

Bachelor of Business Administration (Financial Investment Analysis)BBA (FIA)

Category I

DSC 1: FINANCIAL ACCOUNTING & ANALYSIS

Course Title	Total Credits	Components			Eligibility Criteria/ Prerequisite	Prerequisite if any
		L	T	P		
Financing Accounting and Analysis	4	3	1	0	Class XII Pass	NIL

Course Objectives: To familiarize students with the mechanics of preparation of Financial Statements; understanding Corporate Financial Statements in the light of IFRS or Indian Accounting Standards, their analysis and interpretation; understanding of beyond Balance Sheet indicators to project corporate performance; prediction of financial crisis of a business enterprise.

Learning Outcomes: with this course the student will:

Understand the process of recording and classifying business transactions and events, Creating and understanding Financial Statements of Sole Proprietor, viz., Profit & Loss Account, Balance Sheet. Understand the financial statements of company as per IFRS/Ind-AS. Analyse the Financial Statements from the perspective of different stakeholders using horizontal and vertical analysis tools; and learning to use beyond balance sheet indicators for analysing corporate performance. Understanding of financial distress or bankruptcy prediction, introduction to earnings management

Course Contents:

Unit 1 (16 hours)

Introduction to Financial Accounting. Basic Concepts and Conventions: Business Entity, Dual Aspect, Going Concern, Accounting Period, Money Measurement, Accrual, Disclosure, Materiality, Consistency, and Conservatism. The Accounting Equation. Understanding Assets, Liabilities, Revenues, and Expenses. Understanding Capital Expenditure, Revenue Expenditure, Deferred Revenue Expenditure, Capital Receipts, and Revenue Receipts. Nature of Accounts and Rules of Debit and Credit. Recording transactions in General Journal. Preparation of Ledger Accounts. Opening and Closing Entries. Preparation of Trial Balance.

Unit 2 (16 hours)

Preparation of Financial Statements: Preparing Trading Account, Profit & Loss Account and Balance Sheet for a Sole Proprietor. Format for preparing financial statements for IND-AS companies as per Division II, Schedule III, Companies Act, 2013. Understanding of Financial Statements of a Joint Stock Company as per new accounting standards: IND-AS (Balance

sheet, Profit & Loss, Statement of Comprehensive Income, Cash Flow Statement); Understanding the contents of a Corporate Annual Report (Actual latest annual reports to be used).

Unit 3 (12 hours)

Global Accounting Standards/IFRS: Meaning & need for globalisation of accounting standards, Adoption versus Convergence, Need for convergence of Indian GAAP with IFRS; Benefits of achieving Convergence with IFRSs to different stakeholders in India. Salient features of Ind-AS/IFRS (Fair Value Accounting, Substance versus form, Time value of money). Introduction to Indian Accounting Standards (Ind-AS); Understanding IND-AS 1:

Presentation of Financial Statements, IND-AS 7: Cash Flow Statement, IND-AS 109: Financial Instruments.

Unit 4 (16 hours)

Analysing Financial Statements: Objectives of Financial Statement Analysis; Sources of information; Standards of Comparison; Techniques of Financial Statement Analysis (Through a case study of real company) - Ratio analysis, Cash flow analysis, Net working capital analysis, Trend analysis. Use of ratios to predict financial crisis of a company by using Altman Z –score. Use of Beyond the Balance Sheet indicators of analysing financial position of a company. Introduction to Earnings Management.

Essential Readings: Latest editions of the following to be used:

1. Narayanaswamy R. Financial Accounting: A Managerial Perspective. PHI Learning Private Limited, Delhi.
2. Robert N. Anthony, David F. Hawkins, Kenneth A. Merchant. Accounting- Text and Cases. McGraw Hill Education (India) Private Limited, New Delhi.
3. Garg CA Kamal, and Sehrawat Neeraj Kumar. Beginner's Guide to Ind-AS & IFRS. Bharat Law House Pvt. Ltd., New Delhi.
4. Maheshwari S.N., Maheshwari Suneel K., and Maheshwari Sharad K. An Introduction to Accountancy. Vikas Publishing House Private Limited, Noida.

Additional Readings: Latest editions of the following to be used:

1. Lal Jawahar. Corporate Financial Reporting: Theory, Practice & Cases. Taxmann Publications Private Limited.
2. Patricia M. Dechow, Richard G. Sloan and Amy P. Sweeney: Detecting Earning Management, the Accounting Review. 70, No. 2 (Apr., 1995), pp. 193-225.

Teaching Learning Process:

Class room lectures, Case study discussion, Numerical problem solving, Class presentation on the assigned topic by students - individually or in groups, Workshops and Tutorials.

Assessment

Total Marks: 100

Internal Assessment: 25 Marks

End Semester University Exam: 75 Marks

The Internal Assessment of the course may include Class participation, Assignments, Class tests, Projects, Field Work, Presentations, amongst others as decided by the faculty.

Key Words

Generally Accepted Accounting Principles, Financial Statements, Financial Ratios, IFRS, Indian Accounting Standards.

DSC 2: MICROECONOMICS

Course Title	Total Credits	Components			Eligibility Criteria/ Prerequisite	Prerequisite if any
		L	T	P		
Microeconomics	4	3	1	0	Class XII Pass	NIL

Course Objectives: The purpose of this course is to apply micro economic concepts and techniques in evaluating business decisions taken by firms. The emphasis is on explaining how tools of standard price theory can be employed to formulate a decision problem, evaluate alternative courses of action and finally choose among alternatives.

Learning Outcomes:

- Explain the mechanics of supply and demand in allocating goods and services and resources.
- Understand the choices made by a rational consumer.
- Identify relationships between production and costs.
- Define key characteristics and consequences of different forms of markets.

Course Contents:

Unit 1 (12 hours)

Individual demand, market demand, individual supply, market supply, market equilibrium; Elasticities of demand and supply; Price elasticity of demand, income elasticity of demand, cross price elasticity of demand, elasticity of supply.

Unit 2 (16 hours)

Cardinal utility theory; ordinal utility theory: indifference curves, budget line, consumer choice, price effect, substitution effect, income effect for normal, inferior and Giffen goods.

Unit 3 (16 hours)

Optimizing behaviour in short run: product curves, law of diminishing marginal productivity, stages of production; optimizing behaviour in long run: isoquants, isocost line, optimal combination of resources; traditional theory of cost: short run and long run; modern theory of cost.

Unit 4 (16 hours)

Perfect competition: basic features, short run equilibrium of firm/industry, long run

equilibrium of firm/industry, monopoly: basic features, short run equilibrium, long run equilibrium, comparison with perfect competition, welfare cost of monopoly; price discrimination; monopolistic competition: basic features, demand and cost, short run equilibrium, long run equilibrium, excess capacity; oligopoly kinked demand curve model, dominant price leadership model.

Essential Readings:

1. Dominick Salvatore (2009): Principles of Microeconomics (5th edition), Oxford University Press.
2. Pindyck, Rubinfeld and Mehta (2009): Micro Economics (7th Edition), Pearson.

Additional Readings:

Lipsey and Chrystal (2008): Economics (11th edition), Oxford University. Please Note: Latest edition of the readings to be used.

Teaching Learning Process:

Lectures, problems and numerical, term paper, presentations, case studies

Assessment

Total Marks: 100

Internal Assessment: 25 Marks

End Semester University Exam: 75 Marks

The Internal Assessment of the course may include Class participation, Assignments, Class tests, Projects, Field Work, Presentations, amongst others as decided by the faculty.

Key Words

Equilibrium, Rationality, Utility Maximization, Profit Maximization, Market Form.

DSC 3: STATISTICS FOR BUSINESS DECISIONS

Course Title	Total Credits	Components			Eligibility Criteria/ Prerequisite	Prerequisite if any
		L	T	P		
Statistics for Business Decisions	4	3	1	0	Class XII Pass	NIL

Course Objectives: To familiarize the students with various Statistical Data Analysis tools that can be used for effective decision making. Emphasis will be on the application of the concepts learnt to various financial and managerial situations.

Learning outcomes: After the end of the course, students should be able to

- Summarize data sets using Descriptive statistics.
- Analyze the relationship between two variables of various managerial situations.
- Geometrically Interpret Correlation and Regression.

- Develop managerial decision problems using Probability Density Functions and Cumulative Density Functions.

Critical thinking and problem solving: The course will help students understand the characteristics of Analytical thinking that rests on Statistical Methods and Data Analysis approaches.

Course Contents:

Unit 1: Data and its Descriptive Analysis (12 hours)

Quantitative and Qualitative Data, Attributes and variables, Scales of measurement: nominal, ordinal, interval and ratio, Measures of Central Value: Mean, Median, Mode, Measures of Dispersion: Absolute and Relative measures of dispersion – Range, Quartile Deviation, Mean Deviation, Standard Deviation, Moments, Skewness, Kurtosis. Visualization of Data: Histograms, Stem and Leaf Plots, Five Number Summary and Box Plots. Introduction to Big Data: Characteristics and Stages.

Unit 2: Correlation and Regression Analysis (16 hours)

Correlation Analysis: Meaning and significance. Correlation and Causation, Types of Correlation, Methods of studying Simple correlation – Scatter diagram, Karl Pearson's coefficient of correlation, Spearman's Rank correlation coefficient.

Regression Analysis: Meaning and significance, Regression vs. Correlation, Simple Regression model: Linear Regression, R-square and MSE in Regression, Geometric Interpretation of Regression.

Unit 3: Random Variable Analysis (16 hours)

Probability: Meaning and need, Conditional probability, Bayes' theorem, Random Variable-discrete and continuous. Probability Distribution: Meaning, characteristics (Expectation and variance) of Binomial, Poisson, Exponential and Normal distribution, z-score, Chebyshev and empirical rule, Central limit theorem.

Unit 4: Introduction to Estimation and Hypothesis Testing (16 hours)

Estimation: Point and Interval estimation of population mean, Confidence intervals for the parameters of a normal distribution (one sample only), Hypothesis Testing: Null and

Alternate Hypothesis, One Tail and Two tail tests, Level of Significance, Type I and Type II error, Test of hypothesis concerning Mean: z-test & t-test.

Essential Readings:

1. Gupta, S.P., Statistical Methods, Sultan Chand & Sons.
2. Levine, D., Stephan, D., & Szabat, K., Statistics for Managers using MS Excel, Pearson India.
3. Miller, I., & Miller, M., John E. Freund's Mathematical Statistics with Applications, Pearson India.

Suggested Readings:

1. Keller, G., Statistics for Management and Economics, Cengage Learning, New Delhi.
2. Stine, R. and Foster, D., Statistics for Business (Decision making and Analysis). Pearson India.

3. Levin, R. and Rubin, D., Statistics for Management, Pearson India.
4. Evans, J., Business Analytics, Pearson India.

Recommendation:

The students are encouraged to solve real life case studies using Spreadsheet.

Teaching Learning Process:

Class room lectures, Case study discussion, Numerical problem solving, Class presentation on the assigned topic by students - individually or in groups, Workshops and Tutorials.

Assessment

Total Marks: 100

Internal Assessment: 25 Marks

End Semester University Exam: 75 Marks

The Internal Assessment of the course may include Class participation, Assignments, Class tests, Projects, Field Work, Presentations, amongst others as decided by the faculty.

Key Words

Descriptive Statistics, Inferential Statistics, Central Tendency, Measures of Dispersion, Correlation, Regression, Random Variable, Probability Distribution, Testing of Hypothesis.