SSN COLLEGE OF ENGINEERING, KALAVAKKAM - 603110  
(Autonomous Institution Affiliated to Anna University Chennai)  
REGULATIONS 2018  
CHOICE BASED CREDIT SYSTEM  
MASTER IN BUSINESS ADMINISTRATION  
CURRICULA AND SYLLABI  

**SEMESTER I**

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*No end semester exam. Only continuous evaluation.*
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LEARNING OUTCOMES

CO–1 To have a broader understanding of principles relating to micro and macro economics.

CO–2 Familiarity with the application of these principles in business.

UNIT – 1 INTRODUCTION


UNIT – 2 CONSUMER & PRODUCER BEHAVIOUR


UNIT – 3 PRODUCT AND FACTOR MARKET

Market Structures: Perfect Competition, Monopoly, Monopolistic Competition, Oligopoly – Characteristics –Comparison between Perfect Competition and Monopoly – Price fixation under different market structures - Price Discrimination.

UNIT – 4 PERFORMANCE OF ECONOMY


UNIT – 5 MACRO ECONOMIC PROBLEMS & ROLE OF MONEY


TOTAL SESSIONS: 56

TEXT BOOK:


REFERENCE BOOKS:

LEARNING OUTCOMES

CO-1 Demonstrate an understanding of basic concepts in Statistics and their applications.

CO-2 Identifying the business problem and applying suitable statistical tests for the predetermined data set to solve the business problem.

CO-3 Formulate and use appropriate models of data analysis to find feasible solution for business-related problems.

CO-4 Understand and communicate from the statistical outputs into managerial recommendations.

UNIT -1 DESCRIPTION 8


UNIT – 2 PROBABILITY 10

Basic definitions and rules for probability – conditional probability independence of events – Baye’s theorem, and random variables - Probability distributions – Binomial – Poisson and Normal distributions.

UNIT – 3 SAMPLING DISTRIBUTION AND ESTIMATION 9

Sampling techniques – Introduction to sampling distributions – sampling distribution of mean and proportion – application of central limit theorem – Estimation – Point and Interval estimates for population parameters of large sample and small samples – determining the sample size.

UNIT – 4 INFERENTIAL STATISTICS 19

Parametric tests - one sample and two sample tests for means and proportions of large samples (z-test) - one sample and two sample tests for means of small samples (t-test) - F-test for two sample standard deviations - ANOVA one and two way.

UNIT – 5 PREDICTIVE STATISTICS


TOTAL SESSIONS: 56

TEXT BOOKS:

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**LEARNING OUTCOMES**

CO-1 Describe and explain the basic organizational behavior theories and principles, and analyze their influences in the workplace.

CO-2 Analyze and explain individual human behavior in the workplace and the factors that influence them.

CO-3 Describe the factors that influence group behavior such as group cohesiveness, communication, conflict, leadership, power and politics.

CO-4 Portray how Organizational Culture, Climate, Change & Development can have influence on organizational effectiveness.

CO-5 Analyze a given situation and identify causes for the situation and recommend alternate courses of action.

**UNIT -1 INTRODUCTION**


**UNIT – 2 INDIVIDUAL BEHAVIOUR (1)**


**UNIT – 3 INDIVIDUAL BEHAVIOUR (2)**

UNIT – 4 GROUP BEHAVIOUR


UNIT – 5 DYNAMICS OF ORGANIZATIONAL BEHAVIOUR


TOTAL SESSIONS: 42

TEXT BOOK:


REFERENCE BOOKS:

LEARNING OUTCOMES

CO-1 To identify financial transactions, journalize them, draw up a trial balance and prepare final accounts

CO-2 To read, analyze, interpret, and evaluate the financial performance of companies using financial tools such as ratio analysis, funds flow and cash flow analyses

CO-3 To compare and evaluate the performance of companies

CO-4 To be able to interpret cost accounting statement and apply various methods of costing

CO-5 To be able to analyze and evaluate information for cost ascertainment, planning, control and decision making

CO-6 To be able to solve cases and extract relevant information in the above areas

CO-7 To be able to prepare financial planning statements and their usage in strategic decision making and control

UNIT -1 FUNDAMENTAL PRINCIPLES OF ACCOUNTING (10+3)


UNIT – 2 JOINT STOCK COMPANIES (12+3)

Meaning and Definitions – Types of Companies – Formation or incorporation of company – Share Capital – Final Accounts of Companies – Profit or loss prior to incorporation – Procedures for calculating profit prior to incorporation – Examples

Ind AS1 – important disclosure norms

UNIT -3 FINANCIAL PERFORMANCE ANALYSIS (14+3)

Uses, scope and limitations of financial statement analysis – Precautions in comparison – Comparative analysis – Common Size analysis – Trend analysis
Ratio Analysis – meaning and definitions – objectives – Merits and Demerits – Classification of Ratios


UNIT -4 COST AND MANAGEMENT ACCOUNTING (12+3)


Process Costing – Meaning and Definitions – difference between process costing and job costing – preparing process costing – Treatment of Normal Loss, Abnormal Loss and Abnormal Gain – Treatment of Stock in the process accounts – Introduction to Activity Based costing and advantages with examples

Marginal costing - Meaning and Definitions – Characteristics – Assumptions – Advantages – Limitations – BEP Analysis – BEP Charts – CVP Application in decision making


UNIT- 5 FINANCIAL PLANNING AND CONTROL (8+2)

Meaning of Budget – Characteristics – Essentials of Budget – Advantages and Limitations – Classification of Budgets – Budget Preparation Process – Forecasting Methods - Performance Budget -Zero Based budgets -Budgetary Controls

TOTAL SESSIONS: 70

TEXT BOOKS:

**REFERENCE BOOKS:**

LEARNING OUTCOMES

CO-1 Familiarity with the laws that have an influence on business
CO-2 An appreciation of the spirit behind the various laws that influence business
CO-3 A basic understanding of what can be done and what cannot be done within the legal framework.

UNIT -1 LAW OF CONTRACTS

A. General Principles of Law of Contracts:


Performance of contracts – offer to perform - contracts which need not be performed, performance by whom, demand of performance by whom, time and place of performance – Breach of contract and its remedies

B. Special contracts:

1. Bailment - pledge, lien, indemnity and guarantee

2. Sale of Goods - Types and formation contract of sale - conditions and warranties - transfer of property - performance of sales contracts - rights of an unpaid seller - auction sales


UNIT-2 CONSUMER PROTECTION ACT AND INTRODUCTION OF CYBER LAWS


**UNIT-3 OTHER MISCELLANEOUS LAWS**

Payment of Wages – what is wage, rules for payment of wages, deductions from wages. Employees Provident Fund – application, basic wages employee, EPF Scheme, Employees pension Scheme. Gratuity- scope of coverage, payment, forfeiture and exemptions.FEMA – regulation and management of foreign exchange, directorate of enforcement and its powers.

Business and fundamental rights under the Constitution [Art. 12, 14, 19(1)(g)]

**UNIT-4 LAWS PERTAINING TO BUSINESS ORGANIZATIONS**


B. Partnership - Definition, formation, partnerships and other associations, duration, rights and duties of partners to one another, types of partners, reconstitution of partnership.

C. Limited Liability Partnerships – Introduction, Incorporation of LLP, duties, rights and liabilities of partners, partnership v. LLP.


E. Corporate insolvency and resolution under IBC – Definition of corporate person, corporate debtor, debt, default, insolvency professional, financial and operational creditors. Insolvency resolution process – who can file an application, admission, moratorium and public announcement, appointment of insolvency professional (IP), Powers and duties of IP, members and meeting of committee of creditors, submission of resolution plan, order by NCLT.

**UNIT-5 BUSINESS TAXATION**

Income Tax- Assessment year, previous year, assessee, residential status, business, capital assets, company, dividend, scope of income, manufacturing, person, profits and gains from business – an overview of allowable expenses, allowances, exemptions and deductions from profits and gains from Business, Tax avoidance and evasion versus tax planning.

GST- Introduction, unique features, taxable event, classification, valuation, input tax credit.

**TOTAL SESSIONS: 42**
REFERENCE BOOKS:


LEARNING OUTCOMES

CO-1 Demonstrate the basic concepts of management and its theories.

CO-2 Describe the functions of management and roles of managers.

CO-3 Describe how the managerial tasks of planning, organizing, directing and controlling can be executed in a variety of circumstances.

CO-4 Appreciate the use of qualitative and quantitative information to formulate best control methods.

UNIT -1 INTRODUCTION


UNIT -2 PLANNING


UNIT -3 ORGANIZING


UNIT -4 STAFFING & DIRECTING


UNIT -5 CONTROLLING
Process of Controlling – Types of Control - Budgetary and Non-budgetary control techniques –Purchase control - Process control – Cost control - Quality control& tools – Inventory control.

TOTAL SESSIONS: 28

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AN ILLUSTRATIVE LIST OF AREAS:

Introduction to Business Communication – process, barriers

Non-verbal communication

Grammar

Active Listening

Oral communication – Structuring and delivering a talk

Articulation

Inter-personal communication

Active Reading skills – speed reading

Comprehension – written and spoken

Presentation skills

Vocabulary – Introduction to etymology – business jargon

Good writing – basic grammar

Business letters and reports

Email etiquette

Summarizing and paraphrasing

Group Discussion

Debating

Effective telephone conversation

Celebrity introduction
Cross-cultural communication
Content writing
Conducting meetings
Interviewing skills

**TOTAL SESSIONS: 28**

**SUGGESTED REFERENCES:**

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**LEARNING OUTCOMES**

CO-1 Understand key concepts in the field of Business Intelligence and its important role in helping businesses achieve their goals

CO-2 Be more productive and creative in their use of Excel for business data analysis and reporting

CO-3 Use powerful excel functions like Lookup functions and others to undertake more dynamic calculations and analysis; as well as use Text functions to manipulate data into desired formats

CO-4 Employ Goal Seek and Scenario Manager to conduct sensitivity analysis and solve practical business problems

CO-5 Utilize Pivot tables and slicers to conduct more effective data manipulation and analysis

CO-6 Create effective charts and dashboards in Excel for improved data visualization, Import data using Power Pivot

CO-7 Design and develop model to enhance decision making process

**UNIT -1 OVERVIEW OF THE BASICS OF EXCEL**

Understanding Excel files, Ribbon and shortcuts - Protecting and un-protecting worksheets and cells - Excel Versions - Entering data using Autofill (Number Series) - Creating your own custom list - Cell referencing (Relative, Absolute and Mixed) - Named ranges - Using merger and centre - Text Wrapping

**UNIT -2 WORKING WITH FUNCTIONS**

Basic Excel Functions(Sum, Max, Min, Count, Average) - Logical Functions (AND, OR, NOT) - Writing conditional expressions (using IF) - Nesting: Combining simple functions to create complex functions - Calculation of CAGR - Aggregation / Power Functions (CountIF, CountIFS, SumIF, SumIFS, AverageIF, AverageIFS, OFFSET, INDIRECT), Filtering IFS Functions by a Variable Value - Using lookup and reference functions (VLOOKUP, HLOOKUP, MATCH, INDEX, LOOKUP) - Vlookup with Exact Match, Approximate Match - Using VLookUp to consolidate Data from Multiple Sheets - Date and time functions
- Text functions - CHOOSE Function - Database functions (Daverage, Dcount, Dcounta, Dget, Dmax, Dmin, Dproduct, Dstdev) - Formula Error, Array formula –Simple finance functions.

UNIT -3 DATA VALIDATIONS
Specifying a valid range of values for a cell - Specifying a list of valid values for a cell - Specifying custom validations based on formula for a cell.

UNIT -4 SORTING AND FILTERING DATA
Sorting tables - Using multiple-level sorting - Using custom sorting - Filtering data for selected view (AutoFilter) & Removing Duplicates - Using advanced filter options – Sparklines

UNIT -5 WHAT IF ANALYSIS
Goal Seek - Data Tables - Scenario Manager - Sensitivity analysis

UNIT -6 FORMATTING
Using auto formatting option for worksheets - Using conditional formatting option for rows, columns and cells - Rows to repeat at the top etc., gridlines

UNIT -7 WORKING WITH REPORTS
Creating subtotals - Multiple-level subtotals - Creating Pivot tables - Formatting and customizing Pivot tables - Consolidating data from multiple sheets and files using Pivot tables - Consolidating multiple sets of data into single workbook - Show Value As (% of Row, % of Column, Running Total, Compare with Specific Field) - Viewing Subtotal under Pivot - Creating Slicers – Using Pivot Tables and Slicers to describe data

UNIT -8 CHARTS
Using Charts - Formatting Charts - Data Visualization – Power BI, Power Query

TOTAL SESSIONS: 28
LEARNING OUTCOMES

CO-1 Demonstrate a familiarity and understanding of principles and concepts in management.

CO-2 Demonstrate knowledge of contemporary issues that have an impact on the business and industry.

CO-3 Apply the relevant knowledge gained to read situations, analyze and solve tactical business problems.

CO-4 Ability to communicate effectively, to achieve organizational and individual goals.

CO-5 Work in teams of diverse people to meet organizational goals.

CO-6 Demonstrate leadership skills appropriate for managerial roles in organizations.

CO-7 Identify and appreciate the ethical issues in management decision area.

CO-8 Ability to pursue lifelong learning.

UNIT 1 8

Marketing- Evolution and Meaning in the contemporary context - Challenges and Opportunities- Role of Marketing in the organizational processes and effectiveness - Value creation- Meaning and Purpose - Product types - Marketing to consumers, Business/Institutions, Government - Services Marketing- Reorientation of organisations with customer centricity.

UNIT 2 8

Marketing Plan- Strategic Inputs- Planning Process- Environmental scanning- Internal and External Consistencies- Growth avenues with leverage on marketing- Insight into strategic planning Processes
UNIT 3
Understanding of Buyer Behaviour and decision making processes in Consumer & Industrial products and Services - Markets, Structure and Analysis of Competition and Managerial actions.

UNIT 4
Segmentation- targeting- Positioning- Marketing Mix – Product and Brand management.

UNIT 5
Pricing options, methods - evaluation- Distribution channel systems - design and control - Franchising and Retailing.

UNIT 6
Mass communication and Sales Promotion - Public relations - Enhancing marketing efficiency in Digital environment- Personal selling – Stages in selling cycle- sales force efficiency enhancement.

UNIT 7
Marketing Research and Information Systems - Customer relationship management processes - Ethical Issues in Marketing - Emerging Issues in marketing - Global Markets and marketing.

TOTAL SESSIONS: 56

TEXT Book:
**LEARNING OUTCOMES**

**CO-1** Discuss and describe the various functions of a Human Resource Manager including staffing and selection, training and development, performance appraisal, compensation and Career Mgt.

**CO-2** Apply human resource management concepts across a variety of contexts, situations and incidents to draw up suitable plans for various HR functions for a given situation.

**CO-3** Identify and evaluate the HR practices in a company in the context of its culture and business environment.

**UNIT -1 INTRODUCTION AND PERSPECTIVES OF HUMAN RESOURCE MANAGEMENT**


**UNIT -2 THE CONCEPT OF BEST FIT EMPLOYEE**

UNIT -3 TRAINING AND EXECUTIVE DEVELOPMENT


UNIT -4 SUSTAINING EMPLOYEE INTEREST


UNIT -5 PERFORMANCE EVALUATION, EMPLOYEE DISCIPLINE AND GRIEVANCE


TOTAL SESSIONS: 42

TEXT BOOK:


REFERENCE BOOKS:

LEARNING OUTCOMES

CO – 1 Understand the role and functions of finance in organisations and apply them in the appropriate context

CO – 2 Understand the importance of time value of money, valuation of financial assets and apply them from the investment point of view.

CO – 3 Understand the various types of risks, measurement of risks and ability to analyze them from the context of financial assets

CO – 4 Able to analyse and determine optimum cost of capital and analyse capital investment decisions of projects based on capital budgeting techniques

CO – 5 Able to assess working capital needs and effective management of current assets and financing decisions

UNIT -1 INTRODUCTION TO FINANCIAL MANAGEMENT

Interface between Finance and Other Functions – Financial decisions in an organisation - Interface between goal of the firm, responsibility of finance manager and financial system - Profit Maximization versus Shareholder Wealth Maximization – Agency Problem – Risk – Return trade off.


UNIT -2 TIME VALUE OF MONEY

Concept of Time Lines – Determinants of time value of money - Mechanics of compounding and Discounting – Future Value of a single amount – Future value of an annuity – Present
Value of a single amount – Present Value of an annuity – Calculation of the annual percentage yield - effective rate of interest - nominal interest rate.


UNIT -3 RISK AND RETURN AND LEVERAGES


Analysis and Impact of Leverage (Business and Financial Risk) - Understanding the difference between business risk and financial risk - Usage of break-even analysis in a variety of analytical settings - Operating leverage, financial leverage, and combined leverage – Implications of leverages

UNIT – 4 CAPITAL BUDGETING


UNIT -5 WORKING CAPITAL MANAGEMENT


26
• **Inventories** - Role of Inventories in Working Capital, Cost of carrying inventories, Inventories planning and tools and techniques

• **Receivables** – Purpose and cost of Maintaining Receivables, Impact of Credit Policy and Process of Credit Evaluation - Monitoring Receivables - Tools and techniques.

• **Cash** - Difference between profits and cash, Factors affecting cash management and Internal Treasury Controls - Tools and techniques of determining optimum cash

**TOTAL SESSIONS: 42**

**TEXT BOOKS:**

**REFERENCE BOOKS:**
LEARNING OUTCOMES

CO-1 Critical understanding of an integrated and structured approach to planning and decision-making for a competitive advantage through operational excellence.

CO-2 Appreciation of the role of Operations Management functions, recognise its interfaces with other functional areas and with its external environment.

CO-3 Basic knowledge of problem solving techniques in the field of operations management.

CO-4 Apply appropriate management tools in the design, operation and improvement in the creation of a firm's products and services.

UNIT -1 INTRODUCTION TO OPERATIONS MANAGEMENT 6


UNIT -2 DESIGNING OPERATIONS 9


UNIT -3 PLANNING AND CONTROL OF OPERATIONS 9

Demand Forecasting – Need, Types, Objectives and Steps - Overview of Qualitative and Quantitative methods - Overview of Sales and Operations Planning - Master Production Schedule – MRP - MRP II and ERP - Resource Planning CRP and DRP - Scheduling - work
centres – nature, importance - Priority rules and techniques - Shop floor control - Flow shop scheduling - Johnson’s Algorithm – Gantt charts

UNIT -4 SOURCING AND SUPPLY MANAGEMENT  

UNIT -5 FUNDAMENTALS OF QUALITY MANAGEMENT  

TOTAL SESSIONS: 42

TEXT BOOK:

REFERENCE BOOKS:
LEARNING OUTCOMES

CO-1 To demonstrate a basic understanding of various aspects of business research methodologies.

CO-2 To describe the research process to solve business problem.

CO-3 Carry out literature review that synthesizes and evaluates literature in a specific topic area

CO-4 To identify appropriate techniques associated with qualitative and quantitative business methodologies.

CO-5 To design a research activity for a given business situation

CO-6 To design and develop a business research report and to learn how to communicate the results and acknowledge the ethical implications of the research.

UNIT -1 INTRODUCTION


UNIT-2 RESEARCH DESIGN

Research design – Definition – Types of research design – exploratory and causal research design – Descriptive and experimental design – different types of experimental design – Validity of findings – internal and external validity – Measurement and scaling – Attitude measurement - Different scales – Construction of scales – Validity and Reliability of instrument.

UNIT-3 DATA COLLECTION

Types of data – Primary Vs Secondary data – Methods of primary data collection – Focus group – Depth interview – Projective Technique - Survey Vs Observation – Methods of
Secondary data – Construction of questionnaire and instrument – Sampling plan – Sample size – determinants optimal sample size – sampling techniques – Probability Vs Non-probability sampling methods.

UNIT-4 DATA PREPARATION & ANALYSIS

UNIT-5 REPORT DESIGN, WRITING AND ETHICS IN BUSINESS RESEARCH

TOTAL SESSIONS: 42

TEXT BOOKS:

REFERENCE BOOKS:
**COURSE CODE** | **COURSE TITLE** | **L** | **T** | **P** | **C**
---|---|---|---|---|---
PBA1206 | BUSINESS INFORMATION SYSTEMS | 3 | 0 | 0 | 3

**LEARNING OUTCOMES**

**CO-1** Describe and distinguish the various types of business information systems and their roles in running a business organization.

**CO-2** Describe the fundamental concepts of database and design simple database using E-R diagram and normalization concepts.

**CO-3** Describe and apply various methodologies, tools and techniques to analyze and design business information systems.

**CO-4** Describe business intelligence tools, techniques and its applications.

**CO-5** Describe the new information technologies available to businesses today and its applications.

**CO-6** Demonstrate an awareness of ethical issues related to usage of IS.

**CO-7** Plan and undertake a group project, prepare and deliver structured verbal and written report.

**UNIT -1 INTRODUCTION TO INFORMATION SYSTEMS** 8


**UNIT -2 DATABASE AND KNOWLEDGE MANAGEMENT** 10

Database Fundamentals - Traditional File Approach - DBMS - RDBMS - Designing Databases – Normalization - ER Diagram–SQL Query - Big Data - Data Warehouses and
UNIT -3 BUSINESS INTELLIGENCE  

UNIT -4 DEVELOPING INFORMATION SYSTEMS  

UNIT -5 NEW IT TRENDS AND IS SECURITY  

TOTAL SESSIONS: 42

TEXT BOOKS:

REFERENCE BOOKS:
LEARNING OUTCOMES

CO-1 Define and explain the various concepts and techniques of operations research and their applicability to business situations.

CO-2 Translate a real-world problem, given in words, into a mathematical formulation.

CO-3 Use the relevant mathematical model(s) to make optimal decisions under conditions of certainty, risk and uncertainty.

CO-4 Use appropriate software tools to solve problems in operations research and interpret the results to aid decision making under various operational constraints in an organization.

UNIT -1 INTRODUCTION TO OPERATIONS RESEARCH AND LINEAR PROGRAMMING


Linear Programming – Formulation - Solution by Graphical and Simplex methods - Big M/ Penalty - Special Cases - Principles of Duality- Sensitivity Analysis.

UNIT – 2 LINEAR PROGRAMMING EXTENSIONS

Transportation Models (Minimising and Maximising Problems) – Balanced and unbalanced Problems – Initial Basic feasible solution by N-W Corner Rule - Least cost and Vogel’s approximation methods - Check for optimality by MODI method – Degeneracy - Transhipment Models.

Assignment Models (Minimising and Maximising Problems) – Balanced and Unbalanced Problems - Hungarian and Branch and Bound Algorithms - Travelling Salesman problems - Crew Assignment Models.
UNIT– 3 GAME THEORY (7+3)

Game Theory-Two person Zero sum games-Saddle point - Dominance Rule - Convex Linear Combination (Averages) - methods of matrices - graphical and LP solutions.

UNIT – 4 SIMULATION AND DECISION THEORY (7+3)

Decision making under risk – Decision trees – Decision making under uncertainty- Monte-Carlo simulation

UNIT – 5 QUEUING AND REPLACEMENT MODELS (7+3)

Queuing Theory - Single and Multi-channel models – infinite number of customers and infinite calling source.

Replacement Models-Individuals replacement Models (With and without time value of money) – Group Replacement Models.

TOTAL SESSIONS: 56

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AN ILLUSTRATIVE LIST OF AREAS:

Introduction to Business Communication – process, barriers

Non-verbal communication

Grammar

Active Listening

Oral communication – Structuring and delivering a talk

Articulation

Inter-personal communication

Active Reading skills – speed reading

Comprehension – written and spoken

Presentation skills

Vocabulary – Introduction to etymology – business jargon

Good writing – basic grammar

Business letters and reports

Email etiquette

Summarizing and paraphrasing

Group Discussion

Debating

Effective telephone conversation

Celebrity introduction
Cross-cultural communication

Content writing

Conducting meetings

Interviewing skills

TOTAL SESSIONS: 28

SUGGESTED REFERENCES:


2. NageshwarRao and Rajendra Das, Business skills, HPH


COURSE CODE | COURSE TITLE | L | T | P | C
---|---|---|---|---|---
PBA1211 | DATA ANALYSIS II | 0 | 0 | 2 | 2

LEARNING OUTCOMES

CO1: Demonstrate an understanding of basic concepts in Statistics and their applications using SPSS / R

CO2: Formulate and use appropriate models of data analysis to find feasible solution for business-related problems using SPSS / R

CO3: Understand and communicate from the statistical outputs into managerial recommendations using SPSS / R

UNIT -1 DESCRIPTIVE STATISTICS
Introduction to SPSS / R - Descriptive Statistic - Creating and editing a data file - Managing Data - Computing New variables - Recoding Variables - Mean, Median, Mode - Variance and Standard Deviation - Maximum, Minimum, Range, Sum - Descriptive Statistic - Normal Distribution - Skewness and Kurtosis - Percentiles and Quartiles - Stem and Leaf and box plot - Creating Graphs.

UNIT – 2 TESTING OF HYPOTHESIS (PARAMETRIC)
t-Test - One sample t-test - Two sample t-test - Paired sample t-test - F Test (ANOVA)

UNIT – 3 TESTING OF HYPOTHESIS (NON PARAMETRIC)
Chi-square Tests - KS Test - Mann–Whitney U test - Kruskal Wallis test

UNIT – 4 CORRELATION & REGRESSION
Correlation and Regression – Bi-variate Correlation - Simple Linear Regression - Multiple Regression.

TOTAL SESSIONS: 28