

## **II SEMESTER**

### **201: MARKETING MANAGEMENT**

Objective: to develop an understanding of the concepts, issues and strategies in marketing and its management.

Unit – I Importance and Scope of Marketing: Concepts of Marketing; Marketing Management Tasks; Marketing Environment; Marketing and Customer Value - Industrial Marketing, Services Marketing, Global Marketing.

Unit –II: Marketing Information System and Marketing Research; Consumer Behaviour and Buying Decision Process – Organization Buyer Behaviour – Market Segmentation and Targeting.

Unit – III: Development of Marketing Offerings Strategy – New Product Development– Product line and Decisions–Product-mix–Product Differentiation – Product Life Cycle Management - Brand Management - Packaging.

Unit – IV: Pricing Strategies and Programs; Setting the Price – Adapting the Price – Initiating Response to Price Changes - Delivering Value: Designing and Managing Value Networks – Channels of Distribution.

Unit – V : Communicating Value: Designing and Managing Marketing Communications – Advertising – Direct Marketing and Personal Selling – Sales Promotion – Events and Public Relations and Public Relations : Competitive Marketing Strategies- Emerging Trends in Marketing: Networking Marketing-Viral Marketing-Ambush/Guerilla Marketing-Green Marketing-Direct Marketing etc.

(Case Study is compulsory in all Units)

## **202: FINANCIAL MANAGEMENT**

**Objective:** to equip the students with basic principles of Financial Management and Techniques.

Unit- I: Nature , Scope and Objectives of Financial Management, Goals of FM-Profit Maximization Vs Wealth Maximization – Finance Functions – Financial Planning and Forecasting - Role of Financial Manager – Funds Flow Analysis – Cash Flow Analysis.Ratio Analysis.

Unit-II: Financing Decision: Financial Leverage – EPS-EBIT Analysis –Cost of Capital – Weighted Average Cost Capital – Capital Structure – Factors Affecting Capital Structure Theories of Capital Structure.

Unit – III: Investment Decision: Nature and Significance of Investment Decision- Estimation of Cash Flows – Capital Budgeting Process – Techniques of Investment Appraisal: Pay Back Period; Accounting Rate of Return, Time Value of Money- DCF Techniques –Net Present Value, Profitability Index and Internal Rate of Return.

Unit-IV: Dividend Decision: Meaning and Significance – Theories of Dividend – Determinants of Dividend – Dividend policy – Bonus Shares – Stock Splits.

Unit – V: Working Capital Decision: Meaning – Classification and Significance of Working Capital – Component of Working Capital - Cash Management Models – Cash Budgeting – Accounts Receivables – Credit Policies – Inventory Management.  
(Case Study is compulsory in all Units)

## **203: HUMAN RESOURCE MANAGEMENT**

**Objective:** to equip the students with basic concepts of Human Resource Management and the various functions of HRM including Industrial Relations in the liberalized environment

Unit-I: Introduction: Definition and Functions of HRM; Principles of HRM; Changing Environment of HRM; Challenges; Ethical Aspects of HRM.

Unit –II: HR Planning; Concepts; Factors Influencing ; HR planning ; HR Planning Process; Job Analysis ; Recruitment and Selection; Tests and Interview Techniques .

Unit –III: Training and Development – Need, Process, Methods and Techniques, Evaluation, Management Development; Evaluating Employee Performance; Career Development and Counselling.

Unit – IV: Compensation – Concepts and Principles; Influencing Factors; Current Trends in Compensation – Methods of Payment – Incentives and Rewards.

- Unit –V: Managing Industrial Relations – Trade Unions – Employee Participation Schemes
- Collective Bargaining – Marketing Knowledge Workers.  
(Case Study is compulsory in all Units)

## **204: OPERATIONS MANAGEMENT**

Objective: to acquaint the students with decision making process and various aspects of Production Management.

Unit –I : Introduction : Nature and Scope of Production and Operation Management Historical Evolution – Types of Manufacturing Systems – Differences Between Manufacturing and Service Operations Role of Production and Operation Manager.

Unit-II: Production Planning and Control: Stages in PPC – Gantt – PPC in Mass, Batch, and Job Order Manufacturing-Aggregate Planning – Maintenance Management – Industrial Safety.

Unit-III: Plant Location: Facility Location and Layout Planning –Types of Layouts – Material Handling Equipments – Material Handling Principles – Models Used in Lay Out Designs.

Unit- IV: Productivity: Factors, Affecting Productivity – Job Design – Process Flow Charts – Methods Study – Work Measurement – Engineering and Behavioral Approaches.

Unit –V: Material Management –Cost Associated with Inventory – Economic Order Quantity – ABC Analysis - Materials Requirement Planning – Just In – Time Production Total Quality Management – Acceptance Sampling – Control Charts – Quality Circle – Zero Defects Programmes – ISO 9000 – Application of Computer in Production and Operations.  
(Case Study is compulsory in all Units)

## **205 : OPERATIONS RESEARCH**

Objective: To make the students familiar with operations research tools in the business decision making.

**UNIT-I :** Introduction – Define Operations Research – Significance of OR -Nature of OR – Characteristics OR -Scope of OR in Management – Types of Models in OR – Methodology of OR - Linear Programming - Definition – Assumptions in LP Models – Applications of LP – Limitations of LP models – Graphical Method – Canonical and Standard Forms of LPP – Simplex Method – Big-M Method – Two Phase Simplex Method – Duality – Dual Simplex Method.

**UNIT-II :** Transportation Models – Northwest Corner Method – Least Cost Method – Vogel's Approximation Method – Test for Optimality using MODI method – Assignment Models – Hungarian Methods-Minimisation – Maximisation –Travelling Salesman Problem.

**UNIT-III :** Game Theory – Game – Value of the Game –Saddle Point – Two Person Zero Sum Game – Pure Strategy – Mixed Strategy – Rule of Dominance – Graphical Methods –  $2 \times n$  –  $m \times 2$  – Method of Matrices approach – Method of LPP – Simulation – Event Type Simulation - Queing Problem – Job Sequencing Problem.

**UNIT-IV :** Decision Theory - Types of Decision Making Environments – Maximax Criterion – Wald Criterion –Savage Criterion – Hurwicz Criterion – Baye's Criterion –Expected Monetary Value Criterion – Expected Opportunity Loss Criterion –Expected Value of Perfect Information –Decision Tree Analysis(including problems) - Queing Theory- M/M/1 , M/M/c Models only.

**UNIT-V :** Dynamic Programming – Capital Budgeting Problem – Product Allocation Problem – Shortest Path Problem – Assignment Problem – Network Analysis – Critical Path Method – Project Evaluation and Review Technique – Crashing.

## **COMPUTER APPLICATIONS IN MANAGEMENT**

Objective: The objective of this course is to provide an insight into basic features of Computer Systems and their Applications in Managerial Decision Making.

Unit-I: Introduction to Computer Concepts – Elements of computer – Characteristics of a Computer – Classification of Computers – Basic Computer Architecture – Input-output Devices

Unit-II Software Concepts: Types of software – Software: its nature and qualities — Windows Operating System Functions -

Unit-III: MS Office- Applications of MS Word in Business Correspondence: letters, tables, mail merge, labels

Applications of MS Excel: Graphs and Charts – Calculation of various financial functions - Ms Access: Tables and Queries

Unit-IV: MS Power Point: Introduction – Toolbar, their Icons and Commands – Navigating in Power point - Creation of slides, animation, and templates - Designing Presentations – Slide show controls – Making notes on Pages and Handouts – Printing Presentations – Customizing Presentations - Auto content Wizard.

Unit-V: Computer Networks: Overview of a Network – Communication processors – Communications Media – Types of Network – Network Topologies- Network protocols – Network Architecture.

## **CP - 207: RESEARCH METHODOLOGY FOR MANAGEMENT**

Objective: To equip the students with the basic understanding of research methodology and to provide insight into the application of modern analytical tools and techniques for the purpose of management decision making.

Unit – I: Meaning and Importance of Research – Research Process – Types of Research – Defining Research Problem – Formulation of Hypothesis – Testing of Hypothesis.

Unit – II: Research Design – Exploratory Research – Descriptive Research – Casual Research – Sampling and Sampling Design – Sampling Methods – Simple Random Sampling – Stratified Sampling – Systematic Sampling – Cluster Sampling – Multistage Sampling, Non-Probability Sampling – Convenience Sampling – Judgement Sampling – Quota Sampling.

Unit – III: Data Collection – Primary and Secondary Data – Designing of Questionnaire – Measurement and Scaling – Nominal Scale – Ordinal Scale – Interval Scale – Ratio Scale – Guttman Scale – Likert Scale – Schematic Differential Scale.

Unit – IV: Editing – Coding – Classification of Data – Tables and Graphic Presentation – Preparation and Presentation of Research Report.

Unit – V: Non Parametric Tests – Kolmogorov – Smirnov Test – Runs Test for Randomness – Sign Test – Median Test – Multivariate Analysis – Multiple Regression Analysis – Concepts and Application of Discriminate Analysis and Factor Analysis.