GCD, tower of hanoi, fibanocci, binomial coefficient, efficiency of recursion	12 Hours
IV	<b>Queue and Linked List</b> Queue – Definition, operations, representation of queue in C. Types- circular queue, double ended queue. Linked list - Definition and example, insert and delete (any where), search, count and display, Circular linked list and doubly linked list (concepts only).	12 Hours

### Statements of Course Outcomes (COs) :

**By the end of the course, the student will be able to**

CO-1	Understand the basic concepts of array and function. Practical knowledge through Implementation.
CO-2	Understand the basic concepts of pointers and structures. Practical exposure through Implementation.
CO-3	Interpret the various types of data structures and develop practical knowledge on stacks.
CO-4	Develop practical knowledge on Queues and linked list.

**DEPARTMENT OF COMPUTER SCIENCE**  
**DATABASE MANAGEMENT SYSTEM-I**

**Subject Code: BCA-2.5**

**Syllabus**

Unit	Content	Hours Allotted
<b>I</b>	<b>Introduction</b> Definitions of Data, database, database system, DBMS, examples, database system applications. Meaning of data and information, database management system vs. file management system, views of data, data independence, data models, database languages, database users and administrators, database system structure, application architecture, advantages of using DBMS, classification of DBMS, meaning of schema and instance.	12 Hours
<b>II</b>	<b>E-R Model</b> Basic-concepts, Definition of Data Models, Using high-level, conceptual data models for database design, , constraints, keys, an example database application, E-R diagram, types of entities, entity sets, attributes, types of attributes, weak entity sets, cardinality ratios (mapping cardinality), Definition of Ordinality, specialization, generalization. Differences between specialization and generalization.	12 Hours
<b>III</b>	<b>Relational Model</b> Structure of relational Databases, Relational algebra - select, project. union, set difference, rename, division operations, Modification of the database, queries using relational algebra. Extended relational algebra operations.	12 Hours
<b>IV</b>	<b>SQL</b> SQL- Background, basic structure, set operation, aggregate functions, NULL values, nested sub queries, Views, complex queries, Modification of the database, joined relations, Data Definition Language, domain constraints, referential integrity in SQL. Assertions, authorization, privileges in SQL. DDL Commands.	12 Hours

**Statements of Course Outcomes (COs) :**

**By the end of the course, the student will be able to**

<b>CO-1</b>	Evaluate the role of database management systems in information technology applications within organizations.
<b>CO-2</b>	Develop an Entity-Relationship model based on user requirements.
<b>CO-3</b>	Understand the basics of relational data model. Transform Entity-Relationship diagrams to Relational Schema.
<b>CO-4</b>	Experience how to use SQL language for constructing and utilizing database applications.

**DEPARTMENT OF COMPUTER SCIENCE**  
**DIGITAL FUNDAMENTALS**

**Subject Code: BCA -2.6**

**Syllabus**

UNIT	Content	Hours Allotted
I	<b>Number System and Boolean Algebra</b> Binary number system, decimal number system, octal number system, hexadecimal number system. Bases inter conversions. Representation of negative numbers - 1's and 2's complements. Codes - BCD, GRAY, EXCESS-3. Laws of Boolean algebra, Evaluation of Boolean expression, De Morgan's theorems and proof, simplification of Boolean expressions using Boolean laws, Basic gates (AND, OR, NOT): truth table, Definition, Boolean expression and symbols, universal gates (NAND, NOR): truth table, definition, Boolean expression and symbols, SOP and POS form, min term and max term, expression of Boolean equation in Min and Max term (conversion of SOP and POS forms to standard form)	12 Hours
II	<b>Logic Systems and K- Map</b> Realization basic gates using NAND and NOR gates. Realization of Boolean expression using basic gates and universal gates. XOR and XNOR gate (working, Boolean expression, symbol and truth table), K-map method: Rules, simplification of Boolean equation using K-map (up to 4 variables), without and with don't-care condition, Implementation using basic gates and universal gates, Quine McCluskey Tabulation method to determine and select essential prime implicants.	12 Hours
III	<b>Combinational Logic</b> Half adder and full adder, half subtractor and full subtractor. Code converters - BCD to Excess 3 and BCD to gray code, magnitude comparator, encoders (BCD to decimal), decoder (decimal to BCD), multiplexer (4:1 and 8:1), de-multiplexer (1:4 and 1:8).	12 Hours
IV	<b>Sequential Logic</b> Introduction, Flip-flops – SR, JK, D, T, JK-MS (Detailed Study) Registers – Introduction, shift register- types and applications. Counters – synchronous and asynchronous counters (Up, down, up down and Mod counters (asynchronous only)) with timing diagram..	12 Hours

**Statements of Course Outcomes (COs) :**

**By the end of the course, the student will be able to**

<b>CO-1</b>	Understand number representation and conversion between different representation.
<b>CO-2</b>	Illustrate digital logic and apply it to solve real life problems using K-Map.
<b>CO-3</b>	Analyze, design and implement combinational logic circuits.
<b>CO-4</b>	Analyze, design and implement sequential logic circuits.



**DEPARTMENT OF COMPUTER SCIENCE**  
**PROGRAMME OUTCOMES (POs)**

*Graduates will be able to achieve*

- a. An ability to apply mathematical foundations, algorithmic principles, and computer science theory in the modelling and design of computer-based systems.*
- b. An ability to identify, analyse, formulate and solve technical problems by applying principles of computing and mathematics relevant to the problem.*
- c. An ability to define the computing requirements for a technical problem and to design, implement and evaluate a computer-based system, process or program to meet desired needs.*
- d. An ability to learn current techniques, skills and modern engineering tools necessary for computing practice.*
- e. An ability to carry out experiments, analyse results and to make necessary conclusions.*
- f. An ability to take up multidisciplinary projects and to carry out it as per industry standards.*
- g. An ability to take up research problems and apply computer science principles to solve them leading to publications.*
- h. An ability to understand and apply Information Technology solutions in a global and social context.*
- An ability to understand and practice professional, ethical, legal, and social responsibilities as a matured citizen.*
- j. An ability to communicate effectively, both written and oral, with a range of audiences.*
- k. An ability to engage in life-long learning and to engage in continuing professional development.*
- l. An ability to cultivate team spirit and to develop leadership skills thereby moulding future entrepreneurs.*

## DEPARTMENT OF COMPUTER SCIENCE

*Non-Linear Data Structures using C++*

*Subject Code: BCA -3.3*

*Syllabus*

Unit	Content	Hours Allotted
<b>I</b>	<b>Introduction to C++andOOPS</b> Object Oriented Programming paradigm, Limitations of structures in C, Basic concepts of Object Oriented Programming- Classes, Objects, Data Abstraction and Encapsulation, Polymorphism, Inheritance, Dynamic binding, Message passing, Benefits of OOP, Object Oriented languages, applications of OOP.C++ features, Comparison with C, Structure of a C++ program, input and output statements Keywords, Data types, symbolic constants, type compatibility, declaration of variables, reference variables, operators in C++, controlstructures.	12 Hours
<b>II</b>	<b>Classes Objects, Member Functions AndConstructors-Destructors</b> Specifying a class, creating objects, memory allocation for objects, static data members, arrays within a class, local classes. Defining member functions, call by reference, return by reference, inline functions, default arguments, making an outside function inline, nesting of member functions, private member functions, function overloading, static member functions, const member functions, pointer to members, friend and virtual functions. Constructors, parameterized constructors, multiple constructors in a class, constructors with default arguments, copy constructor, dynamic constructors. Destructors.	12 Hours
<b>III</b>	<b>Operator overloadingAndInheritance</b> Overloading unary operators, overloading binary operators, overloading operators using friends, string manipulations using operators, rules for operator overloading, type conversions. Inheritance definition, defining derived classes, types-single inheritance, making a private member inheritable, multilevel inheritance, multiple inheritance, hierarchical inheritance, hybrid inheritance, virtual base classes.	12 Hours
<b>IV</b>	<b>TreesAndSorting</b> Tree terminologies, Binary tree, binary tree representation, types of binary tree - linked representation, tree traversals, and binary search tree and their applications, algorithm on searching element in a binary search tree, linear search and hashing, Quick sort, insertion sort, shell sort, radix sort, tree sort, heap sorting.	12 Hours

### Statements of Course Outcomes (COs):

**By the end of the course, the student will be able to**

<b>CO-1</b>	Understandthe fundamental Object oriented programming concepts and methodologies which are essential to build a good C++ programs.
<b>CO-2</b>	Develop programs using OOPS techniques and demonstrate virtual functions and dynamic binding with polymorphism.
<b>CO-3</b>	Understand overloading and learn how inheritance promote code reusability in C++.
<b>CO-4</b>	Know the strength and weakness of trees.Develops skills to implementprograms for sorting and searching.

## DEPARTMENT OF COMPUTER SCIENCE

### DATABASE MANAGEMENT SYSTEM- II

Subject Code: BCA -3.4

#### Syllabus

Unit	Content	Hours Allotted
<b>I</b>	Relational Database Design  Review of relational algebra and relational calculus concepts, Pitfalls in relational data base design, Normalization for relational databases. Normal forms based on primary keys, General definitions of first, second and third normal forms, Functional Dependency (concept and example) decomposition, Boyce Codd Normal Form - definition and example, fourth Normal form - Multi valued Dependencies - definition and example.	12 Hours
<b>II</b>	Storage and File Structure  Overview of physical storage media, MAGNETIC AND FLASH DISKS – performance measure of a disk optimization of disk block access, RAID, improvement of reliability via redundancy, improvement of performance via parallelism RAID levels, choice of RAID level, File organization – fixed and variable length records, organization of records in files, Data dictionary, Indexing and hashing – basics , Ordered indices, , B+ index files, structure of B+ index tree.	12 Hours
<b>III</b>	Transaction management and Recovery system  Transaction management- Concepts, simple transaction model, storage structure, transaction atomicity and durability. Recovery system- Failure classification, storage, recovery and atomicity- log records, data modification, concurrency control and recovery, transaction commit (concepts).	12 Hours
<b>IV</b>	PL/SQL  Features of PL/SQL, Advantages of PL/SQL, basic syntax, data types and Subtypes. Variables -: declaration, initializing variables, variable scope, assigning SQL query results to PL/SQL variables. Constants And Literals: Declaring a Constant, The PL/SQL Literal, Operators, Precedence, Conditions: IF-THEN and it's flavours, CASE Statement, Searched CASE Statement, Basic Loop Statement, WHILE LOOP Statement, FOR LOOP Statement, Reverse FOR LOOP Statement, Nested Loops, Labeling a PL/SQL Loop, The Loop Control Statements, EXIT Statement, The EXIT WHEN Statement, CONTINUE Statement, GOTO Statement, STRINGS: Declaring String Variables, String Functions and Operators, ARRAYS: Creating a Varray Type.	12 Hours

#### Statements of Course Outcomes (COs):

**By the end of the course, the student will be able to**

<b>CO-1</b>	Understand the relational database design principles.
<b>CO-2</b>	Explain database storage structures and access techniques.
<b>CO-3</b>	Apply transaction processing mechanisms in relational databases.
<b>CO-4</b>	Use PL/SQL language for constructing and utilizing a database application.

## DEPARTMENT OF COMPUTER SCIENCE

### SYSTEM SOFTWARE

**Subject Code: BCA 3.5**

### Syllabus

Unit	Content	Hours Allotted
I	<b>MachineArchitecture</b> Introduction, System software and machine architecture, Simplified Instructional Computers (SIC) and its architecture, Instruction Formats of IBM-360. Searching& Sorting - Linear and binary search, comparison, examples. Interchange sort, shell sort, bucket sort, radix exchange sort, address calculation sort, Random entrysearching.	12 Hours
II	<b>Assemblerand Loader</b> Introduction, General design procedure, design of Assembler, statement of problem, data Structure, Format of Date bases, Algorithm for pass 1 and pass 2, look for modularity. Explanation along with flowcharts for both pass 1 and pass 2 (detailed flowchart). Introduction to loader, Loader schemes- compile and go , general loader, Absolute loader, Sub routine linkage, Relocating loader, Direct linking loader, overlays, Dynamic loading.	12 Hours
III	<b>Macro Language andmacroprocessor</b> statement of problem, specification of databases and specification of database format, Algorithm and flowchart for processing macro definitions and macroexpansion.	12 Hours
IV	<b>Compiler</b> Introduction, Statement of problem, Phases of compiler, Detailed study of - Lexical phase, syntax phase, interpretation phase optimization phase, storage assignment phase, code generation phase, Assembly phase, passes of compiler. Data Structures: statement of problem, storage classes and its use.	12 Hours

### Statements of Course Outcomes (COs) :

**By the end of the course, the student will be able to**

<b>CO-1</b>	Analyze thedesign of modern processors, memories and I/Os.
<b>CO-2</b>	Analyze thedesign and implementation of one pass, two pass or multi pass assembler loader and linker.
<b>CO-3</b>	Understand the design and implementationof macro processors.
<b>CO-4</b>	Analyze the major phases of compilation and to understand the knowledge of Lex tool.

## DEPARTMENT OF COMPUTER SCIENCE

### JAVA PROGRAMMING

Subject Code: BCA - 4.3

#### Syllabus

Unit	Content	Hours Allotted
I	<b>Introduction to Java and JavaProgramStructure</b> Type conversions, Mathematical functions; Control Statements: Decision making, Branching and looping with while, do-while, for and labeled loops; Arrays- Declaration of 1D, 2D arrays, Class, Objects, Constructor, Method overloading, Staticmembers.  Strings-Introduction, classes and its methods.Vectors.Wrapper classes. Inheritance: Single, Multilevel, Hierarchical, Visibility modes, Method overriding, Final variable, Abstract methods and classes; <b>Interface</b> : Defining, Extending and Implementing assigning interface variables.	12 Hours
II	<i>Packagesand multithreading</i> Java API Packages, using system packages, naming convention, accessing and using a package, adding a class to packages, hiding classes. Multithreaded programming: Creating a thread, extending the thread class, stopping and blocking a thread, life cycle of a thread, using thread methods, thread exceptions, thread priority, synchronization, implementing the runnable interface.	12 Hours
III	<b>ExceptionsandDebugging</b> Meaning of errors and exceptions, Dealing with errors, Classifications of exceptions, syntax of handling exceptions, advertising the exceptions, throwing and rethrowing exceptions, creating Exception classes, multiple catch statements, finally clause, tips for using exceptions, Debugging techniques – tricks for debugging, Assertions, Java Debugger (JDB).	12 Hours
IV	<i>AppletsandGraphics</i> Applets basics, applet types, applets and application, Life cycle of an applet, applet programming- passing parameter to applets, paint and repaint methods, Graphics class, Line, Rectangle, Circle, Ellipse, Arcs and Polygon. Using control loops in applets, drawing bar charts.	12 Hours

#### Statements of Course Outcomes (COs) :

By the end of the course, the student will be able to

CO-1	Acquire basic knowledge of the structure and model of the Java programming language
CO-2	Explore the principles of packages and multithreading.
CO-3	Identify exceptions and develop programs using debugging techniques.
CO-4	Develop interactive programs using applets and Graphics.



## DEPARTMENT OF COMPUTER SCIENCE

### PL/SQL DATA WAREHOUSING

**Subject Code: BCA 4.4**

#### Syllabus

Unit	Content	Hours Allotted
<b>I</b>	<b>Procedures, Functions and Triggers</b> Parts of a PL/SQL Subprogram, Creating a Procedure, Executing a Standalone Procedure, Deleting a Standalone Procedure, Parameter Modes in PL/SQL Subprograms, Methods for Passing Parameters. Functions: Creating a Function, Calling a Function, Cursors : Implicit Cursors, Explicit Cursors, Declaring the Cursor, Opening the Cursor, Fetching the cursor, Closing the, Cursor, Exceptions: Syntax for Exception Handling, Raising Exceptions, User-defined Exceptions, Pre-defined Exceptions, Triggers: Creating Triggers, Triggering a Trigger.	12 Hours
<b>II</b>	<i>Packages, Collections and Transactions</i> PL/SQL — PACKAGES: Package Specification, Package Body, Using the Package Elements, COLLECTIONS: Index-By Table, Nested Tables, Collection Methods, Collection Exceptions <b>TRANSACTIONS:</b> Starting and Ending a Transaction, Committing a Transaction, Rolling Back Transactions, Automatic Transaction Control. OBJECT-ORIENTED: Instantiating an Object, Member Methods, Using Map method, Using Order method, Inheritance for PL/SQL Objects, Abstract Objects in PL/SQL.	12 Hours
<b>III</b>	<b>Data Warehousing and OLAP</b> Data Warehouse basic concepts: ODS, ETL functions, ODS and DW architecture, Guidelines for implementing DW, Difference between ODS and DW, OLTP and DW, OLTP and OLAP, Data Warehouse Modeling, Data warehouse Schema. OLAP: Characteristics, Multi-dimensional view and data cube, Data cube operations.	12 Hours
<b>IV</b>	<i>Data Mining</i> Introduction to Data Mining: KDD process, Architecture of Data Mining, Motivating Challenges, Data Mining Tasks, Data Mining Technologies Data Pre processing: Cleaning, integration, transformation, data reduction, data normalization. Data Mining Applications. Classification and Clusters-concepts and examples, Decision tree- concepts, algorithm, creating decision tree using information gain.	12 Hours

#### Statements of Course Outcomes (COs) :

**By the end of the course, the student will be able to**

<b>CO-1</b>	Design modular applications using procedures and functions. Manage data retrieval with cursors and cursor variables. Create triggers to solve business challenges.
<b>CO-2</b>	Design modular applications using packages and Object by enhancing the performance using collection datatypes and bulk operations. .
<b>CO-3</b>	Understand the basic concepts of Data warehousing, Appreciate the strengths and limitations of various data warehousing models.
<b>CO-4</b>	Understand the basic principles and algorithms used in practical data mining

## DEPARTMENT OF COMPUTER SCIENCE

### SOFTWARE ENGINEERING

**Subject Code: BCA -4.5**

#### Syllabus

Unit	Content	Hours Allotted
I	<b>Introduction</b> Definition of software, software problems (industrial strength software, software is expensive, late and unreliable maintenance and rework), software engineering challengers (scale, quality and productivity, attributes), software engineering approach (phased development process, managing process, components).	10 Hours
II	<i>Software processes and Software Planning</i> Introduction to software process (processes and process modules, component of software process), characteristics of software process (predictability, support, testability and maintainability, support change, early defect removal, process improvement and feedback), and software process models (waterfall, prototype, iterative enhancement model, spiral) comparison of process models. Introduction to planning, effort estimation (uncertainties, building efforts, bottom-up, COCOMO model), project scheduling and staffing (overall, detailed scheduling, team structure), risk management (concepts, assessment), project monitoring plan (measurements, project monitoring and tracking).	14 Hours
III	<b>Analysis and Design</b> Software requirements (needs and requirement process), problem analysis informal approach, data flow modeling, object oriented modeling, prototyping), requirement specification (characteristics of SRS, components of SRS, specification language, structure of requirement document), validation. Design: Function oriented design: design principles, module level concept (coupling, cohesion), structure design methodology (DFD, first level factoring).	12 Hours
IV	<i>Coding and Testing</i> Coding: programming principles and guidelines (common coding errors, structured programming, information hiding, some programming practices, coding standards), refactoring (basic concepts with examples, common refactoring), verification (code inspections, static analysis, proving correctness, unit testing). Testing: testing fundamentals, black box and white box testing, comparison between black box and white box testing, regression testing, testing process- levels of testing, test plan.	12 Hours

#### Statements of Course Outcomes (COs) :

**By the end of the course, the student will be able to**

CO-1	Acquire basic knowledge and understanding of the software engineering challenges, analysis and design of complex systems
CO-2	Analyze and specify software requirements through a productive working relationship with various stakeholders of the project
CO-3	Specify software requirements through a productive working relationship with various stakeholders of the project
CO-4	Develop the code from the design and effectively apply relevant standards and perform testing, and

**DEPARTMENT OF COMPUTER SCIENCE**

quality management and practice

**ADVANCED PROGRAMMING IN JAVA**

**Subject Code: BCA -5.1**

**Syllabus**

UNIT	CONTENT	HOURS ALLOTTED
I	<b>AWT, Advanced Graphics Programming</b> Review of Java Concepts. AWT and AWT Classes, Window fundamentals – Component, Container, Panel, Window, Frame, Canvas. Working with frame window. Graphics Programming: Graphics class, methods, working with colors and fonts. Advanced graphics operations using Java2D. Designing simple User Interfaces (UIs) using AWT (Label, Text Field, Choice, List, Checkbox, Checkbox Group, Scrollbar, Button, Text Area, Panel), Layout Manager.	12 Hours
II	<b>Event Handling and Swings</b> Event Handling: Basics of Event Handling, the delegation event model, AWT event hierarchy and event classes, Event Listener Interfaces, Adapter Classes, anonymous inner class, Eventqueue. Swing: Meaning, need difference between AWT and swing. The Model-View-Controller (MVC) design patterns, creating simple UIs using swing (JLabel, JText Field, JCombobox, JList, JCheckbox, JScrollbar, JButton, JRadioButton, JScroll Pane, J Panel, J Tabel, J Tree, JFrame) and handling basic events.	12Hours
III	<b>File Management and JDBC</b> File, creating a file, writing to a file, opening a file, reading from a file, file management, checking existence of a file, deleting a file. JDBC: Meaning, need, concept and structure of JDBC, relation with ODBC, JDBC driver types and their meaning, the JDBC process – loading the driver, connecting to the DBMS, creating, and executing SQL statement, Connection object, Statement object, Prepared Statement object, Callable Statement, Result Set, JDBCExceptions.	12Hours
IV	<b>Fundamental concepts of Collections, Generics and Java Beans</b> Collections: Meaning, need, Collection interfaces, Concrete Collections – Array List, Hash set, Map. Generics: Meaning, need, benefits, generics usage, basics of generic types, type parameter naming conventions, type wildcards, using type wildcards, generic methods, bound types, writing simple generic container, implementing container, implementing constructors, implementing generic methods. Meaning and need of Java Beans, Advantages, Bean writing process, Bean properties. Java Archives (JARs): Meaning, need, the JAR utility, Creating JAR files.	12Hours

**Statements of Course Outcomes (COs)**

**By the end of the course, the student will be able to**

CO-1	Illustrate a full set of UI widgets and other components, including windows, menus, buttons, checkboxes, text fields, scrollbars and scrolling lists, using Abstract Windowing Toolkit
CO-2	Summarize event handling on AWT and learn how to design stand-alone desktop-oriented Graphical User Interface based Java applications using Swing/Java Foundation Components.
CO-3	Understand basic file operations, file management, and learn to access database through Java programs, using Java Data Base Connectivity
CO-4	Compare the types of interfaces in Collections Framework and understand the objective of generic programming and implement generic classes and methods.



**DEPARTMENT OF COMPUTER SCIENCE**  
**WEB PROGRAMMING**  
**Subject Code: BCA 5.2**  
**Syllabus**

UNIT	CONTENT	HOURS ALLOTTED
I	<b>Introduction</b> Internet, WWW, Web Browsers and Web Servers, URLs, HTTP, Evolution of the Web, Peak into the History of the Web, Internet Applications, Important Components of the Web, Web Search Engines, Application Servers. HTML and DHTML Concepts: Programming structure, different basic tags, Images, Hypertext Links. Lists, Tables, Forms, Frames. Cascading Style Sheets: Introduction, Levels of style sheets, Style specification formats, Selector forms, Property value forms, Font properties, List Properties, Color, Alignment of text, The box model, Background images, The <span> and <div> tags.	12 Hours
II	<b>The JavaScript</b> Overview of JavaScript, Execution Environment, Object orientation and JavaScript, Syntactic characteristics, Primitives, operations, and expressions, Arrays, Functions, Pattern matching using regular expressions, Examples. Events and Event Handling, Meaning of client and server, Client-Server architecture, benefits, concept of ports and sockets. Protocol – Meaning, definition, examples, meaning of stateless and state (state full) protocols. HTTP protocol – meaning, http protocol request and response header formats, status codes. Client-Server communication scenario.	12 Hours
III	<b>JEE Technology Concepts</b> Multi-tier architecture for application development – Meaning, need, advantages. Meaning of enterprise application and web application, various tiers in enterprise application – client tier, web tier, business tier, and enterprise information system tier. Introduction to JEE concepts – Need, advantages, characteristics of JEE technology, the concepts of containers, components, and services – meaning of web container, application client container, EJB container.	12 Hours
IV	<b>Basics of PHP and Java Server Pages Programming Concepts</b> Introduction to JSP - language structure, advantages, characteristics, comparison between Java and Java Server Pages. Various aspects of Java Server Pages programs, writing and executing JSP programs. Writing dynamic programs using JSP. Database programming through JSP. Basics of PHP: Introduction, variables, functions, sessions, date, my sql integrations with php, file uploading. Beans, Advantages, Bean writing process, Bean properties. Java Archives (JARs): meaning, need, the JAR utility, Creating JAR files.	12 Hours

**Statements of Course Outcomes (COs)**

**By the end of the course, the student will be able to**

CO-1	Discover history, evolution and fundamentals of web and internet applications. Create static web page.
CO-2	Describe the function of JavaScript as a dynamic webpage creating tool
CO-3	Explain multi-tier architecture for developing an application and advantages of JEE.
CO-4	Distinguish PHP as a server-side programming language

## DEPARTMENT OF COMPUTER SCIENCE

### OPERATING SYSTEM

**Subject Code: BCA 5.3**

#### Syllabus

UNIT	CONTENT	HOURS ALLOTTED
I	<b>Introduction</b> Definition of Operating System, need. Early systems – Batch Systems, Multiprogramming, Time Sharing, Parallel and Distributed systems. Special Purpose Systems – Real Time, Embedded Systems, Multimedia Systems, Handheld Systems. Computing Environments – Traditional, Client Server, Peer-to-Peer and Web based. Open-Source Operating Systems.	12 Hours
II	<b>Process Management</b> Process concept – meaning of process, sequential and concurrent processes, process state, process control block, threads, Process scheduling – scheduling queues, schedulers, context switch. Operations on Processes – creation and termination. Inter process communication – Independent and co-operating processes. Communication in client-server systems – RPC and RMI. Process scheduling– Basic concepts Processor - CPU I/O burst cycle, CPU Scheduler, Preemptive scheduling, and dispatcher. Scheduling criteria, Scheduling algorithm – First-Come-First-Served (FCFS), Shortest Job First (SJF), Priority Scheduling, Round Robin. Multi-level queue scheduling (Concepts only), multi- level feedback queue scheduling (Concepts only). Multiple processor scheduling, real time scheduling.	14Hours
III	<b>Deadlocks</b> Definition with example, System model, Dead lock characterization – Necessary Conditions, Resource Allocation Graph, Dead lock prevention, Avoidance and detection, Recovery from deadlock.	08Hours
IV	<b>Memory Management, Disk and File Management</b> Logical and Physical address space, Swapping, Contiguous allocation, Paging, Segmentation, Virtual memory - demand paging and its performance, Page replacement algorithms, Allocation of frames, Thrashing. Secondary Storage Structure and Disk Management: Disk structure & scheduling methods, Disk management, disk reliability. File concepts, Access methods, Directory structure, Protection and consistency semantics, File system structure, Allocation methods, free space management.	14Hours

#### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able to**

CO-1	Identify basic components of operating system and relate different types of Operating System and their services.
CO-2	Compare process scheduling algorithms and interpret synchronization techniques to achieve better performance of a computer system.
CO-3	Illustrate deadlocks on advanced applications and understand principles of deadlock and its prevention.
CO-4	Explain the limits of fixed memory allocation schemes, fragmentation in dynamic memory allocation, approaches of basic dynamic allocation.

**DEPARTMENT OF COMPUTER SCIENCE**  
**DATACOMMUNICATION**  
**Subject Code: BCA 5.4**  
**Syllabus**

UNIT	CONTENT	Hours Allotted
I	<b>Introduction to Data Communication</b> Communication model & Data Communication networking –types. Data Transmission. Transmission terminology, Analog & Digital data transmission, Transmission impairments – attenuation, delay distortion & noise. Guided Transmission- types- Twisted pair, coaxial cable & optical fiber – physical description, application & characteristics. Unguided Transmission wireless transmission: types- Terrestrial type, Satellite, Broadcast radio – physical description, application & characteristics.	14Hours
II	<b>Data encoding</b> Basics, types and description of different signals, Digital data & digital signals: NRZ, multilevel binary, Bi phase techniques. Digital data & Analog signals: Encoding techniques- ASK, FSK,PSK Analog data & Digital signals: PCM & delta modulation Analog data & Analog signals: Modulation- AM & FM Spread spectrum: Frequency hopping, direct sequence Asynchronous & synchronous transmission: Line configurations- full duplex & half duplex.	10Hours
III	<b>Data link control &amp; medium access sub</b> Flow control: Stop and wait & sliding window flow control. Error detection: Parity check, CRC Error control: Stop and wait ARQ, Go Back-N ARQ High-level data link control: basics, Characteristics, frame structure, operation medium access sub layer- the channel allocation problem. Multiple access Protocol-ALOHA, carriers sense multiple access protocol, collision free protocol.	12Hours
IV	<b>Multiplexing and Switching</b> Frequency division multiplexing- characteristics, analog carrier systems, Time division multiplexing- characteristics, link control. Digital carrier system, ISDN user network interface.Circuit switching networks- switching concept, space division & time division switching- Pocket switching networks-principles, switching technique, and packet size. Comparison of Circuit switching & Pocket switching.	12Hours

**Statements of Course Outcomes (COs)**

**By the end of the course, the student will be able to**

CO-1	Explain the basics of internet, data communication and networking. Classify Guided and Unguided transmissions.
CO-2	Articulate types of signals and illustrate synchronous and asynchronous transmission, network formation.
CO-3	Illustrate various flow controls. Relate error control schemes and judge multiple access protocols
CO-4	Describe time division multiplexing and design user network interface. Evaluate and compare various network switching techniques

## DEPARTMENT OF COMPUTER SCIENCE

### COMPUTER NETWORKS

**Subject Code:BCA5.5**

#### Syllabus

UNIT	CONTENT	HOURS ALLOTTED
I	<b>Basics</b> Uses of computer networks, network hardware- broadcast networks, point – to -point networks, network software-protocol hierarchies, design issues, interface & services, connection oriented & connection less services, service primitives, OSI reference model- description of each layer. TCP/IP reference model, comparison of the two models, Critique of the OSI model and protocols, Critique of the TCP/IP model and protocols, Example networks-ARPANET, ATM.	14Hours
II	<b>The Network layer</b> Design issues, routing algorithms- the optimality principle, shortest path routing, distance vector routing, and link state routing. Congestion control algorithms- general principle, Congestion prevention policies, traffic shaping. The network layer in the internet - the IP protocol, IP address, and subnet. Internet control protocol.	12Hours
III	<b>The Transport layer</b> The transport service- services provided to the upper layer, quality service, and transport service primitives. Elements of transport protocol - addressing, establishing a connection, releasing a connection. A simple transport protocol- the example service primitives, the example transport entity. The Internet transport protocol (TCP & UDP)- the service model, the TCP segment header, the TCP connection management. UDP - header.	12Hours
IV	<b>The Application layer</b> Network security - traditional cryptography, two fundamental cryptographic principles, secret key & public key algorithms. DNS - Name space, SNMP – model .Electronic mail, architecture and services, www.	10Hours

#### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able to**

CO-1	Conclude the usage of computer networks, network hardware and its types. Understand reference models, protocol & its types , Example networks-ARPANET, ATM.
CO-2	Analyze the routing algorithms and congestion control algorithms, policies to prevent congestions.
CO-3	Understand the elements of transport services provided to upper layer & protocol and learn about Internet transport protocol
CO-4	Explain network security in application layer and interpret cryptography principles.



## DEPARTMENT OF COMPUTER SCIENCE

### UNIX OPERATING SYSTEM

Subject Code: BCA - 6.1

#### Syllabus

UNIT	CONTENT	Hours Allotted
I	<b>Introduction</b> The Unix operating system, A brief Session, The Unix Architecture, Features of UNIX, POSIX and Single UNIX specification, Locating commands, Internal and External commands, Command Structure, Flexibility of command Usage, Man Browsing the Manual Pages ON-line, Understanding the man documentation. General-Purpose Utilities: Cal command, date command, echo, printf, bc, script, passed, who, uname.	12 Hours
II	<b>The File System</b> The file, The Parent –Child Relationship, The HOME Variable, pwd, cd, mkdir, rmdir, Absolute Pathname, Relative Pathname, ls, The Unix File system. Handling Ordinary Files: Cat, cp, rm, mv, more, The lp subsystem: Printing a File, File, wc, od, cmp, comm, diff, dos2unix and unix2dos, compressing and archiving files, gzip, and gunzip, tar, zip and unzip. Basic File Attributes: Listing file attributes, listing directory attributes, File Ownership, File Permissions, changing file permissions, Directory Permissions, Changing File Ownership.	10 Hours
III	<b>The Vi Editor</b> Vi basics, Input Mode, Saving Text and Quitting, Navigation, Editing Text, Undoing Last Editing Instructions(UandU), Repeating the last command(.), Searching for a Pattern(/and ?), Substitution. Process basics, process status, system process, Mechanism of process creations, Internal and external commands, process states and zombies, running jobs in background, nice, killing process with signals, job control, at and batch, cron, timing process. Simple Filters: The sample database, pr, head, tail, cut, paste, sort, uniq, tr, displaying a word- count list. Filters using regular expressions: grep, basic regular expressions, extended regular expressions.	14Hours
IV	<b>The Shell</b> -The shell's Interpretive Cycle, Shell Offering, Pattern Matching, Escaping and Quoting, Redirection, /dev/null and /dev/tty, Pipes, tee, Command Substitution, Shell variables. Essential shell programming: Shell scripts, read, using command line arguments, exit and exit status of command, the logical operators && and   - conditional execution, the if conditional, using test and to evaluate expressions, the case conditional, expr, \$0: calling a script by different names, while, for, set and shift, the here document (<<), trap, debugging shell scripts with set -x, sample validation and data entry scripts.	12Hours

#### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able to**

CO-1	Describe the architecture and features of UNIX Operating System and distinguish it from other Operating Systems.
CO-2	Demonstrate UNIX commands for file handling and process control.
CO-3	Formulate regular expressions and use them for pattern matching
CO-4	Interpret SHELL programming, its services, and utilities.



Phone: 8147053084  
8147053085

email : principalams@pestrust.edu.in  
: pesiams@pestrust.edu.in  
Website : pestrust.edu.in/pesiams

ಪಿಇಎಸ್ ಇನ್‌ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಅಡ್ವಾನ್ಸ್‌ಡ್ ಮ್ಯಾನೇಜ್‌ಮೆಂಟ್ ಸ್ಟಡೀಸ್  
(ಅರಸೀಕೆರೆ ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಸಂಯೋಜನೆಯಲ್ಲಿರುವ ಮತ್ತು ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಮಾನ್ಯತೆ ಪಡೆದಿದೆ)  
ಎಸ್ ಹೆಚ್ 206, ಸಾಗರ ರಸ್ತೆ, ಶಿವಮೊಗ್ಗ - 577 204 (ಕರ್ನಾಟಕ)

**PES Institute of Advanced Management Studies**

(Affiliated to Kuvempu University, Recognized by Govt. of Karnataka)

N H-206, Sagar Road, Shivamogga - 577 204 (Karnataka)

## Department of Computer Science

### .NET PROGRAMMING

Subject Code: BCA - 6.2

#### Syllabus

UNIT	CONTENT	HoursAllotted
I	<b>Introduction to C# &amp; .NET platform and Building C# Applications</b> Introduction to C# and .NET platform: .NET solution, Building blocks of the .NET platform(CLR, CTS, CLS), Role of .NET base class libraries, .NET Aware programming languages, role of common intermediate languages & type metadata and assembly manifests, A tour of the .NET namespaces.Building C# Applications: Role of the command line complier(csc.exe), Building a C# application using csc.exe, the command line debugger(cordbg.exe), using the visual studio .NET IDE & its debugging, C# "pre-processor" directives.	10Hours
II	<b>C# language fundamentals</b> Anatomy of a basic C# class, creating objects: constructor basics, Default assignments & variables scope, variables initialization syntax, basic inputs & output with the console class, understand static methods, arrays & string manipulations, Encapsulation Services, Class Properties , Read and Write only Properties, Static Properties, Inheritance Is As keyword Usage, Controlling Base Class Creation With Base, Sealed Classes, Delegation , Polymorphism, The Virtual and Override Keywords ,Abstract Classes, Abstract Methods.	14Hours
III	<b>Exception &amp; object life time and Interface and Collections</b> Exception & object life time :The Basics of Object Life Time, The Role Of Application Roots, Understanding Object Generations, The Role Of .NET Exception Handling ,Throwing a Generic Exception ,Catching Exceptions, Properties of Exception, Multiple Exception (Concepts Only),The Finally Block Interface & Collections : Definition, Implementing an Interface in C#, Interface members at object level, Interface as Parameters, Interface as Return Values, Arrays of Interface Types, Interface Hierarchies, Interface as polymorphic agents, Exploring the system. collections Namespaces.	12Hours
IV	<b>Introducing windows forms</b> -Overview of the system. windows. Forms Namespaces, An Anatomy of a Form, A Simple Form Program, Function with Control Class, The Functionality Of the Form Class, Component class, control class, Programming with windows forms controls : Working with Button types, Check Boxes, Radio Buttons, Group Boxes, List Boxes, Calender control, assigning tool tips for controls.The Two Faces Of ADO. NET, Understanding ADO.NET Data Providers, Understanding The Connected Layer of ADO.NET, Working with Connection Object, Inserting, Updating and Deleting Records utility, CreatingJARfiles.	12Hours



Phone: 8147053084  
8147053085

email : principalams@pestrust.edu.in  
: pesiams@pestrust.edu.in  
Website : pestrust.edu.in/pesiams

ಪಿಇಎಸ್ ಇನ್ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಅಡ್ವಾನ್ಸ್ಡ್ ಮ್ಯಾನೇಜ್‌ಮೆಂಟ್ ಸ್ಟಡೀಸ್  
(ಅರಸೀಕೆರೆ ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಸಂಯೋಜನೆಯಲ್ಲಿರುವ ಮತ್ತು ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಮಾನ್ಯತೆ ಪಡೆದಿದೆ)  
ಎಸ್ ಹೆಚ್ 206, ಸಾಗರ ರಸ್ತೆ, ಶಿವಮೊಗ್ಗ - 577 204 (ಕರ್ನಾಟಕ)

**PES Institute of Advanced Management Studies**

(Affiliated to Kuvempu University, Recognized by Govt. of Karnataka)  
N H-206, Sagar Road, Shivamogga - 577 204 (Karnataka)

## Department of Computer Science

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able to**

CO-1	Understand code solutions and compile C# projects within the .NET framework
CO-2	Demonstrate knowledge of object-oriented concepts and design user experience and functional requirements C#.NET application.
CO-3	Understand and implement string manipulation, events, and exception handling within .NET application environment.
CO-4	Design and Implement database connectivity using ADO.NET in window-based application.

**Department of Computer Science**  
**Computers Fundamentals and C Programming**  
**Subject Code: BSC-1**  
**Syllabus**

UNIT	Content	Hours Allotted
<b>I</b>	<b>Introduction to Computer Systems</b> Definition of a Computer, History of Computers, Generations of Computers, types of computer – based on size and working principle, Block diagram of a Computer with functional units(explanation), Parts of a computer system, Information processing Cycle. Definition of software and hardware, types of programming languages, assembler, compiler, interpreter, linker, loader (Definitions only), number system – decimal, binary, octal and hexadecimal number, inter-conversion of decimal to binary and vice-versa. ASCII codes. Algorithm definition, Characteristics, notations. Flowchart-definition, Symbols used in writing the flowchart Writing an algorithm and flow-chart of simple problems	<b>10 Hours</b>
<b>II</b>	<b>Introduction to Computer Systems</b> Introduction to C, features of C , basic C program structure, character set, tokens, keywords and identifiers. Constants, variables, data types, variable declaration, symbolic constant definition.	<b>10Hours</b>
<b>III</b>	<b>Operators and Expressions</b> C operators- arithmetic, relational, logical, bitwise, assignment, increment and decrement, conditional (?:) and special operators, Arithmetic expressions, precedence of operators and associativity. Type conversions, mathematical functions. Definition of macro and pre-processor directives, Managing I/O operation – reading and writing a character, formatted and unformatted/O functions	<b>08Hours</b>
<b>IV</b>	<b>Control Structures-Conditional control statements-</b> if, if-else, nested-if, switch , go to statement, while, do-while and for statements. Unconditional control statements- break, continue and return statements(definition and explanation with syntax, flowchart and examples)	<b>10Hours</b>
<b>V</b>	<b>Arrays, Strings and Functions</b> Definitions of an array, types-one and two dimensional array,(definition, declaration, initialization with examples). Strings–definition, declaration and initialization of string variable, string handling functions- strcmp, strcpy, strcmp, strlen, strcmp, strcmp(explanation with syntax and examples) Functions – definition, need, syntax for function declaration, function prototype, category of functions, nesting of functions, function with arrays, scope of variables ,parameter passing mechanism call by value and call by reference. Recursion and Recursive function (definitions only)	<b>10 Hours</b>

**Statements of Course Outcomes (COs):**

**By the end of the course, the student will be able to**

<b>CO-1</b>	Demonstrate the components of Computer systems.
<b>CO-2</b>	Understand the basic concepts of C-Language.
<b>CO-3</b>	Explain different types of operators and manage I/O Operations.
<b>CO-4</b>	Understand the basic concepts of Decision making, branching and looping. Practical exposure to use a programming language.
<b>CO-5</b>	Develop practical knowledge on arrays and different types of string functions.



**Department of Computer Science**  
**DATA STRUCTURES USING C**  
**Subject Code: BSC-2**  
**Syllabus**

UNIT	Content	Hours Allotted
I	<b>Introduction to Data Structure</b> Definition of Structure, syntax and example for structure declaration. Definition of union, syntax and example for union declaration, difference between structure and union. Pointers–Definition, Declaration, Examples. Dynamic memory allocation functions – syntax and examples. Definition of Data Structure and types of data structures with examples.	10 Hours
II	<b>Stack and recursion</b> Definition and example of stack (LIFO), operations of stack with algorithms, applications of stack, algorithm for the conversion of infix to postfix expression. evaluation of postfix expression, Tower of Hanoi problem and factorial of a number using recursion.	10Hours
III	<b>Queue</b> Definition and example of Queue (FIFO), operations on queue, types of queue – ordinary queue and circular queue (definitions only), disadvantages of ordinary queue. Linked list–Definitions and types of lists (definitions only), operations of Single Linked List, implementation of stack using linked list, implementation of queue using linked list,	10Hours
IV	<b>Tree</b> Definition of a Tree, Definition of root, left sub tree, right sub tree, degree of node, terminal node, depth, Definition of Binary tree, types of binary trees (definition only), Algorithm for tree traversal.	10Hours
V	<b>Sorting and searching</b> Definition of sorting, explanation of bubble sort, shell sort, radix sort and merge sort with examples. Definition of searching, explanation of Binary search and linear search with examples and algorithms.	8 Hours

**Statements of Course Outcomes (COs):**

**By the end of the course, the student will be able to**

CO-1	Understand the basic concepts of pointers and structures. Practical exposure through Implementation.
CO-2	Describe stacks, evaluate expressions and understand process of recursion.
CO-3	Use different types of queues and explain its operations.
CO-4	Memorize types of binary tree and traverse them.
CO-5	Understand concepts about searching and sorting techniques.

**Department of Computer Science**  
**OBJECT ORIENTED PROGRAMMING WITH C++**  
**Subject Code: BSC-3**  
**Syllabus**

UNIT	Content	Hours Allotted
I	<b>Introduction to OOPS</b> Object Oriented Programming paradigm, Basic concepts of Object-Oriented Programming Classes, Objects, Data Abstraction and Encapsulation, Polymorphism, Inheritance, Dynamic Binding, Message passing, Benefits of OOP, applications of OOP.	10 Hours
II	<b>Introduction to C++</b> Difference between C and C++, Structure of a C++ program, input and output statements, tokens - Keywords, identifiers, constants, strings and operators, reference variables – definition and example, special operators in C++, brief introduction to control structures in C++.	10 Hours
III	<b>Classes Objects and Member Functions</b> Difference between structure and class, syntax and example for class declaration, Definition of data member and member function, Defining member function inside and outside the class, inline functions, array of objects, default arguments, static data members and static member functions, function overloading, definition of friend function, syntax and example for the declaration of friend function, special characteristics of friend function.	10 Hours
IV	<b>Constructors, destructors and Operator overloading</b> Definition of a constructor, types - parameterized constructor, default constructor, copy constructor, special characteristics of constructor, definition of a destructor, special characteristics of destructor, definition to Operator overloading, overloading binary operator (+) to add two complex numbers, rules for operator overloading.	09 Hours
V	<b>Inheritance and templates</b> Definition of Inheritance, forms of inheritance, syntax and examples for defining derived classes, visibility modes, explanation of multilevel inheritance and hybrid inheritance with examples. Definition of templates, syntax and examples for class and function template.	09 Hours

**Statements of Course Outcomes (COs):**

**By the end of the course, the student will be able to**

CO-1	Understand the fundamental Object-oriented programming concepts.
CO-2	Understand the methodologies which are essential to build a good C++ program.
CO-3	Develop programs using OOPS techniques and demonstrate virtual functions and dynamic binding with polymorphism.
CO-4	Categorize various types of Constructors and implement them.
CO-5	Analyze advantages of overloading and learn how inheritance promote code reusability in C++.

**Department of Computer Science**  
**DATABASE MANAGEMENT SYSTEM**  
**Subject Code: BSC-4**  
**Syllabus**

UNIT	Content	Hours Allotted
I	<b>Introduction to DBMS</b> Meaning of data and information, definitions of database, applications of database system, definition of DBMS, disadvantages of file processing system (advantages of DBMS), three levels of data abstraction, difference between schema and instance, definition of data models, types of data models (brief explanation), database languages – DDL and DML.	10 Hours
II	<b>E-R model</b> Different types of database users, functions of Database Administrator (DBA), basic-concepts - Primary keys, foreign key, super key, definition of E-R diagram, symbols used in E-R Diagram, E-R diagram for Banking enterprise, E-R diagram for Book store, types of entities, entity sets, attributes, types of attributes, weak entity sets, cardinality ratios (mapping cardinality).	10Hours
III	<b>Relational Model</b> Fundamental operations of Relational algebra - select, project, union, set difference, join, division operations (explanation with examples). Types of aggregate functions – MAX, MIN, SUM, COUNT and AVERAGE (Definition with example).	10Hours
IV	<b>SQL</b> Definition of Query, explanation of basic structure of SQL – Select, from and where clauses in SQL, data types in SQL, explanation of set operation in SQL – Union, intersection, except, NULL values.	09Hours
V	<b>Relational database design</b> Pitfalls in relational database design, definition of Normalization, Various types of Normal forms (Definitions only) – First Normal form, Second Normal form, Third Normal form, Boyce-Codd Normal Form (BCNF).	09 Hours

**Statements of Course Outcomes (COs):**

**By the end of the course, the student will be able to**

CO-1	Evaluate the role of database management systems in information technology applications within organizations.
CO-2	Develop an Entity-Relationship model based on user requirements.
CO-3	Understand the basics of relational data models. Transform Entity-Relationship diagrams to Relational Schema.
CO-4	Experience how to use SQL language for constructing and utilizing database applications.
CO-5	Interpret relational database designs and understand different types of normal forms

**Department of Computer Science**

**JAVA PROGRAMMING**

**Subject Code: BSC-5.1**

**Syllabus**

UNIT	Content	Hours Allotted
I	<b>Introduction to Java</b> History of Java, Java features, Difference between C/C++ and Java, Java program structure, Java tokens, Statements, JVM, Java and Internet, Java and WWW, Web browsers, Java support system, Java Development Kit (JDK), Application Programming Interface(API), Java Runtime Environment (JRE). Introduction to packages in Java, Applets, Operators & Expressions, Data types, Constants and Variables, Type conversions, Mathematical functions; Control Statements: Decision making and Branching with while, do-while, for and labeled loops; Arrays, Vectors & Strings: Initialization, Declaration	12 Hours
II	<b>Overview</b> Class, Objects, Constructor, Method overloading, Static members; Inheritance: Single, Multilevel, Hierarchical, Visibility modes, Method overriding, Final variable, Abstract methods and classes; Interface: Defining, Extending and implementing assigning interface variables	10Hours
III	<b>Packages and multithreading</b> Java API Packages, using system packages, naming convention, accessing and using a package, adding a class to packages, hiding classes. Multithreaded programming: Creating a thread, extending the thread class, stopping and blocking a thread, life cycle of a thread, using thread methods, thread exceptions, thread priority, synchronization, implementing the runnable interface.	10Hours
IV	<b>Exceptions and Debugging</b> Meaning of errors and exceptions, Dealing with errors, Classifications of exceptions, syntax of handling exceptions, advertising the exceptions, throwing and re-throwing exceptions, creating Exception classes, multiple catch statements, finally clause, Debugging techniques – tricks for debugging, Assertions, Java Debugger (JDB).	08Hours
V	<b>Applets and Graphics</b> Applets basics, applets and application, Life cycle, Life cycle of Applet programming- passing parameter to applets, paint and repaint methods, Graphics class, Line, Rectangle, Circle, Ellipse, Arcs and Polygon, drawing bar charts.	08 Hours

**Statements of Course Outcomes (COs):**

**By the end of the course, the student will be able to**

<b>CO-1</b>	Acquire basic knowledge of the structure and model of the Java programming language
<b>CO-2</b>	Understand Inheritance and its applications.
<b>CO-3</b>	Explore the principles of packages and multithreading.
<b>CO-4</b>	Identify exceptions and develop programs using debugging techniques.
<b>CO-5</b>	Develop interactive programs using applets and graphics.

**Department of Computer Science**

**UNIX PROGRAMMING**

**Subject Code: BSC-5.2**

**Syllabus**

UNIT	Content	Hours Allotted
<b>I</b>	<b>Introduction to Operating system</b> Definition of OS, functions of operating systems. Early systems – Simple monitors, Batch Systems, Multiprogramming, Time Sharing, Real time, Parallel and Distributed systems Scheduling concepts, Scheduling algorithms: FCFS, Shortest job first, priority scheduling, round robin, Definition of deadlock problem, deadlock characteristics, deadlock prevention and avoidance. File concept –allocation and access methods, directory structures, Contiguous allocation.	<b>12 Hours</b>
<b>II</b>	<b>Introduction to Unix</b> The Unix operating system, , A brief Session, The Unix Architecture, Features of UNIX, POSIX and Single UNIX specification, Locating commands, Internal and External commands, Command Structure, Flexibility of command Usage, Man Browsing the Manual Pages ON-line, Understanding the man Documentation. General-Purpose Utilities: Cal command, date command, echo, printf, bc, script, passwd, who, uname	<b>10Hours</b>
<b>III</b>	<b>The File System in Unix</b> The file, The Parent –Child Relationship, The HOME Variable, pwd, cd, mkdir, rmdir, Absolute Pathname, Relative Pathname, ls, The Unix File system. Handling Ordinary Files: Cat, cp, rm, mv, more, Thelp subsystem: Printing a File, File, wc, od, cmp, comm, diff, dos2unix and unix2dos, compressing and archiving files, gzip, and gunzip, tar, zip and unzip. Basic File Attributes: Listing file attributes, listing directory attributes, File Ownership, File Permissions, changing file permissions, Directory Permissions, Changing File Ownership	<b>10Hours</b>
<b>IV</b>	<b>The Vi Editor</b> Vi basics, Input Mode, Saving Text and Quitting, Navigation, Editing Text, Undoing Last Editing Instructions(U and U), Repeating the last command(.), Searching for a Pattern(/ and ?), Substitution	<b>08Hours</b>
<b>V</b>	<b>The Shell</b> The shell's Interpretive Cycle, Shell Offering, Pattern Matching, Escaping and Quoting, Redirection, /dev/null and /dev/tty, Pipes, tee, Command Substitution, Shell variables. Essential shell programming: Shell scripts, read, using command line arguments, exit and exit status of command, the logical operators && and   - conditional execution, the if conditional, using test and to evaluate expressions, the case conditional, expr, \$0: calling a script by different names, while, for, set and shift, the here document trap, debugging shell scripts with set -x, sample validation and data entry scripts	<b>08 Hours</b>

**Statements of Course Outcomes (COs):**

**By the end of the course, the student will be able to**

<b>CO-1</b>	Describe the architecture and features of UNIX Operating System and distinguish it from other Operating Systems
<b>CO-2</b>	Describe features of UNIX Operating System and distinguish it from other Operating Systems.
<b>CO-3</b>	Demonstrate UNIX commands for file handling and process control
<b>CO-4</b>	Formulate regular expressions and use them for pattern matching
<b>CO-5</b>	Analyze a given problem and apply requisite facets of SHELL programming to devise a SHELL script to solve the problem



**Department of Computer Science**  
**ADVANCED JAVA PROGRAMMING**  
**Subject Code: BSC-6.1**  
**Syllabus**

UNIT	Content	Hours Allotted
I	<b>Review of Java Concepts and AWT, Graphics Programming</b> Review of Java Concepts .AWT and AWT Classes, Window fundamentals –Component, Container, Panel, Window, Frame, Canvas.Working with frame window. GraphicsProgramming: Graphics class, methods, drawing objects, line graphs, polygon classes,working with colours and fonts. Advanced graphics operations using Java2D.Designing,simple User Interfaces (UIs) using AWT, Layout Manages.	12 Hours
II	<b>Swings and event handling</b> Event Handling: Basics of Event Handling, the delegation event model, AWT event hierarchy and event classes, Event Listener Interfaces, Adapter Classes, Event queue. Swing: Meaning, need, difference between AWT and swing. The Model-View-Controller (MVC) designpatterns, Creating simple UIs using swing, and handling basic events.	10 Hours
III	<b>Java Beans, Java Archives (JAR)</b> Meaning and need of Java Beans, Advantages, Bean writing process, Bean properties. Java Archives (JARs): Meaning, need, the JAR utility, Creating JAR files.	08 Hours
IV	<b>File Management and JDBC</b> File, creating a file, writing to a file, opening a file, reading from a file, file management, checking existence of a file, deleting a file.JDBC: Meaning, need, concept and structure of JDBC, relation with ODBC, JDBC driver types and their meaning, the JDBC process – loading the driver, connecting to the DBMS, creating and executing SQL statement, Connection object, Statement object, Prepared Statement object, Callable Statement, Result Set, JDBC Exceptions.	10 Hours
V	<b>Basic concepts of Collections, Generics and Network programming</b> Collections: Meaning, need, Collection interfaces, Concrete Collections – Array List, Hash set, Map. Generics: Meaning, need, benefits, generics usage, basics of generic types, type parameter naming conventions, type wildcards, using type wildcards, generic methods, bound types, writing simple generic container, implementing the container, implementing constructors, implementing generic methods.	10 Hours

**Statements of Course Outcomes (COs):**

**By the end of the course, the student will be able to**

CO-1	Illustrate a full set of UI widgets and other components, including windows, menus, buttons, checkboxes, text fields, scrollbars and scrolling lists, using Abstract Windowing Toolkit
CO-2	Summarize event handling on AWT and learn how to design stand-alone desktop-oriented Graphical User Interface based Java applications using Swing/Java Foundation Components.
CO-3	Develop and deploy enterprise beans using the Java EE architecture
CO-4	Understand basic file operations, file management, and learn to access database through Java programs, using Java Data Base Connectivity
CO-5	Compare the types of interfaces in Collections Framework and understand the objective of generic programming and implement generic classes and methods.

**Department of Computer Science**  
**SOFTWARE ENGINEERING AND COMPUTER NETWORKS**  
**Subject Code: BSC-6.2**  
**Syllabus**

UNIT	Content	Hours Allotted
I	<b>Introduction to Software Engineering</b> IEEE definition of Software and Software Engineering, Software Problems, Software engineering challenges, Software quality attributes, phases in software development (Phased Development process), Definition of Software process, Components of software process, desired characteristics of software process, Software development process models- waterfall model, prototype model and spiral model	12 Hours
II	<b>Software design</b> Definition of SRS, need for SRS, Characteristics of SRS, Structure of SRS, design objectives, design principles, module level concepts – coupling and cohesion	10 Hours
III	<b>Coding and testing</b> Definition of Coding, Programming principles and guidelines, top down and bottom-up Approaches, definition of testing, testing fundamentals, levels of testing, Difference between black box testing and white box testing.	08 Hours
IV	<b>Introduction to Computer networks Network Hardware</b> Definition of computer network, Goals of computer network, Types of Networks based on transmission technology - Broadcast, point- to -point, Types of Networks based on size & scale - LAN, WAN, MAN, Protocol hierarchies (Network software), Network topologies – Bus, Mesh, Ring, tree and star	10 Hours
V	<b>Network Software, Reference models and Transmission Media</b> Reference models - OSI / ISO model, TCP / IP model, ARPANET, Transmission Media - twisted pair, coaxial cable, fiber optics cable, Internet and its applications, Wireless media - Bluetooth, Wi-Fi, internet and its applications	10 Hours

**Statements of Course Outcomes (COs):**

**By the end of the course, the student will be able to**

CO-1	Acquire basic knowledge and understanding of the software engineering challenges, analysis and design of complex systems
CO-2	Specify software requirements through a productive working relationship with various stakeholders of the project
CO-3	Develop the code from the design and effectively apply relevant standards and perform testing, and quality management and practice
CO-4	Conclude the usage of computer networks, network hardware and its types.
CO-5	Understand reference models, protocol & its types, Example networks-ARPANET, ATM.

**ಕನ್ನಡ ವಿಭಾಗ**

**ಪ್ರಥಮ ಸೆಮಿಸ್ಟರ್ ಬಿಸಿಎ / ಬಿ.ಎಸ್ಸಿ**

**Subject Code : BCA -**

**ಪಠ್ಯದ ಹೆಸರು :- ನುಡಿ ಸಂಭ್ರಮ - 01**

UNIT	Content	Hours Allotted
	<b>PART -A</b>	
1	<p><b>ಭಾಗ-1 ದೇಸಿ</b> ಪೂರ್ವ ಪಠ್ಯ : ದೇಸಿಯೊಳ್ ಪುಗುವುದು - ಪಂಪ 1) ಪಠ್ಯ : ಬಿದಿರಮ್ಮ ತಾಯಿ ಕೀಳೆ - ಜನಪದ ಗೀತೆ ಪೂರಕ ಪಠ್ಯ: 1) ನಡುವಣ ನಾಡೆ ನಾಡೆ ಕನ್ನಡದ ತಿರುಳ್ - ಕವಿರಾಜಮಾರ್ಗಕಾರ 2) ಬಸವಣ್ಣನ ವಚನಗಳು 2. ಪಠ್ಯ : ಕಬ್ಬಿಗರ ಕಾವಂ - ಆಂಡಯ್ಯ ಪೂರಕ ಪಠ್ಯ : 1) ವಿದ್ಯೆ- ಮಾತು - ಸರ್ವಜ್ಞ 2) ರೋಕ್ಕ ಎರಡಕ್ಕೂ ದುಃಖ ಕಾಣಕ್ಕ - ಪುರಂದರದಾಸರು 3) ಪಠ್ಯ : ನನ್ನ ಹಣಕೆ - ಜಿ. ಎಸ್ ಶಿವರುದ್ರಪ್ಪ ಪೂರಕ ಪಠ್ಯ : 1) ಬಡಗೂದ ಬೆಳಕು - ವಿ. ಕೃ ಗೋಕಾಕ್ 2) ಕವಚ - ಎಲ್. ಹನುಮಂತಯ್ಯ</p>	18 hrs
	<b>PART -B</b>	
2	<p><b>ಭಾಗ- 02 ಜಾಗತೀಕರಣ</b> ಪೂರ್ವ ಪಠ್ಯ : ಎಲ್ಲಾ ಮಾಯ - ಗೊಲ್ಲಪಳ್ಳಿ ಶಿವಪ್ರಸಾದ್ ಪಠ್ಯ :- 1) ಅಣು ಚಳಿಗಾಲ ಅಡಗಲು ಸ್ಥಳವೆಲ್ಲಿ? - ನಾಗೇಶ ಹೆಗಡೆ ಪೂರಕ ಪಠ್ಯ: 1) ಬೆಂಗಳೂರಿನ ಹಾಡು - ಡಾ. ಸಿದ್ದಲಿಂಗಯ್ಯ 2)ಖಾಲಿ ಸೈಟುಗಳು - ಕೆ. ಎಸ್. ನಿಸಾರ್ ಅಹಮದ್ 2) ಪಠ್ಯ : ಎ ದಿಲ್ ಮಾಂಗೇ ಮೋರ್ - ಅಮರೇಶ ನುಗಡೋಣಿ ಪೂರಕ ಪಠ್ಯ 1) ಇಗೋ ಬಂದೆ- ಹೆಚ್ ಎಸ್ ಶಿವಪ್ರಕಾಶ್ 2)ಬಡ್ತಿ - ಚಂದ್ರು ಆರ್. ಪಾಟೀಲ್ 3)ಪಠ್ಯ: ಬುದ್ಧ ಗಂಟೆಯ ಸದ್ದು - ಮಹಂತೇಶ್ ನವಲಕಲ್ ಪೂರಕ ಪಠ್ಯ 1) ಅಸಮಾನತೆಯ ಜಾಗತೀಕರಣ- ಪಿ. ಸಾಯಿನಾಥ್ 2) ಬಾಳು ಕೊಡವ್ವ - ಸರಸ್ವತಿ ಚಿಮ್ಮಲಗಿ</p>	18 hrs
	<b>PART- C</b>	
3	<b>ಭಾಗ - 3 ನಾಟಕ : ಜಲಗಾರ- ಕುವೆಂಪು</b>	14 hrs



## Statements of Course Outcomes (COs)

By the end of the course, the student will be able

<b>CO-1</b>	ಪಾಠ್ಯಾತ್ಮ ಮತ್ತು ಭಾರತೀಯ ಸಂಸ್ಕೃತಿಯ ಪರಿಕಲ್ಪನೆಗಳ ವಿರುದ್ಧ ಪ್ರಾದೇಶಿಕ ಸಂಸ್ಕೃತಿ ವಿಶಿಷ್ಟತೆಯನ್ನು ಸಮರ್ಥಿಸುವುದೇ ಹೊಸಗನ್ನಡದ ಸಂದರ್ಭದಲ್ಲಿ ದೇಶೀವಾದದ ಮುಖ್ಯ ಗುರಿಯಾಯಿತು. ದೇಶೀವಾದದ ಅರಿವು ಭಾಷೆಯ ಬಳಕೆಯನ್ನಲ್ಲದೆ, ಸಾಹಿತ್ಯದ ವಸ್ತು ನಿರೂಪಣೆ, ಬರಹಗಾರನ ಮೂಲ ಕಲ್ಪನೆ ಮತ್ತು ಒಟ್ಟು ಸಂದರ್ಭವನ್ನು ಒಳಗೊಳ್ಳುತ್ತದೆ. ಪ್ರಾದೇಶಿಕ ಸಂಸ್ಕೃತಿ, ಸಂಪ್ರದಾಯ, ಆಚರಣೆಗಳು ತನ್ನ ಸ್ವಂತಿಕೆಯನ್ನು ಗುರುತಿಸಿಕೊಳ್ಳಲು ಸಾಹಿತ್ಯದ ಮೂಲಕ ಸಾಧ್ಯವಾಗಿದ್ದು ದೇಶೀ ಪ್ರಜ್ಞೆಯನ್ನು ಅರಿಯುವುದು ಇದರ ಉದ್ದೇಶವಾಗಿದೆ.
<b>CO-2</b>	ಜಾಗತೀಕರಣ ಎನ್ನುವುದು ಒಂದು ಆರ್ಥಿಕ ವಲಯದ ಪ್ರಕ್ರಿಯೆಯಾಗಿದೆ. ಜಾಗತೀಕರಣದ ಪರ ವಿರೋಧದ ನೆಲೆಯನ್ನಿಟ್ಟುಕೊಂಡು ಆಧುನಿಕ ಕನ್ನಡ ಸಾಹಿತ್ಯದಲ್ಲಿ ತೀಕ್ಷ್ಣವಾದ ಪ್ರತಿಕ್ರಿಯೆಗಳು ಪ್ರಕಟವಾಗುತ್ತಿವೆ. ವಿದ್ಯಾರ್ಥಿಗಳು ಹಾಗೂ ಪ್ರತಿಯೊಬ್ಬ ನಾಗರಿಕರೂ ಸಹ ಜಾಗತೀಕರಣದ ವಿಷ ವೃತ್ತದಿಂದ ಬಿಡುಗಡೆ ಹೊಂದಬೇಕಾಗಿರುವುದು ಅಗತ್ಯ. ಖಾಸಗೀಕರಣ, ಉದಾರೀಕರಣ, ಜಾಗತೀಕರಣ ಮುಂತಾದವುಗಳಿಂದ ಆಗುವ ದುಷ್ಪರಿಣಾಮಗಳನ್ನು ಕುರಿತು ಇಲ್ಲಿ ಚರ್ಚಿಸಲಾಗಿದೆ.
<b>CO-3</b>	ಕನ್ನಡದ ಮಹಾಕವಿ ಕುವೆಂಪು ಅವರ ಜಲಗಾರ ನಾಟಕವು ಅವರ ಪ್ರತಿಭೆ, ಪಾಂಡಿತ್ಯದಿಂದ ಮೂಡಿದೆ. ನೇಗಿಲಯೋಗಿ ರೈತನ ಕರ್ಮವನ್ನು ಉದ್ಧಾರಕ್ಕೆ ಅನುವು ಮಾಡಿಕೊಟ್ಟ ಕರ್ಮಯೋಗಿಯ ಸಿದ್ಧಾಂತವನ್ನು ಪ್ರಚುರಪಡಿಸಿದೆ. ನಿಸರ್ಗದ ಬಯಲು ವೇದಿಕೆಯಲ್ಲಿ ಕಾಯಕವೇ ಕೈಲಾಸವೆಂಬ ತತ್ವ ಪ್ರತಿಮಾರೂಪವನ್ನು ಪಡೆದುಕೊಂಡಿದೆ. ಸಂಪ್ರದಾಯ ಜಡವಾದ ಸಮಾಜದಲ್ಲಿ ಕರ್ಮಯೋಗಿ ಜಲಗಾರನ ವ್ಯಕ್ತಿತ್ವ ಆದರ್ಶಪ್ರಾಯವಾಗಿದೆ. ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ವೈಚಾರಿಕತೆಯ ಪ್ರಜ್ಞೆಯನ್ನು ಮೂಡಿಸುವ ಸಲುವಾಗಿ ಈ ಪಠ್ಯವನ್ನು ಇರಿಸಲಾಗಿದೆ.

ಕನ್ನಡ ವಿಭಾಗ

ದ್ವಿತೀಯ ಸೆಮಿಸ್ಟರ್ ಬಿಸಿಎ / ಬಿ.ಎಸ್ಸಿ

**Subject Code : BCA –**

ಪತ್ನದ ಹೆಸರು :- ನುಡಿ ಸಂಭ್ರಮ - 2

UNIT	Content	Hours Allotted
	<b>PART -A</b>	
1	<p><b>ಚಿರಂತನ :-</b>            ಪೂರ್ವ ಪಥ : ಕವಿ ಕಾವ್ಯ ವಿಚಾರ - ಅಗ್ಗಳ ದೇವ            1. ಇಂತಪ್ಪವರುಮಳುವಂದದ್ದುತಂ - ನಾಗವರ್ಮ            2. ಸಾರಥಿಯಾಗು ನಡೆ - ಕುಮಾರವ್ಯಾಸ            3. ಅತಿಹಿತದಲ್ಲಿ ನೀವಿಹುದು - ಕನಕದಾಸ            4. ಮುಂದಕ್ಕೆ ಲೇಸುಂಟು ನಮಗೆ - ಹೆಳವನಕಟ್ಟಿ ಗಿರಿಯಮ್ಮ            5. ಆಯ್ದ ವಚನಕಾರ್ತಿಯರ ವಚನಗಳು            6. ಕಿತ್ತೂರು ಚೆನ್ನಮ್ಮ - ಜಾನಪದ            7. ದೇವರ ಹೇಣ - ಕುಂ. ವೀರಭದ್ರಪ್ಪ            8. ಮಾಧವೀಲತೆ ಮತ್ತು ಸಾರ್ಕಂಡಾ - ಬಿ.ಜಿ.ಎಲ್ ಸ್ವಾಮಿ</p>	18 hrs
	<b>PART- B</b>	
2	<p><b>ಚಿಂತನ:-</b>            ಪೂರ್ವ ಪಥ :- ಓ ಬನ್ನಿ ಸೋದರರೆ, ಬೇಗ ಬನ್ನಿ - ಕುವೆಂಪು            1. ಬಂಡಾಯ- ಗೋಪಾಲ ಕೃಷ್ಣ ಅಡಿಗ            2. ಪತಿತ ಪಾವನ - ಪು.ತಿ.ನ            3. ಅಂಬೇಡ್ಕರ್ - ಡಾ.ಸಿದ್ದಲಿಂಗಯ್ಯ            4. ನಾವು ಮತ್ತು ನಮ್ಮ ಪ್ರಕೃತಿ - ಎಚ್ ಆರ್ ಕೃಷ್ಣಮೂರ್ತಿ            5. ಸ್ವವೈದ್ಯ ಜೀವಕ್ಕೆ ಅಪಾಯ - ಡಾ. ಸಿ. ಆರ್ . ಚಂದ್ರಶೇಖರ್            6. ವಿಜ್ಞಾನ ಮತ್ತು ಸಮಾಜ- ಡಾ.ಎಚ್ ನರಸಿಂಹಯ್ಯ            7. ಸೋಲೆಂಬುದು ಅಲ್ಲ ವಿರಾಮ - ನೇಮಿಚಂದ್ರ            8. ತಾಯನವನ್ನು ಕಳೆದುಕೊಳ್ಳುತ್ತಿರುವ ಸಮಾಜ - ಮೊ. ಬರಗೂರು ರಾಮಚಂದ್ರಪ್ಪ</p>	18 hrs
	<b>PART- C</b>	
	<p><b>ಸಂವಹನ:-</b>            ಪೂರ್ವ ಪಥ:- ಹಿಟ್ಟು ಮಾಡಿ ಸೊಪ್ಪು ಮಾಡಿ - ಜಾನಪದ            1) ಪ್ರಾಚೀನ ಭಾರತದಲ್ಲಿ ಸಂವಹನ ವಿಧಾನಗಳು - ಡಾ. ಓ ಸಿ ಮೂರ್ತಿಮ</p>	14

<p><b>CO-1</b> <b>PART- A</b></p>	<p>ಸಾಹಿತ್ಯವು ಸದಾ ಚಿಂತನವಾದುದು. ಮನುಷ್ಯನ ಬದುಕಿಗೆ ಅರ್ಥವನ್ನು, ಸಂಸ್ಕಾರವನ್ನು, ಸೌಂದರ್ಯವನ್ನು ನೀಡುವಂತಹದ್ದು ಅಲ್ಲದೆ ಒಂದು ಸುಸಂಸ್ಕೃತ ಸಮಾಜವನ್ನು ಕಟ್ಟುವಲ್ಲಿ ಪ್ರಮುಖ ಪಾತ್ರ ವಹಿಸುತ್ತದೆ. ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಸಾಹಿತ್ಯದ ಅಭಿರುಚಿಯನ್ನು ಮೂಡಿಸುವ; ಬದುಕಿನ ಆಳಗಳಿಗೂ ಮೌಲ್ಯಗಳನ್ನು ರೂಢಿಸುವ, ಮನುಷ್ಯ ಸಂಬಂಧಗಳನ್ನು ಪ್ರೀತಿಸುವ ಜೀವನ ಪ್ರೀತಿಯ ಆಗಾಧತೆಯನ್ನು ಅರಿಯುವ ಹಾಗೂ ಸಾಮಾಜಿಕ ಅನಿಷ್ಟಗಳ ವಿರುದ್ಧ ಹೋರಾಡುವ ಶಕ್ತಿಯನ್ನು ನೀಡಲು ಸಹಾಯ ಮಾಡುತ್ತದೆ.</p>
<p><b>CO-2</b> <b>PART- B</b></p>	<p>.12 ನೇ ಶತಮಾನದ ಸಂದರ್ಭದಲ್ಲಿ ಕರ್ನಾಟಕದ ಶರಣರ ಚಿಂತನೆ ಮೌಲ್ಯಗಳನ್ನು ಪರಿಚಯಿಸುವುದು. ಅಲ್ಲದೆ ಆಧುನಿಕ ಭಾರತದಲ್ಲಿ ಮಹಾತ್ಮ ಗಾಂಧಿ, ಅಂಬೇಡ್ಕರ್, ಲೋಹಿಯಾ, ಜಯಪ್ರಕಾಶ್ ನಾರಾಯಣ್ ಮುಂತಾದವರು ಮಂಡಿಸಿದ ಚಿಂತನೆಗಳ ಪ್ರಭಾವವನ್ನು ಪರಿಚಯಿಸುವುದರ ಹಾಗೂ ಕನ್ನಡ ಸಾಹಿತ್ಯದಲ್ಲಿ ಮೂಡಿ ಬಂದ ಚಿಂತನ ಸಾಹಿತ್ಯವನ್ನು ಅರಿತು ವೈಚಾರಿಕ ಮನೋಭಾವವನ್ನು ರೂಢಿಸಿಕೊಳ್ಳುವುದು.</p>
<p><b>CO-3</b> <b>PART- C</b></p>	<p>ಹಲವು ನಾಗರಿಕತೆಗಳಿಗೆ ನೆಲೆಯಾದ ಭಾರತದಲ್ಲಿ ಸಮೂಹ ಸಂವಹನ ಅತಿ ಪ್ರಾಚೀನವಾದದ್ದು. ಸಂವಹನದ ಪ್ರಾಮುಖ್ಯತೆ, ಸಂವಹನ ಬೆಳೆದು ಬಂದ ರೀತಿ, ಸಂವಹನದ ವಿಧಗಳು, ಪರಿಣಾಮಕಾರಿ ಸಂವಹನ ಇತ್ಯಾದಿಗಳನ್ನು ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ತಿಳಿಸುವ ನೆಲೆಯಲ್ಲಿ ಈ ಅಧ್ಯಾಯಗಳನ್ನು ರೂಪಿಸಲಾಗಿದೆ.</p>



**ಕನ್ನಡ ವಿಭಾಗ**

**ತೃತೀಯ ಸೆಮಿಸ್ಟರ್ ಬಿಸಿಎ / ಬಿ.ಎಸ್ಸಿ**

**Subject Code : BCA -**

**ಪಠ್ಯದ ಹೆಸರು :- ನುಡಿ ಸಂಭ್ರಮ - 03**

UNIT	Content	Hours Allotted
	<b>PART -A</b>	
1	<p><b>ಭಾಗ-1 ಪ್ರೀತಿಯ ಬದುಕು</b> ಪೂರ್ವ ಪಠ್ಯ : ಶಾಸನ ಸಾಹಿತ್ಯ -ಶಾಸನ ಕವಿಗಳು</p> <ol style="list-style-type: none"> <li>1) ಪಠ್ಯ: ಕಾರಿ ಹೆಗ್ಗಡೆಯ ಮಗಳು- ಬಿ.ಎಂ ಶ್ರೀಕಂಠಯ್ಯ ಪೂರಕ ಪಠ್ಯ: ಈ ಸಾವುಗಳು ನ್ಯಾಯವೇ -ಡಾ. ರಹಮತ್ ತರೀಕೆರೆ</li> <li>2) ಪಠ್ಯ : ಅಮೃತಮತಿಯ ಅನುರಾಗ - ಜನ್ಮ ಪೂರಕ ಪಠ್ಯ : ಗೃಹಲಕ್ಷ್ಮಿ - ಕೆ. ಎಸ್. ನರಸಿಂಹಸ್ವಾಮಿ</li> <li>3) ಪಠ್ಯ : ಒಲವಿಂದೆ ಇಂತು ಎರ್ದೆಗೆಟ್ಟರಾರ್ - ಮೊದಲನೆಯ ನಾಗವರ್ಮ ಪೂರಕ ಪಠ್ಯ: ನಾನು ಬಡವಿ - ದ. ರಾ ಬೇಂದ್ರೆ</li> <li>4) ಪಠ್ಯ : ಪ್ರೀತಿಯ ಪೂರ್ಣತೆ- ಗೌರೀಶ್ ಕಾಯ್ಕಿಣಿ ಪೂರಕ ಪಠ್ಯ : ನಾನು ನನ್ನ ಗೆಳತಿ - ಪ್ರೊ. ಹಂಪಣ್ಣ</li> </ol>	18 hrs
	<b>PART -B</b>	
2	<p><b>ಭಾಗ- 02 ಆಧುನಿಕತೆ</b> ಪೂರ್ವ ಪಠ್ಯ : ಮುಂಬೈ ಜಾತಕ -ಡಾ. ಜಿ. ಎಸ್. ಶಿವರುದ್ರಪ್ಪ</p> <ol style="list-style-type: none"> <li>1) ಪಠ್ಯ :- ಭರಮ್ಯಾ ಹೋಗಿ ನಿಖಿಲನಾದದ್ದು - ಡಾ. ಶಾಂತಿನಾಥ ದೇಸಾಯಿ. ಪೂರಕ ಪಠ್ಯ: ಹೊಸ ಬಾಳು ನಮ್ಮದಿದೆ. - ಚನ್ನವೀರ ಕೇವಿ</li> <li>2) ಪಠ್ಯ : ಮರಂಕಿಯ ಪ್ರಸಂಗ - ಶ್ರೀ ಕೃಷ್ಣ ಅಲನಹಳ್ಳಿ ಪೂರಕ ಪಠ್ಯ : ತೊರೊಗಳೆಲ್ಲ ಬರಲಿ ಬಿಡು</li> <li>3) ಪಠ್ಯ : ಗ್ರಾಮೀಣ ಬದಲಾವಣೆ - ಎಚ್. ವಿ ನಾಗೇಶ್ ಪೂರಕ ಪಠ್ಯ : ಬೀಸೆಕಲ್ಲು ಸವಾರಿ - ಕುವೆಂಪು</li> <li>4) ಪಠ್ಯ: ಮಹಿಳಾ ಚಳುವಳಿಗಳು - ಡಾ. ಮಲ್ಲಿಕಾರ್ ಘಂಟಿ ಪೂರಕ ಪಠ್ಯ: ಮುಖವಾಡ - ಸುಜಾತ. ಎನ್</li> </ol>	18 hrs
	<b>PART- C</b>	
3	<p><b>ಭಾಗ - 3 ವಿಜ್ಞಾನ ಬರಹಗಳು</b></p> <ol style="list-style-type: none"> <li>1) ವೈಜ್ಞಾನಿಕ ಮನೋಭಾವ ಎಂದರೇನು- ಸೇತುರಾವ್ ಎಂ.ಎ</li> <li>2) ವಿಜ್ಞಾನ ಮತ್ತು ಸಾಮಾಜಿಕ ಮೌಲ್ಯಗಳು - ಜಿ. ಆರ್ ಲಕ್ಷ್ಮಣ್ ರಾವ್</li> <li>3) ಮೂಢ ನಂಬಿಕೆಗಳ ಬೀಡಿನಲ್ಲಿ- ಭುವನೇಶ್ವರಿ ಹೆಗಡೆ.</li> <li>4) ಬಾಂಬ್ ಬೇಕಲ್ಲ : ಅಣು ಸ್ತಾವರ ಸಾಕು - ಡಾ. ಎ ಎನ್ ನಾಗರಾಜ್</li> </ol>	14 hrs

5) ಅಲೆಮನೆ ಬೆಲ್ಲ- ಕಾರ್ಖಾನೆಯ ಸಕ್ಕರೆ - ಸಾಗೇಶ್ ಹೆಗಡೆ	
--	--

**Statements of Course Outcomes (COs)**

By the end of the course, the student will be able to

<b>CO-1</b>	ಪ್ರೀತಿಯ ಬದುಕು ಸಾರ್ಥಕವಾಗಬೇಕಾದರೆ ಮನದಲ್ಲಿ ಬೇರು ಬಿಟ್ಟಿರುವ ಕ್ರೌರ್ಯ, ದ್ವೇಶ, ಅಸೂಯೆಗಳ ಮೂಲ ಬೇರುಗಳ ಕಿತ್ತೆಸೆದು ಅಲ್ಲಿ ಪ್ರೀತಿಯ ಗುಲಾಬಿಗಳನ್ನು ಅರಳಿಸಿಕೊಂಡಾಗ ವ್ಯಕ್ತಿ ನಿಜವಾದ ಅರ್ಥದಲ್ಲಿ ದೊಡ್ಡವನಾಗುತ್ತಾನೆ. ವೈರ ದ್ವೇಷದಿಂದ ಸಾಧಿಸಲಾಗದ ಮಹಾತ್ಮಾಯುಗಳನ್ನು ಪ್ರೀತಿಯಿಂದ ಸಾಧಿಸಲು ಸಾಧ್ಯವಿದೆ. ಈ ಹಿನ್ನೆಲೆಯಲ್ಲಿ ಪ್ರೀತಿಯ ಬದುಕನ್ನು ಆದರಿಸಿ ಪ್ರಾಚೀನ ಕನ್ನಡದ ಶಾಸನವನ್ನು ಒಳಗೊಂಡಂತೆ ಹಳಗನ್ನಡ-ಹೊಸಗನ್ನಡದ ಪಠ್ಯಗಳನ್ನು ಇರಿಸಲಾಗಿದೆ
<b>CO-2</b>	ಕನ್ನಡ ಭಾಷೆ, ಸಾಹಿತ್ಯ, ಕಲೆ, ಸಂಸ್ಕೃತಿಗಳು ಆಧುನಿಕತೆಯ ಪ್ರಭಾವದಿಂದ ಮೂಲಗುಂಪಾಗದಂತೆ ನೋಡಿಕೊಳ್ಳುವ ಜವಾಬ್ದಾರಿಯನ್ನು ಸಾಹಿತಿಗಳು ಮಾಡಿದ್ದಾರೆ. ಆಧುನಿಕತೆಗೆ ಒಳಗಾದ ಮನುಷ್ಯ ಸಮಾಜದ ಸಂಕೀರ್ಣತೆಯನ್ನು ಅವರುಗಳು ಎದುರಿಸಿದ ಬದುಕಿನ ಸವಾಲುಗಳನ್ನು ಪ್ರಸ್ತುತ ಭಾಗದಲ್ಲಿ ಪರಿಚಯಿಸುವ ಪ್ರಯತ್ನವನ್ನು ಮಾಡಲಾಗಿದೆ.
<b>CO-3</b>	ವಿಜ್ಞಾನ ಮತ್ತು ಮೂಢನಂಬಿಕೆಗಳ ಭರ್ಷಣೆ ಇಂದು ನಿನ್ನೆಯಲ್ಲ. ಇದು ತಲೆತಲಾಂತರಗಳಿಂದ ನಡೆದು ಬಂದಿದೆ. ವೈಜ್ಞಾನಿಕ ಮನೋಧರ್ಮ ಮತ್ತು ಸಂಶೋಧನೆಗಳನ್ನು ಸಂಪ್ರದಾಯ ಸಮಾಜ ವಿರೋಧಿಸುತ್ತಲೇ ಬಂದಿದೆ. ಆದರೆ ಪ್ರಾಯೋಗಿಕ ವಿಜ್ಞಾನದ ಆವಿಷ್ಕಾರಗಳು ನಮ್ಮ ಮುಂದಿವೆ. ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ವೈಜ್ಞಾನಿಕ ಮನೋಭಾವವನ್ನು ಬೆಳೆಸುವುದು ಈ ಲೇಖನಗಳ ಉದ್ದೇಶವಾಗಿದೆ.

**ಕನ್ನಡ ವಿಭಾಗ**

**ಚತುರ್ಥ ಸೆಮಿಸ್ಟರ್ ಬಿಸಿಎ / ಬಿ.ಎಸ್ಸಿ**

**Subject Code : BCA -**

**ಪಠ್ಯದ ಹೆಸರು :- ನುಡಿ ಸಂಭ್ರಮ - 4**

UNIT	Content	Hours Allotted
	<b>PART -A</b>	
<b>1</b>	<p><b>ಭಾಗ-1 ವಿಜ್ಞಾನ : ರುಚಿ- ಅಭಿರುಚಿ</b></p> <ol style="list-style-type: none"> <li>1) ಜ್ಯೋತಿಷ ಆರ್ಥಪೂರ್ಣವೋ, ಅರ್ಥರಹಿತವೋ -ಡಾ. ಎಚ್. ನರಸಿಂಹಯ್ಯ</li> <li>2) ನೆನಪು- ಮರೆವು - ಡಾ. ಸಿ. ಆರ್ . ಚಂದ್ರಶೇಖರ್</li> <li>3) ಗಜಮುಖಿನ ಕ್ರೀರದಾಹ - ನಾಗೇಶ್ ಹೆಗಡೆ</li> <li>4) ಖಗೋಳ ಮತ್ತು ನಾವಿಕರು - ಡಾ. ಬಿ.ಎಸ್. ಶೈಲಜಾ</li> <li>5) ದೋಸೆ ಮತ್ತು ವಿಜ್ಞಾನ - ಪ್ರೊ. ಜೆ. ಆರ್ ಲಕ್ಷ್ಮೀನಾರಾಯಣ</li> </ol>	<b>14 hrs</b>
	<b>PART- B</b>	
<b>2</b>	<p><b>ಭಾಗ- 2 ನೆನಪು</b></p> <p>ಪೂರ್ವಪಠ್ಯ : ಎಲ್ಲ ಮರೆತಿರುವಾಗ - ಕೆ. ಎಸ್. ನಿಸಾರ್ ಅಹಮದ್</p> <ol style="list-style-type: none"> <li>1) ಪಠ್ಯ : ವೈಶಂಪಾಯನ ವೃತ್ತಾಂತ - ಒಂದನೇ ನಾಗವರ್ಮ ಪೂರಕ ಪಠ್ಯ : ಆವೃ - 2 - ಪಿ. ಲಂಕೇಶ್</li> <li>2) ಪಠ್ಯ : ಗೊಂಬೆ - ಚ. ಸರ್ವಮಂಗಳ ಪೂರಕ ಪಠ್ಯ : ಸ್ಕೂಟರ್ ರಿಪೇರಿ - ಕೆ. ಪಿ. ಪೂರ್ಣ ಚಂದ್ರ ತೇಜಸ್ವಿ</li> <li>3) ಪಠ್ಯ : ಶಕುಂತಲೆಯೊಂದಿಗೆ ಕಳೆದ ಅಪರಾಹ್ನ - ವೈದೇಹಿ ಪೂರಕ ಪಠ್ಯ : ನೆನಪಿದೆಯೆ ನಿನಗೆ - ಜಿ. ಎಸ್. ಶಿವರುದ್ರಪ್ಪ</li> <li>4) ಮರತೇನಂದರ ಮರೆಯಲಿ ಹೆಂಗಾ - ಡಾ. ಚಂದ್ರಶೇಖರ ಕಂಬಾರ ಪೂರಕ ಪಠ್ಯ : ಮೊಸರು ಅವಲಕ್ಕಿ - ಸುನಂದ ಬೆಳಗಾವಕರ</li> </ol>	<b>18 hrs</b>



<p><b>CO-1</b> <b>PART -A</b></p>	<p>ನಿತ್ಯ ಜೀವನದಲ್ಲಿ ನಮಗೆ ಹೆಚ್ಚೆ ಹೆಚ್ಚಿಗೂ ಇದಿರಾಗುವ ವಿಜ್ಞಾನದ ವಿಷಯಗಳನ್ನು ವೈಜ್ಞಾನಿಕ ತತ್ವಗಳನ್ನು ಪತ್ತೆ ಮಾಡಿ, ತಿಳಿದುಕೊಂಡು ವೈಜ್ಞಾನಿಕ ದೃಷ್ಟಿಯನ್ನು ಬೆಳೆಸಿಕೊಳ್ಳುವುದು ಅತ್ಯಗತ್ಯವಾಗಿದೆ. ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ವೈಜ್ಞಾನಿಕ ಮನೋಭಾವ ಮೂಡಿಸುವಲ್ಲಿ ಸಹಕಾರಿಯಾಗಬೇಕು ಎಂಬ ನಿಟ್ಟಿನಲ್ಲಿ ಈ ಲೇಖನಗಳನ್ನು ಇರಿಸಲಾಗಿದೆ.</p>
<p><b>CO-2</b> <b>PART- B</b></p>	<p>ವೃತ್ತಿ , ಸಮಾಜ, ಬದುಕೆಂಬ ಪರಿಕಲ್ಪನೆಗಳಿಗೆ ನೆನಪೆಂಬ ಪರಿಕಲ್ಪನೆ ಅವಿನಾಭಾವ ಸಂಬಂಧವನ್ನು ಪಡೆದುಕೊಂಡಿರುತ್ತದೆ. ವೃತ್ತಿ, ಸಮಾಜ, ಬದುಕಿಗೆ ಸುಖ ದುಃಖಗಳನ್ನು ನಿರಂತರವಾಗಿ ತಂದೊಡ್ಡುವುದೇ ಈ ನೆನಪುಗಳು. ನೆನಪುಗಳು ಬದುಕಿಗೆ ಮಧುರವನ್ನು, ದುಃಖವನ್ನು ದುರಂತವನ್ನು ತರುತ್ತವೆ. ಇವುಗಳಿಗೆ ಭವಿಷ್ಯತ್ತಿನ ಬದುಕಿನ ಗೋಡೆಗಳನ್ನು ಛಿದ್ರಿಸುವ ಶಕ್ತಿಯನ್ನು ಒಳಗೊಂಡಿವೆ. ಬಹುಕೇಶ ಕವಿಗಳಲ್ಲಿ ಈ ನೆನಪುಗಳು ಬದುಕಿನ ಹಿತದಡೆಗೆ ಬರಲೆಂಬ ಆಶಯವನ್ನು ವ್ಯಕ್ತಪಡಿಸಿದ್ದಾರೆ. ಈ ರೀತಿಯ ಆಶಯಗಳನ್ನು ವಿದ್ಯಾರ್ಥಿಗಳು ಕಂಡು ಸಕಾರಾತ್ಮಕವಾದ ಮನೋಭಾವವನ್ನು ಬೆಳೆಸಿಕೊಳ್ಳಬೇಕೆನ್ನುವುದು ಇದರ ಉದ್ದೇಶವಾಗಿದೆ.</p>



ಪಿಇಎಫ್ ಇನ್‌ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಉದ್ಯಾವೃದ್ಧಿ ಮ್ಯಾನೇಜ್‌ಮೆಂಟ್ ಸ್ಕೂಲಾಫ್

(Notes: English-based and non-English-based may overlap several times)

ಎನ್ ಪಿಒ 206, ಸಾಗರ ರಸ್ತೆ, ಶಿವಮೊಗ್ಗ - 577 204 (ಕರ್ನಾಟಕ)

**Phone : 8147053085**

**PES Institute of Advanced Management Studies**

[ Affiliated to Kuvempu University, Recognized by Govt. of Karnataka)

Website : [pestrust.edu.in/peziams](http://pestrust.edu.in/peziams)

N H-206, Sagar Road, Shivamogga - 577 204 (Karnataka)

<p><b>CO-3 PART- C</b></p>	<p>ಬಡತನ . ಶ್ರೀಮಂತಿಕೆ ಎನ್ನುವುದು ಸಮಾಜದಲ್ಲಿನ ಆರ್ಥಿಕ ಅಸಮಾನತೆಯನ್ನು ತೋರುವ ಸಾಮಾಜಿಕ ಸ್ತರಗಳು. ಅಭಿವೃದ್ಧಿ ಪ್ರಗತಿಯನ್ನು ನಾವೆಷ್ಟೇ ಬಿಂಬಿಸಿದರೂ ಬಡತನವನ್ನು ನಾವು ಸಂಪೂರ್ಣವಾಗಿ ನಿವಾರಣೆ ಮಾಡುವಲ್ಲಿ ಸೋತಿದ್ದೇವೆ. ಈ ಭಾಗದ ಪಠ್ಯಗಳು ಬಡತನ, ನೋವು, ಕಷ್ಟ, ಹಸಿವು, ಶ್ರೀಮಂತರ ದಬ್ಬಾಳಿಕೆ, ಶೋಷಣೆ, ಪ್ರತಿಭಟನೆ, ಬಡತನವನ್ನೂ ಸಮಚಿತ್ತದಿಂದ ಸಂತೋಷದಿಂದ ಸ್ವೀಕರಿಸುವ ನೆಲೆಯನ್ನು ಅಭಿವ್ಯಕ್ತಿಸುತ್ತದೆ. ಈ ಪಠ್ಯಗಳು ಬದುಕಿನ ಸಮಸ್ಯೆ, ಸವಾಲು, ಸಂಕಷ್ಟಗಳನ್ನು ಆತ್ಮಸ್ಥೈರ್ಯದಿಂದ ಎದುರಿಸಿ ಗೆಲ್ಲುವ ಮನಸ್ಥಿತಿಯನ್ನು ನಮ್ಮ ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಮೂಡಿಸುವುದು ಇಲ್ಲಿನ ಉದ್ದೇಶವಾಗಿದೆ.</p>
--------------------------------	--



**ಕನ್ನಡ ವಿಭಾಗ**

**ಪ್ರಥಮ ಸೆಮಿಸ್ಟರ್ ಬಿಕಾಂ / ಬಿ.ಬಿ.ಎ**

**Subject Code : -**

**ಪಠ್ಯದ ಹೆಸರು :- ನುಡಿ ವಿಹಾರ - 1**

UNIT	Content	Hours Allotted
	<b>PART -A</b>	
1	<p><b>ಭಾಗ-1 : ವಾಣಿಜ್ಯ ಕಥನ</b> ಪೂರ್ವ ಪಠ್ಯ : ಕುರುಡು ಕಾಂಚಾಣಾ - ದ, ರಾ ಬೇಂದ್ರೆ ಪಠ್ಯ -1 ಕನ್ನಡದಲ್ಲಿ ವಾಣಿಜ್ಯ ಶಿಕ್ಷಣ ಕಸ್ತೂರಿಯಾಗಲು ಸಾಧ್ಯವೇ ? - ಯುವರಾಜ್ ಕೆ ಪಠ್ಯ- 2.1 ಕನ್ನಡ ಮಕ್ಕಳಿಗೆ ಬೇಕಿರುವ ಕಂಪ್ಯೂಟರ್ ಶಿಕ್ಷಣ - ಇಸ್ಕಾಯಿಲ್ ಎನ್. ಎ, ಎಂ ಪಠ್ಯ -2.2 ಗ್ಲೋಬಲ್ ವಿಲೇಜ್ ವಿಲಕ್ಷಣ ಗಮಾರತನ - ಇಸ್ಕಾಯಿಲ್ ಎನ್.ಎ, ಎಂ ಪಠ್ಯ - 3 ಕರುಳ ಭಾಷೆಯೇ ಕೊರಳ ಭಾಷೆಯಾದಾಗ - ಪ್ರಕಾಶ್ ರೈ ಪೂರಕ ಪಠ್ಯ : ಜೀವ ನದಿ ನಿರಂತರ - ಸೂಪ್ ಕಥೆ</p>	18hrs
	<b>PART- B</b>	
2	<p><b>ಭಾಗ-2 : ಹಳೆಗನ್ನಡ ಕಥನ</b> 1) ನಿಗದಿತ ಪಠ್ಯ : ವಿದ್ಯಚೋರನೆಂಬ ರಿಸಿಯ ಕಥೆ - ಶಿವಕೋಟಾಚಾರ್ಯ 2) ಪಠ್ಯ : ದೇವಿಯ ಜಾತ್ರೆ - ಜನ್ನ ಪೂರಕ ಪಠ್ಯ :ಬೆನಜೀರ್ ಹತ್ಯೆಯಾದಾಗ -ತರೀಫಾ. ಕೆ <b>ಭಾಗ- 03 ಪರಿಸರ ಕಥನ</b> 1) ಪಠ್ಯ -01 ಲ್ಯಾಂಟೋರ್ನಿ ಮತ್ತು ನವಿಲ ಸೋಗೆ 2) ಪಠ್ಯ -02 ಮಾಮರವೂ ಮಾಪಿಳೆಯೂ - ಶ್ರೀಕೃಷ್ಣ ಆಲನಹಳ್ಳಿ 3) ಪೂರಕ ಪಠ್ಯ ; ಹೊಂಗೆ ಮರ - ಮೊಗ್ಗಲ್ಲಿ ಗಣೇಶ</p>	18 hrs
	<b>PART- C</b>	
3	<p><b>ಭಾಗ- 4 ಸಹ್ಯಾದ್ರಿ ಕಥನ - ಪ್ರವೇಶ</b> ಪಠ್ಯ-01 ಸಹ್ಯಾದ್ರಿಯ ಕುಲವಧು - ಸತ್ಯನಾರಾಯಣರಾವ್ ಆಣಾಡಿ <b>ಭಾಗ- 05 ಬುಡಕಟ್ಟು ಮತ್ತು ಜನಪದ ಕಥನ</b> ಪೂರ್ವ ಪಠ್ಯ ; ಬೋಡೋ ಗೀತೆ ಪಠ್ಯ- 1 ಒಂದು ಕಥೆ ಮತ್ತು ಒಂದು ಹಾಡು ಪಠ್ಯ - 2 ರಾಜಕುಮಾರ ಸೆಬರ್ ಪೂರಕ ಪಠ್ಯ - ಹಕ್ಕಿ ಮತ್ತು ಹಬ್ಬ</p>	14

ಭಾಗ-06 ಕತೆ ಕಥನ ಪಠ್ಯ- 01 ಪಂದ್ಯ - ಆಂಬಿನಿ ಜೆಕೋವ ಪಠ್ಯ -02 - ಟೆಕ್ ಟೆಕ್ ಗೆಳೆಯ - ಜಯಂತ ಕಾಯ್ಕಿಣಿ ಭಾಗ- 07 ಸಮತೆಯ ಕಥನ ಪಠ್ಯ - 01 ಅಂಬೇಡ್ಕರ್ ಸಂವಿಧಾನ ಮತ್ತು ಲಿಂಗರಾಜಕಾರಣ - ಡಾ.ವಿನಯ ಪಠ್ಯ- 02 ಕರಿಸಿದ್ದ - ಕುವೆಂಪು ಪೂರಕ ಪಠ್ಯ -1 ಜಂಗಮ ಫಕೀರನ ಜೋಳಿಗೆ - ಆರಿಫ್ ರಾಜ ಪೂರಕ ಪಠ್ಯ -2 ಅರಿವಿನ ಅವ್ವ - ಸಾವಿತ್ರಿ ಬಾಯಿ ಫುಲೆ	
---	--

#### Statements of Course Outcomes (COs)

By the end of the course, the student will be able to

<b>CO-1 PART- A</b>	ನಮ್ಮ ದಿನನಿತ್ಯದ ಜೀವನ ವಾಣಿಜ್ಯ- ವ್ಯವಹಾರವನ್ನು ಹೊರತುಪಡಿಸಿ ಅಪೂರ್ಣವೆನಿಸುತ್ತದೆ. ಕಾಲದಿಂದ ಕಾಲಕ್ಕೆ ವಾಣಿಜ್ಯ- ವ್ಯವಹಾರಗಳ ಸ್ವರೂಪಗಳು ಬದಲಾಗುತ್ತ, ಆಧುನಿಕ ಸಂದರ್ಭದಲ್ಲಿ ಅದರ ಸ್ವರೂಪ, ವಿಸ್ತಾರ ಅತ್ಯಂತ ಸಂಕೀರ್ಣಗೊಂಡಿದೆ. ಸಾಹಿತ್ಯ ಅಧ್ಯಯನದಿಂದ ಕಾಲಕ್ಕೆ ಆ ಕಾಲದ ಸಮಾಜದ ವಾಣಿಜ್ಯ ವ್ಯವಹಾರಗಳನ್ನು ವಿವರಿಸುತ್ತಲೋ, ವರ್ಣಿಸುತ್ತಲೋ, ಹೊಗಳುತ್ತಲೋ, ಟೀಕಿಸುತ್ತಲೋ ದಾಖಲಿಸುತ್ತಲೇ ಬಂದಿದೆ. ಅದನ್ನು ಅರಿಯುವ ಅವಕಾಶವನ್ನು ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಈ ಪಠ್ಯಗಳ ಮೂಲಕ ಸಾಧ್ಯವಾಗಿದೆ.
<b>CO-2 PART- B</b>	ಕಥೆಗಳಲ್ಲಿ ಕಲ್ಪನೆ ಮುಖ್ಯವಾದುದು. ಕಲ್ಪನೆ ಎಂಬುದು ಸತ್ಯಕ್ಕಿಂತ ಹೆಚ್ಚು ಸತ್ಯ ಕನಸು ಎಂಬುದು ವಾಸ್ತವಕ್ಕಿಂತ ಹೆಚ್ಚು ವಾಸ್ತವವಾಗಬಲ್ಲದು. ಪಂಚತಂತ್ರದ ಕಥೆಗಳು ನೈತಿಕ ಅರ್ಥಕ್ಕಾಗಿ ಹುಟ್ಟಿಕೊಂಡಿವೆ. ಯಾವುದೇ ಜನಾಂಗವಾಗಲೀ ಕಥೆಗಳಲ್ಲದೆ ಬದುಕಲಾರವು ಆ ಕಾಲದ ಸಂಸ್ಕೃತಿಕ ರಾಜಕೀಯ ತಿಳಿಯಬೇಕಿದ್ದರೆ ಕಥೆಗಳನ್ನು ಅಭ್ಯಸಿಸಬೇಕು. ಈ ನಿಟ್ಟಿನಲ್ಲಿ ಕಥೆಗಳನ್ನು ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಪರಿಚಯಿಸುವ ಉದ್ದೇಶದಿಂದ ಪಠ್ಯವನ್ನು ಇರಿಸಲಾಗಿದೆ.
<b>CO-3 PART- C</b>	ಇಂದಿನ ದಿನಗಳಲ್ಲಿ ಬಾವಿ ಕೆರೆಗಳು ಬಹುಶಃ ಇರುವ ನೀರು ತ್ಯಾಜ್ಯಗಳಿಂದಾಗಿ ಮಲಿನವಾಗುತ್ತಿವೆ. ಮಳೆ ಬಂದರೂ ಜೀವ ಜಲ ಬಹುಶಃ ಮಲಿನವಾಗಿರುತ್ತದೆ. ಮಲಿನವಾದ ಮಳೆನೀರಿನ ನಾಶವನ್ನೋ ತಡೆಯಲಾಗುತ್ತಿಲ್ಲ, ಕೃಷಿ ದುಸ್ತರವಾಗುತ್ತಿದೆ. ಆದ್ದರಿಂದ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಪ್ರಕೃತಿಯ ಕುರಿತು ಅರಿವನ್ನು ಮುಡಿಸುವುದು ಈ ಭಾಗದ ಉದ್ದೇಶವಾಗಿದೆ.

ಕನ್ನಡ ವಿಭಾಗ

ದ್ವಿತೀಯ ಸೆಮಿಸ್ಟರ್ ಬಿಕಾಂ / ಬಿ.ಬಿ.ಎ

Subject Code : -

ಪಠ್ಯದ ಹೆಸರು :- ನುಡಿ ವಿಹಾರ - 2

UNIT	Content	Hours Allotted
	<b>PART -A</b>	
1	<p><b>ಭಾಗ-1 : ವಾಣಿಜ್ಯ ವ್ಯವಹಾರ</b>  ಪೂರ್ವ ಪಠ್ಯ : ವೈಯಕ್ತಿಕ ಕಥೆ - ವಡ್ಡಾರಾಧನೆ - ಶಿವಕೋಟಾಚಾರ್ಯ  1) ಮೊಸರಿನ ಮಂಗಮ್ಮ- ಮಾಸ್ತಿ ವೆಂಕಟೇಶ ಅಯ್ಯಂಗಾರ್  2) ಹಾಲಿನವಳ ಲೆಕ್ಕ - ಆ. ರಾ. ಮಿತ್ರ  3) ಜಾನಪದ ಜಾಣ ಗಣಿತ - ಜೇನಹಳ್ಳಿ ಸಿದ್ದಲಿಂಗಪ್ಪ  4) ಸರ್ಕಾರಿ ಪತ್ರಗಳು</p>	18hrs
	<b>PART- B</b>	
2	<p><b>ಭಾಗ-2 : ಅಭಿಮಾನ</b>  ಪೂರ್ವ ಪಠ್ಯ : ಕಡತನಕ ಕಾಯೋ ಅಭಿಮಾನ - ಜನಪದ  3) ನಿಗದಿತ ಪಠ್ಯ : ಪವಿತ್ರಮಹಿಮೆಯ ಚರಿತೆ - ರನ್ನ  ಪೂರಕ ಪಠ್ಯ : ಪ್ರಾರ್ಥನೆ - ಕೆ.ಪರೀಷಾ  4) ನಿಗದಿತ ಪಠ್ಯ : ಕರ್ಣನ ಕೊಲ್ಲುವನಲ್ಲೆಂದ - ಕುಮಾರವ್ಯಾಸ  ಪೂರಕ ಪಠ್ಯ : ಕುದುರೆ - ಜಿ. ಪಿ. ಬಸವರಾಜು  5) ನಿಗದಿತ ಪಠ್ಯ : ಹಚ್ಚೀವು ಕನ್ನಡದ ದೀಪ - ಡಿ ಎಸ್ ಕರ್ಕಿ  ಪೂರಕ ಪಠ್ಯ : ಡಾ. ರಾಜ್ ಕುಮಾರ್ ಎಂಬ ಬೆವರಿನ ಮನುಷ್ಯ - ಪ್ರೊ .  ಬರಗೂರು ರಾಮಚಂದ್ರಪ್ಪ  6) ನಿಗದಿತ ಪಠ್ಯ : ಒಂದು ಹುಡುಗನಿಗೆ ಬಿದ್ದ ಕನಸು - ಡಾ. ಬೆಸಗರಹಳ್ಳಿ ರಾಮಣ್ಣ  ಪೂರಕ ಪಠ್ಯ : ಸ್ಟೇನ್ ಲೇಸ್ ಸ್ಟೀಲ್ ಪಾತ್ರಗಳು- ವಸುಧೇಂದ್ರ</p>	18 hrs
	<b>PART- C</b>	
3	<p><b>ಭಾಗ- 3 ನಾಟಕ</b>  ಟೊಳ್ಳು ಗಟ್ಟಿ : ಟಿ. ಪಿ. ಕೈಲಾಸಂ</p>	14



### Statements of Course Outcomes (COs)

By the end of the course, the student will be able to

<p><b>CO-1</b> <b>PART -A</b></p>	<p>ನಮ್ಮ ದಿನನಿತ್ಯದ ಜೀವನ ವಾಣಿಜ್ಯ- ವ್ಯವಹಾರವನ್ನು ಹೊರತುಪಡಿಸಿ ಅರ್ಪಣಾ ವೆನಿಸುತ್ತದೆ. ಕಾಲದಿಂದ ಕಾಲಕ್ಕೆ ವಾಣಿಜ್ಯ- ವ್ಯವಹಾರಗಳ ಸ್ವರೂಪಗಳು ಬದಲಾಗುತ್ತ, ಆಧುನಿಕ ಸಂದರ್ಭದಲ್ಲಿ ಅದರ ಸ್ವರೂಪ, ವಿಸ್ತಾರ ಅತ್ಯಂತ ಸಂಕೀರ್ಣಗೊಂಡಿದೆ. ಸಾಹಿತ್ಯ ಅಧ್ಯಯನದಲ್ಲೂ ಕಾಲಕ್ಕೆ ಆ ಕಾಲದ ಸಮಾಜದ ವಾಣಿಜ್ಯ ವ್ಯವಹಾರಗಳನ್ನು ವಿವರಿಸುತ್ತಲೋ, ವರ್ಣಿಸುತ್ತಲೋ, ಹೊಗಳುತ್ತಲೋ, ಟೀಕಿಸುತ್ತಲೋ ದಾಖಲಿಸುತ್ತಲೇ ಬಂದಿದೆ. ಅದನ್ನು ಅರಿಯುವ ಅವಕಾಶವನ್ನು ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಈ ಪಠ್ಯಗಳ ಮೂಲಕ ಸಾಧ್ಯವಾಗಿದೆ.</p>
<p><b>CO-2</b> <b>PART- B</b></p>	<p>ಅಭಿಮಾನ ಎಂಬುದು ಮನುಷ್ಯನ ವ್ಯಕ್ತಿತ್ವದ, ಬದುಕಿನ ಘನತೆಯನ್ನು ಎತ್ತಿ ಹಿಡಿಯುವ ಒಂದು ಮೌಲ್ಯ. ಮನುಷ್ಯ ಆತ್ಮಗೌರವದಿಂದ ತಲೆ ಎತ್ತಿ ನಡೆಯಲು ಇರುವ ಕಿರೀಟ. ಮನುಷ್ಯರ ಹೃದಯದಲ್ಲಿ ಅರಳುವ ಗೌರವಪೂರ್ಣವಾದ ಪ್ರೀತಿಭರಿತವಾದ ಒಂದು ಭಾವನೆ. ನಮ್ಮ ವಿದ್ಯಾರ್ಥಿಗಳು ಇಂದು ಆನ್ಯಾಯ, ಅಕ್ರಮ, ಹಿಂಸೆ, ಕ್ರೌರ್ಯ, ಜಾತೀಯತೆ, ಅನ್ಯಾಯತೆ, ಮೌಢ್ಯ, ಭ್ರಷ್ಟತೆಯ ವಾತಾವರಣದ ಕೂಸುಗಳಾಗಿ ಬದುಕಿನ ನೈಜ ಸಂತೋಷದ ಅರಿವು - ಸಂವೇದನೆಗಳನ್ನು ಕಳೆದುಕೊಂಡಿದ್ದಾರೆ. ಮುಕ್ತ, ಮುಗ್ಧ ಮನಸ್ಸಿನಿಂದ ಎಲ್ಲರನ್ನು ಎಲ್ಲವನ್ನೂ ಪ್ರೀತಿಸುವುದನ್ನು ಆ ಮೂಲಕ ಸುಂದರ ಸಮಾಜ ನಿರ್ಮಾಣದ ಶಕ್ತಿಗಳಾಗಿ ವಿದ್ಯಾರ್ಥಿಗಳು ರೂಪುಗೊಳ್ಳಬೇಕು ಎಂಬ ಆಶಯದೊಂದಿಗೆ ಈ ಭಾಗವನ್ನು ಇರಿಸಲಾಗಿದೆ.</p>
<p><b>CO-3</b> <b>PART- C</b></p>	<p>ಕರ್ನಾಟಕ ಪ್ರಹಸನ ಪಿತಾಮಹ ಎಂದು ಪ್ರಸಿದ್ಧರಾಗಿದ್ದ ಟಿ. ಪಿ. ಕೈಲಾಸಂ ಅವರ ಮೊದಲನೆಯ ನಾಟಕವಿದು. ಈ ನಾಟಕ ಇಂದಿನ ವಿದ್ಯಾರ್ಥಿಗಳ ಕ್ರಮದಲ್ಲಿನ 'ಟೊಳ್ಳು' ಹಾಗೂ 'ಗಟ್ಟಿತನ' ಗಳನ್ನು ವಿಡಂಬನಾತ್ಮಕವಾಗಿ ಚಿತ್ರಿಸುವ ವಿಶಿಷ್ಟ ನಾಟಕ. ಇಂದಿನ ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಶೂನ್ಯವಾಗಿರುವ ನೈತಿಕತೆಯ ಅಗತ್ಯವನ್ನು ನಾಟಕಕಾರರು ಎತ್ತಿ ಹಿಡಿಯುತ್ತಾರೆ. ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಮೌಲ್ಯಗಳನ್ನು ಪರಿಚಯಿಸಬೇಕೆಂಬುದು ಇದರ ಉದ್ದೇಶವಾಗಿದೆ.</p>

**ಕನ್ನಡ ವಿಭಾಗ**

**ತೃತೀಯ ಸೆಮಿಸ್ಟರ್ ಬಿಕಾಂ / ಬಿ.ಬಿ.ಎ**

**Subject Code : -**

**ಪಠ್ಯದ ಹೆಸರು :- ನುಡಿ ವಿಹಾರ - 3**

UNIT	Content	Hours Allotted
	<b>PART -A</b>	
1	<b>ಭಾಗ-1 : ಸಂವಹನ ಮತ್ತು ವಾಣಿಜ್ಯ ಕನ್ನಡ</b> 1) ಸಂವಹನ ಕೌಶಲಗಳು ಮತ್ತು ಸಂವಹನ ಕನ್ನಡ 2) ಮಾಧ್ಯಮಗಳಲ್ಲಿ ಮುಕ್ತ ಜ್ಞಾನದ ಸಾಧ್ಯತೆಗಳು - ಬೇಕೂರು ಸುದರ್ಶನ 3) ವಾಣಿಜ್ಯ ಪತ್ರಗಳು	14hrs
	<b>PART- B</b>	
2	<b>ಭಾಗ-2 : ಮನೆ</b> ಪೂರ್ವ ಪಠ್ಯ : ಜನಪದ ಗೀತೆ 1) ನಿಗದಿತ ಪಠ್ಯ : ಜಗವೆಲ್ಲ ಶಿವನ ಮನೆ - ನರಹರಿ ಗುರು ದೀನಗಿಂತ ದೇವ ಬಡವ - ದಿನಕರ ದೇಸಾಯಿ ಹೊರಗೆ ನಿಂತಿದ್ದಾನೆ ಕನಕ - ಸರಜೂ ಕಾಟ್ಟಿರ್ ಪೂರಕ ಪಠ್ಯ : ಮನೆ - ಚಂದ್ರಮತಿ ಸೋಂದಾ 2) ನಿಗದಿತ ಪಠ್ಯ : ಮನೆಯೆಂಬ ಆಸರೆಯ ಹುಡುಕಾಟ - ಟಿ.ಕೆ. ದಯಾನಂದ ಪೂರಕ ಪಠ್ಯ : ಬರಿ ಗುಡಿಸಲು - ಸತೀಶ್ ಚಂದರ್ 3) ನಿಗದಿತ ಪಠ್ಯ : ನೀಲಿ ಮೂಗಿನ ನತ್ತು - ಹೆಚ್ ಆರ್ ಸುಜಾತ ಪೂರಕ ಪಠ್ಯ : ಗವಾಕ್ಷಿ - ವಿಜಯಾ ದಬ್ಬೆ 4) ನಿಗದಿತ ಪಠ್ಯ : ಗೀಜುಗನ ಗೂಡು - ಕೆ. ಪಿ. ಪೂರ್ಣಚಂದ್ರ ತೇಜಸ್ವಿ ಪೂರಕ ಪಠ್ಯ : ಗೂಡು - ಕು. ಸ. ಮಧುಸೂಧನ	18 hrs
	<b>PART- C</b>	
3	<b>ಭಾಗ - 03 ಬಹುತ್ವ</b> ಪೂರ್ವ ಪಠ್ಯ : ಓದುಗರಿಗೆ - ಕುವೆಂಪು 1) ನಿಗದಿತ ಪಠ್ಯ : ತ್ರಿಪದಿಗಳು - ಸರ್ವಜ್ಞ ಮತ್ತು ಜನಪದ ಪೂರಕ ಪಠ್ಯ : ಒಡೆದ ಕನ್ನಡಿ - ಜಿ. ಎಸ್. ಶಿವರುದ್ರಪ್ಪ 2) ನಿಗದಿತ ಪಠ್ಯ : ಕನ್ನಡ ಸಾಹಿತ್ಯ ಮತ್ತು ಮನುಷ್ಯನ ಹುಡುಕಾಟ - ಬರಗೂರು ರಾಮಚಂದ್ರಪ್ಪ ಪೂರಕ ಪಠ್ಯ : ಈಶ್ವರ ಅಲ್ಲಾ ಮೇರೇ ಲಾಲ್ - ಸವಿತಾ ನಾಗಭೂಷಣ	18



**Phone : 8147053085**

ಪಿಇಎಸ್ ಇನ್‌ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಉದ್ಯಾವೃತ್ ಮ್ಯಾನೇಜ್‌ಮೆಂಟ್ ಸ್ಟಡೀಸ್

(ಸೂಚನೆ: ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಪದಾಧಿಕಾರಿಗಳಿಗೆ ಮಾತ್ರ ಮಾಹಿತಿ ನೀಡಲು ಮಾನ್ಯತೆ ಪಡೆಯಿತು)

ಎಸ್ ಹೆಚ್ 206, ಪಾನರ ರಸ್ತೆ, ಶಿವಮೊಗ್ಗ - 577 204 (ಕರ್ನಾಟಕ)

**PES Institute of Advanced Management Studies**

[ Affiliated to Kuvempu University, Recognized by Govt. of Karnataka)

Website : [pestrust.edu.in/posiama](http://pestrust.edu.in/posiama)

N H-206, Sagar Road, Shivamogga - 577 204 (Karnataka)

3)ನಿಗದಿತ ಪಠ್ಯ : ಜಾತಿಗಳು ನೀವೇಕೆ ಶೀಳಾದಿರೋ - ಸಂಗ್ರಹ ಪೂರಕ ಪಠ್ಯ ಮುಸ್ಲಿಂ ಮದುವೆಯೊಂದರಲ್ಲಿ - ಸಾಗತಿಪಳ್ಳಿ ಚಂದ್ರಶೇಖರ	
4)ನಿಗದಿತ ಪಠ್ಯ : ಜನ ಸಾಮಾನ್ಯರ ನಡುವೆ ಶಿವ - ಕೃಷ್ಣಮೂರ್ತಿ ಹನೂರು ಪೂರಕ ಪಠ್ಯ : ಸಾಮಾಜಿಕ ನ್ಯಾಯದ ಪರುಷ ಕಟ್ಟಿ - ರಂಜಾನ್ ದರ್ಗಾ	

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able to**

<p><b>CO-1 PART -A</b></p>	<p>ಭಾಷೆ ಕೇವಲ ವ್ಯವಹಾರ ಮಾಧ್ಯಮ ಮಾತ್ರವಲ್ಲ, ಸಂಪರ್ಕ ಸಾಧನ ಅಷ್ಟೇ ಅಲ್ಲ. ಅದು ವಾಣಿಜ್ಯ ವ್ಯಾಪಾರದ ಮುಖ್ಯ ಆಗರವೂ ಆಗಿದೆ. ಇಂಗ್ಲಿಷ್ ಹೆಚ್ಚುವರಿ ಜ್ಞಾನದ ಅಂತರಾಷ್ಟ್ರೀಯ ವ್ಯವಹಾರದ ಮಾಧ್ಯಮವಾದರೆ ಕನ್ನಡ ಭಾಷೆ ದೇಶೀಯ ಪ್ರತಿಭೆಗಳನ್ನು ಹೊರ ಹಾಕುವ ಅನ್ನದ ಭಾಷೆಯಾಗಿದೆ. ಕನ್ನಡದ ಮೂಲಕವೇ ಬದುಕನ್ನು ರೂಪಿಸಿಕೊಳ್ಳುವ ಹೆಚ್ಚು ಹೆಚ್ಚು ಜ್ಞಾನವನ್ನು ಸಂಪಾದನೆ ಮಾಡಿಕೊಳ್ಳುವ ಅವಕಾಶವಿದೆ. ಅಲ್ಲದೆ ಲೇಖಕರು ಯುವ ಜನತೆ ಶಂತ್ರಜ್ಞಾನದಲ್ಲಿ ಸಿಗಬಹುದಾದ ಮುಕ್ತಜ್ಞಾನದ ಹಲವು ಮಾದರಿಗಳನ್ನು ಅದರ ಸಾಧ್ಯಾಸಾಧ್ಯತೆಗಳನ್ನು ಸವಿಸ್ತಾರವಾಗಿ ತಿಳಿಸಲಾಗಿದೆ.</p>
<p><b>CO-2 PART- B</b></p>	<p>ಮನೆಯನ್ನು ಕುರಿತಂತೆ ಆಧ್ಯಾತ್ಮಿಕ ಹಾಗೂ ತಾತ್ವಿಕ ಚಿಂತಕರ ಆಲೋಚನೆ ವ್ಯಾಪಕ ಹಾಗೂ ವಿಸ್ತಾರವಾದದ್ದು. ಇಡೀ ಜಗತ್ತನ್ನೇ ಮನೆ ಎಂದು ಭಾವಿಸಿ ಸೃಷ್ಟಿಕರ್ತನೇ ಇದಕ್ಕೆಲ್ಲಾ ಒಡೆಯ ನಾವೆಲ್ಲಾ ನೆವ ಮಾತ್ರ ಎನ್ನುವ ಚಿಂತನಾ ಮಾದರಿ ಒಂದು ಬಗೆಯದು. ಇಂದು ಮನೆ ಕೇವಲ ಆವಾಸ ಸ್ಥಾನ ಮಾತ್ರವಾಗಿರದೆ ತಮ್ಮ ಸಾಮಾಜಿಕ ಸ್ಥಾನಮಾನ ಶ್ರೀಮಂತಿಕೆ, ಅಧಿಕಾರ ಅಹಂಕಾರ ಪ್ರದರ್ಶನದ ಮಾಧ್ಯಮವೂ ಆಗಿದೆ. ಅಲ್ಲದೆ ಮನೆಯ ಮೂಲಕವೇ ತನ್ನ ಅಸ್ತಿತ್ವವನ್ನು ಕಂಡುಕೊಳ್ಳುವ ಹೆಣ್ಣಿನ ಸಂಬಂಧಗಳು ಈ ಭಾಗದಲ್ಲಿ ಚಿತ್ರಿತವಾಗಿವೆ.</p>
<p><b>CO-3 PART- C</b></p>	<p>ಬಹುತ್ವದ ಮೂಲ ತಾಯಿ ಬೇರು ಮನುಷ್ಯತ್ವ ಮಣ್ಣಿನಲ್ಲಿ ವೈವಿಧ್ಯತೆ ಇರುವಂತೆ ಮನುಷ್ಯನ ಬದುಕು ವೈವಿಧ್ಯತೆ ಇರುತ್ತದೆ. ಬಹುತ್ವದ ಕನ್ನಡ ಆಯಾ ಪ್ರದೇಶಕ್ಕೆ, ಪ್ರಾಂತ್ಯಕ್ಕೆ ಭಿನ್ನ ಭಿನ್ನವಾಗಿದೆ. ಹೀಗೆ ಕನ್ನಡ ಭಾಷೆ ಭಿನ್ನ ಭಿನ್ನ ಪ್ರದೇಶದ ಒಂದು ಕನ್ನಡವಾಗಿ ಬಹುತ್ವದ ಒಳನೋಟಗಳಲ್ಲಿ ಅನಾವರಣಗೊಂಡಿದೆ. ಇಡೀ ಕನ್ನಡ ಸಾಹಿತ್ಯವನ್ನು ಅವಲೋಕಿಸಿದರೆ ಬಹುತ್ವವನ್ನು ತನ್ನೊಡಲೊಳಗೆ ಇಟ್ಟುಕೊಂಡ ಸಾಗಿ ಬಂದಿದೆ. ಪಂಪ ನಿಂದ ಹಿಡಿದು ಆಧುನಿಕ ಕನ್ನಡ ಸಾಹಿತ್ಯದವರೆಗೆ ಸಾಗಿ ಬಂದ ಬಹುತ್ವವನ್ನು ಪರಿಚಯಿಸುವ ಉದ್ದೇಶ ಇಲ್ಲಿನದು.</p>



**ಕನ್ನಡ ವಿಭಾಗ**

**ಚತುರ್ಥ ಸೆಮಿಸ್ಟರ್ ಬಿಕಾಂ / ಬಿ.ಬಿ.ಎ**

**Subject Code : -**

**ಪಠ್ಯದ ಹೆಸರು :- ನುಡಿ ವಿಹಾರ - 4**

UNIT	Content	Hours Allotted
	<b>PART -A</b>	
<b>1</b>	<p><b>ಭಾಗ-1 : ವ್ಯವಹಾರ ಕಥನ</b></p> <ol style="list-style-type: none"> <li>1) ನಿಜ ಅರ್ಥಶಾಸ್ತ್ರ - ಮಹಾತ್ಮ ಗಾಂಧಿ</li> <li>2) ಕನ್ನಡದ ಆತಂಕಗಳು- ಪ್ರೊ. ಕೆ. ರಂ. ನಾಗರಾಜ</li> <li>3) ಓದುವ ಹಾಗೆಯೇ ಬರೆಯುವುದು - ಡಿ. ಎನ್. ಶಂಕರ ಭಟ್</li> <li>4) ಸೈಬರ್ ವಿಶ್ವದಲ್ಲಿ ಕನ್ನಡದ ಸ್ಥಾನ, ಸಾಧ್ಯತೆ ಇತ್ಯಾದಿ. - ಡಾ. ಸಿ.ಪಿ ರವಿಕುಮಾರ್</li> <li>5) ವರ್ಜರ್ - ಸಾಮರ್ ಸೆಟ್ ಮಾಮ್</li> </ol>	<b>14hrs</b>
	<b>PART- B</b>	
<b>2</b>	<p><b>ಭಾಗ-2 : ಹಸಿರು ಓದು</b></p> <p>ಪೂರ್ವ ಪಠ್ಯ : ಭೂಮಿ ತಾಯಿ ಎದ್ದೊಂದು ಗಳಿಗೆ ನೆನೆದೇನು - ಜನಪದ</p> <ol style="list-style-type: none"> <li>1) ನಿಗದಿತ ಪಠ್ಯ : ಪುಷ್ಕೋದ್ಯಾನ - ಪಂಪ</li> <li>2) ನಿಗದಿತ ಪಠ್ಯ : ಇಂತಹ ಸುಂದರ ಪ್ರಾತಃ ಕಾಲದಿ - ಕುವೆಂಪು</li> <li>3) ನಿಗದಿತ ಪಠ್ಯ : 'ಬಾರೋ ಸಾಧನ ಕೇರಿಗೆ - ದ. ರಾ ಬೇಂದ್ರೆ</li> </ol> <p>ಪೂರಕ ಪಠ್ಯ : ಋತು ಸಂಹಾರ- ಬಂಜಗೇರೆ ಜಯಪ್ರಕಾಶ್</p> <p>ಪೂರ್ವ ಪಠ್ಯ : ಅಲ್ಲಮನ ವಚನಗಳು - ಅಲ್ಲಮ</p> <ol style="list-style-type: none"> <li>1) ನಿಗದಿತ ಪಠ್ಯ : ಭೂಮಿಗೀತ - ಕೆ. ಎಸ್ ನರಸಿಂಹ ಸ್ವಾಮಿ</li> <li>2) ನಿಗದಿತ ಪಠ್ಯ :- ಅನನ್ಯ ಭೂಮಿ - ಸ. ಉಷಾ</li> </ol> <p>ಪೂರಕ ಪಠ್ಯ : ಅಳುವ ಬುದ್ಧ- ಮೂಡ್ನಾಕೂಡು ಚಿನ್ನಸ್ವಾಮಿ</p> <p>ವಿನಾಶ- ಆತಂಕ</p> <p>ಪೂರ್ವಪಠ್ಯ: ಆ ಹಕ್ಕಿ ಬೇಕಾದರೆ- ಎ.ಕೆ ರಾಮಾನುಜನ್</p> <ol style="list-style-type: none"> <li>1) ನಿಗದಿತ ಪಠ್ಯ: ಹೊಸ ಹಾದಿ- ಎಂ. ಗೋಪಾಲಕೃಷ್ಣ ಅಡಿಗ</li> <li>2) ಕೊಡಗಿನ ಹನಿಗಳು - ಸವಿತಾ ನಾಗಭೂಷಣ</li> </ol> <p>ಪೂರಕ ಪಠ್ಯ : ಸಾಲು ಮರದ ತಿಮ್ಮಕ್ಕ</p> <p>ಪೂರ್ವ ಪಠ್ಯ: ಸ್ವಂದನ- ಜಿ. ಎಸ್ ಶಿವರುದ್ರಪ್ಪ</p> <ol style="list-style-type: none"> <li>1) ಮಗು ಸತ್ತಿದೆ ದೇಶ ಸೂತಕದಲ್ಲಿದೆ - ವೈದೇಹಿ</li> <li>2) ಕಬಳಿಸುವ ಕ್ರಾಂತಿ ಕಾಡು - ಶಿಲೋಕ್ ಮುಕ್ಕಾಟ</li> </ol> <p>ಪೂರಕ ಪಠ್ಯ: ಅಮರ ಆ ಮರ - ನರೇಂದ್ರ ರೈ ದೇರ್ಲ</p>	<b>18 hrs</b>

PART- C		
3	<p><b>ಭಾಗ-3 : ಸಂಬಂಧ</b></p> <p>ಪ್ರವೇಶ - ಸಂಬಂಧ ಅನ್ನೋದು ದೊಡ್ಡದು ಕನಾ</p> <ol style="list-style-type: none"> <li>1) ಸೊಸೆಯ ಮಾತಂ ಕೇಳದತ್ತೆಯ ಕಥೆ - ದುರ್ಗಸಿಂಹ</li> <li>2) ಕಲ್ಲು ಕರಗುವ ಸಮಯ - ಪಿ. ಲಂಕೇಶ</li> <li>3) ಜೀತ - ಬೆಸಗರಹಳ್ಳಿ ರಾಮಣ್ಣ</li> <li>4) ಧರ್ಮ ಬಲೆ ಬೀಸಿದಾಗ - ಸಾರಾ ಅಬುಬಕ್ಕರ್</li> <li>5) ಅಪ್ಪನ ಕೋಟು - ಕಿಡದಂಬೆ ವಿಷ್ಣುಮೂರ್ತಿ</li> <li>6) ಮುಕ್ತಾಬಳವನ ಹಕ್ಕಿ ಕಥೆ - ರೇಣುಕಮ್ಮ</li> <li>7) ಕ್ರಿಮಿನಲ್ ಟ್ರೈಬ್ ಎಂಬ ಹಣೆ ಪಟ್ಟಿ - ಲಕ್ಷ್ಮಣ್ ಗಾಯಕವಾಡ</li> <li>8) ಪರಿವರ್ತನಾ ಹಾದಿ ಹಿಡಿದು - ಇಂದಿರಾ ಕೃಷ್ಣಪ್ಪ</li> <li>9) ರಿಯಲ್ ಕ್ಲಾಸ್ ಟೀಚರ್ಗಳು- ಕಲೀಂ ಉಲ್ಲಾ</li> </ol>	18

### Statements of Course Outcomes (COs)

By the end of the course, the student will be able to

CO-1 PART -A	ನಮ್ಮ ದಿನನಿತ್ಯದ ಜೀವನ ವಾಣಿಜ್ಯ- ವ್ಯವಹಾರವನ್ನು ಹೊರತುಪಡಿಸಿ ಅಪೂರ್ಣವೆನಿಸುತ್ತದೆ. ಕಾಲದಿಂದ ಕಾಲಕ್ಕೆ ವಾಣಿಜ್ಯ- ವ್ಯವಹಾರಗಳ ಸ್ವರೂಪಗಳು ಬದಲಾಗುತ್ತ, ಆಧುನಿಕ ಸಂದರ್ಭದಲ್ಲಿ ಅದರ ಸ್ವರೂಪ, ವಿಸ್ತಾರ ಅತ್ಯಂತ ಸಂಕೀರ್ಣಗೊಂಡಿದೆ. ಸಾಹಿತ್ಯ ಆದಿಯಿಂದಲೂ ಕಾಲಕ್ಕೆ ಆ ಕಾಲದ ಸಮಾಜದ ವಾಣಿಜ್ಯ ವ್ಯವಹಾರಗಳನ್ನು ವಿವರಿಸುತ್ತಲೋ, ವರ್ಣಿಸುತ್ತಲೋ, ಹೊಗಳುತ್ತಲೋ, ಟೀಕಿಸುತ್ತಲೋ ದಾಖಲಿಸುತ್ತಲೇ ಬಂದಿದೆ. ಅದನ್ನು ಅರಿಯುವ ಅವಕಾಶವನ್ನು ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಈ ಪಠ್ಯಗಳ ಮೂಲಕ ಸಾಧ್ಯವಾಗಿದೆ.
CO-2 PART- B	ಬಹುಂ ವಿದ್ಯಾರ್ಥಿಗಳು ವಾಣಿಜ್ಯ ವ್ಯವಹಾರ, ವ್ಯಾಪಾರ ಮಾರುಕಟ್ಟೆ, ಲಾಭ- ನಷ್ಟಗಳ ಲೆಕ್ಕಾಚಾರದಲ್ಲಿರುವವರು ಆದರೆ ಆದೇ ಬದುಕಲ್ಲ. ನಾವು ಬದುಕುತ್ತಿರುವ ಪರಿಸರದ ವಿವೇಕಗಳೂ ಅವರಿಗೆ ಬೇಕು. ಪರಿಸರದ ನಾಶ, ಪರಿಸರ ಮಾಲಿನ್ಯ, ಪ್ರಾಕೃತಿಕ ವಿಕೋಪಗಳು ಇತ್ಯಾದಿಗಳ ಕುರಿತು ಅರಿವನ್ನು ಮೂಡಿಸುತ್ತಾ ನಿಸರ್ಗದ ಮಹತ್ವವನ್ನು ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ತಿಳಿಸುವ ಸಲುವಾಗಿ ಈ ಭಾಗವನ್ನು ಪಠ್ಯವಾಗಿ ಇರಿಸಲಾಗಿದೆ.





**Phone : 8147053085**

Website : [pestrust.edu.in/pesiams](http://pestrust.edu.in/pesiams)

**ಪಿಇಎಲ್ ಇನ್‌ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಟೆಕ್ನಾಲಜಿ ಮ್ಯಾನೇಜ್‌ಮೆಂಟ್ ಸ್ಕೋಲರ್**

(ಕೂಡಲೇ ಪ್ರತಿರೋಧಿಸುವಂತೆ ಸಾರ್ವಜನಿಕವಾಗಿ ಪ್ರತಿರೋಧಿಸುವುದು ಕೂಡಲೇ ಮಾಡುವುದು)

ಎನ್ ಹೆಚ್ 206, ಸಾಗರ ರಸ್ತೆ, ಶಿವಮೊಗ್ಗ - 577 204 (ಕರ್ನಾಟಕ)

**PES Institute of Advanced Management Studies**

(Affiliated to Kuvempu University, Recognized by Govt. of Karnataka)

N H-206, Sagar Road, Shivamogga - 577 204 (Karnataka)

<p><b>CO-3</b> <b>PART- C</b></p>	<p>ಸಂಬಂಧ ಅನ್ನುವುದು ತುಂಬಾ ವಿಶಾಲವಾದ ಅರ್ಥ ವ್ಯಾಪ್ತಿಯನ್ನು ಒಳಗೊಂಡಿದೆ. ಸಮಾಜದಲ್ಲಿ ಬದುಕುವಾಗ ನಮ್ಮೊಳಗಿನ ಸಣ್ಣತನಗಳನ್ನು ಸ್ವಾರ್ಥ, ದ್ವೇಷಗಳನ್ನು ಬಿಡಬೇಕು. ವ್ಯಕ್ತಿತ್ವವನ್ನು ಜಾತಿ, ಹಣ, ಧರ್ಮ, ವರ್ಗ ಅಧಿಕಾರದ ನೆಲೆಯಲ್ಲಿ ಗುರುತಿಸದೆ ಒಳ್ಳೆಯ ಗುಣಗಳಿಂದ ನೋಡಬೇಕು. ಆಗ ಒಳ್ಳೆಯ ಸಂಬಂಧಗಳು ಬೆಳೆದು ಆರೋಗ್ಯಯುಕ್ತ ಸಮಾಜವನ್ನು ಕಟ್ಟಬಹುದು. ಈ ಆಶಯದ ಹಿನ್ನೆಲೆಯಲ್ಲಿ ಕನ್ನಡದ ಪ್ರಮುಖ ಚಿಂತಕರ ಬರಹಗಳು, ಹೋರಾಟಗಾರರ ಸಾಹಸ ಗಾಥೆಗಳನ್ನು ಪಠ್ಯವಾಗಿ ಇರಿಸಲಾಗಿದೆ.</p>
---------------------------------------	---

**Department of Management & Computer Science Program:**

**1th SEM – BSC-BBA**

**Subject – Kannada**

**Syllabus-ನೂತನ ಸೆಮಿ-೧**

2014-2018

UNIT	Content	Hours Allotted
	<b>PART -A</b>	
<b>1</b>	<p>ಭಾಗ-1: ಸಂಬಂಧ</p> <p>1.ಮೊಸರಿನ ಮಂಗಮ -ಮಾಸ್ತಿ</p> <p>2.ನೀನಿಲ್ಲದಿವೆಲ್ಲಮೊಳವೆ ಆಂಗಾಧಿಪತಿ- ರನ್ನ</p> <p>3.ಬಳಿಗಾರನ ಹಾಡು-ಕೆ.ಎಸ್.ನರಸಿಂಹಸ್ವಾಮಿ</p> <p>4.ಉತ್ತರದೇವಿ- ಜನಪದ</p> <p>5.ಮುಟ್ಟಿಸಿಕೊಂಡವನು -ಪಿ. ಲಂಕೇಶ್</p> <p>6.ಕನಕ-ಕೃಷ್ಣ -ಸವಿತಾ ನಾಗಭೂಷಣ</p> <p>7.ನಿಮ್ಮೊಡನೆಿದ್ದೂ ನಿಮ್ಮಂತಾಗದೆ- ಕೆ.ಎಸ್.ನಿಸಾರ್ ಅಹಮದ್</p>	<b>18 hrs</b>
	<b>PART -B</b>	
<b>2</b>	<p>ಭಾಗ- 02: ಸಂಸ್ಕೃತಿ</p> <p>1.ವಚನಗಳು</p> <p>2.ಕಕರನ ಯುಗಾದಿ-ಡಾ.ಬೆಸಗರಹಳ್ಳಿ ರಾಮಣ್ಣ</p> <p>3.ಕುರುಡು ಕಾಂಚಾಣ-ದ.ರಾ. ಬೇಂದ್ರೆ</p> <p>4.ನಲ್ಲಿ ತಾವ್ ನಂ ಮಲ್ಲಿ-ಜಿ.ಪಿ.ರಾಜರತ್ನಂ</p> <p>5.ಕೂಸಿನ ಹಾಡು</p> <p>6.ಅವನತಿ</p> <p>7.ಗುಬ್ಬೀಮನಿ- ಶಶಿಕಲಾ ವೀರಯ್ಯಸ್ವಾಮಿ</p> <p>8.ಗಂಗಾಮಾಯೆ- ಡಾ.ಚಂದ್ರಶೇಖರ ಕಂಬಾರ</p>	<b>18 hrs</b>
	<b>PART- C</b>	

**Statements of Course Outcomes (COs)**

**By the end of the course, the student will be able**

<b>CO-1</b>	<p>ಭಾಗ-1 ಸಂಸ್ಕೃತಿ</p> <p>ಕಥೆಯು ಮೊಸರು ಮಾರುವ ಮಂಗಮನೆಂಬ ಹಿರಿಯ ಹೆಂಗಸೊಬ್ಬಳ ಕೌಟುಂಬಿಕ ಬದುಕಿನ ಚಿತ್ರಣವನ್ನು ಒಳಗೊಂಡಿದೆ. ನವೋದಯ ಕೌಟುಂಬಿಕ ಆದರ್ಶ-ಸಂಪ್ರದಾಯದ ನಿಲುವುಗಳನ್ನು ಈ ಕಥೆಯು ಪ್ರತಿಪಾದಿಸುತ್ತದೆ.ಗ್ರಾಮೀಣ ಬದುಕಿನ ಕೌಟುಂಬಿಕ ಚಿತ್ರಣ, ಪರಂಪರಾಗತ ಶ್ರದ್ಧೆ, ನಂಬಿಕೆಗಳನ್ನು ಪ್ರಶ್ನಿಸುವಂಥ</p>
-------------	--

	<p>ಸನ್ನಿವೇಶ, ಸಂದರ್ಭಗಳು,ಎದುರಾಗುವ ಸಂದರ್ಭಗಳಲ್ಲಿಲ್ಲಾ ಆ ಸಂಪ್ರದಾಯದ ಮೌಲ್ಯಗಳ ಚೌಕಟ್ಟಿನಲ್ಲಿಯೇ ಆವಕ್ಕೆ ಪರಿಹಾರವನ್ನು ಹುಡುಕುವ ಧೋರಣೆ ಕಠೆಯಲ್ಲಿ ವ್ಯಕ್ತವಾಗಿದೆ.</p>
CO-2	<p>ಭಾಗ-2 ಸಂಸ್ಕೃತಿ</p> <p>ಜಾಗತೀಕರಣ ಎನ್ನುವುದು ಒಂದು ಆರ್ಥಿಕ ವಲಯದ ಪ್ರಕ್ರಿಯೆಯಾಗಿದೆ. ಜಾಗತೀಕರಣದ ಪರ ವಿರೋಧದ ನೆಲೆಯನ್ನಿಟ್ಟುಕೊಂಡು ಆಧುನಿಕ ಕನ್ನಡ ಸಾಹಿತ್ಯದಲ್ಲಿ ತೀಕ್ಷ್ಣವಾದ ಪ್ರತಿಕ್ರಿಯೆಗಳು ಪ್ರಕಟವಾಗುತ್ತಿವೆ. ವಿದ್ಯಾರ್ಥಿಗಳು ಹಾಗೂ ಪ್ರತಿಯೊಬ್ಬ ನಾಗರಿಕರೂ ಸಹ ಜಾಗತೀಕರಣದ ವಿಷ ವೃತ್ತದಿಂದ ಬಿಡುಗಡೆ ಹೊಂದಬೇಕಾಗಿರುವುದು ಅಗತ್ಯ. ಮಾಸಗೀಕರಣ, ಉದಾರೀಕರಣ, ಜಾಗತೀಕರಣ ಮುಂತಾದವುಗಳಿಂದ ಆಗುವ ದುಷ್ಪರಿಣಾಮಗಳನ್ನು ಕುರಿತು ಇಲ್ಲಿ ಚರ್ಚಿಸಲಾಗಿದೆ.</p>
CO-3	<p>ಭಾಗ-3 ಸಂವಹನ</p> <p>ಸಂವಹನ ಪ್ರಕ್ರಿಯೆ ಮಾನವನ ಉಸಿರಿನಷ್ಟೆ ಅನಿವಾರ್ಯ ಮತ್ತು ಅಗತ್ಯತೆಯಿಂದ ಕೂಡಿದೆ.ಸಂವಹನಕ್ಕೆ ಪ್ರಮುಖವಾಗಿರುವ ಮಾಧ್ಯಮವೆ ಭಾಷೆ. ಈ ವಿಭಾಗದಲ್ಲಿ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಸಂವಹನ ಕೌಶಲವನ್ನು ಬೆಳೆಯಿಸುವುದು.ಮತ್ತು ಭಾಷೆಯ ಮೇಲೆ ಪ್ರಭುತ್ವ ಬೆಳೆಸುವುದು.</p>

## ಕನ್ನಡ ವಿಭಾಗ

ಪ್ರಥಮ ಸೆಮಿಸ್ಟರ್ ಬಿಸಿಎ / ಬಿ.ಎಸ್ಸಿ

Subject Code : BCA -

ಪಠ್ಯದ ಹೆಸರು :- ನುಡಿ ಸಂಭ್ರಮ - 01

UNIT	Content	Hours Allotted
	<b>PART -A</b>	
<b>1</b>	<p><b>ಭಾಗ-1 ದೇಸಿ</b>  ಪೂರ್ವ ಪಠ್ಯ : ದೇಸಿಯೊಳ್ ಪುಗುವುದು - ಪಂಪ  1) ಪಠ್ಯ: ಬಿದಿರಮ್ಮ ತಾಯಿ ಕೇಳಿ - ಜನಪದ ಗೀತೆ  ಪೂರಕ ಪಠ್ಯ: 1) ನಡುವಣ ನಾಡೆ ನಾಡೆ ಕನ್ನಡದ ತಿರುಳ್ - ಕವಿರಾಜಮಾರ್ಗಕಾರ  2) ಬಸವಣ್ಣನ ವಚನಗಳು  2. ಪಠ್ಯ : ಕಬ್ಬಿಗರ ಕಾವಂ - ಆಂಡಯ್ಯ  ಪೂರಕ ಪಠ್ಯ : 1) ವಿದ್ಯೆ- ಮಾತು - ಸರ್ವಜ್ಞ  2) ರೊಕ್ಕ ಎರಡಕ್ಕೂ ದುಃಖ ಕಾಣಕ್ಕ - ಪುರಂದರದಾಸರು  3) ಪಠ್ಯ : ನನ್ನ ಹೂತೆ - ಬಿ. ಎಸ್ ಶಿವರುದ್ರಪ್ಪ  ಪೂರಕ ಪಠ್ಯ : 1) ಬಡಗಣದ ಬೆಳಕು - ವಿ. ಕೃ. ಗೋಕಾಕ್  2) ಕವಚ - ಎಲ್. ಹನುಮಂತಯ್ಯ</p>	<b>18 hrs</b>
	<b>PART -B</b>	
<b>2</b>	<p><b>ಭಾಗ- 02 ಜಾಗತೀಕರಣ</b>  ಪೂರ್ವ ಪಠ್ಯ : ಎಲ್ಲಾ ಮಾಯ - ಗೊಲ್ಲಹಳ್ಳಿ ಶಿವಪ್ರಸಾದ್  ಪಠ್ಯ :- 1) ಅಣು ಚಳಿಗಾಲ ಅಡಗಲು ಸೃಳವೆಲ್ಲಿ? - ನಾಗೇಶ ಹೆಗಡೆ  ಪೂರಕ ಪಠ್ಯ: 1) ಬೆಂಗಳೂರಿನ ಪಾಡು - ಡಾ. ಸಿದ್ದಲಿಂಗಯ್ಯ  2) ಪಾಲಿ ಸೈಟುಗಳು - ಕೆ. ಎಸ್. ನಿಸಾರ್ ಅಹಮದ್  2) ಪಠ್ಯ : ಎ ದಿಲ್ ಮಾಂಗೆ ಮೋರ್ - ಅಮರೇಶ ನುಗಡೋಣಿ  ಪೂರಕ ಪಠ್ಯ 1) ಇಗೋ ಬಂದೆ- ಹೆಚ್ ಎಸ್ ಶಿವಪ್ರಕಾಶ್  2) ಬಡ್ತಿ - ಚಂದ್ರು ಆರ್. ಪಾಟೀಲ್  3) ಪಠ್ಯ: ಬುದ್ಧ ಗಂಟಿಯ ಸದ್ದು - ಮಹಂತೇಶ್ ನವಲಕಲ್  ಪೂರಕ ಪಠ್ಯ 1) ಅಸಮಾನತೆಯ ಜಾಗತೀಕರಣ- ಪಿ. ಸಾಯಿನಾಥ್  2) ಬಾಳು ಕೊಡವ್ವ - ಸರಸ್ವತಿ ಚಿಮ್ಮಲಗಿ</p>	<b>18 hrs</b>
	<b>PART- C</b>	
<b>3</b>	<b>ಭಾಗ - 3 ನಾಟಕ : ಜಲಗಾರ- ಕುವೆಂಪು</b>	<b>14 hrs</b>

## Statements of Course Outcomes (COs)

By the end of the course, the student will be able to

CO-1	<p>ಪಾಠ್ಯಕ್ರಮ ಮತ್ತು ಭಾರತೀಯ ಸಂಸ್ಕೃತಿಯ ಪರಿಕಲ್ಪನೆಗಳ ವಿರುದ್ಧ ಪ್ರಾದೇಶಿಕ ಸಂಸ್ಕೃತಿ ವಿಶಿಷ್ಟತೆಯನ್ನು ಸಮರ್ಥಿಸುವುದೇ ಹೊಸಗನ್ನಡದ ಸಂದರ್ಭದಲ್ಲಿ ದೇಶೀವಾದದ ಮುಖ್ಯ ಗುರಿಯಾಯಿತು. ದೇಶೀವಾದದ ಅರಿವು ಭಾಷೆಯ ಬಳಕೆಯನ್ನಲ್ಲದೆ, ಸಾಹಿತ್ಯದ ವಸ್ತು ನಿರೂಪಣೆ, ಬರಹಗಾರನ ಮೂಲ ಕಲ್ಪನೆ ಮತ್ತು ಒಟ್ಟು ಸಂದರ್ಭವನ್ನು ಒಳಗೊಳ್ಳುತ್ತದೆ. ಪ್ರಾದೇಶಿಕ ಸಂಸ್ಕೃತಿ, ಸಂಪ್ರದಾಯ, ಆಚರಣೆಗಳು ತನ್ನ ಸ್ವಂತಿಕೆಯನ್ನು ಗುರುತಿಸಿಕೊಳ್ಳಲು ಸಾಹಿತ್ಯದ ಮೂಲಕ ಸಾಧ್ಯವಾಗಿದ್ದು ದೇಶೀ ಪ್ರಜ್ಞೆಯನ್ನು ಅರಿಯುವುದು ಇದರ ಉದ್ದೇಶವಾಗಿದೆ.</p>
CO-2	<p>ಜಾಗತೀಕರಣ ಎನ್ನುವುದು ಒಂದು ಆರ್ಥಿಕ ವಲಯದ ಪ್ರಕ್ರಿಯೆಯಾಗಿದೆ. ಜಾಗತೀಕರಣದ ಪರ ವಿರೋಧದ ನೆಲೆಯನ್ನಿಟ್ಟುಕೊಂಡು ಆಧುನಿಕ ಕನ್ನಡ ಸಾಹಿತ್ಯದಲ್ಲಿ ತೀಕ್ಷ್ಣವಾದ ಪ್ರತಿಕ್ರಿಯೆಗಳು ಪ್ರಕಟವಾಗುತ್ತಿವೆ. ವಿದ್ಯಾರ್ಥಿಗಳು ಹಾಗೂ ಪ್ರತಿಯೊಬ್ಬ ನಾಗರಿಕರೂ ಸಹ ಜಾಗತೀಕರಣದ ವಿಷ ವೃತ್ತದಿಂದ ಬಿಡುಗಡೆ ಹೊಂದಬೇಕಾಗಿರುವುದು ಆಗತ್ಯ. ವಾಸಗೀಕರಣ, ಉದಾರೀಕರಣ, ಜಾಗತೀಕರಣ ಮುಂತಾದವುಗಳಿಂದ ಆಗುವ ದುಷ್ಪರಿಣಾಮಗಳನ್ನು ಕುರಿತು ಇಲ್ಲಿ ಚರ್ಚಿಸಲಾಗಿದೆ.</p>
CO-3	<p>ಕನ್ನಡದ ಮಹಾಕವಿ ಕುವೆಂಪು ಅವರ ಜಲಗಾರ ನಾಟಕವು ಅವರ ಪ್ರತಿಭೆ, ಪಾಂಡಿತ್ಯದಿಂದ ಮೂಡಿದೆ. ನೇಗಿಲೆಯೋಗಿ ರೈತನ ಕರ್ಮವನ್ನು ಉದ್ಧಾರಕ್ಕೆ ಅನುವು ಮಾಡಿಕೊಟ್ಟ ಕರ್ಮಯೋಗಿಯ ಸಿದ್ಧಾಂತವನ್ನು ಪ್ರಚುರಪಡಿಸಿದೆ. ನಿಸರ್ಗದ ಬಯಲು ವೇದಿಕೆಯಲ್ಲಿ ಕಾಯಕವೇ ಕೈರಾಸವೆಂಬ ತತ್ವ ಪ್ರತಿಮಾರೂಪವನ್ನು ಪಡೆದುಕೊಂಡಿದೆ. ಸಂಪ್ರದಾಯ ಜಡವಾದ ಸಮಾಜದಲ್ಲಿ ಕರ್ಮಯೋಗಿ ಜಲಗಾರನ ವ್ಯಕ್ತಿತ್ವ ಆದರ್ಶಪ್ರಾಯವಾಗಿದೆ. ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ವೈಚಾರಿಕತೆಯ ಪ್ರಜ್ಞೆಯನ್ನು ಮೂಡಿಸುವ ಸಲುವಾಗಿ ಈ ಪಠ್ಯವನ್ನು ಇರಿಸಲಾಗಿದೆ.</p>



**Department of Management & Computer Science Program:**

**2<sup>nd</sup> SEM – BCA & BBA**

**Subject – Kannada-ಕುಡಿ ಸವಿ**

**2014-2018**

UNIT	Content	Hours Allotted
<b>I</b>	ಭಾಗ-1 ಚಿರಂತನ 1.ಇಂತಪ್ಪವರುಮರುವಂದಮದ್ಭುತಂ 2.ಸಾರಥಿಯಾಗು ನಡೆ 3.ಅತಿಹಿತದಲ್ಲಿ ನೀವಿಹುದು 4.ಮುಂದಕ್ಕೆ ಲೇಸುಂಟು ನಮಗೆ 5.ಅಯ್ಯ ವಚನಕಾರ್ತಿಯರ ವಚನಗಳು 6.ಕಿತ್ತೂರು ಚೆನ್ನಮ್ಮ 7.ದೇವರ ಹೇಣ 8.ಮಾಧವೀಲತೆ ಮತ್ತು ಸಾರ್ಕಂಡ್ರಾ	<b>18</b>
<b>II</b>	ಭಾಗ-2 ಚಿಂತನ 1.ಬಂಡಾಯ 2.ಪತಿತ ಪಾವನ 3.ಅಂಬೇಡ್ಕರ್ 4.ನಾವು ಮತ್ತು ನಮ್ಮ ಪ್ರಕೃತಿ 5.ಸ್ವವೈದ್ಯ ಜೀವಕ್ಕೆ ಅಪಾಯ 6.ವಿಜ್ಞಾನ ಮತ್ತು ಸಮಾಜ 7.ಸೋಲೆಂಬುದು ಅಲ್ಪ ವಿರಾಮ 8.ತಾಯನವನ್ನು ಕಳೆದುಕೊಳ್ಳುತ್ತಿರುವ ಸಮಾಜ	<b>18</b>
<b>III</b>	ಭಾಗ-3 ಸಂವಹನ 1.ಪ್ರಾಚೀನ ಭಾರತದಲ್ಲಿ ಸಂವಹನ ವಿಧಾನಗಳು 2.ಸಂವಹನ ಕನ್ನಡ 3.ಮಾತು ಮತ್ತು ಬರಹ 4.ಹುಡುಗಿ ಮತ್ತು ದಾಸವಾಳ 5.ಬೇತಾಳ ಹೇಳಿದ ಕಥೆಗಳು	<b>14</b>

**Statements of Course Outcomes (COs)**

**By the end of the course, the student will be able**

<b>CO-1</b>	ಭಾಗ-1 ಚಿರಂತನ ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಸಾಹಿತ್ಯದ ಓದಿನ ಅಭಿರುಚಿಯನ್ನು ಮೂಡಿಸುವವುದು. ಬದುಕಿನ ಅಳಗಲಗಳ ಗಟ್ಟಿನೆಯನ್ನು ಸಾಹಿತ್ಯದ ಮೂಲ ಪರಿಚಯಿಸುವ, ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಜೀವನ ಮೌಲ್ಯಗಳನ್ನು ರೂಢಿಸುವ,ಮನುಷ್ಯ ಸಂಬಂಧಗಳನ್ನು ಪ್ರೀತಿಸುವ,ಜೀವನ ಪ್ರೀತಿಯ ಅಗಾಧತೆಯನ್ನು ಅರಿಯುವ ಹಾಗೂ ಸಾಮಾಜಿಕ ಅನಿಷ್ಟಗಳನ್ನು ವಿರೋಧಿಸುವ ಅವುಗಳ ವಿರುದ್ಧ ಹೋರಾಡುವ ಮನೋಭಾವವನ್ನು ಶಕ್ತಿಯನ್ನೂ ಬೆಳೆಸುತ್ತದೆ.
-------------	--

CO-2	ಹನ್ನೆರಡನೆಯ ಶತಮಾನಗಳ ಸಂದರ್ಭದಲ್ಲಿ ಕರ್ನಾಟಕದ ಶರಣರು ಮರೋಹಿತಶಾಹಿ ಪ್ರತಿಪಾದಿಸಿದ ಎಲ್ಲಾ ಅಸಮಾನತೆಗಳನ್ನು ವಿರೋಧಿಸಿದ್ದಾರೆ. ಕಾಯಕ ದಾಸೋಹಸಂತಹ ಸಮಾಜಮುಖಿ ಚಿಂತನೆಗಳನ್ನು ಪ್ರತಿಪಾದಿಸಿದ್ದಾರೆ. ಆಧುನಿಕ ಭಾರತದಲ್ಲಿ ಮಹಾತ್ಮಗಾಂಧಿ, ಅಂಬೇಡ್ಕರ್, ಲೋಹಿಯಾ, ಜಯಪ್ರಕಾಶ ನಾರಾಯಣ ಮುಂತಾದವರು ಮಂಡಿಸಿದ ಚಿಂತನೆಗಳು ಕನ್ನಡ ಸಾಹಿತ್ಯದ ಮೇಲೆ ಬಹುದೊಡ್ಡ ಪ್ರಭಾವ ಬೀರಿದವು. ಇಲ್ಲಿರುವ ಪಠ್ಯಗಳು ನಮ್ಮ ವಿದ್ಯಾರ್ಥಿ ವೃಂದಕ್ಕೆ ಸಮಾಕಾಲೀನ ಬದುಕಿನ ವಾಸ್ತವಗಳನ್ನು ಮತ್ತು ಎಚ್ಚರಗಳನ್ನು ಅರ್ಪಿಸಿಕೊಳ್ಳುವಂತಹ ವೈಚಾರಿಕ ಮನೋಧರ್ಮವನ್ನು ಬೆಳೆಯುತ್ತದೆ.
CO-3	ಭಾಗ-3 ಸಂವಹನ ಸಂವಹನ ಪ್ರಕ್ರಿಯೆ ಮಾನವನ ಉಸಿರಿನಷ್ಟೆ ಅನಿವಾರ್ಯ ಮತ್ತು ಅಗತ್ಯತೆಯಿಂದ ಕೂಡಿದೆ. ಸಂವಹನಕ್ಕೆ ಪ್ರಮುಖವಾಗಿರುವ ಮಾಧ್ಯಮವೇ ಭಾಷೆ. ಈ ವಿಭಾಗದಲ್ಲಿ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಸಂವಹನ ಕೌಶಲವನ್ನು ಬೆಳೆಯಿಸುವುದು ಮತ್ತು ಭಾಷೆಯ ಮೇಲೆ ಪ್ರಭುತ್ವ ಬೆಳೆಸುವುದು.

Department of Management & Computer Science Program:

III SEM – BCA & BBA

Subject – Kannada

Syllabus - ನುಡಿ ಸವಿ-3

2014-2018

UNIT	Content	Hours Allotted
I	ಭಾಗ-1 ಬೇವನೆ ಪ್ರೀತಿ 1.ಸೂಫಿಕತೆ 2.ಚಂದ್ರಾಪೀಡ ಕಾದಂಬರಿಯ ಪ್ರಥಮ ಬೇಟೆ 3.ಯುಗಾದಿ 4.ನನ್ನ ನಾಯಿ 5.ಮುದ್ದಣ್ಣ ಮನೋರಮೆಯರ ಸಲ್ಲಾಪ 6.ಪ್ರೀತಿ ಇಲ್ಲದ ಮೇಲೆ 7.ಅಪ್ಪ 8.ಸರ್ಕಸ್ ಹುಡುಗಿ	18
II	ಭಾಗ-2 ನಿರ್ವಹಣಾ ಕೌಶಲ: ಪ್ರವೇಶ 1.ವ್ಯವಹಾರ ಸಂವಹನ ಮತ್ತು ನಿರ್ವಹಣಾ ಕೌಶಲಗಳು 2.ಅನ್ ಲೈನ್ ಮಾರುಕಟ್ಟೆಯ ಕಷ್ಟ-ಸುಖ 3.ಅನ್ ಲೈನ್ ಬ್ಯಾಂಕಿಂಗ್ 4.ಮಾನಸಿಕ ಒತ್ತಡ ಮತ್ತು ನಿರ್ವಹಣೆ ಸಂಗ್ರಹ 5.ಅಪ್ಪ ಸಲಹೆಗಳು 6.ಯಾವ ವೆಬ್‌ಸೈಟ್‌ನಲ್ಲೂ ಉತ್ತರವಿಲ್ಲ 7.ಆರ್ಟ್ ಆಫ್ ಲೈಯಿಂಗ್ : ನಟರಾಜ್ ಹುಳಿಯಾರ್	18
III	ಭಾಗ-3 ಸರ್ಕಾರಿ ಪತ್ರಗಳು 1.ಪತ್ರಲೇಖನದ ಲಕ್ಷಣಗಳು, ಪತ್ರದ ಸ್ವರೂಪ-ವಿನ್ಯಾಸ 2.ಸರ್ಕಾರಿ ಪತ್ರದ ಬಗೆಗಳು 3.ಸರ್ಕಾರಿ/ಅಧಿಕೃತ ಪತ್ರಗಳು 4.ಅರೆ ಸರ್ಕಾರಿ ಪತ್ರಗಳು 5.ಜ್ಞಾಪನ ಪತ್ರ 6.ಸುತ್ತೋಲೆ/ಪರಿಪತ್ರ 7.ಆದೇಶ/ನಡಾವಳಿಗಳು 8.ಅಧಿಸೂಚನೆ 9.ಅರ್ಜಿ/ಅಭ್ಯರ್ಥನ ಪತ್ರ 10.ಮನವಿಪತ್ರ	14



**Statements of Course Outcomes (COs)**  
**By the end of the course, the student will be able**

CO-1	<p>ಘಟಕ-1          ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ನೇಪಥ್ಯ ಪ್ರತಿ ಬೆಳೆಸುವುದು.ನೇಪಥ್ಯ ಮೌಲ್ಯಗಳನ್ನು ಬೆಳೆಸುವುದು.ಮಾನವನ ಗುಣ-ದುಃಖ, ಬಂಧು-          ಒಳಗೊಳ್ಳುವುದು ಒದಗಿಸು. ಉಳ್ಳವ-ಅಳ್ಳವ,ಸಮರ-ಶಾಂತಿ ಇವೆಲ್ಲವೂ ಮಾನವನ ಪ್ರೀತಿಯ ಮನೋಭಾವವನ್ನು ಅವಲಂಬಿಸಿದೆ.          ವ್ಯಕ್ತಿಯ ಅಂತರಂಗವನ್ನು ಪ್ರೀತಿಯ ಕಲೆ ಮೂಡಿಸಿ ಹೋದರೆ ಪ್ರಕೃತಿಯಲ್ಲಿ ಸಮ ಮಾತಿನಲ್ಲಿ ಮಾಧುರ್ಯ,ನಡೆಯಲ್ಲಿ          ಮೌನವ್ಯಸೋದರತ್ವ ಸಮಾಜಕ್ಕೆ ಮೂಲವಾಗಿ ಬಾಳು ಮರುಭೂಮಿಯಾಗುತ್ತದೆ.'ಸಾರ್ಥಕ ವಾಕ್ಯಕ್ಕೆ ಪ್ರೀತಿಯೇ ಆಧಾರ' ಎಂಬುದನ್ನು          ವ್ಯಕ್ತಿಗಳ ವ್ಯವಹಾರಕ್ಕೆ ಮಾಡಿಕೊಡುವುದು.</p>
CO-2	<p>ಘಟಕ-2          ಆಧುನಿಕ ಮಾಧ್ಯಮಗಳ ಸಮಾಜಿಕ ಬಳಕೆ. ಮಿತಿಗಳ ಬಗ್ಗೆ ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಅರಿವು ಮೂಡಿಸುತ್ತದೆ.ದೈಹಿಕ ಆರೋಗ್ಯ,ಮಾನಸಿಕ          ನೆಮ್ಮದಿ ನಮ್ಮ ಪ್ರಥಮ ಆದ್ಯತೆಯಾಗಬೇಕು. ಮಾನಸಿಕ ನೆಮ್ಮದಿಯನ್ನು ಕಲಕುವ ವಿಚಾರಗಳನ್ನು ತಿಳಿದು ಪರಿಹಾರಕಂಡುಕೊಳ್ಳುವ          ಬಗೆಯನ್ನು ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ತಿಳಿಸಿಕೊಡುತ್ತದೆ.</p>
CO-3	<p>ಘಟಕ-3          ಸರ್ಕಾರ ಒಂದು ದೊಡ್ಡ ವ್ಯವಸ್ಥೆ.ಅದರ ಕಾರ್ಯ ಚಟುವಟಿಕೆಗಳು ಹಲವಾರು.ವ್ಯಕ್ತಿ ಹಾಗೂ ಸಮಾಜ ಜೀವನದಲ್ಲಿ          ಪ್ರತ್ಯಕ್ಷವಾಗಿಯೂ,ಪರೋಕ್ಷವಾಗಿಯೂ ಅಡುವಹಿಸುವ ಪಾತ್ರ ಅಗಾಧ. ದೇಶದಲ್ಲಿ ಅತಿ ಹೆಚ್ಚಿನ ಉದ್ಯೋಗಿಗಳನ್ನು ಹೊಂದಿರುವ          ವ್ಯವಸ್ಥೆ ಎಂದರೆ ಸರ್ಕಾರ. ಸರ್ಕಾರದಲ್ಲಿ ನಾನಾ ಇಲಾಖೆಗಳು ಇರುತ್ತದೆ.ಅವೆಲ್ಲವುಗಳ ನಡುವೆ ಒಂದು ಅಂತರ್ ಸಂಬಂಧ          ಇರುತ್ತದೆ. ತಮ್ಮದೆ ಆದ ಇಲಾಖೆಗೆ ಸಂಬಂಧಿಸಿದಂತೆ ಅಧಿನಿಯಮ ಹಾಗೂ ನಿಯಮ, ನಿಬಂಧನೆಗಳು ಇರುತ್ತವೆ. ಇವುಗಳ ಬಗ್ಗೆ          ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಅರಿವು ಮೂಡಿಸುತ್ತದೆ.</p>

**Department of Management & Computer Science Program:**  
**4th SEM – BCA & BBA**  
**Subject – Kannada**  
**Syllabus - ಸುಡಿಸಿಡಿ - ೪**

UNIT	Content	Hours Allotted
I	ಭಾಗ-1 ಸೃಜನಶೀಲತೆ 1.ಅಸ್ತಿತ್ವ: ಭೈವಂ - ಸರ್ವಸ್ವ 2.ಗೂಗಲ್ ಹಂಪರ್ಡ್ ಗುಹೆಯುಂ ಕಾಗೆಗಳ ಕುಬ್ಜ ಕಥೆ - ದುರ್ಗಸಿಂಹ 3.ಕಂಪ್ಯುಟರ್ - ಕುವೆಂಪು 4.ಕದಿದಿದ ಕಲಿಲುಂ ತಿಳವಂದದೆ - ನಾಗಚಂದ್ರ 5.ಬರಹ - ನಿತ್ಯದ ಹೋರಾಟ 6.ಬರವಣಿಗೆ- ನಿರಾಳವಾಗುವ ಪ್ರಕ್ರಿಯೆ	18
II	ಭಾಗ- 2 ಜನಪದ ಕ್ರೀಡೆಗಳು 1.ರತ್ನಾ: ರತ್ನಾ: ರಾಯನ ಮಗಳೆ 2.ಜನಪದ ಅಟಗಲು: ಚಾರಿತ್ರಿಕ ಅಧ್ಯಯನ 3.ಅಧುನಿಕ ಜಗತ್ತು ಮತ್ತು ಜನಪದ ಅಟಗಲು 4.ಕಣ್ಣೇ ಮುಚ್ಚಿ ಕಾಡೇಗೂಡೆ 5.ಜನಪದ ಅಟಗಲು - ಬದುಕಿನ ಶೋಧ ಸಂಬಂಧಗಳ ನಡುವೆ 6. ಜನಪದ ಕಥೆಗಳು 7.ಹೂ ದಹುವ ಮರ	18
III	ಭಾಗ - ಸಂವಹನ ಮಾಧ್ಯಮ 1.ಕನ್ನಡ ಬರಹ ಎಲ್ಲರ ಸೊಕ್ಕಾಗಬೇಕು 2.ಅಂತರ್ಜಾಲದ ಇಂದ್ರಜಾಲ ಮನೆಯೊಳಗೆ ಮಾರುಕಟ್ಟೆ 3.ಉದ್ಯೋಗ ಹಾರೀರಾತು: ಅಭ್ಯರ್ಥನ,ನೇಮಕಾತಿ	14

**Statements of Course Outcomes (COs)**

**By the end of the course, the student will be able**

CO-1	ಸೃಜನಶೀಲತೆಯೆಂದರೆ ತನ್ನತನದ ಹುಡುಕಾಟದ ಪ್ರಕ್ರಿಯೆ. ವ್ಯಕ್ತಿ ಸ್ವಾತಂತ್ರ್ಯದ ಅನುಭವಿಸುವಿಕೆಯ ಸಂಭ್ರಮ ಎಂದೇ ಅರ್ಥ. ಪರಂಪರಾಗತವಾದ ಅಚಾರ - ವಿಚಾರಗಳು ಮತ-ಮೌಢ್ಯಗಳು-ಜಾತಿ-ನಂಬಿಕೆಗಳು ನಮ್ಮ ಪ್ರಜ್ಞೆಯ ಮೇಲೆ ಹೇರಬಹುದಾದ, ಆವರಿಸಿಕೊಳ್ಳಬಹುದಾದ ಅಪಾಯಗಳಿಂದ ನಮ್ಮತನವನ್ನು ಉಳಿಸಿಕೊಂಡು ನಮ್ಮ ಕಾಲದ ಹೊಸ ಚಿಂತನೆ, ಅಲೋಚನೆ, ವೈಚಾರಿಕ ಪರುಷದಿಂದ ಪುನರ್ ಮೌಲ್ಯೀಕರಿಸಿಕೊಂಡಾಗ ಮಾತ್ರ ಸೃಜನಶೀಲತೆ ಸಂತೋಷದಿಂದ ಅರಳುತ್ತದೆ
CO-2	ಭ್ರಷ್ಟ ಭಾಗದೊಳಗೆ ಸುಗಂಧ ಕಾಣಿಸಬೇಕು, ಬದುಕಿನ ಪಾಠಾತ್ಮಕವನ್ನು ಬಯಲು ಮಾಡುತ್ತದೆ. ಇಲ್ಲಿಯ ಪ್ರತಿಯೊಂದು ಭಾಗವೂ ಜೀವನದ ಬದು-ಬೇರುಗಳನ್ನು ಗುರುತಿಸಿ, ೩ ಮೂಲಕ ಎಲ್ಲೋ ಕೂತು ತೂತುತೂತುಬದರ, ಜೀವನವೆಂದರೆ ತಾನು ಬದುಕುತ್ತಿರುವಂತೆ ಎಂದು

	<p>ಬಾವಿಸುವವರ ಕಣ್ಣು ತೆರೆಸಲು ಸಹಕಾರಿಯಾಗಿ ನಿಲ್ಲುತ್ತದೆ. ಮಾವವ ಸಂಬಂಧಗಳ ಒಳ ಹೊರರುಗಳನ್ನು ಸೂಕ್ಷ್ಮವಾಗಿ ದರ್ಶಿಸುತ್ತದೆ, ಮಾನವನಿಗೆ, ಅಂತರರೂ, ವಿಶ್ವಾಸಸ್ಥಿತಿ, ಮುಂತಾದ ನೈಜ ಸಂಬಂಧಗಳು ನಮ್ಮನ್ನು ಪ್ರಭಾವಿಸುತ್ತವೆ.</p>
CO-3	<p>ಪ್ರಸ್ತುತ ಜಾಗತಿಕರೂ ಸಂದರ್ಭದಲ್ಲಿ ಭಾಷೆಯ ಮಹತ್ವ ಕಂಡುಬಂದಿರಲೂ ಮುಖ್ಯವಾಗಿದೆ. ಕನ್ನಡ ಭಾಷೆ ಪ್ರಪಂಚದ ಐದನೇ ಭಾಷೆಗಳಲ್ಲೊಂದಾಗಿದೆ. ಮುಖ್ಯಮುಖ್ಯವಾಗಿರುವ ಈ ಸಂದರ್ಭದಲ್ಲಿ ಕಲಾತ್ಮಕ ಪರಿಣಾಮಕಾರಿ ಸಂವಹನ ಸಾಧ್ಯತೆಗಳನ್ನು ಈ ಸಂದರ್ಭದಲ್ಲಿ ರೂಢಿಸಿಕೊಳ್ಳಬೇಕಾಗಿದೆ. ಈ ರೀತಿ ಸಂವಹನ ಶೌಕಲವನ್ನು ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಲಭಿಸುವುದು.</p>

**Department of Management & Computer Science Program:**

**1<sup>st</sup> SEM – B.com**

**Subject – Kannada-ಸುಡಿ ಸಂಪದ**

**(2014-2018)**

UNIT	Content	Hours Allotted
I	<p>ಭಾಗ-1 ಕಾವ್ಯ</p> <p>1.ಕಾವ್ಯೋತ್ಪತ್ತಿ ಕಾವ್ಯಮೇಧ</p> <p>2.ಧನಶ್ರೀಯ ವಾತ್ಸರ್ಯೋಹವ ಪ್ರಸಂಗ</p> <p>3.ಅವ್ಯ - 1</p> <p>4.ಅವ್ಯನ ದಿಕ್ಕಿನಲ್ಲಿ ನಿಲ್ಲಿಸುವಿರಾ?</p> <p>5.ಕುಂತಿ ಕರ್ಣನ ಮೇಳ</p> <p>6.ತಾಯಿ</p> <p>7.ಮರಗಿಡ ಬಳ್ಳಿ</p> <p>8.ಎಳಗಿಳಿಯಿಂದ ಕೊರಲ್ಪರಿದು ಮೋದಿದರಾರ್</p> <p>9.ಮೂಲಿಗೆ ಯಂತ್ರದ ಅಮೃತ ಕವಿತೆಗಳು</p> <p>10.ಅವ್ಯನ ಕಣ್ಣಿನ ದೇವತೆ</p>	18
II	<p>ಭಾಗ-2 ಕೃಷ್ಣನವಿಲಾಸ</p> <p>1.ವಾತವಗಿತ್ತಿ ವಕ್ಕ</p> <p>2.ಸರೋವರದ ಸಿರಿಗನ್ನಡಿಯಲ್ಲಿ</p> <p>3.ಸವಾಲು ಗೆದ್ದ ಸಿಕ್ಕ</p> <p>4.'ಓಡಲಾಳ' ನಾಟಕದಿಂದ 'ಅನುಭವದ' ಹೊಸ್ತಿಲಿಗೆ</p> <p>5.ಅವ್ಯ ವಚನಗಳು</p> <p>6.ಓರೆಯ ಹೂವು</p> <p>7.ಕವಿ ಮನೆಯಲ್ಲಿ ಕಂಗಾಲಾದ ನಾಯಿ ಮರಿ</p> <p>8.ಸ್ಮರಣಾ ಹಾಕಿಂಗ್ ಎಂಬ ಮೃತ್ಯುಂಜಯ</p> <p>9.ಎಲ್ಲರೂ ಆಕೆಗೆ ಚಿತ್ರಕಂಠ ಕೊಟ್ಟು ಹುಟ್ಟಿದ್ದೀವಿ</p> <p>10.ಪ್ರಾಪ್ತನ ಒಂದು ಹಲ್ಲಿಗೆ ಗೌಡನ ಎರಡು ಹಲ್ಲು</p>	18
III	<p>ಭಾಗ-3 ನಾಟಕ</p> <p>ಯಾಯಿಕೆ- ನಿರ್ದೇಶಕರ ಕಾರ್ಯ</p>	14

**Statements of Course Outcomes (COs)**

**By the end of the course, the student will be able**

CO-1	<p>ಈ ಪಠ್ಯದಲ್ಲಿ ಜಾಗರೀಕರಣ ತಂದು ಹಾಕಿದ ಸಂಬಂಧಗಳ ನೆಲೆ ಹಾಗೂ ಭಾರತೀಯ ನೆಲಕ್ಕೆ ಹಣದ ಫಲಿ ಮತ್ತು ಧಾವಂತದ ಬದುಕು ತಂದುಕೊಟ್ಟ ಕಾಣಿಕೆ ಇವುಗಳನ್ನು ಅರ್ಥೈಸುವುದು. ಇಲ್ಲಿಯ ಮಣ್ಣಿನೀರು,ನೆಲವನ್ನೂ ತಾಯಿ ಅಂತರೇ ತಿಳಿದ ನಮ್ಮ ಜನಪದರಿಂದ ನಾವು ಇನ್ನು ಕರಿಯಬೇಕಿದೆ.ಹಾಗೆ ದಿಟ್ಟಿಸಿದರೆ ತಾಯ್ನಕ್ಕ ಹೆಣ್ಣೇ ಪ್ರಧಾನವಾದರೂ ಗಂಡಿನಲ್ಲೂ ಇದೇ ಬಗೆಯ</p>
------	---

	<p>ಆಂತರಿಕವಾಗಿ ವಾತ್ಸಲ್ಯದ ಗೆರೆಯೂ ಇರುತ್ತದೆ. ನಾಗಚಂದ್ರನ ರಾವಣ, ರನ್ನನ ದುರ್ರೋಧನ, ಪಂಪನ ಕರ್ಣದಲ್ಲಿ ಈ ಕೂತ್ಕಗಳನ್ನು ಕಾಣಬಹುದು. ಕನ್ನಡದ ಅರಿವನ್ನು ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಈ ಭಾಗದ ಪಠ್ಯಗಳು ಮೂಡಿಸುತ್ತವೆ.</p>
CO-2	<p>ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಮೊದಲಿನ ಕ್ರಮವನ್ನು ತಲುಪುವ ಕೆಲಸವನ್ನು ಈ ಭಾಗ ಮಾಡುತ್ತದೆ. ಈ ಬಗ್ಗೆ ಕನ್ನಡ ತಿಳುವಳಿಕೆಯನ್ನು ಬೀರಲು ನಡೆಸಲಾಗಿದೆ. ಕೆಲವು ಅಂಚಿನಿಂದ, ಹಬ್ಬಗಳ ಮಾತಿನಿಂದಲೂ ಸಾಧ್ಯವಾಗಿರುವ ಕೆಲಸ ನಿರಂತರವಾಗಿ ನಡೆದರೆ ಅದೊಂದು ಸುಸಾಲ್ಪನ್ ಓದಿನ ದಾರಿಯಾಗುತ್ತದೆ. ಆಗ ನಮ್ಮ ಕಾಪಿಡಾಕ್ಟ, ಜರಿತ್ರೆ, ಮರಾಣಗಳ ಮರು ಓದು ಸಾಧ್ಯವಾಗುತ್ತದೆ. ಈ ಹಾದಿಯಲ್ಲಿ ನಾಡು ಕಂಡ ಎಚ್ಚರದ ಮನವುಗಳು, ಮೋರಾಟಗಾರರು, ಹಿರಿಯರು, ಕಲಾವಿದರ ಬದುಕಿನ ಕೆಲವು ಆಯ್ಕೆ ಬರಹಗಳು ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಬದುಕುವ ಕಲೆಯನ್ನು ಕಲಿಸುತ್ತದೆ.</p>
CO-3	<p>ಗಿರೀಶ ಕಾರ್ನಾಡರವರ ಯಾಯಿತಿ ನಾಟಕದಲ್ಲಿ ಮನುಷ್ಯಸಾಹಸದ ದುರಂತ ಚಿತ್ರವೊಂದನ್ನು ರೂಪಿಸುತ್ತದೆ. ನಾಟಕದ ಆಧುನಿಕತೆಯ ಅಂಶವೆಂದರೆ ಅದು ಇಲ್ಲಿನ ಪಾತ್ರಗಳೆಲ್ಲ ಮನುಷ್ಯನ ಸಾಮಾನ್ಯ ಮಟ್ಟವನ್ನು ಮೋರುವ ಹಂಬಲವನ್ನಿಟ್ಟುಕೊಂಡವುಗಳು. ಆದರೆ ಮನುಷ್ಯ-ದೊಬ್ಬಗಳಿಂದಲೇ ಅವುಗಳ ಹಂಬಲ ಮೂರ್ಛಯಾಗುವುದಿಲ್ಲ. ಯಯಾತಿಯ ಅಮರತ್ವದ ಆಕಾಂಕ್ಷೆ, ದೇವಯಾನಿಯ ಪ್ರೀತಿಯ ಹಂಬಲ, ಶರ್ಮಿಷ್ಠೆಯ ಮನುಷ್ಯತ್ವದ ಅದೆ, ಪುರುಷನ ವ್ಯಕ್ತಿತ್ವದ ಶೋಧ ಎವೆಲ್ಲ ತಾತ್ವಿಕ ಕಾಮನೆಗಳಾಗಿವೆ. ಇದು ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಜೀವನ ದೃಷ್ಟಿಕೋನವನ್ನು ಬದಲಾಯಿಸುತ್ತದೆ.</p>



**Department of Management & Computer Science Program:**

**2ndSEM – B.com**

**Subject – Kannada**

**Syllabus-ಕುಟ ಸ್ತಂಭ-2**

**2014-2018**

UNIT	Content	Hours Allotted
	<b>PART -A</b>	
1	ಭಾಗ-1 ಕೊನೆಯದಾದ ಪ್ರಬಂಧ ಸಾಹಿತ್ಯ 1.ಬಂದನಾ ಹುಲಿರಾಯನು-ಕುವೆಂಪು 2.ಕಾಚಿಲು ಮರದ ಕೆಳಗೆ- ಪು.ತಿ.ನ 3.ನೆಗಡಿ-ತಿ.ನಂ.ಪಿ. 4.ರಬ್ಬೆಗಳು ಬಿ.ಶಾ.ಮನುಂದರ 5.ನಕ್ಷೆ ಹೂರಾಗಿ - ಭುವನೇಶ್ವರಿ ಹೆಗಡೆ 6.ನಾಪುಥಲಕ- ಆರ್.ನಿರ್ಮಲ	18 hrs
	<b>PART -B</b>	
2	ಭಾಗ- 02: ವೈಚಾರಿಕ ಪ್ರಬಂಧಗಳು 1.ಹಾತಿ-ಹಾ.ಬಿ.ಆರ್.ಅಂಬೇಡ್ಕರ್ 2.ಪೌಂದರ್ಯ ಮತ್ತು ಮೈಬಣ್ಣ-ರಾಮಮನೋಹರ ಲೋಹಿಯಾ 3.ವೈಚಾರಿಕತೆ-ಎಚ್.ನರಸಿಂಹಯ್ಯ 4.ಫರ್ಮ ಮತ್ತು ಸಾಮಾಜಿಕ ಜವಾಬ್ದಾರಿ-ಡಾ.ಜಿ.ಎಸ್.ಶಿವರುದ್ರಪ್ಪ 5.ಮಗ್ಗಿನ ಪವಿತ್ರೀಕರಣ - ಡಿ.ಆರ್.ನಾಗರಾಜ್ 6.ಕನ್ನಡ: ಆತಂಕಗಳು-ಕೆ.ವಿ.ನಾರಾಯಣ	18 hrs
	<b>PART- C</b>	
3	ಭಾಗ - 3 ನಾಟಕ ಗುಣಮುಖ - ಪಿ. ಲಂಕೇಶ್	14 hrs

## Statements of Course Outcomes (COs)

By the end of the course, the student will be able

CO-1	<p>ಭಾಗ-1 ಹೊಸಗನ್ನಡ ಪ್ರಬಂಧ ಸಾಹಿತ್ಯ ಈ ವಿಭಾಗದಲ್ಲಿ ಹಲವಾರು ಲೇಖಕರು ಹಲವಾರು ವಿಷಯಗಳನ್ನು ಕುರಿತು ಪ್ರಬಂಧ ಬರೆದಿದ್ದಾರೆ. ದೈನಂದಿನ ದಿನಗಳಲ್ಲಿ ಅವಶ್ಯ ಮಾಡಿರುವ ಎಷ್ಟು ವಿಚಾರಗಳು ಅರಿವಿನ ಮೂಲವಾಗಿದೆ. ವಿದ್ಯಾರ್ಥಿಗಳು ಸರಳವಾಗಿ ವಿಚಾರಗಳನ್ನು ಅರ್ಥಮಾಡಿಕೊಳ್ಳಲು ಸಾಧ್ಯವಾಗಿದೆ.</p>
CO-2	<p>ಭಾಗ-2 ವೈಚಾರಿಕ ಪ್ರಬಂಧಗಳು ವಿದ್ಯಾರ್ಥಿಗಳು ಮೂಢನಂಬಿಕೆಗಳಿಂದ ಹೊರಬಂದು ವೈಚಾರಿಕ ಮನೋಭಾವಗಳನ್ನು ಬೆಳೆಸಿಕೊಳ್ಳಲು ಈ ಪ್ರಬಂಧಗಳಿಂದ ಸಾಧ್ಯವಾಗಿದೆ.</p>
CO-3	<p>ಭಾಗ-3 ನಾಟಕ ಗುಣಮುಖ - ಪಿ. ಲಂಕೇಶ್ ಖ್ಯಾತ ನಾಟಕಕಾರ ಪಿ.ಲಂಕೇಶ ಅವರ 'ಗುಣಮುಖ'ನಾಟಕ ಒಂದು ವಿಕಿಪ್ರ ವ್ಯಕ್ತಿತ್ವವನ್ನು ಎಳೆ- ಎಳೆಯಾಗಿ ಅನಾವರಣಗೊಳಿಸಿ ತೋರುತ್ತದೆ. ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಮನುಷ್ಯನ ವ್ಯಕ್ತಿತ್ವದ ವಿವಿಧ ಮುಖಗಳ ಅರಿವನ್ನು ಮೂಡಿಸುತ್ತದೆ.</p>

Department of Management & Computer Science Program:

3rd SEM – B.com

Subject – Kannada

Syllabus-ನೂ ಸ್ತಂಧನ-3

2014-2018

UNIT	Content	Hours Allotted
	<b>PART -A</b>	
1	<p>ಭಾಗ-1 ಪ್ರತಿದೋಧ</p> <p>1.ವಚನಗಳು</p> <p>2.ಗಾನರಾಗಿಯರ ಪ್ರಸಂಗ-ರಾಘವಾಂಕ</p> <p>3.ಧನಿಯರ ಸತ್ಯನಾರಾಯಣ-ಕೊರಡಲ್ ಶ್ರೀನಿವಾಸರಾವ್</p> <p>4. ನಿಮೋಡನಿದ್ದು ನಿಮಂತಾಗದೆ-ಕೆ.ಎಸ್.ನಿಸಾರ್ ಅಹಮದ್</p> <p>5.ಅಮಚ್ಚೆಯೆಂಬ ನೆನಪು-ವೈದೇಹಿ</p> <p>6.ಮಾನವೀಯತೆ ಅಂತಾರಲ್ಲ ಅದರ ಬಗ್ಗೆ-ದೇವನೂರು ಮಹಾದೇವ</p> <p>7.ಕಬ್ಬಿಗರ ಕಾವ- ಅಂಡಯ್ಯ</p> <p>8.ಬಲ್ಲೆಗೈ ಭಾಷೆಯ ಕವಟು-ಜನಪದ</p> <p>9 ಪುರಾಣ ಭಂಜನ-ರಹಮತ್ ತರೀಕೆರೆ</p>	18 hrs
	<b>PART -B</b>	
2	<p>ಭಾಗ- 02: ಕೃಷಿ</p> <p>1.ಪಾಂಡವರು ಅವರೆ-ಜನಪದ ಮಹಾಭಾರತ</p> <p>2.ಭೂಮಿ ತಾಯಿಯ ಚೊಚ್ಚಲಮಗ-ದ.ರಾ.ಬೇಂದ್ರೆ</p> <p>3.ಕೃಷಿಗೆ ಸಂಬಂಧಿಸಿದ ಸರ್ವಜ್ಞನ ವಚನಗಳು-ಪ್ರೊ ಶಿವರಾಮಯ್ಯ</p> <p>4.ಅನ್ನ-ಹುಲಿಕುಂಟೆ ಮೂರ್ತಿ</p> <p>5.ರೈತನ ದೃಷ್ಟಿ-ಕುವೆಂಪು</p> <p>6.ಅಡಕೆ ಬೆಳೆಗಾರನ ಅಹವಾಲುಗಳು-ಕೆ.ವಿ.ನುಬ್ಬಣ್ಣ</p> <p>7.ಶಿವ ಉತ್ತಿಬಿತ್ತಿದ್ದೇನು-ಜನಪದ ಕತೆ</p> <p>8.ರೈತ ಚಳುವಳಿಯ ಹುಡುಕಾಟ-ಪ್ರೊ.ಹಿ.ಶಿ.ರಾಮಚಂದ್ರೇಗೌಡ</p> <p>9. 'ಭೂ'ದಾನ-ಪಿ.ಸಾಯಿನಾಥ ಅನು ಜಿ.ಎನ್.ಮೋಹನ</p>	18 hrs
	<b>PART- C</b>	
3	<p>ವಾಣಿಜ್ಯ ಪತ್ರಗಳು</p> <p>೧.ವಿಚಾರಣಾ ಪತ್ರ</p> <p>೨.ಬೆಲೆ ಸೂಚನಾ ಪತ್ರ</p> <p>೩.ಅದೇಶ ಪತ್ರ</p> <p>೪.ಕ್ರಯಾದೇಶ ಪತ್ರಗಳು</p> <p>೫.ಉದ್ವರಿ ಪತ್ರಗಳು</p> <p>೬.ವಸೂಲಿ ಪತ್ರ</p> <p>೭.ಅಕ್ಷೇಪಣಾ ಪತ್ರ ಹಾಗೂ ಸಮಾಧಾನ ಪತ್ರಗಳು</p>	14hrs



## Statements of Course Outcomes (COs)

By the end of the course, the student will be able to

CO-1	<p>ಭಾಗ-1 ಪ್ರತೀಕೋಧ</p> <p>ಪ್ರತೀಕೋಧದ ಈ ವಿಭಾಗದಲ್ಲಿ ವರ್ಗದ ಅಂತರವನ್ನೇ ಅಸ್ತವಾಗಿಕೊಂಡು ಮಾಡುವ ಕ್ರಿಯೆ ಮತ್ತು ಅದರ ವಿರುದ್ಧವಾದ ಸಾಂಕೇತಿಕ ಪ್ರತಿಭಟನೆಯ ಆಕೃತಿಯನ್ನು ಪಡೆದಿದೆ. ಕಥೆಯಲ್ಲಿ ಬಂಡವಾಳ ಕೇಂದ್ರಿತ ವ್ಯವಸ್ಥೆಯು ಬಡತನವನ್ನು ಬಂಡವಾಳವಾಗಿಸಿಕೊಂಡು ಬಡವರ ಭವಿಷ್ಯವನ್ನು ಬರಡು ಮಾಡುವ ಹುನ್ನಾರ ಅನಿರ್ಭಾದಿತವಾಗಿ ಮೂರೈಸಿಕೊಳ್ಳುವುದೇ ಕಥೆಯ ವಸ್ತುವಾಗಿದೆ.</p>
CO-2	<p>ಭಾಗ-2 ಕೃಷಿ</p> <p>ಒಕ್ಕಲಿಲ್ಲದ ಊರು, ಮಕ್ಕಳಿಲ್ಲದ ಮನೆಯು ಲೆಕ್ಕಪತ್ರ ಇಡದವನ ವ್ಯವಹಾರ ಇವು ಮೂರು ದುಃಖಕ್ಕೆ ಕಾರಣವಾಗುತ್ತವೆ. ಎಂದರೆ ಊರೆಂದರೆ ಒಕ್ಕಲು ಇರಬೇಕು. ಮನೆ ಎಂದರೆ ಮಕ್ಕಳು ಇರಬೇಕು. ವ್ಯವಹಾರದಲ್ಲಿ ಲೆಕ್ಕಪತ್ರ ಸರಿ ಇರಬೇಕು. ಹೀಗಿದ್ದರೆ ಮಾತ್ರ ಆಂಥ ಸಮಾಜ ಅಭಿವೃದ್ಧಿಯಾಗಬಲ್ಲದು ಎಂಬುದು ಸರ್ವಜ್ಞನ ಅಭಿಪ್ರಾಯ. ಒಕ್ಕಲು ಮಕ್ಕಳು ಇಲ್ಲವಾದರೆ ಅದು ಉರೇ ಅಲ್ಲ ಅದು ಹಾಳೂರು. ಕೃಷಿಯ ಮಹತ್ವವನ್ನು ಕುರಿತು ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಅರಿವು ಮೂಡಿಸುವುದು.</p>
CO-3	<p>ಭಾಗ-3 ಸಂವಹನ</p> <p>ಸಂವಹನ ಪ್ರಕ್ರಿಯೆ ಮಾನವನ ಉಸಿರಿನಷ್ಟೇ ಅನಿವಾರ್ಯ ಮತ್ತು ಅಗತ್ಯತೆಯಿಂದ ಕೂಡಿದೆ.ಸಂವಹನಕ್ಕೆ ಪ್ರಮುಖವಾಗಿರುವ ಮಾಧ್ಯಮವೆ ಭಾಷೆ. ಈ ವಿಭಾಗದಲ್ಲಿ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಸಂವಹನ ಕೌಶಲವನ್ನು ಬೆಳೆಸುವುದು.ಮತ್ತು ಭಾಷೆಯ ಮೇಲೆ ಪ್ರಭುತ್ವ ಬೆಳೆಸುವುದು.</p>

Department of Management & Computer Science Program:

4th SEM – B.com

Subject – Kannada

Syllabus-ನುರಿ ಸ್ವಂದನ-4

2014-2018

UNIT	Content	Hours Allotted
I	ಛಾಂ- 1 ಖದುಕು 1.ವಕನ-ಅಕ್ಕಮಹಾದೇವಿ 2.ಮದಿರೋನ್ನತ್ತರವೊಲಮಹಾಲಾ 3.ಎಸಾದರೂ ಮೂರುತಿರು ತಮ್ಮ 4.ಅ ಅ ಮತ್ತು 5.ಮಂಕುತಿಮ್ಮನ ಕರ್ಗ 6.ಹನುಮಗಲ ಹಂಬಲ 7.ಕನ್ನಡ ಮೌಲ್ಯ 8.ನಮ್ಮ ಅಕತೆಯನ್ನು ಖೀರಲಾರದ ದೇವರು 9.ಮುಕ್ತಿಂ ಕುಡುಲಿಯ ಅಕ್ಕರ ರಾಹ 10.ಕಿವುಡ ನಾಂಖುಯಾದ ಪ್ರಸಂಗ	18
II	ಛಾಂ-2-ಸೌಂದರ್ಯ 1.ಕಂಠಕುಸ್ತುಕೇ ಖಂದಿ ಸೌಂದರ್ಯದ ಕತ್ತರಸತ್ಯ 2.ಎಂ ಪಾಲ್ಕುದೇವಿ ಜೈಲೂ ದೇಶಂ 3.ವರ್ಷ ಜೈರವ-ಕುವೆಂಪು 4.ಸಮಾಧಾನ-ಜಿ.ಪಿ.ರಾಜರತ್ನಂ 5.ಮಗುವಿನ ನಗು 6.ಕದಾಳೇರ್ಭಾಲ್ಯಮ 7.ಸಾಪೋಲ್ಲದ ನನ್ನ ಗುಣ	18
III	ಛಾಂ-3 ಸಂವಹನ ಅಧ್ಯಾಯ-1 1.ಸಂವಹನದ ಪರಿಕಲ್ಪನೆ 2.ಸಂವಹನದ ಅರ್ಥ,ಅಗತ್ಯ 3. ಸಂವಹನ ಪರಂಪರೆ 4.ಪರಿಣಾಮಕಾರಿ ಸಂವಹನ ಹೇಗೆ?	05
IV	ಅಧ್ಯಾಯ-2 1.ಕಂಠಕುಸ್ತುಕ ಮತ್ತು ಕನ್ನಡ 2.ಕಂಠಕುಸ್ತುಕದ ಮೂಲಕ ಕನ್ನಡದ ಪ್ರಸಾರ 3.ಇ-ಮಾಧ್ಯಮ 4.ಫೇಸ್ ಬುಕ್ ಸಾಹಿತ್ಯ	05

V	<p>ಅಧ್ಯಾಯ-3 ಭರವಸೆಯ ಬದುಕು 2.ನಂದರ್ಲನವೆಂಬ ಅಲ್ಪ ಪರೀಕ್ಷೆ 3.ಸ್ವ ಉದ್ಯೋಗಕ್ಕೆ ತೆರೆದ ಹೆಬ್ಬಾಗಿಲು 4.ಕಾರ್ಯಕ್ರಮ ಸಂಯೋಜನೆ 5.ಭಾಷಣ ಕಲೆ</p>	05
---	--	----

### Statements of Course Outcomes (COs)

By the end of the course, the student will be able

CO-1	ಬದುಕಿನ ವಿವಿಧ ಮುಖಗಳನ್ನು ಪರಿಚಯಿಸುವ ಮೂಲಕ ಅವರಲ್ಲಿ ಬದುಕಿನ ಬಗ್ಗೆ ವಿಶ್ವಾಸ, ಭರವಸೆಯನ್ನು ಮೂಡಿಸುವುದು. ನಮ್ಮಲ್ಲಿರುವ ಜವಾಬ್ದಾರಿಯಾಗಿದೆ.ಅವರಲ್ಲಿ ಅತ್ಯವಿಶ್ವಾಸವನ್ನು ಮೂಡಿಸಿ,ಸಮಾಜಮುಖಗಳನ್ನಾಗಿಸುವುದು.
CO-2	ನಮ್ಮ ಕಲೆ, ಸಾಹಿತ್ಯ ಮುಂತಾದ ಸಾಂಸ್ಕೃತಿಕ ಪರಂಪರೆಗಳು ಕಟ್ಟಿಕೊಂಡು ಸೌಂದರ್ಯಾಸುಭೂತಿಯ ವೈವಿಧ್ಯತೆಯನ್ನು ಪರಿಚಯಿಸುವುದು ಈ ಭಾಗದ ಪ್ರಮುಖ ಉದ್ದೇಶ. ಇಲ್ಲಿ ಪ್ರಕೃತಿ ಸೌಂದರ್ಯ, ಮಾನಸಿಕ ಸೌಂದರ್ಯ, ವೈದ್ಯಕ ಸೌಂದರ್ಯ, ಭಾಷಾ ಸೌಂದರ್ಯ, ಹಾಗೂ ಪ್ರಕೃತಿಯ ಸೌಂದರ್ಯದ ಮೂಲಕ ಅಧ್ಯಾತ್ಮಿಕ ಸೌಂದರ್ಯದ ಕಡೆ ನೋಡುವ ಕೆಲವು ಪದ್ಯಗಳಿವೆ.
CO-3	ಪ್ರಸ್ತುತ ಜಾಗತಿಕರಣ ಸಂದರ್ಭದಲ್ಲಿ ಭಾಷೆಯ ಮಹತ್ವ ಹಿಂದೆಂದಿಗಿಂತಲೂ ಮುಖ್ಯವಾಗಿದೆ.ಕನ್ನಡ ಭಾಷೆ ಪ್ರಪಂಚದ ವಿವಿಧ ಭಾಷೆಗಳೊಂದಿಗೆ ಮುಖಾಮುಖಿಯಾಗುವ ಈ ಸಂದರ್ಭದಲ್ಲಿ ಕಲಾತ್ಮಕ ಪರಿಣಾಮಕಾರಿ ಸಂವಹನ ಸಾಧ್ಯತೆಗಳನ್ನು ಈ ಸಂದರ್ಭದಲ್ಲಿ ರೂಢಿಸಿಕೊಳ್ಳಬೇಕಾಗಿದೆ. ಈ ರೀತಿ ಸಂವಹನ ಶೌಕಲವನ್ನು ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಬೆಳೆಸುವುದು.

**I SEM – Bcom / BBA**

**Subject – ENGLISH**  
**Syllabus**

<b>UNIT</b>	<b>Content - Prose</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Unit 1 – Not Just Oranges</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the chapter.	<b>04</b>
<b>II</b>	<b>Unit 2 – The Luncheon</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the chapter.	<b>03</b>
<b>III</b>	<b>Unit 3 – What Makes People Unhappy</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the chapter.	<b>04</b>
<b>IV</b>	<b>Unit 4 – What is Science</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the chapter.	<b>03</b>
<b>V</b>	<b>Unit 5 – The Englishman and The Russian</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the chapter.	<b>04</b>
	<b>Content - Poetry</b>	
<b>I</b>	<b>Unit 1 – The Road Not Taken</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the poem.	<b>02</b>
<b>II</b>	<b>Unit 2 – Chimney Sweeper (songs of experience)</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the poem.	<b>02</b>
<b>III</b>	<b>Unit 3 – A Request</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the poem.	<b>03</b>
<b>IV</b>	<b>Unit 4 – The Seven Ages of Man</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the poem.	<b>02</b>
<b>V</b>	<b>Unit 5 – Go and Catch a Falling Star</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the poem.	<b>03</b>
	<b>Content – Grammar</b>	
<b>I</b>	<b>Unit 1</b> – Reading comprehension, be-d-have forms, subject verb agreement	<b>06</b>
<b>II</b>	<b>Unit 2</b> – Be-d-have forms, subject verb agreement	<b>04</b>
<b>III</b>	<b>Unit 3</b> – Articles	<b>03</b>

<b>IV</b>	<b>Unit 4 – Tenses, Dialogue writing</b>	<b>05</b>
-----------	--	-----------

**Statements of Course Outcomes (COs)**

**By the end of the course, the student will be able**

<b>CO-1</b>	<b>Prose</b> – It helps the students to understand the importance of storytelling and also to think in a rational way.
<b>CO-2</b>	<b>Poetry:</b> It helps them to understand the importance of poetry writing. It encourages them to cultivate reading habits.
<b>CO-3</b>	<b>Grammar:</b> It helps the students to understand the language in basic level and also clears their doubts. It enhances their speaking, reading, writing and listening skills.

**II SEM – BCOM / BBA**

**Subject – ENGLISH**

<b>UNIT</b>	<b>Content - Prose</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Unit 1 – The Cabuliwallah</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the chapter.	<b>04</b>
<b>II</b>	<b>Unit 2 – Pret in the House</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the chapter.	<b>03</b>
<b>III</b>	<b>Unit 3 – Dangers of Drug Abuse</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the chapter.	<b>04</b>
<b>IV</b>	<b>Unit 4 – Film Making</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the chapter.	<b>04</b>
<b>V</b>	<b>Unit 5 – Hagar : A Story of a Woman and Water</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the chapter.	<b>03</b>
	<b>Content - Poetry</b>	
<b>I</b>	<b>Unit 1 – To autumn</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the poem.	<b>02</b>
<b>II</b>	<b>Unit 2 – She Dwelt Among The Untrodden Ways</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the poem.	<b>02</b>
<b>III</b>	<b>Unit 3 – Ozymandias</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the poem.	<b>03</b>
<b>IV</b>	<b>Unit 4 – The Patriot</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the poem.	<b>02</b>
<b>V</b>	<b>Unit 5 – I Know Why the Caged Bird Sings</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the poem.	<b>03</b>
	<b>Content – Grammar</b>	
<b>I</b>	<b>Unit 1 –</b> Reading comprehension, Vocabulary	<b>03</b>
<b>II</b>	<b>Unit 2 –</b> Interrogative sentence	<b>04</b>
<b>III</b>	<b>Unit 3 –</b> Active voice and Passive voice	<b>06</b>
<b>IV</b>	<b>Unit 4 –</b> Negative sentences, Prepositions, Correction of sentences.	<b>05</b>

### Statements of Course Outcomes (COs)

**By the end of the course, the student will be able**

<b>CO-1</b>	<b>Prose</b> – It helps the students to understand the importance of storytelling and also to think in a rational way. It also develops consciousness in them regarding things happening in the society and also about what is right and what is wrong.
<b>CO-2</b>	<b>Poetry:</b> It helps them to understand the importance of poetry writing. It encourages them to cultivate reading habits.
<b>CO-3</b>	<b>Grammar:</b> It helps the students to understand the language in basic level and also clears their doubts. It enhances their speaking, reading, writing and listening skills.

**III SEM – BBA / BCom**  
**Subject – ENGLISH**  
**Syllabus**

<b>UNIT</b>	<b>Content - Prose</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Unit 1 – Just One Word</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the chapter.	<b>04</b>
<b>II</b>	<b>Unit 2 – The Lament</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the chapter.	<b>03</b>
<b>III</b>	<b>Unit 3 – Playing The English Gentleman</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the chapter.	<b>04</b>
<b>IV</b>	<b>Unit 4 – The Worship of The Wealthy</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the chapter.	<b>04</b>
<b>V</b>	<b>Unit 5 – The Pot Maker</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the chapter.	<b>03</b>
	<b>Content - Poetry</b>	
<b>I</b>	<b>Unit 1 – The Tables Turned</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the poem.	<b>02</b>
<b>II</b>	<b>Unit 2 – Green</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the poem.	<b>02</b>
<b>III</b>	<b>Unit 3 – On Killing a Tree</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the poem.	<b>03</b>
<b>IV</b>	<b>Unit 4 – The Pulley</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the poem.	<b>02</b>
<b>V</b>	<b>Unit 5 – The Lat Will of a Dalit Poet</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the poem.	<b>03</b>
	<b>Content – Grammar</b>	
<b>I</b>	<b>Unit 1 – Application for a job with CV preparation</b>	<b>03</b>
<b>II</b>	<b>Unit 2 – Report writing on college events</b>	<b>04</b>
<b>III</b>	<b>Unit 3 – email letters – enquiry and reply, placing an order, complaints</b>	<b>06</b>



<b>IV</b>	<b>Unit 4 – column writing on contemporary themes</b>	<b>05</b>
-----------	---	-----------

**Statements of Course Outcomes (COs)**

**By the end of the course, the student will be able**

<b>CO-1</b>	<b>Prose</b> – It helps the students to understand the importance of storytelling and also to think in a rational way. It also develops consciousness in them regarding things happening in the society and also about what is right and what is wrong.
<b>CO-2</b>	<b>Poetry:</b> It helps them to understand the importance of poetry writing. It encourages them to cultivate reading habits.
<b>CO-3</b>	<b>Grammar:</b> It helps the students to understand the language in basic level and also clears their doubts. It enhances their speaking, reading, writing and listening skills. It also helps in developing vocabulary.

**IV SEM – BBA / BCom**  
**Subject – ENGLISH**  
**Syllabus**

<b>UNIT</b>	<b>Content - Play</b>	<b>Hours Allotted</b>
<b>I</b>	<b>Unit 1 – The Refund</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the play.	<b>04</b>
<b>II</b>	<b>Unit 2 – The Dear Departed</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the play.	<b>03</b>
<b>III</b>	<b>Unit 3 – Never, Never Nest</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the play.	<b>04</b>
<b>IV</b>	<b>Unit 4 – The Burden</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the play.	<b>04</b>
	<b>Content – Grammar</b>	
<b>I</b>	<b>Unit 1</b> – Report writing	<b>02</b>
<b>II</b>	<b>Unit 2</b> – Letter to the Editor on Civic Problems	<b>04</b>
<b>III</b>	<b>Unit 3</b> – Notice, agenda, minutes of meeting	<b>04</b>
<b>IV</b>	<b>Unit 4</b> – Soft skills and Interview skills	<b>03</b>
<b>V</b>	<b>Unit 5-</b> Summarizing a Dialogue	<b>02</b>
<b>VI</b>	<b>Unit 6-</b> Everyday expressions	<b>03</b>

**Statements of Course Outcomes (COs)**

**By the end of the course, the student will be able**

<b>CO-1</b>	<b>Play</b> – It helps the students to understand the importance of storytelling and also to think in a rational way. It also develops consciousness in them regarding things happening in the society and also about what is right and what is wrong.
<b>CO-2</b>	<b>Grammar:</b> It helps the students to understand the language in basic level and also clears their doubts. It enhances their speaking, reading, writing and listening skills. It also helps in developing vocabulary.



**I SEM - BCA**
**Subject – ENGLISH**  
**Syllabus 2020-21**

UNIT	Content - Prose	Hours Allotted
I	<b>Unit 1 - Gift of The Magi</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the chapter.	04
II	<b>Unit 2 - Half a Rupee Worth</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the chapter.	03
III	<b>Unit 3 - The Model Millionier</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the chapter.	04
IV	<b>Unit 4 – All About a Dog</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the chapter.	03
V	<b>Unit 5 – The Child</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the chapter.	04
	<b>Content - Poetry</b>	
I	<b>Unit 1 – Where the Mind is Without Fear</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the poem.	02
II	<b>Unit 2 – Daffodils</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the poem.	02
III	<b>Unit 3 – The Slave Auction</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the poem.	03
IV	<b>Unit 4 – A Noiseless Patient Spider</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the poem.	02
V	<b>Unit 5 – I Felt A Funeral in my Brain</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the poem.	03
	<b>Content – Grammar</b>	
I	<b>Unit 1 – Reading comprehension, be-d-have forms, subject verb agreement</b>	06
II	<b>Unit 2 – Be-d-have forms, subject verb agreement</b>	04
III	<b>Unit 3 – Articles</b>	03
IV	<b>Unit 4 – Tenses, Dialogue writing</b>	05

---

---

### Statements of Course Outcomes (COs)

By the end of the course, the student will be able to

CO-1	<b>Prose</b> – It helps the students to understand the importance of storytelling and also to think in a rational way.
CO-2	<b>Poetry:</b> It helps them to understand the importance of poetry writing. It encourages them to cultivate reading habits.
CO-3	<b>Grammar:</b> It helps the students to understand the language in basic level and also clears their doubts. It enhances their speaking, reading, writing and listening skills.

**II SEM - BCA**

**Subject – ENGLISH**  
**Syllabus 2016-2020**

UNIT	Content - Prose	Hours Allotted
I	<b>Unit 1 – The Purloined Letter</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the chapter.	04
II	<b>Unit 2 – The Chipko Women's Concept of Freedom</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the chapter.	03
III	<b>Unit 3 – The Rise and Fall of the Bilingual Intellectual</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the chapter.	04
IV	<b>Unit 4 – The Eyes Are Not Here</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the chapter.	03
V	<b>Unit 5 – The World Renowned Nose</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the chapter.	04
	<b>Content - Poetry</b>	
I	<b>Unit 1 – Father Returning Home</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the poem.	02
II	<b>Unit 2 – Search For my Tongue</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the poem.	02
III	<b>Unit 3 – Africa</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the poem.	03
IV	<b>Unit 4 – Ecology</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the poem.	02
V	<b>Unit 5 – The chimney Sweeper</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the poem.	03
	<b>Content – Grammar</b>	
I	<b>Unit 1 – Reading comprehension, Vocabulary</b>	03
II	<b>Unit 2 – Interrogative sentence</b>	04
III	<b>Unit 3 – Active voice and Passive voice</b>	06
IV	<b>Unit 4 – Negative sentences, Prepositions, Correction of sentences.</b>	05

---

### Statements of Course Outcomes (COs)

By the end of the course, the student will be able to

CO-1	<b>Prose</b> – It helps the students to understand the importance of storytelling and also to think in a rational way. It also develops consciousness in them regarding things happening in the society and also about what is right and what is wrong.
CO-2	<b>Poetry:</b> It helps them to understand the importance of poetry writing. It encourages them to cultivate reading habits.
CO-3	<b>Grammar:</b> It helps the students to understand the language in basic level and also clears their doubts. It enhances their speaking, reading, writing and listening skills.

**III SEM – BCA / BSc**

**Subject – ENGLISH**

**Syllabus 2020-21**

UNIT	Content - Prose	Hours Allotted
I	<b>Unit 1 – An Exposure to Naturalism</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the chapter.	04
II	<b>Unit 2 – Shooting an Elephant</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the chapter.	03
III	<b>Unit 3 – Energy Crisis</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the chapter.	04
IV	<b>Unit 4 – Annaiah's Anthropology</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the chapter.	04
V	<b>Unit 5 – Marriages are Made in Heaven</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the chapter.	03
	<b>Content - Poetry</b>	
I	<b>Unit 1 – Mother</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the poem.	02
II	<b>Unit 2 – On His Blindness</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the poem.	02
III	<b>Unit 3 – The World is Too Much With Us</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the poem.	03
IV	<b>Unit 4 – Birches</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the poem.	02
V	<b>Unit 5 – Journey of The Magi</b> Introduction about the writer. Social and political background of the time it was written. Detail explanation of the poem.	03
	<b>Content – Grammar</b>	
I	<b>Unit 1 – Report writing</b>	02
II	<b>Unit 2 – Letter to the Editor on Civic Problems</b>	04
III	<b>Unit 3 – Notice, agenda, minutes of meeting</b>	04
IV	<b>Unit 4 – Soft skills and Interview skills</b>	03
V	<b>Unit 5- Summarizing a Dialogue</b>	02



VI	Unit 6- Everyday expressions	03
----	------------------------------	----

**Statements of Course Outcomes (COs)**

**By the end of the course, the student will be able to**

CO-1	<b>Prose</b> – It helps the students to understand the importance of storytelling and also to think in a rational way. It also develops consciousness in them regarding things happening in the society and also about what is right and what is wrong.
CO-2	<b>Poetry:</b> It helps them to understand the importance of poetry writing. It encourages them to cultivate reading habits.
CO-3	<b>Grammar:</b> It helps the students to understand the language in basic level and also clears their doubts. It enhances their speaking, reading, writing and listening skills. It also helps in developing vocabulary.

**IV SEM BCA / BSc**

**Subject – ENGLISH**  
**Syllabus**

UNIT	Content - Play	Hours Allotted
I	Othello	30
	Content – Grammar	
I	Unit 1 – Application for a job with CV preparation	03
II	Unit 2 – Report writing on college events	04
III	Unit 3 – email letters – enquiry and reply, placing an order, complaints	06
IV	Unit 4 – column writing on contemporary themes	05

**Statements of Course Outcomes (COs)**

**By the end of the course, the student will be able to**

CO-1	<b>Play</b> – It helps the students to understand the importance of storytelling and also to think in a rational way. It also develops consciousness in them regarding things happening in the society and also about what is right and what is wrong.
CO-2	<b>Grammar:</b> It helps the students to understand the language in basic level and also clears their doubts. It enhances their speaking, reading, writing and listening skills. It also helps in developing vocabulary.

**Department of Computer Science:**

**4th SEM – BCA/BSC**

**Subject - Hindi**  
**Syllabus-2020-2021**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I.1</b>	एकांकी –कुंज एकांकी १:तांबे के कीड़े एकांकीकार:श्री भुवनेश्वर प्रसाद	<b>3</b>
<b>1.2</b>	एकांकी –कुंज एकांकी २:दो कलाकार एकांकीकार:श्री भगवतीचरण वर्मा	<b>3</b>
<b>1.3</b>	एकांकी –कुंज एकांकी ३ राजारानी सीता एकांकीकार:श्री रामकुमार वर्मा	<b>3</b>
<b>1.4</b>	एकांकी –कुंज एकांकी ४:शिवाजी का सच्चा स्वरूप एकांकीकार:श्री सेठ गोविंद दास	<b>3</b>
<b>1.5</b>	एकांकी –कुंज एकांकी :५. एक दिन एकांकीकार:श्री लक्ष्मी नारायण मिश्र	<b>3</b>
<b>1.6</b>	एकांकी –कुंज एकांकी ६:मां एकांकीकार:श्री विष्णु प्रभाकर	<b>3</b>
<b>1.7</b>	एकांकी –कुंज एकांकी ७:घोसले एकांकीकार:श्री जगदीशचन्द्र माथुर	<b>3</b>
<b>1.8</b>	एकांकी –कुंज एकांकी ८:सूखी डाली एकांकीकार: श्री उपेन्द्रनाथ अशक	<b>3</b>
<b>1.9</b>	एकांकी –कुंज एकांकी ९:शेरशाह एकांकीकार: आचार्य देवेन्द्रनाथ शर्मा	<b>3</b>

<b>II</b>	पारिभाषिक अनुवाद	10
<b>III</b>	पत्र लेखन –सरकारी पत्र, वाणिज्य पत्र।	20

### Statements of Course Outcomes (COs)

By the end of the course, the student will be able to

Course No	Course Out come
<b>1.1</b>	पारिवारिक समस्याओं को समाधान और समझौता करना समझ लिया।
<b>1.2</b>	प्रतिभा की हालत और समय के अनुसार जीने पर ध्यान आकृष्ट किये।
<b>1.3</b>	कष्ट सहिष्णुता तथा संकटों में अधीर होने के प्रति विचार किये।
<b>1.4</b>	व्यक्तित्व का महत्व तथा देश प्रेम पर ध्यान आकृष्ट किये।
<b>1.5</b>	भारतीय आदर्श और नारी सामर्थ्य के झलक के प्रमाण लिया।
<b>1.6</b>	माँ की ममता, दया के प्रति सम्मान भाव प्रस्तुत किया।
<b>1.7</b>	सुरक्षाता का भाव महसूस किया।
<b>1.8</b>	एकता में बल है, संयुक्त परिवार राष्ट्र की एकता का प्रतीक मान लिया।
<b>1.9</b>	मोगल साम्राट का परिचय लिया।
<b>II</b>	अंग्रेजी शब्दों को हिन्दी में तथा हिन्दी शब्दों को अंग्रेजी में अनुवाद करना सीख लिये।
<b>III</b>	सरकारी तथा वाणिज्य संबंधी विविध पत्र लिखने सीख लिये।

## Department of Computer Science:

I SEM – BBA/BCA

Subject - Hindi  
Syllabus-2016

UNIT	Content	Hours Allotted
1.1	गद्य पूर्णिमा, निबंध –परिचय–उद्भव,विकास, तत्व । शिक्षा प्रधान निबंध – मित्रता निबंधकार: आचार्य रामचंद्र शुक्ल	3
1.2	गद्य पूर्णिमा, सांस्कृतिक निबंध सभ्यता का रहस्य निबंधकार प्रेमचंद	3
1.3	गद्य पूर्णिमा, परामर्श– योग्यता और व्यवसाय का चुनाव परामर्शकार विश्वम्भरनाथा माधव राव सप्रे	3
1.4	गद्य पूर्णिमा, रेखाचित्र – प्रथम भेट–अंतिम भेंट रेखाचित्रकार महादेवी वर्मा	3
1.5	गद्य पूर्णिमा, जीवन अंश– धरती और धान लेखक:पाडेय बेचन शर्मा'उग्र'जी	3
1.6	गद्य पूर्णिमा, सम्बोधन– युवाओं से लेखक: स्वामी विवेकानन्द जी	3
1.7	गद्य पूर्णिमा, व्यंग्य→राजनीति का बंटवारा व्यंग्यकार हरिशंकर परसाई	3
1.8	गद्य पूर्णिमा, कहानी– चीफ़ की दावत कहानीकार भीष्म सहानी	3
2.1	व्याकरण अ. वर्ण विचार– स्वर,व्यंजन	3
2.2	व्याकरण ई. शब्द विचार	4

2.3	व्याकरण संज्ञा, सर्वनाम, विशेषण	4
2.4	व्याकरण उ. लिंग, परिभाषा प्रकार, लिंग परिवर्तन के नियम	4
2.5	व्याकरण ऊ. वचन , परिभाषा,प्रकार,वचन परिवर्तन के नियम कारक,	4
3	. सामान्य निबंध अ.राष्ट्रभाषा हिन्दी, जनसंख्या विस्फोट , पर्यावरण, प्रिय खेल, प्रिय शिक्षक, समय का सधुपयोग	7

### Statements of Course Outcomes (COs)

By the end of the course, the student will be able to

Course No	Course Outcome
1	मित्रता क महत्व समझलियो।
1.2	सभ्यता का लक्षण सीख लियो।
1.3	व्यवसाय के लिए चाहे योग्यता समझ लियो।
1.4	स्त्री के कष्टों के यतार्थ का महसूस कियो।
1.5	मां के प्रति गर्व का महसूस किया।
1.6	युवाओं का कर्तव्य पर सजग रहे।
1.7	राजनीति का असर से प्रभावित हुए।
1.8	त्याग और सेवा से प्रभावित हुए
2.1	हिन्दी वर्णमाल से पूर्ण परिचित हुए।
2.2	शब्द विचार से आनेक भाषा के शब्दों से परिचित हुए।
2.3	संज्ञा, सर्वनाम के उपयोग समझलियो।
2.4	हिन्दी में लिंग भेद तथा परिवर्तन सीख लियो।

<b>2.5</b>	वचन और परिवर्तन का ज्ञान पाये।
<b>3</b>	सामान्य निबंध के विचारों पर ध्यान दिये।

**Department of Computer Science:**

**II SEM – BBA/BCA**

**Subject - Hindi  
Syllabus 2016**

<b>UNIT</b>	<b>Content</b>	<b>Hours Allotted</b>
<b>I.1</b>	हिन्दी कहानी- कथा श्री संकलन कहानी-पुरस्कार कहानीकार: जयशंकर प्रसाद	<b>3</b>
<b>1.2</b>	कहानी- कफ़न कहानीकार प्रेमचंद	<b>3</b>
<b>1.3</b>	कहानी- ताई कहानीकार विश्वम्भरनाथ कौशिक जी का परिचय,	<b>3</b>
<b>1.4</b>	कहानी- हार की जीत कहानीकार सुदर्शन जी का परिचय	<b>3</b>
<b>1.5</b>	कहानी- निरापद कहानीकार यशपाल	<b>3</b>
<b>1.6</b>	कहानी- 6 वापसी कहानीकार उषा प्रियाम्बदा	<b>3</b>
<b>1.7</b>	कहानी- अकेली कहानीकार मन्नू भण्डारी	<b>3</b>
<b>2.1</b>	व्याकरण क्रिया-परिभाषा और भेद।	<b>4</b>
<b>2.2</b>	व्याकरण काल-परिभाषा-प्रकार	<b>4</b>
<b>2.3</b>	व्याकरण वाच्य-परिभाषा और भेद	<b>4</b>
<b>2.4</b>	व्याकरण क्रिया विशेषण-परिभाषा-प्रकार	<b>4</b>
<b>2.5</b>	व्याकरण संबंधबोधक -परिभाषा-प्रकार	<b>4</b>



2.6	व्याकरण समुच्चयाबोधक –परिभाषा-प्रकार विस्मयादिबोधक-परिभाषा-प्रकार।	4
2.7	समास-परिभाषा-प्रकार	4
2.8	उपसर्ग- परसर्ग परिभाषा-प्रकार	4

### Statements of Course Outcomes (COs)

By the end of the course, the student will be able to

Course No	Course Outcome
I.1	आत्मसंज्ञान का मूल्य समझ लिये।
1.2	गरीबी और आलस्य का दुष्परिणाम के बारे में समझलिये।
1.3	मृत्यु भाव और निसंतान नारी की मनोविज्ञान के बारे में चर्चा किये।
1.4	त्याग का महत्व पर आकर्षित हुए।
1.5	कर्तव्य के प्रति सजग हुए।
1.6	निस्वार्थ सेवा करनेवालों के प्रति उपेक्षा भाव देखकर करुणा व्यक्त किये।
1.7	अकेली स्त्री का संघर्ष तथा साहस से प्रेरित हुए।
2.1	व्याकरण भाग से क्रिया के बारे में जान लिये।
2.2	व्याकरण भाग से काल के बारे में जान लिये।
2.3	व्याकरण भाग से वाच्य के बारे में जान लिये।
2.4	व्याकरण भाग से क्रिया विशेषण के बारे में जान लिये।
2.5	व्याकरण भाग से अव्यय से संबंध बोधक के बारे में जान लिये।
2.6	व्याकरण भाग से समुच्चयाबोधक – विस्मयादिबोधक के बारे में जान लिये।
2.7	व्याकरण भाग से समास के बारे में जान लिये।
2.8	व्याकरण भाग से उपसर्ग-परसर्ग के बारे में जान लिये।



**Department of Computer Science:**

III **SEM** – BBA/BCA

**Subject - Hindi**  
**Syllabus-2016**

UNIT	Content	Hours Allotted
I.1	कथा साहित्य कहानी, कफ़न- प्रेमचन्द का परिचय	3
1.2	कथा साहित्य कहानी, फ़ैसला-भीष्म साहनी का परिचय	3
1.3	कथा साहित्य कहानी, दोपहर का भोजन-अमरकान्त का परिचय	3
1.4	कथा साहित्य कहानी, पंचलाइट-फ़णीश्वरनाथ रेणु का परिचय	3
1.5	कथा साहित्य कहानी, अपरिचित- मोहन राकेश का परिचय	3
1.6	कथा साहित्य कहानी, कस्बे का आदमी- कमलेश्वर का परिचय	3
1.7	कहानी, घर की तलाश-राजेन्द्र यादव का परिचय	3
II	सैद्धांतिक:अनुवाद	19
III	प्रायोगिक:अनुवाद	11

**Statements of Course Outcomes (COs)**

By the end of the course, the student will be able to

Course No	Course Outcome
1.1	आलसीपन का बुरा हाल का मेहसूस किया। गरीबों के प्रति दया भाव जागृत हुआ

<b>1.2</b>	सरकारी दफ्तरों में फ़ैलों के महत्व जान लिये। ईमन्दारी के प्रति गर्व का महसूस किये।
<b>1.3</b>	बेरोजगारी का दुष्परिणाम जान लिया।
<b>1.4</b>	गाँव का चित्रण और वहाँ के लोगों के मासूमित पर आकर्षित हुए।
<b>1.5</b>	पारिवार और मेहमान का स्त्कार के बारे में जान लिये।
<b>1.6</b>	अनेक दंदा रोजगार से परिचित हुए।

**Department of Computer Science:**4 **SEM – BBA/BCA****Subject - Hindi**  
**Syllabus 2016**

UNIT	Content	Hours Allotted
<b>I</b>	हिन्दी उपन्यास साहित्य उपन्यासकार– भगवतीचरण वर्मा का परिचय उपन्यास–थके पाँव	<b>25</b>
<b>2</b>	प्रयोजनमूलक हिन्दी का अर्थ, परिभाषा, स्वरूप सीख लिये।	<b>3</b>
<b>2.1</b>	प्रयोजनमूलक हिन्दी और सामान्य हिन्दी	<b>3</b>
<b>2.2</b>	प्रयोजनमूलक हिन्दी ; राजभाषा हिन्दी– अर्थ, परिभाषा, स्वरूप और विशेषताएँ	<b>3</b>
<b>2.3</b>	प्रयोजनमूलक हिन्दी ; संपर्कभाषा– अर्थ, परिभाषा, स्वरूप और विशेषताएँ	<b>3</b>
<b>2.4</b>	प्रयोजनमूलक हिन्दी ; आलेखन– अर्थ, परिभाषा, स्वरूप और विशेषताएँ ।	<b>3</b>
<b>2.5</b>	प्रयोजनमूलक हिन्दी ; टिप्पण-- अर्थ, परिभाषा, स्वरूप और विशेषताएँ	<b>3</b>
<b>2.6</b>	सारलेखन– अर्थ, परिभाषा, स्वरूप और विशेषताएँ	<b>3</b>
<b>3.1</b>	पत्र लेखन:–वाणिज्य पत्र आ. परिपत्र, बैंक बीमा नौकरी संबंधी पत्र ।	<b>6</b>
<b>3.2</b>	पत्र लेखन:–प्रशासनिक पत्र अ.कार्यालय घापन, कार्यालय आदेश, औपचारिक ग्नापन, अनुस्मारक, अर्ध सरकारी पत्र और पृष्ठांकन, अधिसूचना, संकल्प।	<b>6</b>

**Statements of Course Outcomes (COs)****By the end of the course, the student will be able to**

<b>Course No</b>	<b>Course Outcome</b>
<b>1</b>	हिन्दी उपन्यास साहित्य उपन्यासकार – भगवतीचरण वर्मा का परिचय उपन्यास – उनके पाँच
<b>2</b>	प्रयोजनमूलक हिन्दी का अर्थ, परिभाषा, स्वरूप सीख लिये।
<b>2.1</b>	राजभाषा हिन्दी के बारे में जानकारी हासिल किये।
<b>2.2</b>	संपर्कभाषा – अर्थ, परिभाषा, स्वरूप और विशेषताएँ का महत्व समझ लिये।
<b>2.3</b>	आलेखन – का उपयोग समझ लिये।
<b>2.4</b>	टिप्पण का इस्तेमाल क्षेत्र जान लिये।
<b>3.1</b>	वाणिज्य पत्र के विविध प्रकार पत्र लिखना सीख लिये।
<b>3.2</b>	प्रशासनिक पत्र लिखना और उसके इस्तेमाल करने में रुचि दिखाये।

<b>1.7</b>	लालच स्वभाव का दुष्परिणाम की कल्पना से सबक सीख लिये।
<b>II</b>	सैद्धांतिक अनुवाद के महत्व और आदि विचारों का जानकारी लिया।
<b>III</b>	अनुवाद करने की प्रक्रिया प्रायोगिक रूप से सीख लिया।



# **PES Institute of Advanced Management Studies**

**NH-206, Sagar Road, Shivamogga**

## **Program Outcomes (PO)**

<b>PO1</b>	<b>Critical Thinking</b>	Take informed actions after identifying the assumptions that frame our thinking and actions, checking out the degree to which these assumptions are accurate and valid, and looking at our ideas and decisions (intellectual, organizational, and personal) from different perspectives.
<b>PO2</b>	<b>Effective Communication</b>	Speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.
<b>PO3</b>	<b>Social Interaction</b>	Elicit views of others, mediate disagreements and help reach conclusions in group settings.
<b>PO4</b>	<b>Effective Citizenship</b>	Demonstrate empathetic social concern and equity centred national development, and the ability to act with an informed awareness of issues and participate in civic life through volunteering.

**Principal**

PES Institute of Advanced Management Studies  
NH 206, Sagar Road  
SHIVAMOGGA-577 204.



<b>PO5</b>	<b>Ethics</b>	Recognize different value systems including your own, understand the moral dimensions of your decisions, and accept responsibility for them.
<b>PO6</b>	<b>Environment and Sustainability</b>	Understand the issues of environmental contexts and sustainable development.
<b>PO7</b>	<b>Self-directed and Life-long Learning</b>	Acquire the ability to engage in independent and life-long learning in the broadest context socio-technological changes

**Principal**

PES Institute of Advanced Management Studies  
NH 206, Sagar Road  
SHIVAMOGGA-577 204.