Semester-I

Course Name: Principles of Management and Organizational Behaviour

Mode: Offline Credits: 5 (Theory)

BBA (BA) - 101

Aim of the course: The Aim is to facilitate students understand the conceptual framework of management and organizational behaviour in order to equip them with the expertise to manage organizations effectively.

Course Objectives: Objectives of this course to enlighten students with basic perspectives of management, which includes the conceptual framework and different theories of management with an emphasis on its functional dimensions and practices in contemporary world. Furthermore, this course intends to educate the students regarding various dimensions of organizational behaviour covering individual and group behaviour in organizational context with an insight of handling contemporary organizational concerns.

Sl	Graduate attributes	Mapped modules
CO1	The students will acquire knowledge of theories &	M1, M4
	practices of Management.	
CO2	The students shall Understand the fundamentals and	M1,M2, M3, M4
	functions of Organizational Management Process with its	
	different horizons.	
CO3	The students will apply Communication and Leadership Skills	M3, M5
	for Problem Solving and Decision Making.	
CO4	The students will Analyze and Assess Individual Behaviour	M4, M5
	and Group Behaviour for effective organizational functioning.	
CO5	The students shall Analyze the Contemporary Organizational	M3, M4, M5
	Trends, Culture, Challenges and Conflicts.	
CO6	The students shall Evaluate the effectiveness of	M2, M3, M4,M5
	Organizational Management functioning from the	
	perspective of Contemporary Changes.	
CO7	The students will Create the knowledge base and develop the	M2, M3, M4,M5
	avenues required for practical management application.	

Learning Outcome:/Skills:

The students will be able to exhibit the utility of the theories, functions, processes of management in contemporary corporate world. They will also attain the skills required to craft effective organizational operations by applying the different avenues of managerial decision making in various organizational contexts with significant manifestations of cultivating organizational change. Moreover, the knowledge gathered regarding applicability of the concept of organizational behaviour will enable the students to demonstrate professional competence in practical field. The

understanding of individual and group behaviour of people in the organization will develop the expertise among students to analyze the complexities associated with organizational management.

Module Number	Content	Total Hours	%age of questions	Bloom's Level (applicable)
M 1	Management: Concept & Theories	10	15	L1, L2
M 2	Planning & Organizing	6	12	L2, L5,L6
M 3	Directing, Controlling & Change Management	14	30	L2, L3, L5,L6
M 4	Introduction to OB & understanding Individual Behaviour	10	25	L2, L3, L5,L6
M 5	Understanding Group Behaviour	10	18	L3, L4,L5, L6
Total		50	100	

Detailed Syllabus:

Module 1 : Management: Concept & Theories:

Concept, Nature, Significance, Management as a Science or an Art, Management & Administration, Managerial Skills and Managerial Roles;

Schools of Management Thoughts- Taylor's Scientific Management Theory, Fayol's Administrative Theory, Elton Mayo's Human Relations Approach, Max Weber's Bureaucratic Theory, Systems Theory, Contingency theory, Peter Drucker's contribution to Management.

Total Hours: 10

Module 2 : Planning & Organizing:

Planning- Nature, Importance, Levels, Types, Limitations; Planning Premises, BCG, MBO;

Decision Making-Concept, Process;

Organizing-Concept of Line, Line & Staff, Functional, Project, Matrix organization structure; Concept of Departmentation, Span of Control, Authority, Responsibility, Accountability, Delegation,

Centralization and Decentralization.

Total Hours: 6

Module 3: Directing, Controlling & Change Management:

Motivation – Concept, Significance, Theories-Maslow, Herzberz, McClelland, Alderfer, McGregor, Vroom;

Leadership - Concept, Significance; Theories- Charismatic, Trait, Behavioural;

Leadership styles-Power Orientation, Managerial Grid;

Communication-Concept, Process, Significance;

Controlling-Concept, Process, Significance;

Financial Control, Operational Control;

Change Management-Concept, Drivers of change, Planned Change Process, Change through Organization Development.

Total Hours: 14

Module 4: Introduction to OB & understanding Individual Behaviour:

Concept of OB, Disciplines contributing to OB;

Personality- Concept, Determinants, Theories-Psychoanalytic theory, Trait theory, Self Theory;

Perception-Concept, Influencing factors, Perceptual process, Perceptual distortion;

Attitude: Concept, Components-ABC model;

Learning: Concept, Process, Cognitive theory of learning.

Total Hours: 10

Module 5: Understanding Group Behaviour:

Group Dynamics- Concept, Types, Stages of Group Development;

Power and Political behavior- Power Dynamics, Power tactics, Causes and Consequences of organizational politics;

Conflict-Concept, Process, Conflict management techniques

Total Hours: 10

- 1. L.M. Prasad Principles and Practices of Management, Sultan Chand & Sons, New Delhi
- 2. S. P. Robbins, Organizational Behaviour, Prentice Hall
- 3. V.S.P. Rao & V.Harikrishnan Management-Text and Cases, Excel Books, New Delhi
- 4. Stoner, J. etc., Management. 6th ed., New Delhi. Prentice Hall of India
- 5. Koontz O. Donald Principles of Management, Tata McGraw Hill, New Delhi.
- 6. Fred Luthans, Organizational Behaviour, McGraw Hill
- 7. Dr. Harpreet Singh and Parampal Singh Principles and Practices of Management, Kalyani Publishers, Delhi

- 8. Madhukar Shukla , Understanding Organizations Organizational Theory & Practice in India, Prentice Hall
- 9. Koontz, H and Wechrich. H, Management, New York. McGraw Hill
- 10. J. W. Newstrom & K. Davis, Organizational Behaviour, McGraw Hill.

Course Name: Basic Mathematics and Descriptive Statistics

Mode: Offline Credits: 5(4L+1T)

Aim of the Course: The aim is to achieve knowledge of the basic mathematics and statistics and how to apply it to real life business problems.

Course Objective:

The course is designed to provide a basic applied knowledge of mathematics and statistics. The students will be able to apply the number system & basic algebra, set theory, determinants and matrices, limits, continuity, differentiation & integration, data collection, frequency & distribution, measures of central tendency and measures of dispersion for solving business problems involving statistical problems.

СО	Course Outcome	Mapped modules	Program Outcome
CO1	Remembering	M1, M2, M3, M4, M5, M6,	PO1, PO2, PO3
		M7, M8	
CO2	Understanding the course	M1, M2, M3, M4, M5, M6,	PO1, PO2, PO3
		M7, M8	
CO3	Applying the general problem	M1, M2, M3, M4, M5, M6,	PO1, PO2, PO3,
		M7, M8	PO4
CO4	Analyse the problems		
CO5	Evaluate the problems after		
	analysing		
CO6	Create using the evaluation		
	process		

Module	Content	Total	Percentage of	Bloom's Level
Number		Hours	questions	
M1	The Number System and Basic Algebra	8	10 %	L1, L2, L3
M2	Set Theory and Functions & Permutation and Combination	9	15 %	L1, L2, L3, L4
M3	Determinants and Matrices	6	10 %	L1, L2, L3
M4	Limits, Continuity, Differentiation and Integration	10	15 %	L1, L2, L3, L4, L5

M5	Collection , Editing and Presentation of data	5	10%	L1, L2, L3
M6	Frequency Distribution	6	10%	L1, L2, L3,
M7	Measures of Central Tendency	8	15%	L1, L2, L3, L4, L5
M8	Measures of Dispersion	8	15%	L1, L2, L3, L4, L5
Total		60	100%	

SI.	Topic/Module	Hours
1.	Module 1: The Number System – Positive and Negative Integers, Fractions, Rational and Irrational Numbers, Real Numbers, Problems Involving the Concept of Real Numbers.	8
	Basic Algebra – Algebraic Identities, Simple Factorizations, Equations: Linear (in Single Variable and Simultaneous Equations) and Quadratic; Surds and Indices; Logarithms and Their Properties; Problems Based on Surds, Indices and Logarithm.	
2.	Module 2: Set Theory and Function —Introduction, Representation of sets, Types of sets, Basic operations on sets; Laws of set algebra; Cardinal number of a set, Venn Diagrams, Application of set theory to the solution of problems. Concept of functions. Permutations and Combinations — Fundamental principle of counting, Factorial notation. Permutation: Permutation of n different things, of things not all different, restricted permutations, circular permutations. Combination: Different formulas on combination, complementary combination, restricted combination, Division into groups. Mixed problems on permutation and combination.	9
3.	Module 3: DeterminantsDeterminants of order 2 and 3, minors and cofactors, expansion of determinants, properties of determinants, Cramer's rule for solving linear simultaneous equations in two or three variables. Matrices Different types of matrices, Matrix Algebra – addition, subtraction, scalar multiplication and multiplication of matrices, Singular and non-singular matrices, orthogonal matrices, adjoint and inverse of a matrix.	6
4.	Module 4:Limit, Continuity, Differentiation: Limit, continuity, meaning & geometrical interpretation of differentiation, standard derivatives, rules for calculating derivatives (1 st order) of powers of x, of exponential and logarithmic functions, of trigonometric functions, of implicit functions, of parametric forms. Integration: Meaning, standard formulas, Integration by substitution, Integration by parts (excluding trigonometric functions) and basic definite integration.	10
5.	Module 5: Collection, Editing and Presentation of Data: Primary data and secondary data, methods of collection of data, scrutiny of data. Presentation of data: textual and tabular presentations. Diagrammatic representation of data: Line diagrams, Bar diagrams, Pie charts, multiple-bar diagram and divided-bar diagrams.	5
6.	Module 6: Frequency Distributions - Attribute and variable, Frequency distribution of an attribute; Discrete and continuous variables, Frequency distributions of discrete and continuous variables. Diagrammatic representation of a frequency distribution: case of	6

	an attribute; case of a discrete variable: column diagram, frequency polygon and step			
	diagram; case of a continuous variable: histogram and ogive.			
7.	7. Module7: Measures of Central Tendency Definition and utility, Characteristics of a			
	good			
	average, different measures of average, Arithmetic Mean, Median, Other positional			
	measures – quartiles, deciles, percentiles, Mode, Relation between Mean, Median and			
	Mode, Geometric and Harmonic Mean.			
8.	Module 8: Measures of Dispersion Meaning and objective of dispersion,	8		
	Characteristics of a good measure of dispersion, Different measures of dispersion –			
	Range, Quartile deviation, Meandeviation, Mean Absolute deviation, Standard			
	deviation, Comparison of the different measures of dispersion. Measures of relative			
	dispersion – Coefficient of Variation. Combined mean and standard deviation.			
	Introduction to Skewness, Kurtosis, Moments.			

- 1. H. S. Hall & S. R. Knight Higher Algebra; Radha Publishing House.
- 2. Reena Garg -- Engineering Mathematics; Khanna Publishing House.
- 3. D. C. Sancheti & V. K. Kapoor Business Mathematics; Sultan Chand & Sons.
- 4. R. S. Soni Business Mathematics; Pitambar Publishing House.
- 5. N. G. Das -- Statistical Methods (Combined edition volume I & II); McGraw Hill Education.
- 6. J. K. Sharma -- Business Statistics, fifth edition; Vikas Publishing house.

Semester-II

Paper Code: BBA(BA) - 201
Inferential Statistics and Application (Theory)
Total Credit: 3 (2L+1T/week)
Total hours of lectures: 45 hours

Course Name: Inferential Statistics and Application (Theory)

Mode: Offline Credits: 3

Aim of the Course: The aim is to achieve knowledge of the statistical methods in analyzing data and how to apply it to real life business models.

Course Objective:

- 1. The objective is to familiarize students with the basic elements of statistical methods in estimation of population parameters.
- 2. This paper also benefits students to familiarise themselves with various methods of hypothesis testing and their properties, along with applications in business.
- 3. They can learn to solve ample practical examples to illustrate the principles and methods using programming language.

Serial	Course Outcome	Mapped modules	PO
No.			
1	Remembering	M1, M2, M3, M4, M5, M6, M7	PO1, PO2, PO3
2	Understanding the course	M1, M2, M3, M4, M5,M6, M7	PO1, PO2, PO3
3	Applying the general problem	M1, M2, M3, M4, M5, M6, M7	PO1, PO2, PO3, PO4
4	Analyse the problems	M1, M2, M3, M4, M5, M6, M7	PO4, PO5
5	Evaluate the problems after analysing	M1, M2, M3, M4, M5, M6, M7	PO4, PO5, PO6
6	Create using the evaluation process	M6, M7	PO7

Module	Content	Total Hours	Percentage of	Bloom's Level
Number			questions	
M1	Theory of Probability	8	20%	L1, L2, L3, L4, L5
M2	Theoretical Probability	15	30 %	L1, L2, L3, L4, L5
	Distribution			
M3	Sampling Theory	6	10 %	L1, L2, L3, L4, L5
M4	Estimation	8	20 %	L1, L2, L3, L4, L5
M5	Hypothesis Testing	8	20%	L1, L2, L3, L4, L5
Total		45	100%	

SI.	Topic/Module	Hours
1.	Module 1: Theory of Probability: Probability as a concept, Random experiment, Important terminology, Classical definition of probability, Axioms, Mutually exclusive events and independent event, Conditionalprobability, Independent events, Bayes' Theorem (without proof) and application.	8
2.	Module 2: Theoretical Probability Distribution: Discrete and Continuous random variables; Expectation value; Mean and Variance of a Random Variable; Theorems on expectation (without proof); Probability mass function and density function; Discrete distributions – The Binomial distribution and its properties; The Poisson distribution and its properties; Poisson approximation to binomial distribution. Continuous distributions – Normal distributions.	12
3.	Module 3: Sampling theory: Meaning; Sampling versus complete enumeration; Types of sampling; Random and non-random sampling; Different types of random sampling; Sample Statistic and Population Parameter; Standard error; sampling distribution of the sample mean and the sample proportion; Some Basic Distributions used in sampling theory: Standard normal distribution; Student's t-distribution.	5
4.	Module 4: Estimation: Point and interval estimation; Criteria of a good estimator; Point Estimation – The Method of Maximum Likelihood; Properties of maximum likelihood estimator; Interval Estimation – Interval estimates and confidence intervals; Calculating interval estimates of the mean and proportion from large samples.	7
5.	Module 5: Hypotheses Testing: Concepts basic to the hypothesis testing procedure; Steps in Hypothesis testing; Type I and Type II errors; Two-tailed and one-tailed tests of hypotheses. Use of z-distribution, t-distribution. Hypothesis testing of means when the population standard deviation is known / not known; Hypothesis testing of proportions; Hypothesis testing for differences between means and proportions.	8

- 1. J. K. Sharma: Business Statistics, Fifth Edition, Vikas Publishing house.
- 2. Alexander Holmes: Introductory Business Statistics, OpenStax, XanEdu PublishingInc.
- 3. N. G. Das -- Statistical Methods (Combined edition volume I & II); McGraw Hill Education.
- 4. Ken Black: Business Statistics: For Contemporary Decision Making, Wiley.

Paper Code: BBA(BA) - 291
Inferential Statistics and Application Lab using Python
Total Credit: 2 (2hrs/week)
Total hours of lectures: 30 hours

Course Name: Inferential Statistics and Application Lab using Python

Mode: Offline Credits: (2P)

SI.	Topic/Module	Hours
1.	Module 6: Introduction to Python:	12
	Python Language – Characteristics, Reasons for Popularity, Application Areas,	
	Data Types.	
	Control Statements – If-Else, Loops.	
	Functions in Python	
	Introduction to Lists	
2.	Module 7: Use of different libraries for Statistical Computation:	18
	Statistics Module: Mean, Median, Mode, Variance, Standard Deviation	
	Random Module: Sampling	
	Pandas Library: Opening csv file, Correlation, Mean Absolute Deviation,	
	Quartile, Decile, Contingency Table and Conditional Probability	
	NumPy Library: Percentile, Binomial and Poisson Distribution	
	SciPy: Linear Regression, Normal Distribution, Chi-Square Test, t-distribution	
	Matplotlib Library: Histogram, Boxplot.	

- 1. Satish Jain, Shashi Singh: Programming and Problem Solving through Python Language, BPB Publications.
- 2. Rituraj Dixit: Data Analysis with Python, BPB Publications.

Course Name: Financial Accounting

Mode: Offline Credits: 5 (Theory)

BBA (BA) - 202

Course Objective

Students will gain a comprehensive understanding of financial accounting and demonstrate their knowledge by effectively recording various types of business transactions. The curriculum will cover the fundamentals of accounting, including sole proprietorship, partnership, and company accounts. The teaching methodology will incorporate a combination of classroom lectures, engaging PowerPoint presentations, practical problem-

CO	Course Outcome	Mapped modules	<u>co</u>	<u>PO</u>
			Mapping	Mapping
1	Concepts of Financial Accounting	Module 1	1	P02
2	Application of Accounting and Financial	Module 2, 3,4,5	2	P05, P08
	Statement Analysis			
3	Analyse the concepts of depreciation	Module 6	3	P02, P05
	and reserves			
4	Evaluation and Rectification of Error	Module 7	4	P05

solving exercises, assignments, and active classroom participation.

<u>Module Number</u>		<u>Content</u>	<u>Total Hours</u>	<u>% age of</u>	Bloom's	<u>s</u>
				questions	<u>Level</u>	
M1		Basic of Accountancy	10	20%	L1,L2	
M2		Final Account	10	15%	L2,L3	
M3		Financial Statement and Ratio	10	15%	L2,L4	
M4		Company Accounts	10	20%	L2,L3,L4,I	_5
M5		Partnership	9	20%	L2,L3,L4,I	_5
М6		Depreciation	5	5%	L2,L3,L4,I	_5
	_M7	BRS and Rectification	6	5%	L2,L3,L4,I	_5
<u>SI.</u>		Topic/Mo	<u>dule</u>		Hour	
1.	Module 1 Introduction to Financial Accounting: Meaning and Scope of Accounting; the users of financial accounting information and their needs; Accounting Principles: Accounting Concepts and Conventions, GAAP; Accounting Transactions: Accounting Equation, Journal, Rules of debit and credit, Ledger, Trial Balance, Cash Book. (single column, double column,) Accounting Standards: Introduction, Objectives of Accounting Standards, Advantages of Accounting Standards, Accounting Standards in India and IFRS, GAAP Vs. Accounting Standards Vs. IFRS.					

	Module 2				
	Final Accounts:				
	Introduction, Meaning, Objectives and Characteristics of Final Accounts; Final				
2.	Statements of Sole Proprietorship without adjustment, Adjustments in	10			
	Preparation of Final Statements.				
	Module 3				
	<u>Financial Statement Analysis using Ratios</u>				
3.	Concept of Financial Statement, Sources of Information, Necessities of analysis,				
	Techniques, Types of analysis, Horizontal Analysis, Vertical Analysis, Ratio	10			
	Analysis, Financial Ratios—Meaning, Usefulness of Financial Ratios, Analysis of				
	Ratio, Liquidity Ratios, Solvency Ratios, Profitability Ratios and turnover Ratios,				
	Limitations of Ratio Analysis				
	Module 4				
	Company accounts:				
4.	Issue of shares (application, allotment, first call, final call), Calls in arrear &				
	forfeiture of shares, Re-issue of shares	10			
	Module 5				
	Partnership Accounts:				
5.	Meaning and Features, Partnership Deed and Contents; Admission and	_			
	Retirement of partners. Only Concept of Garner Vs. Murray rule	9			
	Module 6				
	<u>Depreciation and Provisions:</u>	5			
6.	Concept of depreciation; Causes of depreciation; depletion, amortization;				
	Depreciation accounting; Methods of recording depreciation; Straight line and				
	diminishing balance method, (mainly Sale of Machinery & Changing the				
	methods of depreciation i.e. Straight line to Diminishing method and vice versa.				
	Module 7				
_	Bank Reconciliation Statement and Rectification of Errors				
7.	Introduction, Meaning of Bank Reconciliation Statement, Importance of Bank	_			
	Reconciliation Statement, Reasons for Difference, Procedure for Reconciliation;	6			
	Rectification of errors: Concept, Need and Types of Errors.				
	(Focus mainly on Theoretical Background.)				

- 1. Ashoke Banerjee: Financial Accounting, Excel Books
- 2. Basu & Das: Financial Accounting, Rabindra Library
- 3. Ramchandran Kakani: Financial Accounting for Managers, TMH
- 4. P. C. Tulsian: Financial Accounting, Pearson.
- 5. M. Hanif, A. Mukherjee: Financial Accounting, TMH.
- 6. Dr. S. N. Maheshwari, Sharad K. Maheshwari: Financial Accounting for BBA, Vikas Publishing House Pvt. Ltd
- 7. Prof. Amitabha Basu: Financial Accounting , Tee Dee Publication