

**St. Joseph's College of Commerce (Autonomous)
163, Brigade Road, Bangalore - 560 025**

**Assessed and Re-Accredited with 'A' Grade by the National
Assessment and Accreditation Council (NAAC)**

**Recognized by the UGC as
College with Potential for Excellence**



Bachelor of Commerce

Syllabus : 2014 - 2015

**Courses having focus on
Employability/ Entrepreneurship/
Skill development**

SEMESTER - I
C1 13 101: FINANCIAL ACCOUNTING

Objectives:

To acquaint students with Accounting Concepts through case study method and to create an awareness about the working in Computerized Environment.

Module 1 - Mechanics of Accounting **15 Hrs**

Introduction; Accounting equation – Case Study Method; Accounting Rules; Capital and Revenue items; Accounting Principles (Concepts and Convention); Brief Introduction to Indian accounting standards, US GAAP and IFRS .

Module 2 - Preparation of Financial Statement **15 Hrs.**

Journal, Ledger, Trial Balance and Final Accounts – Simultaneously along with rectification (Ex: before and after preparing trial balance, before and after preparing balance sheet etc.), Final Accounts of Sole proprietorship and Partnership

Module 3 - Accounting for Current Assets and Current Liabilities **15 Hrs**

Accounts Payable – Trade creditors; Amount payable to Employees, Customers, and Suppliers; Accounting treatment of Accounts Payable.

Inventory- Stock Valuation and accounting treatment as per Ind AS 2 & IFRS & - LIFO, FIFO & weighted average

Accounts Receivable – Accounts receivable; Revenue Recognition as per I Ind AS 18 & IFRS &; Bad Debts; Provision for Bad and Doubtful Debts; Accounting treatment of Accounts Receivable.

Module 4- Accounting for fixed Assets **15 Hrs**

Acquisition of Fixed Assets; determination of Cost; Depreciation Method as per Ind AS 16 & IFRS Straight line method, written down value method and block asset method as per IT act; Disposal of Fixed Assets; Accounting for Intangible assets; difference between Intangible and Fictitious assets –Journal entries – Accounting Treatment as per the IFRS

Module 5-Accounting for Hire Purchase **15 Hrs**

Meaning- ownership transferability- Accounting entries in the books of hire buyer and hire vendor.

Skill Development:

(These activities are only indicative, the Faculty member can innovate)

1. Find out the practical benefits of using Tally.
2. Collection and recording of Hire Purchase Agreement
3. Arrangement of Mock situation to value the stock.
4. Accounting Concepts and Conventions – its applications by firms.
5. Find out from customers: Which is superior – Hire Purchase or Installment Purchase System.
6. Discuss the problems of using Computer for Accounting.

7. Choose a Company which follows hire purchase system and analyse their statement and comment on the process of collecting the installments and conduct a detailed study.
8. Undertake a study of AS-6 – depreciation accounting. Calculation of depreciation, changes in depreciation method, disclosure in the balance sheet, etc. Analyse the balance sheet of three companies and comment on the applicability of this accounting standard.

Books for Reference:

- ❖ Robert N Anthony, David F Hawkins and Kenneth A Merchant :Accounting Text and Cases: The McGraw-Hill Companies- Special Indian Edition
- ❖ Augustin Amaladas (at SJCC) and Mary Amala shanthi: Corporate Financial Knowledge Integration, Himalaya Publication.
- ❖ Grewal & Gupta: Advanced Accounting, S Chand & Co., New Delhi.
- ❖ Jain & Narang: Financial Accounting, Kalyani, Delhi.
- ❖ Radhaswamy & R L Gupta: Advanced Accounting, S Chand & Co., New Delhi.
- ❖ S. Kr. Paul: Advanced Accounting, New Central Book Agency, Calcutta.

SEMESTER - I
C1 13 102: MATHEMATICS FOR MANAGERS

Objective:

To enable students to have a grasp of simple arithmetical calculations relating to topics on Commerce and Economics.

Module 1 - Basic Mathematical Concepts

20 Hrs

Theory of equations (Linear, Quadratic, and Simultaneous) Application of equations to business and commerce.

Ratios and proportions - Basic laws of ratios, proportions - continued, direct, inverse, compound. Mixed proportions - time and work only.

Percentage - **Application in business and commerce.**

Profit and loss, simple discount.

Module 2 - Interest and Annuities

20 Hrs

Simple Interest, Compound Interest.

Concept of Time value of money - Times lines and notation - FV of a single amount, Doubling period (Rule of 72, rule of 69), Growth rate, PV of a single amount, PV of uneven series, Annuity immediate - FV of Annuity - applications, Sinking Fund, Depreciation PV of Annuity - **Applications, loan amortisation schedule, relating compound interest formula to PV annuity formula, capital Recovery Factor.**

PV of growing Annuity, Annuity due, PV of perpetuity, Deferred Annuity Intra - year compounding and discounting, Effective Vs Stated Rate

Module 3 - Bills of Exchange and Conversion of foreign Currency

10 Hrs

Bills of Exchange - Meaning of face value of bills, true present worth, true discount value, date of drawing, banker's gain, banker's discount of a bill, foreign currency - direct and indirect quotes

Module 4 - Learning Curve

10 Hrs

Meaning, Learning Curve ratios, Linear equations, forecasting of cost and An Impact on profit using learning curve

Module 5 - Introduction to Differentiation

15 Hrs

Functions (Concepts only) Derivatives - Standard forms, sum and product of two functions.

Application of Differentiation

Secondary derivatives and maxima and minima, Application in Commerce - Cost functions, revenue functions, profit function, breakeven point (Simple problems only)

Skill Development:

(These activities are only indicative, the Faculty member can innovate)

1. Develop an Amortization Table for Loan Amount - EMI Calculation.
2. Prepare an Overhead Machine/Labour hour rate through matrices.
3. Prepare a Bank Statement using SI and CI.
4. Prepare a Case Study on application of Calculus to business.

5. Stock market analysis; market research.

Books for Reference:

- ❖ Dorai Raj: Business Mathematics.
- ❖ Dr. A K Arte & R V Prabhakar: A Textbook of Business Mathematics.
- ❖ Saha: Mathematics for Cost Accountants.
- ❖ Sanchethi & Kapoor: Business Mathematics.
- ❖ Soni: Business Mathematics.
- ❖ Zamirudding Khanna: Business Mathematics.

SEMESTER - I
C1 13 103: PRINCIPLES OF MANAGEMENT

Objective:

To familiarize the students with the Concepts and Principles of Management and to train them in Practical and Managerial skills. To introduce them to some aspects of Human Resource Management.

Module 1: Introduction to Management and History of Management Thoughts
10 Hrs

Introduction: Meaning - Nature and Characteristics of Management - Scope and Functional Areas of Management - Management as an Art - Science or Profession - Management and Administration - Principles of Management.

Evolution of Management Thought: Pre-scientific Management (introduction) scientific management - Fayol's modern management - Lillian and Gilbreth Human Relations.

Module 2: Planning Forecasting and Decision Making **8 Hrs**

Planning: Nature - Planning Process - Objectives - Types of plans. Management by Objectives (MBO) and Management by Exception (MBE)

Forecasting: Meaning and purpose of forecasting - Techniques of forecasting - Qualitative and quantitative.

Decision Making: Meaning - Importance and steps in decision-making - Delegation and principles of delegation

Module - 3: Organizing **10 Hrs**

Organizing: Nature and purpose of organization - Principles of organization - Organization structure and types - Departmentation - Committees - Centralization vs. Decentralization of Authority - Span of Control.

Module 4: Leadership - Directing and Controlling **6 Hrs**

Leadership: Meaning - Leadership styles - theories of leadership, Leadership in the 21st Century

Directing: Meaning - Principles and techniques of directing.

Controlling: Meaning and definition - Features - Steps in controlling and methods of establishing control. Techniques of controlling - Budgetary and non-budgetary.

Module 5: Co-Ordination and Motivation **8 Hrs**

Co-ordination: Meaning - Steps and methods of co-ordination.

Motivation: Meaning. Theories of motivation - Carrot & Stick approach - Maslow's - McGregor's - Herzberg's.

Module 6: Human Resource Management **12 Hrs**

HRM: Meaning - definition - functions - objectives and challenges.

Human Resource Planning: Meaning – Process and job analysis.

Nature and process of staffing. Recruitment: Meaning of Recruitment –importance of Recruitment – Sources of Recruitment. Selection: Process, importance of selection, types of tests – Attrition – causes and cost.

Module 7: Business Ethics

6 Hrs

Meaning – need and importance - profits and ethics – factors affecting ethical practices in Business - **Social Responsibilities of Management** – Meaning, Social responsibilities of business towards various groups.

Skill Development:

(These activities are only indicative, the Faculty member can innovate)

1. Different types of Organization Charts (structure).
2. Chart of Staffing.
3. Graphic representation of Maslow's Theory.
4. Chart on Media of Communication.
5. Draft Control chart of different industry/business groups.
6. Prepare list of corporate strategies that are adopted by Indian Companies to face the challenges of competition.
7. Select a successful retail store and give details of factor leading to its success.
8. Select a failed venture, if any known to you, and bring out reasons for its failure (Note what we learn from these success & failure stories).
9. Select a company and prepare a SWOT analysis for the same.
10. Mention the characteristics and skills of managers in the 21st century.
11. List out some unethical practices prevailing in an organisation.
12. Undertake a study of some ethical practices followed by an organisation.

Books for Reference:

- ❖ Appaniah & Reddy: Essentials of Management.
- ❖ Koontz & O' Donnell: Management.
- ❖ L. M Prasad: Principles of Management.
- ❖ Rustum & Davan: Principles and Practice of Management.
- ❖ S.V.S Murthy: Essentials of management.
- ❖ Sharma & Gupta: Principles of Management.
- ❖ Srinivasan & Chunawalla: Management Principles and Practice.
- ❖ Thomas N. Duening & John. M. Ivan Cevich: Management, Principles and Guidelines, Biztantra Publications.
- ❖ Tripathi & Reddy: Principles of Management.
- ❖ Premavathy M. Dr., Business Ethics, Srivishnu Publication.

C1 13 104: BUSINESS ECONOMICS - I

Objective:

The objective is to familiarize the students with the basic concepts in Economics, study the role of economics in Business and to make the student to understand how the Business Organizations work by applying Economic principles in their Business Management

Module - 1: Business Economics

5 Hrs

Meaning - Definitions - Characteristics - Distinction between Business economics and Economics - Scope of Business Economics - Uses/Objectives of Business Economics - Role and Responsibilities of Business Economist - Micro & Macro Economics.

Module - 2: Consumer Behaviour

15 Hrs

Consumer Sovereignty - Limitations - Approaches to the **Study of Consumer Behaviour** - Cardinal Approach - Law of Equi-Marginal Utility - Ordinal Approach - Indifference Curve Analysis - Properties - Consumer Surplus: Meaning - Analysis - Limitations.

Module - 3: Theory Of Demand And Analysis

15 Hrs

Demand - Demand Determinants - Law of Demand - Characteristics - Exceptions-Elasticity of Demand - Price Elasticity - Types - Determining Factors - Change in Demand and Elasticity of Demand - **Business Applications of Price Elasticity** - **Concepts of Income and Cross Elasticity of Demand** - **Price Elasticity of Demand Measurement By Total Outlay Method including mathematical problems.**

Module - 4: Demand Forecasting Methods

5 Hrs

Survey of buyers intention - Collective opinion - **Trend projection** - Economic Indicator. Demand forecasting methods for a new product including mathematical problems.

Module - 5: Production Function

10 Hrs

Law of Supply - Meaning - Determinants of Supply. Production Function: Equilibrium Though Isoquants and Isocosts - **Managerial Uses of Production Function** - Law of Variable Proportions - Economies of Large Scale of Production - Diseconomies of Large Scale Production.

Module - 6: Cost and Revenue Analysis

10 Hrs

Cost classification - Real cost - Opportunity cost - Money cost - Explicit cost and implicit cost - Economic cost - Fixed cost and variable cost - Total and Marginal cost - Behaviour of short run and long run cost - **Cost and output relations** - **Revenue concepts - Break even analysis including mathematical problems.**

Skill Development:

(These activities are only indicative, the Faculty member can innovate)

1. Draft the diagrammatic representation of each aspect of the chapter in a book under different chapters.
2. Select and discuss the case studies that will have impact on business decision-making in each chapter.

3. A survey report on the demand forecasting for a product.
4. Student to choose a product and apply price elasticity in real situation.
5. Detail charts on Consumer Surplus.

Books for Reference:

- ❖ D. M. Mithani: Business Economics.
- ❖ Dr. P. N. Reddy & H. R. Appanaiah: Essentials of Business Economics.
- ❖ H. Craig Petersen & W. Cris Lewis: Managerial Economics, PHI.
- ❖ Joel Dean: Managerial Economics.
- ❖ K. K. Dewett: Economic Theory.
- ❖ M. L. Seth: Test Book of Economic Theory.
- ❖ Mote V. L. Peul. S & G. S. Gupta: Managerial Economics, TMH.
- ❖ Petersen & Lewis: Managerial Economics.
- ❖ Sankaran: Business Economics.
- ❖ Varsheney & Maheswari: Managerial Economics.

SEMESTER - II
C1 12 201: ADVANCED ACCOUNTING - I

Objectives:

To acquire adequate knowledge of accounting treatments of certain allied business and to gain knowledge on the preparation of Accounts for Internal Control System.

Module 1 - Branch Accounts

20 Hrs

Introduction - Objectives- Types of branches - Accounting for domestic dependent branches in the books of Head Office: Debtors system and final account system - Creation of stock reserve - Accounting for domestic independent branches - Preparation of Head Office Accounts in Branch Books - Branch Account in Head Office books - Incorporation of Trial Balance of Branch in Head Office books - Adjustment Entries.

Module 2- Insurance Claims

15 Hrs

Introduction - Claim for Loss of Stock - Calculation of GP Ratio under various cases - Statement to ascertain value of stock on the date of fire - Treatment of salvage - Computation of claim - Treatment of Average Clause -Treatment of abnormal items - Calculation of loss profit

Module 3 - Company Final Accounts

10 Hrs

Treatment of special items relating to Company Final Accounts - Depreciation Interest on Debentures - Tax - Dividends - Interim - Proposed - Unclaimed dividend - Managerial Remuneration - Commission after charging such commission - Preparation of balance sheet as per revised Schedule-6 and Extended Business Reporting Language.

Module 4 - Valuation of Goodwill and Shares

20 Hrs

Goodwill - Definition - Meaning - Elements of goodwill - Types of goodwill - Purchased goodwill - Non purchased or inherent goodwill - Valuation of non-purchased goodwill - Average profit method - Super profit method - Capitalization method - Annuity method.

Shares - Definition - Meaning - Need for valuation - Factors affecting valuation - Methods of valuation - Asset backing or intrinsic value method - Yield valuation method - Fair value method - Valuation of right shares - Valuation of preference shares.

Fair value Measurement (IFRS 13) - Approaches to Valuation: Market approach ; Income approach (Discounted cash flow (DCF) method) and Adjusted net asset method - Simple problems

Module 5 - Valuation of Goodwill and Shares

20 hrs

Goodwill - Definition - Meaning - Elements of goodwill - Types of goodwill - Purchased goodwill - Non purchased or inherent goodwill - Valuation of non-purchased goodwill - Average profit method - Super profit method - Capitalization method - Annuity method.

Shares - Definition - Meaning - Need for valuation - Factors affecting valuation - Methods of valuation - Asset backing or intrinsic value method - Yield valuation method - Fair value method - Value of right shares - Valuation of preference shares.

Skill Development:

(These activities are only indicative, the Faculty member can innovate)

1. Preparation of a claim statement with imaginary figures to submit to insurance company
2. Collection of transactions relating to any branch.
3. Collection of final accounts of departmental organizations.
4. Mock display of sole trader and discussion of their transactions.
5. Collecting the details regarding the fire claim settlement of a particular case and recording the important points.
6. Prepare a report of Insurance Claims other than Fire Claims.
7. Prepare a report on the Inter-Departmental Transfers.
8. Collect the latest final accounts and assess the value of the company's shares. Record your reasons for investing in the shares of any five companies.
9. Take up a study of AS-20, Earning per Share - types of EPS and disclosure. Study the balance sheets of three companies with regard to this Accounting Standard.

Books for Reference:

- ❖ Jain & Narang: Financial Accounting, Kalyani, Delhi.
- ❖ P. C. Tulasian: Pearson Editions, Introduction to Accounting.
- ❖ Radhaswamy & R. L. Gupta: Advanced Accounting, S Chand & Co., New Delhi.
- ❖ S. Kr. Paul: Advanced Accounting, New Central Book Agency, Calcutta.
- ❖ Dr. S. N. Maheswari: Financial Accounting, Vikas, New Delhi.
- ❖ Grewal & Gupta: Advanced Accounting, S Chand & Co., New Delhi

SEMESTER - II
C1 14 202: Fundamental and applications of E - Commerce

Objectives:

- ❖ Understand the electronic consumer
- ❖ Understand the ecommerce revolution and the role of internet
- ❖ Familiarize themselves with current challenges and issues in e-commerce
- ❖ To get an insight about the potential of Indian industries to compete in the world market

Module 1: Overview of Electronic Commerce **12Hrs**

Introduction, Main activities of ecommerce, Broad goals of ecommerce, Prospects for ecommerce, **Pre-requisites for ecommerce**, **ecommerce applications**, Types of electronic commerce- Business-to-Business(B2B), Business-to-Consumer(B2C), Business-to-Government(B2G), Consumer-to-Consumer(C2C), Advantages of ecommerce(Benefits to Organization, Benefits to society) Limitations of ecommerce(Non-technical limitations, Technical limitations), Value chains in electronic commerce.

Module 2: Electronic Commerce for service Industries **10Hrs**

Information Technology services-Broker based services, Travel and tourism services, Employment Placement and the job market, Real Estate, **Trading stocks online**, **Online Publishing**, **Marketing and Manufacturing industries**, **e-agriculture in India**

Module 3: Electronic Commerce and Retailing **8 Hrs**

E-commerce and retail industry, vision of online retailing in ecommerce, today's E-tailing environment, ecommerce and marketing, **Incentives for engaging in ecommerce**, **driving forces behind ecommerce**, **ecommerce and economic efficiency**, **impact of ecommerce on business.**

Module 4: E-commerce and customization **15 Hrs**

Global Markets- Understanding the structure of virtual Enterprises- work flow Automation and coordination, customization and internal commerce-customization of services. Information Search Challenges-Search and resource Discovery paradigms-Information Search and Retrieval, indexing methods-Electronic Commerce catalogs or directories-Electronic white pages, Electronic yellow pages, Interactive product catalogs-Information filtering-Mail filtering agents, News filtering agents, virtual reality and consumer experience. **Cataloging; Order selection and prioritization; Order scheduling, fulfilling and delivery, Order billing and payment management; Post sales services.**

Module 5: Ecommerce Supply Chain Management **7 Hrs**

Integrated Logistics and Distribution, Integrated marketing and Distribution-Efficient customer response-Agile Manufacturing. **Product and service digitization; Remote servicing procurement**

Module 6: Electronic Data Interchange (EDI) in ecommerce

8 Hrs

Using Public and private computer networks for B2B trading; EDI and paperless trading; Characteristic features of Edi service arrangement; Internet based EDI; EDI architecture and standards; VANs; **Costs of EDI infrastructure**; Reasons for slow acceptability of EDI for trading.

Skill Development

- ❖ Familiarize themselves with the security and ethical challenges of ecommerce websites
- ❖ Analyze ecommerce websites design, technology used, and security and user friendliness.
- ❖ List down the challenges faced to start an ecommerce venture.
- ❖ Identify any four popular B2C websites and examine their user friendliness and various marketing strategies adopted.
- ❖ Conduct a survey to understand the customer's preferences while online shopping.

BOOKS FOR REFERENCE:

- ❖ Frontiers of Electronic Commerce-Kalakota& Whinstton Person Education Inc.
- ❖ e-commerce: CSV Murty: Himalaya Publishing House Pvt.Ltd
- ❖ Electronic Commerce A managerial Perspective: Efrain Turban, Jae Lee, David King, H.Michael Chung: Pearson Education, Inc . and Dorling Kindersley Publishing Inc.
- ❖ E-Commerce Concepts and Applications: Nidhi Dhawan: International Book House Pvt. Ltd.

SEMESTER - II
C1 11 203: BUSINESS LAW

Objective:

To familiarise the students with Business Laws and its interpretation.

Module - 1: Jurisprudence

1 Hr

Introduction to Law – Classification of law – Hierarchy of Courts – Brief of procedure in Courts.

Module - 2: Scope

1 Hr

Meaning and Scope of business law – Sources of Indian business law.

Module - 3: Indian Contract Act of 1872

20 Hrs

Definition – Types of contract – Essentials – Offer – Acceptance – Consideration capacity of parties – Free consent (meaning only) – Legality of object and consideration – Various modes of discharge of a contract – Remedies for breach of contract.

Module - 4: Sale Of Goods Act 1935

8 Hrs

Law of sale of Goods – Conditions and warranties – Transfer of ownership – Performance of contracts – Remedial measures.

Module -5: Intellectual Property Legislations

4 Hrs

Meaning and scope of intellectual properties – Patent Act of 1970 and amendments as per WTO agreements : Background – Objects – Definition – Inventions – Patentee – True and first inventor – Procedure for grant of process and product patents – WTO rules as to patents (in brief) – Rights to patentee – Infringement – Remedies.

Module - 6: Consumer Protection Act [COPRA]

6 Hrs

Background - Definition of (1) Consumer; (2) Consumer Dispute; (3) Complaint; (4) Deficiency; (5) Service – Consumer Protection Council – Consumer redressal agencies – District Forum – State Commission and National Commission.

Module - 7: Foreign Exchange Management Act 1999

3 Hrs

Objectives – Scope and salient features – offences under the act.

Module - 8: Cyber Laws 1999

2 Hrs

Objectives – Definitions and salient features – Provisions pertaining to piracy and related offences and penalties.

Skill Development:

(These activities are only indicative, the Faculty member can innovate)

1. Draft a 'rent agreement' incorporating all the essential features of a valid agreement.
2. Draft an agreement to repay a loan borrowed from a bank on installment basis.
3. Case laws 'involving points of law of contracts'.
4. Draft a complaint against 'unfair trade practice' adopted by a businessman, to the consumer forum.
5. List out the latest cases of both High Court and Supreme Court on Environmental issues with both facts and judgements [at least 2 cases].
6. Quote examples of violation of Cyber Laws.

Books for Reference:

- ❖ Aswathappa. K & Ramachandra: Business Law, HPH, Mumbai.
- ❖ Bare Acts.
- ❖ Garg, Sareen, Sharma & Chawla: Business Law.
- ❖ Kapoor N.D: Business Law, Sultan Chand & Co.
- ❖ M. C. Kuchhal: Business Law.
- ❖ Nabhi: Business Law, Indian Law House, Mumbai.
- ❖ Tulsian: Business Law, Tata McGraw Hill, New Delhi.

SEMESTER - II
C1 11 204: BUSINESS ECONOMICS - II

Objective:

The objectives of this paper is to give exposure to the current problem of the Indian Economy and how these problems affect the working of business organizations and how the international organizations helps an economy to overcome these problems.

Module - 1: Market Structure

16 Hrs

Perfect Competition - Features - Price and Output Determination - Influence of Time Element on Price and Output - Monopoly - Features - **Price and Output Determination**- Price Discrimination-Price Output Determination Under Discriminating Monopoly. Monopolistic Competition - Features - Price and Output Determination in Short Run and in Industry - Features of Duopoly and Oligopoly.

Module - 2: Pricing Policy

5 Hrs

Pricing Policy - General considerations - Objectives - Factors involved in Pricing Policy - Methods of Pricing.

Module - 3: Monetary Policy

10 Hrs

Monetary Policy - Methods and implications - Fiscal Policy - Measures - Implications - Inflation - Types - Causes - Measurers.

Module - 4: Business Cycles

5 Hrs

Business Cycles - Phases of Business cycle - Effects of Business Cycle - **Measures to control the Business cycle** - Theories of business cycles-Multiplier and accelerator theory - Keynesian theory.

Module - 5: **Balance of Trade and Balance Of Payments**

6 Hrs

Balance of Trade & Balance of Payments - Components of Balance of Payments - Disequilibrium in the Balance of Payments - Methods of Correction of Disequilibrium - India's Balance of Payments crisis of 1990's.

Module - 6: Foreign Trade and Economic Development

18 Hrs

Foreign Trade & Economic Development - **Foreign aid in Economic Development** - Types - Role of Foreign Trade - Factors Determining the Amount of Foreign aid for Economic Development - **Private Foreign Investment and Multinational Corporations** - Types - Merits and Demerits - Exim policy 2002-07: Highlights - **Critical evaluation of Exim policy.**

Skill Development:

(These activities are only indicative, the faculty member can innovate)

1. Prepare charts for 1st Module
2. Chart out the factor influencing pricing policy
3. Present a diagram showing business cycles
4. Present the Balance of Payment chart of India for the latest year.
5. Collect and present in tubular form foreign aid to India during at least last 5 years

Books for Reference:

- ❖ D. M. Mithani: Business Economics
- ❖ Joel Dean: Managerial Economics
- ❖ K. K. Dewett: Economic Theory
- ❖ M. L. Jhingan: International Economics
- ❖ Mote V. L. Peul. S & Gupta G S: Managerial Economics TMH
- ❖ Niravathi & C. Ramani Nair: International Economics
- ❖ Peterson & Lewis: Managerial Economics
- ❖ Sankaran: Business Economics
- ❖ Seth M. L: Text Book of Economic Theory
- ❖ Varsheney & Maheswari: Managerial Economics

CORE SUBJECTS

SEMESTER - III

C1 12 301: ADVANCED ACCOUNTING - II

Objectives:

To acquire adequate knowledge for the preparation and presentation of financial statements. To give comprehensive understanding of all aspects relating to corporate situations/requirements.

Module 1: Redemption of preference shares, Redemption of Debentures and Buyback of shares **12 Hrs**

Meaning – Legal provisions as per section 80 of the Companies Act – Treatment regarding premium and discount on redemption (Section 78 and 79 of the Companies Act) – Creation of Capital Redemption Reserve Account (CRR) – Fresh issue of shares – Arranging for cash balance for the purpose of redemption (Use of Equation for finding out minimum or sufficient number of shares to be issued to the public at the time of redemption of preference shares) – Minimum number of shares to be issued for redemption – Issue of bonus shares by using CRR account.

Buy- Back of shares (Section-77A of Companies Act)- Journal entries and Accounting treatment.

Redemption of debentures – redemption by purchase of debentures in the open market - profit or loss on debentures purchased, cum-int and ex-int purchase, purchase of debentures for cancellation, purchase of debentures as an investment.

-redemption by conversion - conversion before redemption due date, conversion when due date for redemption.

Module 2: Amalgamation **18 Hrs**

Adopting as per IFRS (detailed explanation as per IFRS) – Calculation of Purchase Consideration – Journal Entries and Ledger Accounts in the Books of the Vendor Company – Incorporating Entries in the books of the New Company – Amalgamation by Merger & Amalgamation by Purchase – Finding out Goodwill or Capital Reserve – Treatment of Inter-Company Debts – Inter company Owings and unrealised profits- Inter company holdings, dissenting share holders-Discharge of Debentures – Intrinsic value of Shares – Issue of shares by the new company to raise further capital - Debenture holders to get same amount of interest in spite of change in rate of interest – Preparation of Balance Sheet.

Module 3: Absorption **11 Hrs**

Adopting IFRS (detailed explanation as per IFRS) – Purchase Consideration under Net Payment and Net Asset Method – Treatment of Dissolution Expenses met by Purchasing Company – Assets and Liabilities not taken over – Dissenting shareholders – Fractional shares – Sale of shares received as purchase consideration - Intrinsic Value of Shares – Journal Entries – Ledger Accounts in the Books of the Vendor company – Incorporation Entries – Preparation of Balance Sheet after Absorption.

Module 4: External Reconstruction**10 Hrs**

Calculation of Purchase Consideration under Net Payment and Net Asset Method – Journal Entries – Preparation of Ledger in the books of the Vendor and Preparation of Balance Sheet after Reconstruction, incorporating all the concepts mentioned in Absorption.

Module 5: Internal Reconstruction or Capital Reduction**12Hrs**

Meaning – Objective – Procedure – Form of Reduction – Reorganization through surrender of shares – Subdivision and consolidation of shares – Materialization of contingent liability – Accounting arrangements – Journal Entries – Balance Sheet after Reconstruction.

Module 6: Consolidated Financial Statements (IFRS 10)**12 Hrs**

Accounting requirements - Consolidation procedures (preparation of Consolidated balance sheet and Profit and loss account); Definition of Uniform accounting policies, Measurement; Potential voting rights; Reporting date; Non-controlling interests; Loss of control

Skill Development:

(These activities are only indicative, the Faculty member can innovate)

1. Make a study of one case of mergers or acquisitions. State the reasons why the firms decided to do so. What benefits were derived by both the companies?
2. List any 5 cases of amalgamation/absorption of Joint Stock Companies with a brief description of each case.
3. Preparation of Liquidator's final statement of accounts with imaginary figures assuming yourself as a liquidator.
4. Take up the study of at least one Company that has been liquidated. What are the reasons for the liquidation? How was the process carried out and to what extent did creditors & shareholders suffer losses?
5. Make a study of at least one sick company. Reasons for its sickness, and steps taken by it through internal reconstruction to revive the Company.
6. Arrange a Mock court to discuss the need for internal reconstruction.
7. Prepare a SWOT analysis of a Company.

Books for Reference:

- ❖ Grewal & Gupta: Advanced Accounting, S. Chand & Co, New Delhi.
- ❖ Jain & Narang: Financial Accounting, Kalyani, Delhi.
- ❖ P. C. Tulasian: Pearson Editions, Introduction to Accounting.
- ❖ Radhaswamy & R. L. Gupta: Advanced Accounting, S. Chand & Co, New Delhi.
- ❖ S. Kr. Paul: Advanced Accounting, New Central Book Agency, Calcutta.

SEMESTER III
C1 12 302: COST AND MANAGEMENT ACCOUNTING - I

Objectives:

To familiarize and acquire adequate knowledge with the basic cost concepts required for effective decision making in firms.

Module 1 - Basic Concepts

5 hrs

Meaning - Cost accounting - Cost accountancy - Costing - Cost accounting and management - Objectives of Cost Accounting - Cost accounting v/s Financial Accounting - Cost Accounting v/s Management Accounting - Advantages of cost accounting - Methods of costing - Techniques (types) of costing -- Cost centres (Meaning and purpose) - Cost units (Meaning and importance) - Cost accounting departments - Brief note on Cost Audit Records and Report Rules.

Module 2 - Cost Concepts and Classification

12 hrs

Cost - Expenses - Losses - Classification of costs - Natural classification of costs - Cost behaviour (in relation to changes in output or activity or volume - Degree of traceability to the product - Association with the product - Functional classification of costs - Costs of control other costs - Cost statement or cost sheet - Tender and quotation - Job and Batch Costing.

Module 3 - Material Control and Material Costing

10 hrs

Materials - Concepts and objectives of material control - Organization for material control - Purchasing and receiving procedure - Some issues in materials procurement - stores organization - Inventory system - Inventory shortages (losses) and overages - Inventory control. Calculations of Stock levels and EOQ with or without discount. Costing material received - Costing material issues (FIFO, LIFO, simple and weighted average method only) - Pricing of materials returned to vendor - Pricing of materials returned to storeroom - Selection of a material pricing method.

Module 4 - Labour Costs : Accounting and Control

10 hrs

Introduction - Direct labour and indirect labour - Organization for labour control - Wage systems - Incentives wage plans - Work study - Job evaluation and merit rating - Time and motion study - Labour turnover - Treatment of labour cost related items - Methods of remunerating labour - Time and piece rate system - Halsey and Rowan premium systems - Taylor and Merrick's differential piece rate system.

Module 5 - Overhead Distribution

15 hrs

Concept - Classification of overheads - Factory overhead - Fixed - Semi variable and variable - Factory overheads - Accounting and distribution - Collection and codification of factory overheads - Allocation and apportionment of factory overheads - Apportionment of service departments overheads to producing departments (repeated and simultaneous equation method) - Absorption of factory overhead (Machine hour rate) - Selecting an absorption rate.

Module 6 - Contract Costing And Operating Costing

15 hrs

Definition and meaning – Job costing and Contract costing : Distinction – Accounting procedure in contract costing as per IFRS-surveyor's certificate and retention money , work in progress – Costing of running contracts – Costing of Contracts nearing completion – Cost plus Contracts-principles guiding cost plus contracts, bid costing and cost plus contract costing – fixed price contract with escalation clause – Operating Costing (transport only)

Module 7 – Reconciliation of Cost and Financial Accounts

8 hrs

Need for reconciliation – Reasons for differences in profits – Problem on preparation of reconciliation statement and memorandum reconciliation accounts.

Skill Development:

(These activities are only indicative, the Faculty member can innovate)

1. List methods of costing adopted by industries located in the region.
2. List materials consumed in any two organizations of your choice.
3. Collection of different formats – materials requisition – purchase requisition-bin card-stores ledger.
4. Preparation of wage sheet / pay roll with imaginary figures.
5. List out the various expenses of two companies and prepare the cost sheet.

Books for Reference:

- ❖ Colin Drury: Management and Cost Accounting.
- ❖ Nigam: Theory and Techniques of Cost Accounting.
- ❖ S. P. Jain & K L Narang: Cost and Management Accounting.
- ❖ Dr. S. N. Maheshwari: Cost Accounting.
- ❖ JawaharLal: Cost Accounting.
- ❖ M. N. Arora: Cost Accounting

SEMESTER - III
C1 12 303: FINANCIAL MANAGEMENT

Objective:

To give insight into investment, financing and dividend decision making and composition of different securities in the total capital structure.

Module 1: Financial Management

8Hrs

Finance function- aims of finance function

Module 2: Cost of Capital

10 Hrs

Meaning - **Computation of Cost of Capital** - Cost of Equity - Preference - Debt - Cost of Retained Earnings - Weighted Average Cost of Capital.

Module 3: Financing Decisions

10 Hrs

Meaning of Capital Structure - **Optimum Capital Structure** - Factors determining Capital structure - Leverages-Operating leverage - Financial leverage and combined leverage-Problems

Module 4: Investment Decisions

20 Hrs

Capital Budgeting - Meaning - Significance - Capital Budgeting process - Payback period - ARR - Net present values - IRR Method - Profitability Index and Capital Rationing - Concepts only.

Module - 5: Dividend Decisions

5 Hrs

Meaning - Types of dividend policies - Factors influencing dividend policy - Forms of dividends.

Dividend Relevance- Walter's model and

Gordon's model, Dividend

Irrelevance -Modigliani Miller model

Module 6: Liquidity Decision

15 Hrs

Working capital: Meaning - Concepts of working capital - Factors influencing Working Capital requirement - Components of working capital - Profitability/Liquidity trade off.

Cash Management: Meaning - Importance - Factors affecting cash balances - Motives of holding cash - Objectives of cash management - Problems and means of cash management.

Receivables Management: Meaning - Purpose - Determinants - Tools for receivables management - Ageing schedule.

Inventory Management: Meaning and Importance - Cost of holding inventory - Tools - EOQ - Fixing different inventory levels - ABC analysis - FSN - VED - JIT - Periodic inventory valuation - Perpetual inventory valuation (concepts only)

Module 7: Financial Planning

7 Hrs

Financial Planning – Objectives and Principles of Sound Financial Planning – Long Term and Short Term Financial Plan – Factors Affecting Financial Plan.

Skill Development:

(These activities are only indicative, the faculty member can innovate)

1. Identify the decision areas in which a financial manager has a role to play
2. Prepare a Capital Budget for your new Business
3. Evaluate the NPV of an investment made in any one of the capital projects with imaginary figures for 5 years
4. Prepare an aging schedule of debtors with imaginary figures
5. Capital structure analysis of companies in different industries
6. Study of dividend policy practices of certain companies in India.

Books for Reference:

- ❖ I. M. Pandey: Financial Management, Vikas Publishers, New Delhi.
- ❖ James C. Vanhorne: Financial Management.
- ❖ Khan & Jain: Financial Management, Tata Mcgraw Hill, New Delhi.
- ❖ P. N. Reddy & Appanaiah: Financial Management, Himalaya Publishers, Bombay.
- ❖ Prasanna Chandra: Financial Management, Tata McGraw Hill, New Delhi.
- ❖ S. N. Dorai Raj: Financial Management, Kalyani Publishers, New Delhi.
- ❖ S. N. Maheswari: Financial Management, Sulchand & Co., New Delhi.
- ❖ Sharma & Sashi Gupta: Financial Management.

SEMESTER - III
C1 11 304: MARKETING MANAGEMENT

Objective:

To help to understand various concepts in marketing, to make students to apply conceptual skills in Marketing Decision and to expose students to the latest trends in Marketing.

Module - 1: Introduction to Marketing

8 Hrs

Definition - Nature - Scope - Importance - Concepts - Functions - Micro and Macro environment - Meaning and difference - Marketing Management - Meaning & functions.

Module - 2: Market Segmentation, Targeting & Positioning

8 Hrs

Marketing Mix (elements) Basis - Perquisites for sound segmentation - Target marketing strategies - Product positioning, meaning and steps involved.

Module - 3: Consumer Behaviour

8 Hrs

Meaning of consumer behaviour - Factors influencing Consumer behaviour - Buying decision process and its stages.

Module - 4: Product & Pricing

18 Hrs

Product mix - Product life cycle - **New product development** - **Branding & Packing** - Meaning - Types - Advantages and disadvantages - Objective of pricing - Factors influencing pricing decisions - Methods of pricing and pricing strategies.

Module - 5: Channel Of Distribution & Promotion

8 Hrs

Factors affecting choice of channel - Channel design decision - **Channel Management**. Promotion - Meaning - Promotion mix - **Selection of media** - Advertisement copy - Evaluation of advertising - Personal selling - **Sales Promotion**.

Module - 6: Ethical Aspects Of Marketing

6 Hrs

Marketing Ethics and Consumer Rights - Socially responsible Advertising - Ethics and regulation in Product - Pricing - Packaging and Labelling.

Module - 7: Recent Trends In Marketing

4 Hrs

E-Business - Tele-Marketing - M-Business - Relationship marketing - Retailing - concept marketing and virtual marketing (concepts only).

Skill Development:

(These activities are only indicative, the Faculty member can innovate)

1. Identify the producer of your choice and describe in which stage of the product life cycle it is positioned
2. Suggest strategies for development of a product
3. Select a producer and describe an advertising endeavour for it, since its introduction
4. Study of Consumer Behaviour for a product of your choice
5. Develop an Advertisement copy for a product
6. Prepare charts for distribution network for different products

Books for Reference:

- ❖ Armstrong & Kotler: Marketing - An Introduction.
- ❖ C. S. V. Murthy: Business Ethics.
- ❖ J. C. Gandhi: Marketing Management.

- ❖ Philip Kotler: Principles of Marketing.
- ❖ R..S.Davar: Marketing Management.
- ❖ Sherlaker S. A.: Marketing Management.
- ❖ Sontakatti: Marketing Management.
- ❖ William Stanton: Marketing Management.
- ❖ William Stanton, Michael Etzel, Bruce Walker: Fundamentals of Management.

SEMESTER - IV
C1 12 401: COST AND MANAGEMENT ACCOUNTING - II

Objectives:

To acquire in-depth knowledge for effective decision making in firms and their business applications.

Module 1 – Process Costing

15hrs

Process costing – Normal loss – Abnormal loss – Gain – Joint and by products (including inter-process profit and equivalent production) **preparation of process accounts** and joint and by products.

Module 2 – Marginal Costing and Absorption Costing

18 hrs

Absorption costing – introduction, meaning, advantages and disadvantages of absorption costing, ascertainment of profit under absorption costing – marginal costing-introduction, meaning, advantages and disadvantages of marginal costing, differences between absorption costing and marginal costing, ascertainment of profit under marginal costing – income determination under marginal costing and absorption costing – marginal cost equations, **Cost Volume Profit Analysis**, Break Even Point, Margin of Safety, Break even Chart – Profit Volume Chart, **Applications of Marginal Costing** – Make or Buy Decision, Key factor / limiting factor, **Accepting or Rejecting the Export Offer, Pricing decisions, Selecting the Suitable Product Mix, introduction of new product, operate or shut down decisions etc**

Module 3 – Relevant Costing

8 hrs

Analysis of relevant cost with other cost concepts-relevant benefits- sunk cost-future costs, future benefits-Relevant cost and relevant benefits for business decisions-Case study method.

Module-4: Budgetary Control

14 Hrs.

Meaning – Need- Objectives and functions-Advantages and Limitations- Classification-Preparation of Budgets- Raw material consumption, Purchase, labour hour, Overhead, Cash, Master, Fixed and Flexible Budget.

Module 5 – Standard Costing

20hrs

Meaning – Definition – Advantages – Steps involved in Standard Costing – Analysis of Variances – Material Variances – Labour Variances – Overhead variances-**Preparation of Variance Reports and interpretation of variance report.**

Skill Development:

(These activities are only indicative, the Faculty member can innovate)

1. List methods of costing adopted by industries located in the region.
2. **Prepare a budgetary statement for any two organizations of your choice.**
3. **Collect the different format of budget prepared by two companies of your choice.**
4. State the impact of standard costing on the decision making of the company of your choice.
5. List out the various expenses of two companies and **prepare the cost sheet.**

Books for Reference:

- ❖ Colin Drury: Management and Cost Accounting.
- ❖ Augustin Amaladas and Mary Amala Shanthi: Corporate Financial Knowledge Integration, Himalaya publications
- ❖ Nigam: Theory and Techniques of Cost Accounting.
- ❖ S. P. Jain & K L Narang: Cost and Management Accounting.
- ❖ Dr. S. N. Maheshwari: Cost Accounting.
- ❖ JawaharLal: Cost Accounting.
- ❖ M. N. Arora: Cost Accounting.

SEMESTER - IV
C1 12 402: BUSINESS STATISTICS AND RESEARCH TECHNIQUES

Objective:

- ❖ To enable students to grasp the fundamentals of Statistics for interpreting business data.
- ❖ To familiarize students with the concepts and techniques of business research.

Module - 1: Introduction **5 Hrs**
Importance of Statistics, Scope, Limitations and distrust of statistics, Definition of Research, purpose, scope and objectives of research, Steps in research (brief), **Classification of data, Formation of statistical series, Tabulation** (simple problems.)

Module - 2: Measures of Central Tendency and Dispersion **15 Hrs**
Mean, Median, Mode, Geometrics Mean, Quartiles. Range, Quartile deviation, Mean deviation from Mean, Median & Mode. Standard deviation and coefficient of variation.

Module - 3: Probability **15 Hrs**
Probability: Random Experiment, Equally likely outcomes, Sample space. Classical or mathematical definition of probability – Mutually exclusive events – Complement of an event, dependent event, independent event, conditional probability (simple problems).

Module - 4: Hypothesis Testing **15 Hrs**
Formation of Null and alternative Hypothesis. Level of significance, Type I and Type II errors, Hypothesis testing – T-test, Z-test Test for single mean and difference between two means only. Chi-Square test (Simple Problems)

Module - 5: Correlation & Regression **10 Hrs**
Scatter diagram, Karl Person & Spearman's correlation of coefficient. Regression, Properties of regression co-efficient, coefficient of determination.

Module - 6: Index Numbers **5 Hrs**
Fisher price index number, Consumer price index number and its special use.

Module - 7: Time Series - Components of Time Series **5 Hrs**
Trend analysis by moving averages and least squares method (linear)

Module - 8: Diagrammatic & Graphical Representation of Data **5 Hrs**
Diagrams: Utilities, Limitations, construction of one dimensional, two dimensional and three dimensional diagrams.
Graphs: Utilities, limitations, constitution, Frequency distribution, Histogram, Frequency polygon, Frequency Curve and Ogives.

Skill Development:

(These activities are only indicative, the Faculty member can innovate)

1. **Collection of Data and computation of various averages.**

2. Analysis of data by computing standard deviation and coefficient of variation.
3. Comparing and correlating data.
4. Construction of Index Numbers from the collected data.
5. Presentation of data in graphs and diagrams.

Books for Reference:

- ❖ C. B. Gupta: Statistics, Himalaya Publications.
- ❖ Chikkodi & B. G. Satya Prasad: Business Statistics, Himalaya Publications.
- ❖ Dr. Asthana: Elements of Statistics, Chaitanya.
- ❖ Dr. B. N. Gupta: Statistics, Sahitya Bhavan, Agra.
- ❖ Dr. Sancheti & Kapoor: Statistics Theory, Methods and Application.
- ❖ Ellahance: Statistical Methods.
- ❖ S. P. Gupta: Statistical Methods, Sultan Chand, Delhi.

SEMESTER - IV

C1 12 403: **THEORY AND PRACTICE OF BANKING**

Objective:

- ❖ To acquaint students about the Indian Banking system.
- ❖ To inculcate skills and help acquire functional knowledge about banking, essential in negotiating and interacting with Bankers.
- ❖ To sensitize and create awareness about the recent and emerging trends and advancements in the field on banking.

Module 1: Nature of Banking and functions of a banker

8 Hrs

Functions of Commercial banks, Sources and employment of commercial bank funds, Earning assets of a bank, Creation of credit by banks, Theories of Liquidity and profitability

Module 2: Commercial banks and central banks

8Hrs

Types of Banks: Scheduled and Non- Scheduled Banks, Regional Rural Banks, Development Banks: IFCI, SFC, SIDC, ICICI, IDBI, NABARD.

Types of Banking systems- Branch, Unit, Investment (Development), Universal (Mixed) Banking.

Understand the basic purpose and functions of: Retail banking – Investment banking (securities/trading) – Corporate Banking – Private banking – Co-operative banks.

Micro Credit- Meaning and Importance, Islamic financing-Meaning and Five Basic Principles.

Regulatory Authority-RBI Quantitative and qualitative credit control measures (in detail).

Module 3 - Banker & Customer

4 Hrs

Obligations and rights of a banker, Garnishee Order, Disclosure of information about customers account as required by law (KYC), Law of limitation

Module 4 - Negotiable Instruments

10 Hrs

Essential Characteristics of Negotiable Instruments, Promissory note, Bills of Exchange, Cheque-(meaning and features), Bearer cheques, Crossed cheques, Types of Crossing and Opening of Crossing, Demand draft, Parties to a Negotiable Instrument

Module 5 - Paying and Collecting Banker

10Hrs

Precautions to be taken by a Paying banker, Protection to Paying banker in case of Order cheques, Suitable replies to dishonored cheques. Conversion by Collecting banker, Duties of Collecting banker

Module 6 - Principles of Bank Lending

8 Hrs

Principles of sound lending, Credit worthiness of borrowers, Non-Performing Assets, Modes of creating charge (Lien, Pledge, Hypothecation, Mortgage and its types, Assignment)

Module 7 - Latest trends in banking

8 Hrs

Phone banking- call centers- Internet banking-mobile banking-payment gateways-card technologies-MICR electronic clearing- Total branch computerization-centralized banking-electronic fund transfer-RTGSS-NEFT-Electronic money-E-cheques.

Module 8 - Managing Risk in banking

4 Hrs

Different types of risks - **Basel norms** and its global impact with special emphasis on its implementation in India .

Skill Development:

(These activities are only indicative, the Faculty members can innovate)

1. List latest customer services offered by at least 2 banks of your choice.
2. Prepare a project report for obtaining bank loans.
3. Prepare a report on system and structure of Islamic Banking
4. Collect Account Opening form, Demand Draft, Traveler's cheque, pay-in - slip and paste in your record.
5. List the online services rendered by any three banks.

Books for Reference

- ❖ Sundaram & Varshney: Theory & Practice of Banking.
- ❖ De Kock: Central Banking.
- ❖ Dr. K. N. Prasad & T. Chandradass: Banking and Financial System.
- ❖ Maheswari & Paul. R. R: Banking Theory and Law and Practice.
- ❖ Rudder Datt & K. P. M. Sundara: Indian Economy.
- ❖ S. M. Jha: Services Marketing.

Shekar & Shekar: Theory and Practice of Banking.

SEMESTER - IV
C1 11 404: FINANCIAL MARKETS AND SERVICES

Objective:

To equip students with the knowledge of developments in Financial Markets and Financial Services.

Module - 1: Indian Financial System **12 Hrs**

Overview of Indian Financial System - Capital Market: Introduction - Meaning - Classification and Instruments for Raising Capital - Money Market: Meaning - Instruments - Stock Exchanges: (BSE, OTCEI, NSE, NYSE, NASDAQ, TSE,) - Indices - Listing of securities - Procedure for Trading - Transactions in Stock Exchanges - Depository Services - Clearing and Settlement Services - SEBI: Role, Functions and Challenges - Fund Based and Non- Fund Based Services - Present Scenario

Module 2: Merchant Banking **8 Hrs**

Meaning - Merchant banking services - Scope - Merchant banking practices in - Limitations in the functioning of merchant bankers .

Module-3:Mutual.Funds. **8 Hrs**

Origin - Meaning - Organization Structure - Importance - Types of Mutual Funds - Risks - Present Indian Scenario

Module - 4: Lease Financing **8 Hrs**

Meaning - Types of Leasing - Factors influencing Lease v/s Buy decisions (theory only) - Evaluation of a lease

Module - 5: Factoring **8 Hrs**

Concept - Reasons for Factoring - Types of Factoring - Factoring Mechanism - Benefits of Factoring - Differences between Factoring and Discounting

Module - 6: Venture Capital **8 Hrs**

Concept - Characteristics - Importance - Stages in Venture Financing - - Legal Aspects - Growth of Venture Capital

Module - 7: Credit Rating **8 Hrs**

Introduction - Objectives of Credit Rating - Procedure for Credit Rating - Credit Rating Agencies in : CRISIL, ICRA, CARE - Limitations

Skill Development:

(These activities are only indicative, the Faculty member can innovate)

1. Make a list of innovative financial instruments.
2. Chart showing modus operandi of leasing and hire purchase procedure

3. Chart showing modus operandi of factoring services
4. Chart showing financial services
5. Prepare EMI chart of current interest rates.
6. Draw comparative statement in respect of car loans, home loans, and education loans offered by at least any 3 financial institutions.
7. List out the various retail banking service also compute EMI.

Books for Reference:

- ❖ Avadhani: Financial Services and Markets.
- ❖ Bhole: Indian Financial System.
- ❖ Dr. B. G. Satya Prasad: Industrial Finance.
- ❖ Gordan & Natrajan: Financial Markets and Services.
- ❖ M. Y. Khan & P K Jain: Management Accounting and Financial Analysis.
- ❖ M. Y. Khan: Indian Financial System.
- ❖ P. N. Varshney & D K Mittal: Indian Financial System.
- ❖ Prasanna Chandra: Security Analysis and Portfolio Management.
- ❖ Sharma & Gupta: Financial Services.
- ❖ V. Pattabhi Ram & S D Bala: Management Accounting and Financial Analysis.

SEMESTER - V
C1 12 501: INCOME TAX - I

Objective:

The Objective of the syllabus under this paper is to expose the students to the various important provisions of Income Tax Act relating to computation of Income of individual assessee only.

Module - 1: Introduction

6 Hrs

Brief history of Income Tax – Legal Frame work – Cannons of Taxation – Finance Bill – **Scheme of Income Tax.**

6 Hrs

Definition: Assessee – Person – Assessment year – Previous year – Income – Gross Total Income – Total Income – Agricultural Income (including integration of Agricultural Income with Non – Agriculture Income).

Module - 2: Revenue and Capital Items

4 Hrs

Revenue and Capital (a) Receipts; (b) Expenditure and (c) Losses.

Module - 3: Residential Status and Incidence Of Tax

8 Hrs

Residential status– **Resident – Ordinary & Not ordinary and Non-Resident of individual with incidence of tax.** HUF & company – Residential status only.

Module -4: Exempted Incomes U/S 10

6 Hrs

(Restricted to Individual Assessee) fully exempted and partly exempted incomes – including problems on House Rent Allowance – Leave Encashment – Commutation of Pension – Death-cum-Retirement benefits – Gratuity – compensation received on termination of the service.

Module-5: Income from Salary

30 Hrs

Income from Salary – Features of Salary Income – Basic Salary Allowance - Types – Perquisites – Types section 89(1) – Tax Rebate U/S 88 - Problems.

Module-6: Income from House Property

15 Hrs

Introduction – Annual value under different situations (self occupied – Let out – Partly self occupied partly let out – Portion wise and time wise) – Deductions (u/s 24) – problems.

Skill Development:

(These activities are only indicative, the Faculty member can innovate)

1. Form No. 49A (PAN) and 49B.
2. Filing of Income Tax Returns.
3. List of enclosures to be made along with IT returns (with reference to salary & H.P).
4. Preparation of Form-16.
5. Computation of Income Tax and the Slab Rates.
6. Computation of Gratuity.
7. Chart on perquisites.
8. List of enclosures to be made along with IT returns (with reference to salary and house property incomes)

Books for Reference:

- ❖ B. B. Lal: Direct Taxes, Konark Publisher (P) Ltd.
- ❖ B. S. Raman : Income Tax.
- ❖ Bhagwathi Prasad: Direct Taxes – Law and Practice, Wishwa Prakashana.
- ❖ Dinakar Pagare: Law and Practice of Income Tax, Sultan Chand and Sons.
- ❖ Dr. Girish Ahuja & Dr. Ravi Gupta: Income Tax.
- ❖ Dr. Mehrotra & Dr. Goyal: Direct Taxes – Law and Practice, Sahitya Bhavan Publication.
- ❖ Dr. Vinod K. Singhania: Direct Taxes – Law and Practice, Taxmann Publication.
- ❖ Gaur & Narang: Income Tax.

SEMESTER - V

C112502 : COST AND MANAGEMENT ACCOUNTING - III

OBJECTIVES:

To enable the students to understand the importance of analysis and interpretation of Financial Statements, to equip the students with the adequate skills to prepare various types of analytical statements and to help students to prepare management reports for decision making.

MODULE 1: INTRODUCTION

5 Hrs

Meaning - Nature and Scope of Management Accounting - Relationship between Financial Accounting - Cost Accounting and Management Accounting - **Role of Management Accountant in the Present Scenario.**

MODULE 2: FINANCIAL STATEMENT ANALYSIS

8Hrs

Meaning and concept of Financial Analysis - Types of Financial Analysis - Methods of Financial Analysis - **Problems on Comparative Statements** - Common Size statements - **Trend Analysis.**

MODULE 3: RATIO ANALYSIS

15Hrs

Meaning - Utility and limitations - Classification of Ratios - **Calculation and interpretation of Solvency - Turnover - Profitability & Liquidity ratios.**

MODULE 4: FUNDS FLOW ANALYSIS

15Hrs

Meaning - Concept of Fund and Funds Flow Statement - Uses and significance of funds - Flow Statement - Procedure for preparing FFS - Schedule of changes in working capital - **Statement of sources and application of funds.**

MODULE 5: CASH FLOW ANALYSIS

12Hrs

Meaning and concept - Comparison between Funds Flow and Cash Flow Statements - Uses and significance of CFS - **Preparation of Cash Flow Statement as per IFRS**

MODULE 6 - CONTEMPORARY CONCEPTS

20 hrs

Activity Based Costing; Life Cycle Costing; Target Costing; Kaizen Costing; Balanced Score Card (including problems).

SKILL DEVELOPMENT:

(These activities are only indicative, the Faculty member can innovate).

1. Collection of Financial Statements of any one organization for two years.
2. **Calculation of ratios based on the above financial statement: Profitability ratios - Gross**
3. Profit ratio, Net Profit ratio, ROCE, Current Ratio, Liquid Ratio.

4. Preparation of Funds Flow/Cash Flow Statements with imaginary figure as per Accounting Standards.
5. Draft an imaginary Management Report.
6. Preparation of trend charts of a company of your choice.

BOOKS FOR REFERENCE:

- ❖ Dr . S. N. Maheswari: Management Accounting.
- ❖ AugustinAmaladas and Mary AmalaShanthi: Corporate Financial Knowledge Integration, Himalaya publications
- ❖ I. M. Pandey: Management Accounting.
- ❖ Jain &Narang: Cost and Management Accounting.
- ❖ M. A. Sahab: Management Accounting.
- ❖ PrabhakaraRao: Management Accounting.
- ❖ R. S. N. Pillai&Bagavathi: Management Accounting.
- ❖ Sexana: Management Accounting.
- ❖ Sharma &Shashi Gupta: Management Accounting.
- ❖ Vinayakam: Management Accounting Tools and Techniques

SEMESTER - V

C1 11 503: PRINCIPLES & PRACTICE OF AUDITING

Objective: To facilitate acquisition of Adequate knowledge and practices of auditing and introduction to Standards of Auditing.

Module 1: Introduction to Auditing: (Standards of Auditing(SA200-299) 8 hours

Auditing- meaning, definition. Objectives of an audit - primary & secondary objective. Case Laws on Audit Objectives. Types of Audit - Statutory & Independent Audit. Meaning of errors,-Classification of errors, its detection by an auditor. Frauds - meaning, intention, classification & detection by auditor. Window dressing of financial statements. An overview of Auditing and Assurance Standards issued by ICAI.-EDP audit-Extended Business Reporting Language.

Module 2 - Audit Planning: (Standards of Auditing(SA300-499) 10 hours

Commencing an Audit - Audit Engagement letter, Commencement procedures-
Documentation - Documentation as under SA 230-Audit working papers, Audit files: Permanent and current audit files, Ownership and custody of working papers, materiality, audit evidence and documentation

Formulating an Audit Programme, drawing up the Audit Process. Audit Procedures- Compliance procedures & tests of Detail. Auditing Techniques. Statistical Sampling in Auditing. Vouching & verification

Module 3 - Internal Control: (SIA-12 to 17) 10 hours

Concept of Internal Control, Internal check & Internal Audit, objectives. Features of a good Internal Control System. **Methods of recording existing Internal Control Systems followed by an auditor** - Questionnaire, Check list & flow chart methods. Role of the management. Internal control in specific areas - Sales & debtors, Purchases & creditors, Cash & bank balance/receipts/payments, Fixed Assets, Investments. Review & evaluation of Internal Control Systems, Risk assessment. Reporting to clients on Internal Control weaknesses.

Module 4 - The Company Auditor 10 hours

Appointment of Auditor, Remuneration, Functions, Duties of an Auditor. Rights & Liabilities of an Auditor.

Module 5 - Audit Report. (Standards of Auditing(SA700-799) 7 hours

Auditors Opinion, nature of an Auditors Opinion. Basics of An Audit Report - True & fair view, Audit examination, Information & explanations from the management, Statement of facts Vs Expression of opinion, date of report & signing. Types of Audit Report.Qualifications in the Auditors Report.

Skill Development:

(These activities are only indicative, the Faculty members can innovate)

1. Collect the information about types of audit conducted in any one Organization.
2. Visit an audit firm; write about the procedure followed by them in auditing the books of accounts of a firm.
3. Draft an investigation on behalf of a Public Limited Company.
4. Record the verification procedure with respect to any one fixed asset.
5. Prepare a qualified or clean audit report for a given situation.
6. Case law on depreciation - facts and judgements.
7. List out Mandatory Standards issued by ICAI

Books for reference:

- ❖ B. N. Tandon, S. Sudharsanam & S. Sundharabahu: A Handbook of Practical Auditing, S. Chand & Co. Delhi.
- ❖ B. N. Tandon: Auditing, S. Chandra & co. Ltd., Delhi.
- ❖ D. P. Jain: Auditing, Konark Publishers Pvt. Ltd., Delhi.
- ❖ Dinakar Pagare: Practice of Auditing
- ❖ Dr. T. R. Sharma: Auditing, Sahitya Bhavan, Agra.
- ❖ Jagadeesh Prakash: Auditing.
- ❖ Kamal Gupta & Ashok Arora: Fundamentals of Auditing, Tata McGraw Hill.
- ❖ C.A Institute study material for Inter and final examinations

SEMESTER - V

C1 11 504: COMPANY LAW AND SECRETARIAL PRACTICE

Objective:

The subject makes an attempt to incorporate all basic concepts and practices of management that provides the foundation and legal framework to guide the formative knowledge of Management Concepts.

Module -1: Over View of Companies Act

7 Hrs

Authorities related to company law board – Registrar of companies and SEBI (in brief) – Importance and functions (in brief) – Company Secretary: Qualification, appointment and terminations.

Module - 2: Company Formation

20 Hrs

Overview of Company (History of company)

(a) **Promotion:** Functions and Position of Promoters, steps in promotion, Pre-incorporation contracts, Provisional contract.

(b) Documents to Commence Business:

- **Memorandum of Association:** Meaning and Definition, contents, Doctrine of ultra-vires and Alteration of Memorandum
- **Articles of Association:** Meaning, contents, alteration constructive notice and indoor management.
- **Prospectus:** Meaning, definition, importance, contents, Prospectus by implication, Shelf Prospectus, Red Herring Prospectus, Liability for misstatements and statement in lieu of prospects.
- **Certificate for commencement of business**

Module - 3: Shares

20 Hrs

Allotment - IPO (book building process, only guidelines) - **Legal provisions on allotment - Underwriting Agreements - Underwriting Commissions** - Buyback of shares - Depository system (D-MAT, RE-MAT) - Transmission of Shares.

Members and Shareholders: Meaning of Member - Acquisition of Membership - Termination of Membership - Register of Members.

Share Capital: Meaning of Share and Stock - Differential voting rights - Reduction of Share Capital.

Borrowing and Debenture: **Borrowing powers - Effects of Ultra Vires borrowings** - Mortgage and charge - Debentures - Kinds of Debentures - Debenture Trust Deed.

MCA 21 guidelines.

Module -4: Company Meetings

12 Hrs

Importance of meetings - Types of meetings - **Statutory Annual General and Extraordinary** - Requisites of a valid meeting - Quorum - Chairman - Adjourned Meetings - **Proxies - Voting** - Different types of Resolutions.

Module - 5: Directors

8 Hrs

Need for Directors - **Position of Directors** - Their appointment - Retirement and removal.

Module - 6: Winding Up

8 Hrs

Modes of Winding up - Consequences of winding up - Official Liquidator - Defunct Company.

Skill Development:

(These activities are only indicative – the Faculty member can innovate)

1. Circulate and show the prospectus to class.
2. Circulate and show the agenda to the class.
3. Draft agenda.
4. Circulate and show the directors report.
5. Circulate and show the auditors report.
6. Collect blank share application form and make the class fill it.
7. Drafting of Memorandum of Association - Drafting Articles of Association.
8. Drafting Notice of Company Meetings - Annual - Special and Extra ordinary - Board.
9. Drafting Resolutions - different types.
10. Book building process flow chart.

Books for Reference:

- ❖ A. K. Majumdar & G. K. Kapoor: Company Law & Practice.
- ❖ Avtar Singh: Principles of Company Law.
- ❖ Dr. P. N. Reddy & H. R. Appanaiah: Essentials of Company Law & Secretarial Practice.
- ❖ K. C. Garg & Vijay Gupta: Company Law & Secretarial Practice.
- ❖ M. C. Bhandari: Guide to Company Law Procedure.
- ❖ M. C. Kuchchal: Secretarial Practice.
- ❖ M. C. Shukla & Gulshan: Principles of Company Law.
- ❖ N. D. Kapoor: Company Law & Secretarial Practice.
- ❖ S. C. Kuchehal: Company Law & Secretarial Practice.
- ❖ Taxman: Company Law.
- ❖ Tuteja: Company Administration and Meetings.

SEMESTER - VI
C1 11 601: INCOME TAX - II

Objective:

The Objective of the syllabus under this paper is to expose the students to the various important provisions of Income Tax Act relating to computation of Income of individual assessee only.

Module -1: Profits And Gains From Business And Profession **20 Hrs**

Meaning of business, profession, profits of business or profession, features of assessment of profits and gains, rules for adjustment of profit and loss account, Depreciation u/s 32. Problems on business relating to sole trader only and problems on profession relating to Doctor, Advocate, and Chartered Accountant.

Module - 2: Capital Gains **15 Hrs**

Meaning and kinds of capital asset, transfer, transactions not regarded as transfer, full value of consideration, cost of acquisition, cost of improvement, capital gains exempt from tax, exemptions from capital gains u/s 54. Problems on computation of short term and long term capital gains.

Module - 3: Income from Other Sources **15 Hrs**

General income, specific incomes, treatment of specific incomes, deduction of tax at source with respect to interests, winnings, prizes etc. Problems on computation of taxable income from other sources and deduction u/s 57 and amounts expressly disallowed u/s 58.

Module - 4: Deductions from Gross Total Income **8 Hrs**

(Provisions relating to individuals only) u/s 80 - Deduction in respect of certain payments and deduction in respect of certain incomes.

Module - 5: Carry Forward and Set Off Of Losses **2 Hrs**

(Theory only)

Module - 6: Tax Liability of Individuals **10 Hrs**

Computation of total taxable income and tax liability of an individual.

Module - 7: Income Tax Authorities **5 Hrs**

A brief discussion on

- Income tax officer and powers and functions;
- CBDT - powers and functions;
- Commissioner of Income Tax - powers and functions;
- Types of assessment and rectification of mistakes;
- Recovery of tax and refunds.

Skill Development:

(These activities are only indicative, the Faculty member can innovate)

1. Chart of capital gains index numbers
2. Table of rates of TDS
3. Filing of Income tax returns
4. List of enclosures for IT returns

5. Tax planning

Books for Reference:

- ❖ B. S. Raman: Income Tax
- ❖ B. B. Lal: Direct Taxes, Konark Publisher (P) Ltd.
- ❖ Bhagwathi Prasad: Direct Taxes – Law and Practice, Wishwa Prakashana.
- ❖ Dinakar Pagare: Law and Practice of Income Tax, Sultan Chand and Sons.
- ❖ Dr. Girish Ahuja & Dr. Ravi Gupta: Income Tax
- ❖ Dr. Mehrotra & Dr. Goyal: Direct Taxes – Law and Practice, Sahitya Bhavan Publication.
- ❖ Dr. Vinod K. Singhania: Direct Taxes – Law and Practice, Taxmann Publication.
- ❖ Gaur & Narang: Income Tax.

SEMESTER - VI

C1 11 602: OPERATION RESEARCH

Objective:

To provide a good foundation in the mathematics of Operation Research and appreciation of its potential application. To enable student to grasp the importance of conversion of business problems into mathematical problems and its application in business.

Module - 1: Introduction to Operation Research

4 Hrs

Definitions - Scope - OR Models - Nature - Limitations - Application.

Module - 2: Introduction to Linear Programming

12 Hrs

Introduction - Construction of the LP Model - Graphical LP Solution - Solution of maximization and minimization model.

Module - 3: Simplex Method

14 Hrs

Introduction - Standard LP form and its Basic Solutions - Slack - Surplus and Unrestrictive variables - Simplex Algorithm - Artificial Starting Solution - Big M Method - Minimization of LPP - Duality.

Module -4: The Transportation Problem

14 Hrs

Definition of the Transportation model - the Transportation Problem - Loops in Transportation Table and their properties - the Transportation Method - Linear Programming Formulation of the Transportation Problem - Methods of finding Initial solution - North-West Corner Method - Least Cost Method - Vogel's Approximation Method - Test for Optimality - Dual of Transportation Model - Economic Interpretation of U_i 's and V_j 's - Steps of MODI Method - the Transportation Algorithm - determination of starting solution - Trans-shipment Method.

Module - 5: The Assignment Problem

8 Hrs

Introduction - Mathematical Statement of the problem - Solution Methods of Assignment Problem - Enumeration Method - Simplex Method - Transportation Method - Hungarian Method.

Module - 6: PERT / CPM

8 Hrs

Introduction - Network Analysis - Guidelines for construction of network diagram - Deterministic Time Estimates - Developing a Project - Network - Project Duration & Critical Path - Forward Pass - Backward Pass - Float - Probabilistic Time Estimates - Difference between PERT & CPM.

Skill Development:

(These activities are only indicative, the faculty member can innovate)

1. Supply chain applications
2. Job assignment
3. Drawing network diagram for a project and identify the critical path.
4. Computation of earliest expected time and latest allowable time for events in a project.

Books for Reference:

- ❖ Budnik, Frank S Dennis Mcleaavey & Richard Mojena: Principles of Operation Research, AIT BS, New Delhi.
- ❖ Gould F J: Introduction to Management Science, Englewood Cliffs N J Prentice Hall.
- ❖ Kalavathy S: Operation Research, Vikas Pub Co.
- ❖ Naray J K: Operation Research, Theory and applications, Mc Millan, New Delhi.
- ❖ Richard, I. Levin & Charles A. Kirkpatrick: Quantitative Approaches to Management, McGraw Hill, Kogakusha Ltd.
- ❖ Sharma J K: Operation Research, Theory and Applications, Mc Millan, New Delhi.
- ❖ Srivastava V. K. etal: Quantitative Techniques for Managerial Decision Making, Wiley Eastern Ltd.
- ❖ Taha Hamdy: Operations Research, Prentice Hall of India.

SEMESTER - VI

C1 11 603: SERVICE MANAGEMENT & INSURANCE

Objective:

To understand the growing trends in the service industry and to provide overall knowledge of insurance systems.

PART A: SERVICE MANAGEMENT

Module -1: Introduction

4 Hrs

Meaning and Growth of the service sector - Classification of Services - Characteristics of Services.

Module - 2: Marketing Mix in Service Industry

12 Hrs

Product: Service as a Product - Service Product - Core Service and Peripherals - Managing Service Offering. Price: Pricing of Services - Objectives - Factors influencing Pricing Decisions - Reasons for Price Variations in Service. Place: Place of Buyer and Seller interaction - Location of Premises - Look of Premises and Channels of Distribution Used. Customers' Role in Service Delivery. Promotion: Promotion Techniques - Objectives of Promotion - Guidelines for Promotion Management. Word of mouth communication - People contact and support personnel - Developing customer conscious employees - Empowering People - appraisal and rewarding systems. Process: Designing the service process - Blue Printing - Automation - Customization - Service Production and Consumption Process. Physical Evidence: Essential and Peripheral Evidence - Physical Facilities - Appearance of Personnel.

Module -3: Knowledge of the Customer

8 Hrs

Customer involvement in Service Process - Customer Behaviour in Service Settings - Targeting Customers - Managing Relationships and Building Loyalty.

Module - 4: Managing Service Quality

10 Hrs

Dimensions in Service Quality - Measurement of Service Quality - Expected and Perceived Quality - Gap Analysis - Managing Customer's Reservations and Waiting Lists - Balancing Demand and Capacity External Marketing - Internal Marketing - Interactive Marketing.

PART B: INSURANCE

Module - 5: Introduction to Risk & Insurance

6 Hrs

Evolution and features of insurance - The Concept of Risk -Types of risks -Underwriting of risks.

Module - 6: IRDA

4 Hrs

Introduction - Brief profile of IRDA and its function

Module - 7: Life Insurance

8 Hrs

Introduction - Principles of Life Insurance - Life Insurance Products/Policies - Pensions & annuities - Conditions & privileges - Settlement of claims.

Module - 8: General Insurance

8 Hrs

Fire- Marine - Motor -Terminology - Policies and Subject matter. Engineering - Credit - Home Owners Liability - Health Insurance, Rural Insurance, Aviation & Social Insurance (Terminology only).

Skill Development:

(These activities are only indicative, the Faculty member can innovate)

1. Prepare a chart on conditions to be complied for Star Hotel Status.
2. Procure any two insurance policies (Xerox) and paste them in the record.
3. Visit and Travel and Tour agencies and prepare organization chart.
4. Interact with tourist operators and identify the areas of tourism management.
5. Prepare a chart showing service rendered to customers by at least two Mutual Funds. (preferably a comparative chart)
6. Prepare 7 P's of marketing mix for Banking and Insurance Industry.
7. List any two new policy offers from Private Insurance Companies.
8. Procure any two insurance policies (Xerox) and paste them in record.
9. Get benefit illustrations for any of the investment products of a private life insurance companies.
10. Find out the procedure to become an insurance agent.

Books for Reference:

- ❖ Cengiz Haksever etal: Service Management and Operations; Pearson Education.
- ❖ Dr. S. Shajahan: Service Marketing (Concept, Practices & Cases); Himalaya Publishing House; Mumbai; First Edition 2001.
- ❖ Lovelock Christopher: Services Marketing - People, Technology, Strategy; Pearson Education Asia, Delhi; First Indian Reprint, 2001.
- ❖ Shanker Ravi: Services Marketing - The Indian Perspective; Excel Books, New Delhi; First Edition; 2002
- ❖ Sharma: Services Management.
- ❖ Venugopal Vasanthi & Raghu V.N: Services Marketing; Himalaya Publishing house; Mumbai; First Edition 2001.
- ❖ Dr. N. Premavathy: Principles and Practice of Insurance.
- ❖ Dr. P. K. Gupta & K P Singh: Insurance Fundamentals, Deep & Deep Publications.
- ❖ Mishra M N: Insurance Principles & Practice, S. Chand & Co.
- ❖ Panda G S: Principles and Practices of Insurance.

SEMESTER - VI

C1 11 604: CORPORATE KNOWLEDGE INTEGRATION

Objective:

To test the comprehension of the basic concepts of Financial Accountancy, Cost and Management Accounting, Statistics, Taxation, Mathematics, Operation Research, Financial Management, Economics & Marketing. To enable the student to inter-relate these concepts to business decision making.

Module-1: Financial Accounting & Financial Applications 8 Hrs

Preparation of final accounts with advanced adjustments both horizontal and vertical form. Depreciation accounting - Methods written down value - Straight line and Block assets method and their impact on various financial statements and business decisions. Methods of valuation of inventory FIFO & LIFO and its impact on financial statements and business decisions. Financial implications of various types of capital structure.

Module-2: Management Accounting Applications 5 Hrs

Analysis of Financial Statements - Ratios - Cash Flow its application in analyzing and interpreting the financial performance of the firm - Cash crunch problems.

Module-3: Cost Accounting Applications 7 Hrs

Applications of marginal costing to business decisions marking - P V Graph - Make or buy - Determination of optimum level of activity - Profitable product mix - Problem of key or limiting factor - Accept or reject decision.

Module - 4: Statistical, Mathematical & Economic Applications 5 Hrs

Statistical tools for decision making - Use of statistical tools - (time series) to estimate costs - Volume and profit of the firm - Preparation of flexible budget - Financial & tax implication of these concepts. Rate of change by using differential calculus, learning curve applications in business.

Module-5: Integration Of Accounting And Management Techniques 5 Hrs

Application based problems for business decision making.

Skill Development:

(These activities are only indicative, the Faculty member can innovate)

1. Application of Financial Accounting / Management Accounting / Cost Accounting / Statistics & Income Tax - Tools & Technique for Business decision making.

Books for Reference:

- ❖ Colin Drury: Management & Cost Accounting.
- ❖ Hansen & Mowen: Cost Management.
- ❖ Ravi M Kishore: Cost Accounting & Financial Management.
- ❖ Richard, Levin: Statistics for Managers.

- ❖ S. C. Gupta: Fundamentals of Statistics.
- ❖ Singhanian: Income Tax.
- ❖ Taha: Operation Research.
- ❖ V. K. Saxena & C. D. Vashist: Advanced Cost & Management Accounting.

