



Evaluation Scheme & Syllabus

of

Bachelor of Commerce (Honors) in Financial Market

In

Collaboration with BSE Institute Limited.

B.Com (H) FM

(w.e.f. Academic Session 2017)

Faculty of Management

INVERTIS UNIVERSITY

Bareilly

B.Com (H) Financial Management

Programme outcome of **B.Com (H) Financial Management** is to produce competent in the area of Financial management who can employ and implement their logical & analytical knowledge base in business processes and applications which will profoundly influence or utilized for existing paradigm of management, Finance industry, Corporate and whole society to provide sustainable economic edge to present scenario. Students will exhibit contemporary knowledge in various fields of financial management and students will be eligible for doing jobs in various sectors of Stock market, Insurance, Finance industries and other Monetary trades of society.

Programme Outcome of B.Com (H) FM Programme:

- PO1. Financial knowledge: Apply the knowledge of statistics, shares in businesses, industries, and many more.
- PO2. Problem analysis: Identify, formulate, research literature, and analyze complex financial problems reaching substantiated conclusions using financial principles of management practices.
- PO3. Design/development of solutions: Design solutions for complex business problems and design system approaches or processes that meet the specified needs with appropriate consideration for the social upliftment, and the cultural, and environmental considerations.
- PO4. Economic Development: Understand the impact of the professional solutions in societal and Economic context, which will lead to a better growth and GDP of our country.
- PO5. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the management practices as student will deal in monetary field.
- PO6. Ethical Behaviour and Social Responsibility: Identify and analyze ethical conflicts and social responsibility issues involving different stakeholders. Develop viable alternatives and make effective decisions relating to business ethics and social responsibility.
- PO7 . Project management: An ability to use skills and management principles to do work as a member and leader in a team, to manage projects and demonstrate capabilities in new venture creation
- PO 8 Life-long learning : A recognition of the need for, Achieve higher levels of proficiency and self-actualization through pursuing lifelong learning.

Proposed Scheme of Instructions
Instruction Applicable from June 2017
B.Com. (Hons.) in Financial Markets

Year -1 Semester-I

S.no.	Paper code	Paper Name	L+T+P	Credits
1	BFM101	Indian Financial Market (IFM)	3+1+0	4
2	BFM102	Business Organisation and Management	4+1+0	5
3	BFM103	Business Law	4+1+0	5
4	BFM104	Computer Fundamental	2+1+0	3
5	BFM105	English	4+1+0	5
6	BFM 151	Computer Fundamental Lab	0+0+2	2

Year-1 Semester –II

S.no.	Paper code	Paper Name	L+T+P	Credits
1	BFM201	Financial reporting Analysis and Financial Accounting	3+1+0	4
2	BFM202	Micro and Macro Economics	4+1+0	5
3	BFM203	Quantitative Methods & Statistics	4+1+0	5
4	BFM204	Information System	4+1+0	5
5	BFM205	Business Communication	4+1+0	5
6	BFM 295	Comprehensive Viva Voce		6

Year-2 Semester –I

S.no.	Paper code	Paper Name	L+T+P	Credits
1	BFM301	Financial Management	3+1+0	4
2	BFM302	Marketing and selling of Financial Products	3+1+0	4
3	BFM303	Security & Financial Services Regulation	3+1+0	4
4	BFM304	Business Data Processing	2+1+0	3
5	BFM305	Business Statistics	4+1+0	5
6.	BFM 351	Business Data Processing Lab	0+0+2	2

Year-2 Semester –II

S.no.	Paper code	Paper Name	L+T+P	Credits
1	BFM401	Derivatives	4+1+0	5
2	BFM402	Debt Markets	3+1+0	4
3	BFM403	Investment Banking	2+1+0	3
4	BFM404	Simulated Lab	0+0+4	4
5	BFM405	Taxation	4+1+0	5
6	BFM 495	Comprehensive Viva Voce		6

Year-3 Semester –I

S.no.	Paper code	Paper Name	L+T+P	Credits
1	BFM501	Technical Analysis	4+1+0	5
2	BFM502	Foreign Exchange Markets	3+1+0	4
3	BFM503	Commodities Markets	2+1+0	3
4	BFM504	Management Accounting	4+1+0	5
5	BFM505	Investment Banking Operations-I	3+1+0	4

Year-3 Semester –II

S.no.	Paper code	Paper Name	L+T+P	Credits
1	BFM601	Portfolio Management & Financial Planning	3+1+0	4
2	BFM602	Mergers & Acquisitions	3+1+0	4
3	BFM603	BSE Industry Mentored Project- Equity Research	0+0+4	4
4	BFM604	Financial Risk Management	3+1+0	4
5	BFM605	Investment Banking Operations-II	3+1+0	4
6	BFM 695	Comprehensive Viva Voce		6

BFM 101: Indian Financial Market	
Teaching Scheme Lectures: Tutorials: Credits: 4	Examination Scheme Class Test - 12Marks Teachers Assessment - 6Marks Attendance - 12 Marks End Semester Exam - 70 marks

Course Objectives:

1. To gain a broad understanding about the Indian Financial Market
2. To understand the various players in the market and the systems within which they operate
3. To Identify the various products of investment
4. To provide participants with the knowledge of risks and rewards of investing
5. To understand the various regulators and the regulatory environment in these markets
6. To understand the difference between primary and secondary market

Detailed Syllabus

Unit-1 Introduction to Indian financial system
Unit-2 Capital Market and Money Market- comparative study
Unit-3 Financial Instruments and Participants
Unit-4 Alternative Investment Schemes and other Investment Products
Unit-5 Regulator & Regulations, Public Issues and Process
Unit-6 Case studies on IPOs and OFS
Unit-7 Index, Demit and Bolt , Trading
Unit-8 Clearing and Settlement
Unit-9 Investor Services,
Unit-10 Factors affecting share prices
Unit-11 Corporate Actions
Unit-12 Mutual funds-I, Mutual funds-II , Mutual funds - III
Unit-13 International Stock Exchanges
Unit-14 Case studies on current scenario in stock market I & II
Text and Reference Books-
Investing in Stock Market : Vinod Kumar & Raj Sethi Nangia, Ane Books Pvt Ltd India's Financial Market: Ajay Shah, Susan Thomas & Michael Gorham.

Course Outcomes:

1. Enabling students to be conversant with the financial market in general and Stock market in particular.
2. Enabling the student to understand the regulations and regulators who operate in the market.
3. Enabling the student to identify the risks and rewards associated with investment.
4. Understanding the difference between primary and secondary market.
5. Enabling the students to identify the factors affecting the price of a stock.
6. Enabling the student to understand the principles of investment.

BFM 102: Business Organisation and Management	
Teaching Scheme Lectures: 4 hrs/Week Tutorials: 1 hr/Week Credits: 5	Examination Scheme Class Test -12Marks Teachers Assessment - 6Marks Attendance – 12 Marks End Semester Exam – 70 marks

Course Objectives:

- 1) To Gain basic knowledge management principles and concepts.
- 2) To understand the role of business environment in decision making
- 3) To understand the relevance of management thoughts and principles
- 4) To analyze the theories of motivation, leadership and communication.
5. To evaluate different forms of organizations
6. To generate learning about various aspects of staffing, leading and controlling

Detailed Syllabus

Unit-1 Foundation of Indian Business Spectrum of Business Activity
Unit-2 India's experience of globalization, and privatization.
Unit-3 Multinational corporations and Indian transnational
Unit-4 Entrepreneurial opportunities in contemporary business environment
Unit-5 Networking marketing, Franchising, Business Process Outsourcing, E-commerce and M-Commerce
Unit-6 Process of setting up a business enterprise
Unit -7 Forms of business
Unit – 8 Operations
Unit -9 Functional aspects of business
Unit 10 Development of Management Thought
Unit 11 Process of Managing
Unit 12 Motivation – concept and Theories
Unit 13 Leadership– Concept and Theories

Unit 14

Communication – formal and Informal Networks

Unit 15

Management in Perspective

REFERENCES:

- Chhabra, T.N. Principles and Practice of Management. Dhanpat Rai & Co., Delhi.
- Singh, B.P. and T.N. Chhabra. Business Organisation and Management. Dhanpat Rai & Co., Delhi
- Mishra, N. Modern Business Organisation. Sahitya Bhawan, New Delhi.
- Basu. Business Organisation and Management. Tata McGraw Hill, New Delhi.
- Gupta, C.B. Modern Business Organisation. Mayur Paper Backs, New Delhi.

Course Outcomes:

1. Understand the basic concepts of business and management.
2. Demonstrate the roles, skills and functions of management.
3. Understand business environment scanning for effective decision making.
4. Able to find out the importance of motivation, leadership and communication for effective decision making.
5. Able to understand various functioning of organizations.
6. Able to evaluate the functioning of organizations

BFM 103: BUSINESS LAW	
Teaching Scheme Lectures: 4 hrs/Week Tutorials: 1 hr/Week Credits: 5	Examination Scheme Class Test -12Marks Teachers Assessment - 6Marks Attendance – 12 Marks End Semester Exam – 70 marks

Course Objectives

1. After completion of this course, participants should have an understanding and working knowledge of Business Law and its functions.
2. How does law helps in business functioning and a guides right path as well as provide solutions and justice in case of any dispute
3. To identify the fundamental legal principles behind contractual agreements
4. To examine how businesses can be held liable in tort for the actions of their employees
5. To understand the legal and fiscal structure of different forms of business organizations and their responsibilities as an employer
6. To gain basic legal knowledge regarding business transactions

Detailed Syllabus

Unit-1 Introduction- Indian Contract Act 1872 –Contractual; Capacities-legality of contract; Discharge of Contract-modes of discharge including breach and its remedies; Special contracts- indemnity, Guarantee, Quasi contract; Contract of Bailment, Contract of Agency.
Unit-2 Introduction- Sales of Goods Act 1930; Conditions and Warrantees; Transfer of ownership in Goods; Unpaid seller – meaning and rights of an unpaid seller against the goods and the buyer..
Unit-3 The Limited Liability Partnership Act, 2008-Salient Features of LLP, Difference between LLP and Partnership, LLP and Company, LLP Agreement; Incorporation by Registration, Registered Office of LLP and Change Therein, Change of Name, Partners and their Relations, Extent and Limitation of Liability of LLP and Partners.
Unit-4 The Information Technology Act, 2000-Introduction Definitions, Digital signature, Electronic governance Duties of subscribers , Penalties and adjudication; Appellate Tribunal, Offences.
Text and Reference Books- <ol style="list-style-type: none"> 1. Sharma J. P, SunainaKanojia, “Business Laws”, Ane Books Pvt Ltd, New Delhi. 2. Kucchal, M.C., “Business Law”, Vikas Publishing, House (P) Ltd., New Delhi. 3. Singh, Avtar, “The Principles of Mercantile Law”, Eastern Book Company, Lucknow. 4. Maheshwari&Maheshwari, “Business Law”, National Publishing House, New Delhi. 5. Chadha, P. R., “Business Law” Galgotia Publishing Company, New Delhi. 6. Taxmann Publications Pvt. Ltd., New Delhi, “Information Technology Rules 2000 & Cyber Regulations Appellate Tribunal Rules 2000 with Information Technology Act 2000”. 7. P C Tulsyan- Business Law, Tata McGraw-Hill Publishing Company Ltd. New Delhi.

8. Business Law including Company Law- SS gulshan & GK
9. Kapoor- New Age International (P) Limited Publisher New Delhi
10. Akhileshwar Pathak -Legal Aspects of Business-Mc Graw Hills Education (India) Pvt limited, Noida

Note: Latest edition of text book may be used

Course Outcomes:

- 1: Able to explain the basic concepts of law of contract and its formation.
- 2: Able to understand function of law in formation of contract in various cases.
- 3: Able to understand roles of law to identify void and voidable contract in business and the guidelines for Business Units.
- 4: Able to interpret intra-individual, inter-personal roles of law related to business units/groups.
- 5: Able to identify the components of change in Business law and its applications.
- 6: Able to interpret Organizational happenings and their management in the light of business law.

BFM 104: Computer fundamentals	
Teaching Scheme Lectures: 4 hrs/Week Tutorials: 1 hr/Week Credits: 5	Examination Scheme Class Test -12Marks Teachers Assessment - 6Marks Attendance – 12 Marks End Semester Exam – 70 marks

Course Objectives:

1. To recognize about the learning of computer and its functioning.
2. To understand various types of software and how the operating system works.
3. To apply knowledge in Microsoft office.
4. To analyze about protocol used in internet and its functioning.
5. To understand the basics of Operating system
6. To learn for real life experience

Detailed Syllabus

Unit-1 Introduction of Computers: Definition, Major Components, Working, Primary Memory, Secondary Memory, I/O devices
Unit-2 Introduction and tools of Windows operation system. Working with Internet.
Unit-3 Introduction of Microsoft Word, Creating new document Page Layout Writing & Simple Formatting Working with Table Pictures and Chart Mail Merge, Envelopes and Labels
Unit-4 Introduction of Microsoft Power Point: Screen element Basic Tasks in Power point Starting a blank presentation & template Entering Text, Adding new slide & design Image effect Excel chart Video Clips Tables Footer, Date time and Slide number Object and Text animation Transition effect Hyperlink
Unit-5 Introduction of Microsoft Excel: Screen and its elements Working with cells, Formula, Reference and Functions Working with tables Charts Working with multiple spreadsheets Macro Nested Functions Look-Up Mathematical and statistical functions Logical functions Data Analysis: What-if-analysis, Goal-seek analysis Pivot Table
Text and Reference Books- 1. REFERENCES: Introduction to Computers, Alexis Leon, Leon publication, 1999. Computer Fundamentals, P.K. Sinha, BPB, 2004. Microsoft Office Home and Student 2010, Joyce Cox, Microsoft Press, 2010. Office 2016 for Seniors for Dummies, Faithe Wempen, John Wiley & Sons, 6 th edition.

First Look: Microsoft Office 2010, Katherine Murray,

Microsoft Press, 2010.

Step by Step Microsoft Excel 2010, Curtis D. Frye, 6. Baylism John and Smith, Steve, the

Globalization of World Politics, Oxford University, 2005.

Course Outcomes:

1. Understanding the functioning of computer .
2. To analyze various structures of input and output devices on the basis of their function.
3. To understand how internet can be used in a secured manner and function of protocols.
4. Understanding working of MS office.
5. Able to handle operation systems
6. Able to understand and solve various problems on Ms Office

BFM 105: English	
Teaching Scheme Lectures: 4 hrs/Week Tutorials: 1 hr/Week Credits: 5	Examination Scheme Class Test -12Marks Teachers Assessment - 6Marks Attendance – 12 Marks End Semester Exam – 70 marks

Course Objectives:

1. To analyze and synthesize learning through Literature.
2. To make students acquainted with Communication skills i.e. Listening, Speaking, Reading and Writing.
3. To comprehend the texts for its contents, and answer the questions based on Critical Thinking.
4. To incorporate essential usage of Grammar and Vocabulary.
5. To enable precise writing formats with maximum accuracy.
6. To equip students with Techniques to tackle the Interview process.

Detailed Syllabus

Unit-1 Poetry
Unit-2 Stories
Unit-3 Tenses
Unit-4 Articles and Preposition
Unit-5 Clauses
Unit-6 Conjunctions
Unit-7 Sentence Formation and Types
Unit-8 Paragraph Writing
Unit-9 Comprehension
Unit-10 Interview Techniques

Unit-11

Presentation Strategies

Unit-12

Presentation on given topic

Unit-13

Dialogue Practice and Role Play

Unit-14

Group Discussion

Text and Reference Books-

1. Exploring Grammar in Context by Ronald Carter, Rebecca Hughes and Michael McCarthy, CUP.
2. A Course in English Communication by Madhavi Apte.
3. How to Build a Better Vocabulary by Maxwell Nurnberg, Morris Rosenblum.
4. The Oxford Guide to Writing and Speaking by John Seely.

Course Outcomes:

1. Enabling students to acquire necessary Communication skills to comprehend and communicate effectively.
2. Enabling strategies to organize ideas and express thoughts with acceptable accuracy.
3. Understanding the use of Grammar and Vocabulary in Speech and Writing.
4. Enabling students to draw inferences and predictions based on information in the text.
5. Encouraging activities so as to improve critical thinking power.
6. Understanding strategies to deliver effective presentation.

BFM 201: FINANCIAL REPORTING ANALYSIS AND FINANCIAL ACCOUNTING	
Teaching Scheme Lectures: Tutorials: Credits: 4	Examination Scheme Class Test - 12Marks Teachers Assessment - 6Marks Attendance - 12 Marks End Semester Exam - 70 marks

Course Objectives:

1. To gain a broad understanding about the concept of Accounting
2. To learn about Accounting Concepts and Accounting Conventions
3. To provide participants with the knowledge of Basic Accounting Process
4. To understand the Accounting for Depreciation and Accounting for Capitalization
5. To gain knowledge about the Financial Statements, Financial Statements Analysis
6. To provide knowledge about Reporting Requirements

Detailed Syllabus

Unit-1 Introduction to Accounting
Unit-2 Double Entry
Unit-3 Accounting Concepts , Accounting Conventions
Unit-4 Basic Accounting Process
Unit-5 Final Accounts -I, Final Accounts –II
Unit-6 Inventory Accounting
Unit-7 Accounting for Depreciation ,Accounting for Capitalization
Unit-8 Financial Statements, Financial Statements Analysis
Unit-9 Balance Sheet, Profit & Loss Account
Unit-10 Ratio Analysis
Unit-11 Case Study on ratio analysis

Unit-12 Cash Flow Statement , Fund flow Statement
Unit-13 Annual Reports, Case Study on annual reports
Unit-14 Reporting Requirements
Text and Reference Books-
1. Financial Reporting and Analysis by <u>Lawrence Revsine</u> , <u>Daniel Collins</u> , <u>Bruce Johnson</u> , <u>Mittelstaedt</u>
2. Financial Reporting and Analysis: Using Financial Accounting Information by <u>Charles H. Gibson</u>

Course Outcomes:

1. Gained a broad understanding about the concept of Accounting
2. Learnt about Accounting Concepts and Accounting Conventions
3. Knowledge of Basic Accounting Process
4. Understanding of the Accounting for Depreciation and Accounting for Capitalization
5. Gained knowledge about the Financial Statements, Financial Statements Analysis
6. Knowledge about Reporting Requirements

BFM 202: Micro and Macro Economics	
Teaching Scheme Lectures: 3 hrs/Week Tutorials: 1 hr/Week Credits: 4	Examination Scheme Class Test -12Marks Teachers Assessment - 6Marks Attendance – 12 Marks End Semester Exam – 70 marks

Course Objectives:

1. To make student understand the concept of demand and supply analysis in price determination.
2. To familiarize students with the concept of production and cost structure both in short and long run.
3. To understand the pricing and output decisions under different forms of market structures.
4. To familiarize students with the national income and its components, concept of money supply and inflation.
5. To make students understand the role of budget and fiscal policy in economic planning.
6. To give an overview of international trade and business cycle.

Detailed Syllabus

Introduction to economics
Theory of demand and supply and Consumer behavior
Production and cost analysis – short and long run
Market – Types and price and output determination on different forms of market
Macro economics -Introduction and instruments
National income – Components and measurement
Banking and Money supply
Inflation -Types impact and measures to control inflation
Monetary policy –objectives and instruments
Budget and it's components
Fiscal policy – objectives and constituents of fiscal policy
International trade and balance of payments
Business cycles
Text Books and References

- Pindyck, R.S. and D.L. Rubinfeld. Microeconomics. Pearson Education (Singapore) Pvt. Ltd., Delhi.
- Bilas, Richard A. Microeconomic Theory: A Graphical Analysis. McGraw-Hill Book Co. Kogakusha Co. Ltd.
- Browning Edgar K., and JacqueLine M. Browning. Microeconomic Theory and Applications. Kalyani Publishers, New Delhi.
- Salvatore, D. Schaum's Outline of Theory and Problems of Microeconomic Theory. McGraw-Hill, International Edition, New Delhi.
- Varian, H.R. Intermediate Microeconomics: A Modern Approach. Affiliated East-West Press, New Delhi. .
- Dornbusch, Rudiger, and Stanley Fischer, Macroeconomics, McGraw-Hill.
- Mankiw, N. Gregory, Macroeconomics, Macmillan Worth Publishers New York, Hampshire, U.K
- Salvatore, Dominick. International Economics. John Wiley & Sons Singapore.

Course Outcomes:

1. Understanding of the concept of demand and supply analysis in price determination.
2. Knowledge of the concept of production and cost structure both in short and long run.
3. Understanding of the pricing and output decisions under different forms of market structures.
4. Able to compute the national income and its components and understand the concept of money supply and inflation.
5. Knowledge of the role of budget and fiscal policy in economic planning.
6. Knowledge of international trade and business cycle.

BFM 203: Quantitative Methods & Statistics	
Teaching Scheme Lectures: 4 hrs/Week Tutorials: 1 hr/Week Credits: 5	Examination Scheme Class Test -12Marks Teachers Assessment - 6Marks Attendance – 12 Marks End Semester Exam – 70 marks

Course Objectives:

1. Understand the application of matrices in business.
2. How to apply useful functions in business.
3. How to solve quantitative problems related to commerce concepts such as Bill Discounting, Simple and Compound interest, Percentages,
4. Understand the concept of Annuities and its different types.
5. How to solve LPP to maximize the profit and to minimize the cost.
6. How to select the sample from the population to solve the business issues.

Detailed Syllabus

<p>Matrices and Determinants</p> <p>Algebra of matrices. Inverse of a matrix, Matrix Operation, Business Application, Solution of system of linear equations using matrix Inversion Method and Cremer’s Rule. The Leontief Input Output Model (Open Model Only)</p>
<p>Differential & Integral Calculus</p> <p>Mathematical functions and their types, Linear, quadratic, polynomial, exponential functions, Logarithmic and logistic function, Limit and Continuity, Rules of differentiation; Maxima and Minima, Derivative of a function, Applications of differential calculus in business areas. Integration. Standard forms, Methods of integration – by substitution, by parts and by use of partial fractions. Definite integration. Finding areas in simple cases.</p>
<p>Mathematics of Finance</p> <p>Simple interest, compound interest, Rates of interest-nominal, Inter-relationships in different compounding situations. Types of annuities, like ordinary, due, deferred, continuous, perpetual, and their future and present values using different types of rates of interest, Sinking Fund.</p>
<p>Linear Programming</p> <p>Formulation of linear programming problems (LPP). Graphical solution to LPP, Cases of unique and multiple optimal solutions. Unbounded solutions, infeasibility, Solution to LPPs, Simplex method – maximization and minimization cases. Dual problem: Formulation of the Dual, Primal- Dual Solutions: (Excluding solution of dual problem when the primal problem involves mixed constraints).</p>
<p>Introduction to sampling</p> <p>Sampling, Types of sampling, Random Sampling v/s. Non – random sampling, Simple Random Sampling. Stratified random sampling, Systematic sampling. Cluster sampling, Sampling distributions, standard error sampling form normal population.</p>
<p>Text and Reference Books-</p> <ol style="list-style-type: none"> 1. Kalavathy, S. (2015): Operation Research, Vikas Publishing House, Delhi. 2. Satyadevi, C. (2006): Quantitative Techniques, S. Chand, Delhi. 3. Hazarika, P. (2010): Business Mathematics, S. Chand, Delhi.

Course Outcomes: By completing this course the student will learn to perform the following:

1. Understanding of the application of matrices in business.
2. Able to apply useful functions in business.
3. Able to solve quantitative problems related to commerce concepts such as Bill Discounting, Simple and Compound interest, Percentages,
4. Understanding of the concept of Annuities and its different types.
5. Able to solve LPP to maximize the profit and to minimize the cost.
6. Able to select the sample from the population to solve the business issues.

BFM 204 INFORMATION SYSTEM	
Teaching Scheme Lectures: 4 hrs/Week Tutorials: 1 hr/Week Credits: 5	Examination Scheme Class Test -12Marks Teachers Assessment - 6Marks Attendance – 12 Marks End Semester Exam – 70 marks

Pre-requisites: INFORMATION SYSTEM AMD TECHNOLOGY

Course Objectives:

1. Understand and apply the fundamental concepts of information systems.
2. Develop the knowledge about management of information systems.
3. Understand decision support system.
4. Interpret and recommend the use information technology to solve business problems.
5. Apply a framework and process for aligning organization's IT objectives with business
6. Use critical thinking, problem-solving, and decision-making skills in evaluating e-commerce technologies.

Detailed Syllabus

Introduction to IS and its types
Role of IS in Business
IT Infrastructure and its Business value
Management Information System
Decision Support System
Knowledge Based Information System and Expert System
Executive Information System
Enterprise Information Systems
Enterprise Resource Planning
Electronic Data Exchange
Supply Chain Management
Customer Relationship Management
IS Security

REFERENCES:
Management Information Systems, Brein James O., Mc Graw Hill, 8th Edition.
Information Systems for Modern Management, Murdick, Ross, PHI Learning, 3rd Edition.
Management Information Systems-Strategy and Action, Parker C.S., TMH, 1989.
Structured Analysis and Design of Information Systems, Aktas A.Ziya, PHI, 1987

Course Outcomes:

After completing the course, students will be able to:

1. Knowledge of the fundamental concepts of information systems.
2. Knowledge about management of information systems.
3. Understanding of decision support system.
4. Able to interpret and recommend the use information technology to solve business problems.
5. Able to apply a framework and process for aligning organization's IT objectives with business
6. Able to use critical thinking, problem-solving, and decision-making skills in evaluating e-commerce technologies.

BFM 205 Business Communication	
Teaching Scheme Lectures: 4 hrs/Week Tutorials: 1 hr/Week Credits: 5	Examination Scheme Class Test -12Marks Teachers Assessment - 6Marks Attendance – 12 Marks End Semester Exam – 70 marks

Course Objectives:

2. To understand business communication
3. To understand principles for effective communication in domestic and international business.
4. To understand and apply modes of expression, i.e., descriptive, expositive, narrative, scientific, and self-expressive, in written, visual, and oral communication.
5. To develop the proficiency in Language through reading, writing, listening and speaking
6. To develop the ability to communicate via electronic mail and other technologies for business messages.
7. To understand and apply basic principles of critical thinking, problem solving, and technical proficiency in the development of exposition and argument.

Detailed Syllabus

Unit-1 Role & Meaning , Business Etiquettes , Good and Bad News Delivery
Unit-2 Leadership skills , Conflict resolution, Writing resume /CV
Unit-3 Group discussion, Debates, Interview Skills
Unit-4 Business Correspondence, Business Meeting, Report Writing
Unit-5 Cultural Context and cultural Sensitiveness, Writing and Presenting in international situations.
Text and Reference Books- <ul style="list-style-type: none"> ✓ Business Communication by KK Sinha ,Galgotia Publication, ✓ Business Communication by Vikram Basin and Priya New Age International Publication ✓ Business Communication by Parag Deewan, Excel Books Publication ✓ Business Communication by Asha Kaul ,P.H. Learning ✓ Business Communication by Lesikar and Raymond, AITBS Publication

Course Outcomes:

1. Should be able to understand business communication
2. Should be able to understand fundamentals of business communication strategies.

3. Should be able to apply business communication strategies and principles to prepare effective communication for domestic and international business.
4. Should be able to develop the proficiency in Language through reading, writing, listening and speaking.
5. Should be able to compose and revise accurate business documents using computer technology.
6. Should be able to understand and apply basic principles of critical thinking, problem solving, and technical proficiency in the development of exposition and argument.

BFM 301: FINANCIAL MANAGEMENT	
Teaching Scheme Lectures: Tutorials: Credits: 4	Examination Scheme Class Test - 12Marks Teachers Assessment - 6Marks Attendance - 12 Marks End Semester Exam - 70 marks

Course Objectives:

1. Enabling students to be conversant with the corporate financial
2. Enabling the student to understand the types of funds available for the company
3. Understanding the concept of trading on equity
4. Enabling the students to identify the factors affecting the price of a stock
5. Enabling the student to understand the Cash Management, Receivable management and working capital management
6. Understanding the corporate restructuring

Detailed Syllabus

Unit-1 Introduction to Corporate Finance
Unit-2 Time Value of money
Unit-3 Capital Budgeting I , Capital Budgeting II
Unit-4 Capital Structure I , Capital Structure II
Unit-5 Final Accounts -I, Final Accounts –II
Unit-6 Cost of capital I , Cost of capital II
Unit-7 Leverage
Unit-8 Corporate Governance
Unit-9 Working Capital Management I, Working Capital Management II
Unit-10 Cash Management I , Cash Management II
Unit-11 Receivables Management I , Receivables Management II
Unit-12 Dividend Theory

Unit-13 Corporate Restructuring I ,Corporate Restructuring II
Unit-14 Case study using Annual report
Text and Reference Books-
1. Financial Management By : I. M. Pandey
2. Financial Management Theory and practice By: Prasanna Chandra

Course Outcomes:

1. Enabling students to be conversant with the corporate financial
2. Enabling the student to understand the types of funds available for the company
3. Understanding the concept of trading on equity
4. Enabling the students to identify the factors affecting the price of a stock
5. Enabling the student to understand the Cash Management, Receivable management and working capital management
6. Understanding the corporate restructuring

BFM 302: Marketing and Selling of Financial Products	
Teaching Scheme Lectures: Tutorials: Credits: 4	Examination Scheme Class Test - 12Marks Teachers Assessment - 6Marks Attendance - 12 Marks End Semester Exam - 70 marks

Course Objectives:

1. To differentiate between macro-and micro- environments
2. To understand different types of market segments and how to segment the customers
3. To understand how to position a brand in customer's minds
4. To understand how to price financial products
5. To know about different types of sales and various sales techniques
6. To gain an insight in the area of handling the customers objections and how to close a sale successfully

Detailed Syllabus

Unit-1 Introduction to Marketing
Unit-2 Analyzing the Macro Environment
Unit-3 Segmentation
Unit-4 Targeting
Unit-5 Positioning
Unit-6 Developing the Market Mix
Unit-7 Introduction to Services Marketing
Unit-8 Communicating the Marketing Mix
Unit-9 Different Types of Sales
Unit-10 Various Sales Techniques
Unit-11 Objection Handling

Unit-12 Closing a Sale
Unit-13 Role Play
Unit-14 Role Play
Text and Reference Books-
1. Marketing Management by <u>Philip T. Kotler</u> , <u>Kevin Lane Keller</u> 2. Kotler on Marketing by <u>Philip T. Kotler</u>

Course Outcomes:

1. To differentiate between macro-and micro- environments
2. To understand different types of market segments and how to segment the customers
3. To understand how to position a brand in customer's minds
4. To understand how to price financial products
5. To know about different types of sales and various sales techniques
6. To gain an insight in the area of handling the customers objections and how to close a sale successfully

BFM 303: Security & Financial Services Regulation	
Teaching Scheme Lectures: Tutorials: Credits: 4	Examination Scheme Class Test - 12Marks Teachers Assessment - 6Marks Attendance - 12 Marks End Semester Exam - 70 marks

Course Objectives:

1. Describe the concept of Securities Contracts Act.
2. Understand what is a Company and Types of Companies and procedure for listing of securities.
3. Understand and explain SEBI (Intermediaries) Regulations, 2009 and SEBI (Insider Trading) (Amendment) Regulations 2002
4. Understand Depositories Act 1996
5. Understand Importance, Functions and Powers of SEBI and Measures taken by SEBI to protect Investors.
6. To understand the various regulators and the regulatory environment in Financial Markets

Detailed Syllabus

Unit-1 Introduction to Indian Capital Markets
Unit-2 SEBI Act 1992 –I
Unit-3 SEBI Act 1992 –II
Unit-4 SEBI Act 1992 –III
Unit-5 Banking Securities Contract (Regulations) Act 1956-I
Unit-6 Banking Securities Contract (Regulations) Act 1956-II
Unit-7 Companies Act 2013 - I
Unit-8 Companies Act 2013 – II
Unit-9 Companies Act 2013 – III
Unit-10 Company Formation
Unit-11 Company Formation

Unit-12 Company Governance
Unit-13 Other Regulations
Unit-14 Other Regulations

Course Outcomes:

1. Knowledge of the concept of Securities Contracts Act.
2. Understanding of Company and Types of Companies and procedure for listing of securities.
3. Knowledge of SEBI (Intermediaries) Regulations, 2009 and SEBI (Insider Trading) (Amendment) Regulations 2002
4. Understanding of Depositories Act 1996
5. Understanding of Importance, Functions and Powers of SEBI and Measures taken by SEBI to protect Investors.
6. Knowledge of the various regulators and the regulatory environment in Financial Markets

BCF304: Business Data Processing	
Teaching Scheme Lectures: 5 hrs/Week Tutorials: 1 hr/Week Credits: 4	Examination Scheme Class Test -12Marks Teachers Assessment - 6Marks Attendance – 12 Marks End Semester Exam – 70 marks

Course Objectives:

1. To understand the facts between data and information.
2. To know the conceptual framework of database.
3. To understand data base processing.
4. To understand database design optimization.
5. To apply knowledge of DBMS in various fields of business.
6. To aware about the DBMS applications.

Detailed Syllabus

Unit-1 Database System, Database conceptual Framework
Unit-2 DBMS Components, Database design optimization
Unit-3 SQL introduction , DDL and DML
Unit-4 DBMS Software, Business Application
Unit-5 Lab based on data processing
Text and Reference Books- Database System Concepts, Henry Korth ,A. Silberschatz, 5th Edition, 2005. 2. An Introduction to Database System, Bipin Desai, Galgotia Publications, 1991. 3. SQL, PL/SQL the Programming Language of Oracle, Ivan Bayross, BPB Publications, 4th Edition. 4. Schaum’s Outline of “Fundamental of Relational Databases”, Ramon A. Mata, Pauline K. Cushman, McGraw Hill, December, 2006.

Course Outcomes:

1. Understanding of the facts between data and information.
2. Knowledge of the conceptual framework of database.
3. Understanding of data base processing.
4. Understanding of database design optimization.
5. Knowledge of DBMS in various fields of business.

6. Understanding of the DBMS applications.

BFM 305: Business Statistics	
Teaching Scheme Lectures: 4 hrs/Week Tutorials: 1 hr/Week Credits: 5	Examination Scheme Class Test -12Marks Teachers Assessment - 6Marks Attendance – 12 Marks End Semester Exam – 70 marks

Course Objectives:

1. Acquire proficiency in using data and preparing questionnaire in solving real life business and economic problems.
2. Develop an understanding of the various averages and measures of dispersion to describe statistical data.
3. Understand the relationship between two variables through correlation and regression.
4. Understand the probability theory
5. Understand the construction and application of index numbers to real life situations.
6. Understand the trends and tendencies over a period of time through time series analysis.

Detailed Syllabus

<p>Introduction of Statistics (Overview)</p> <p>Nature, Scope and limitations of statistics, uses of statistics to business and industrial activities, Primary and secondary data, Collection of data, Classification and tabulation of data, Diagrammatic and graphic representation of data, Questionnaire – its characteristics and drafting.</p>
<p>Statistical Analysis of Data</p> <p>Central tendency, Measures of Central Tendency, Arithmetic mean, Geometric Mean, Harmonic Mean, Median, Mode, Partition Values, Dispersion, measures of dispersion, range, quartile deviation, mean deviation, standard deviation, Their respective coefficients, uses of dispersion, Concept of Skewness, Kurtosis & Moment</p>
<p>Simple Correlation & Regression Analysis</p> <p>Correlation, types of correlation, Scatter diagram, Karl Pearson’s Coefficient of correlation, probable error, Rank correlation, Spearman’s correlation coefficient, Regression, principle of least square, Lines of regression (two variables only), Regression coefficient, properties of regression coefficient.</p>
<p>Probability Theory</p> <p>Concepts of probability, Addition and Multiplication rule, Conditional probability and Baye’s Theorem, Random Variable, Expectation and variance of a random variable, Probability distribution, Binomial, Poisson and Normal distributions and their importance.</p>
<p>Index Numbers and Time Series</p> <p>Index Numbers, different types of Index number, Test of index numbers, Base shifting, Splicing and deflating, Time Series, components of a time series, Estimation of the trend by the method of moving averages, Fitting of trend line by method of least square- linear, second degree parabola, exponential, Seasonal variation, estimation of seasonal indices by ratio to trend, Ratio to moving average & link relative method.</p>

Text and Reference Books-

1. Gupta, K.L.(2010): Business Statistics, Navyug Sahitya Sadan, Agra.
2. Gupta, S.C. & Kapoor, V.K. (1984): Fundamental of Mathematical Statistics, Sultan Chand & Sons, Delhi.
3. Bluman, A.G. (2009): Elementary Statistics: A step by step approach, Higher Education, McGraw-Hil, USA.
4. Tawana, A. (2000): Mathematical Statistics, Chapman & Hall, Canada.
5. Weiers, R. M. (2005): An Introduction to Business Statistics, Thomson, USA.

Course Outcomes:

1. Knowledge of using data and preparing questionnaire in solving real life business and economic problems.
2. Understanding of the various averages and measures of dispersion to describe statistical data.
3. Understanding of the relationship between two variables through correlation and regression.
4. Understanding of the probability theory
5. Understanding of the construction and application of index numbers to real life situations.
6. Understanding of the trends and tendencies over a period of time through time series analysis.

BFM 401: DERIVATIVES

Teaching Scheme Lectures: Tutorials: Credits: 4	Examination Scheme Class Test - 12Marks Teachers Assessment - 6Marks Attendance - 12 Marks End Semester Exam - 70 marks
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Course Objectives:

1. To understand the need of derivatives and derivatives markets in India
2. To understand the pricing of futures and options.
3. To understand the Concept of hedging and hedging strategies.
4. To understand Basics of options, options terminologies, advantages and disadvantages in options.
5. To understand and use options strategies for managing risk.
6. To understand Legal and Regulatory environment, the Accounting and Taxation of Derivatives.

Detailed Syllabus

Unit-1 Introduction to Derivatives
Unit-2 Understanding Index
Unit-3 Derivative Products
Unit-4 Basic of Futures , Pricing of Futures
Unit-5 Futures Strategies –I, Futures Strategies –II
Unit-6 Case studies on Futures Strategies –II
Unit-7 Basic of Options
Unit-8 Options Strategies –I , Options Strategies –II
Unit-9 Options Greeks
Unit-10 Case studies on Options Strategies –II
Unit-11 Introduction to clearing and settlement Systems

Unit-12 Types of Margins , Legal and Regulatory environment
Unit-13 Accounting and Taxation, Sales Practices and Investor Protection Services
Unit-14 Industry visit
Text and Reference Books- <ol style="list-style-type: none">1. NISM Equity derivatives Module VIII Workbook2. Futures and Options Introduction to Equity Derivatives by R. Mahajan publisher : Vision Books

Course Outcomes:

1. Understanding of the need of derivatives and derivatives markets in India
2. Understanding of the pricing of futures and options.
3. Understanding of the Concept of hedging and hedging strategies.
4. Understanding of Basics of options, options terminologies, advantages and disadvantages in options.
5. Understanding of and use options strategies for managing risk.
6. Understanding of Legal and Regulatory environment, the Accounting and Taxation of Derivatives.

BFM 402: Debt Markets	
Teaching Scheme	Examination Scheme
Lectures:	Class Test - 12Marks
Tutorials:	Teachers Assessment - 6Marks
	Attendance - 12 Marks
Credits: 4	End Semester Exam - 70 marks

Course Objectives:

1. To gain a broad understanding about the Indian Debt Markets
2. To Identify the various types of risks in bonds and how to mitigate the same
3. To provide participants with the knowledge of yield, return, holding period return, Yield to maturity.
4. To understand the various regulators and the regulatory environment in these markets
5. To gain knowledge about the valuation of bonds
6. To provide knowledge about Mortgage Backed Security, Asset Backed Security and Collateralized Debt Obligation.

Detailed Syllabus

Unit-1 Introduction to Debt Markets
Unit-2 Bond Structure
Unit-3 Bonds with Options
Unit-4 Risks in Bonds I
Unit-5 Risks in Bonds II
Unit-6 Introduction to bond Valuation I
Unit-7 Introduction to bond Valuation I
Unit-8 Bond Valuation II

<p>Unit-9</p> <p>Bond Valuation II</p>
<p>Unit-10</p> <p>MBS & ABS</p>
<p>Unit-11</p> <p>Valuation of MBS</p>
<p>Unit-12</p> <p>Valuation of ABS</p>
<p>Unit-13</p> <p>Numericals on debt markets</p>
<p>Unit-14</p> <p>Case Studies</p>
<p>Text and Reference Books-</p> <p>Book Name : Fixed Income Securities</p> <p>By: Pietro Veronesi</p> <p>Copyright : Wiley& Sons U.K.</p> <p>2nd Book</p> <p>Book Name : Financial Management Theory & Practice</p> <p>By: Prasanna Chandra</p> <p>Tata McGraw Hill Publishers</p>

Course Outcomes:

1. Understanding about the Indian Debt Markets
2. Able to identify the various types of risks in bonds and how to mitigate the same
3. Knowledge of yield, return, holding period return, Yield to maturity.
4. Understanding of the various regulators and the regulatory environment in these markets
5. Knowledge about the valuation of bonds
6. Knowledge about Mortgage Backed Security, Asset Backed Security and Collateralized Debt Obligation.

BFM 403: Investment Banking	
Teaching Scheme Lectures: Tutorials: Credits: 4	Examination Scheme Class Test - 12Marks Teachers Assessment - 6Marks Attendance - 12 Marks End Semester Exam - 70 marks

Course Objectives:

1. Gain an overview of Investment Banking
2. Understand the various activities performed by investment bankers.
3. Understand the process of IPO and get introduced to Private Equity
4. Understand the role of invest banks in the financial system.
5. Understand how investment banks help in raising funds in the international market.
6. Get introduced to Mergers and Acquisition and get an understanding of corporate restructuring.

Detailed Syllabus

Unit-1 Overview of Investment Banking
Unit-2 Investment Banking Activities :
Unit-3 Raising Equity Capital
Unit-4 IPO Process
Unit-5 Private Equity Investments
Unit-6 Role of Investment Banks in Debt Markets
Unit-7 Raising Finance from International Markets
Unit-8 Introduction to M&A
Unit-9 M&A Analysis
Unit-10 Corporate Restructuring

Course Outcomes:

1. Gain an overview of Investment Banking
2. Understanding of the various activities performed by investment bankers.
3. Understanding of the process of IPO and get introduced to Private Equity
4. Understanding of the role of invest banks in the financial system.

5. Knowledge of the mechanism investment banks help in raising funds in the international market.
6. Knowledge of Mergers and Acquisition and understanding of corporate restructuring.

BFM 404: Simulated Lab	
Teaching Scheme Lectures: 48 Tutorials: Credits: 4	Examination Scheme Class Test - 12Marks Teachers Assessment - 6Marks Attendance - 12 Marks End Semester Exam - 70 marks

Course Objectives:

1. To make students comfortable in excel shortcuts
2. To prepare students for multiple functions available in excel
3. To prepare students for usage of advance functions in excel
4. To prepare students for financial statements projections.
5. To prepare students for financial planning using excel
6. To give a fair idea about trading on Bolt

Detailed Syllabus

Unit-1 Overview of excel
Unit-2 Formulas and functions
Unit-3 Introduction to advance function
Unit-4 Sort and filter
Unit-5 Data tools
Unit-6 If functions
Unit-7 Look up and reference functions
Unit-8 Graphs and pivot table
Unit-9 Financial statements projections using excel
Unit-10 Time value of money using excel
Unit-11 Bolt over Web

Unit-12

Multiple functions in one formula

Text and Reference Books-

- 1- Microsoft Excel 2016 Bible , John Walkenbach
- 2- Microsoft Business Intelligence tools for excel analysts, Micheal Alexander
- 3- Capital Market Dealers Module,

Course Outcomes:

1. Able to use excel shortcuts
2. Working knowledge of multiple functions available in excel
3. Able to use advance functions in excel
4. Working knowledge of financial statements projections.
5. Working knowledge of financial planning using excel
6. Knowledge of trading on Bolt

BFM 405: Taxation	
Teaching Scheme Lectures: 4 hrs/Week Tutorials: 1 hr/Week Credits: 5	Examination Scheme Class Test -12Marks Teachers Assessment - 6Marks Attendance – 12 Marks End Semester Exam – 70 marks

Course Objectives:

1. Understand the basic concepts in the law of income tax and determine the residential status of different persons.
2. Identify the five heads in which income is categorised and to compute income under the heads ‘Salaries’ and ‘Income from House Property’.
3. Compute income under the head ‘ Profits and gains of business or profession’, ‘Capital gains’ and ‘Income from other sources’.
4. Understand clubbing provisions, aggregate income after set-off and carry forward of losses, and deductions allowed under the Income Tax Act.
5. Compute tax liability of individuals and firms and understand the provisions of filing return of income.
6. Connect with the genesis of goods and services tax (GST), decipher the constitutional amendment carried out to install GST in India and comprehend the composition and working of GST council.

Detailed Syllabus

Unit-1 Introduction to Taxation
Unit-2 Direct Tax- Salaries
Unit-3 Direct Tax- House Property
Unit-4 Direct Tax- Capital Gains
Unit-5 Direct Tax- Profits and Gains from Business and Profession
Unit-6 Direct Tax- Other sources
Unit-7 Direct Tax- Deductions

<p>Unit-8</p> <p>Direct Tax- Exemptions</p>
<p>Unit-9</p> <p>Direct Tax- Advance Tax and Tax deducted at source</p>
<p>Unit-10</p> <p>Direct Tax- Filing return of income</p>
<p>Unit-11</p> <p>Indirect Tax- Introduction to excise and CENVAT</p>
<p>Unit-12</p> <p>Indirect Tax- Introduction to customs</p>
<p>Unit-13</p> <p>Indirect Tax- Introduction to goods and service tax</p>
<p>Text and Reference Books-</p> <ol style="list-style-type: none"> 1. Students' guide to Income Tax , Singhania Vinod ,Taxmann Allied 2. Students' Approach to Income Tax, Ahuja Girish, Bharat Law House Pvt. Ltd. 3. Income Tax Law and Accounts, Mehrotra H.C, Sahitya Bhawan Publications.

Course Outcomes:

1. Understanding of the basic concepts in the law of income tax and determine the residential status of different persons.
2. Able to identify the five heads in which income is categorised and to compute income under the heads 'Salaries' and 'Income from House Property'.
3. Able to compute income under the head ' Profits and gains of business or profession', 'Capital gains' and 'Income from other sources'.
4. Understanding of clubbing provisions, aggregate income after set-off and carry forward of losses, and deductions allowed under the Income Tax Act.
5. Able to compute tax liability of individuals and firms and understand the provisions of filing return of income.
6. Understanding of the genesis of goods and services tax (GST), decipher the constitutional amendment carried out to install GST in India and comprehend the composition and working of GST council.

BFM 501: Technical Analysis	
Teaching Scheme Lectures: Tutorials: Credits: 4	Examination Scheme Class Test - 12Marks Teachers Assessment - 6Marks Attendance - 12 Marks End Semester Exam - 70 marks

Course Objectives:

1. To understand Technical Analysis.
2. To understand different theories and techniques of technical analysis
3. To understand charts and their patterns and technical analysis
4. To understand the difference between fundamental analysis and technical analysis
5. To gain knowledge of trending lines
6. To understand moving averages, Indicators & Oscillators

Detailed Syllabus

Unit-1 Introduction to Technical Analysis
Unit-2 Theories, Techniques & Benefits
Unit-3 Important Aspects of Technical Analysis
Unit-4 Charts & Their Patterns
Unit-5 Technical Indicators
Unit-6 Introduction & Basic Assumptions
Unit-7 Fundamental Analysis vs. Technical Analysis
Unit-8 Trend Lines – Support and Resistance
Unit-9 Importance of Volume

Unit-10 Charts and Chart Types , Chart Patterns
Unit-11 Moving Averages , Indicators & Oscillators
Unit-12 Conclusion
Unit-13 Technical Analysis Step by Step
Unit-14 Important Concepts – Explanations , Case Studies

Course Outcomes:

1. Understanding of Technical Analysis.
2. Understanding of different theories and techniques of technical analysis
3. Understanding of charts and their patterns and technical analysis
4. Understanding of the difference between fundamental analysis and technical analysis
5. Knowledge of trending lines
6. Understanding of moving averages, Indicators & Oscillators

BFM 502: Foreign Exchange Markets	
Teaching Scheme Lectures: Tutorials: Credits: 4	Examination Scheme Class Test - 12Marks Teachers Assessment - 6Marks Attendance - 12 Marks End Semester Exam - 70 marks

Course Objectives:

1. To understand the meaning and concept of foreign exchange and its importance
2. To learn about regulatory norms, FEDAI and business infrastructure of the authorized dealers, like, Banks etc.
3. To understand SWIFT and various types of forex trades
4. To gain knowledge about different types of exchange rates and their calculations and factors affecting foreign exchange rates
5. To gain knowledge about forex derivatives and hedging forex risk
6. To understand bond market and types of bond in different currencies

Detailed Syllabus

Unit-1 What is Foreign Exchange, its need and Administration in India
Unit-2 FEDAI, Forex Business Infrastructure in Banks
Unit-3 SWIFT, Different types of forex trades
Unit-4 Different Types of Exchange Rates
Unit-5 Foreign Exchange Arithmetic
Unit-6 Determination of Forex Rates- the factors that affect them
Unit-7 Foreign Exchange Derivatives
Unit-8 Hedging foreign exchange risk
Unit-9 Foreign Exchange Risk Management , Numerical on Forex
Unit-10 Introduction to International Markets, LIBOR
Unit-11 Raising Funds in the International Markets,

Unit-12 Introduction to Bond Markets
Unit-13 Types of Bonds in Different Currencies
Unit-14 Basic Types of Foreign Currency Derivatives
Text and Reference Books-
1. Foreign exchange practice, concepts and control by <u>C. Jeevanandam</u> 2. Foreign exchange operations by David E De Rosa

Course Outcomes:

1. To understand the meaning and concept of foreign exchange and its importance
2. To learn about regulatory norms, FEDAI and business infrastructure of the authorized dealers, like, Banks etc.
3. To understand SWIFT and various types of forex trades
4. To gain knowledge about different types of exchange rates and their calculations and factors affecting foreign exchange rates
5. To gain knowledge about forex derivatives and hedging forex risk
6. To understand bond market and types of bond in different currencies

BFM 503: Commodities Markets	
Teaching Scheme Lectures: Tutorials: Credits: 4	Examination Scheme Class Test – 12 Marks Teachers Assessment – 6 Marks Attendance - 12 Marks End Semester Exam - 70 marks

Course Objectives:

1. Get introduced to the Commodity Futures
2. Understand the contract specifications
3. Understand Hedging using commodity derivatives
4. Understand the clearing and settlement process and learn about the prominent commodity exchanges globally.
5. Understand the tools available for research in commodities and the trading softwares for commodities
6. Understand various commodity groups and how risk management is done in commodity markets

Detailed Syllabus

Unit-1 Commodity Futures Trading – History
Unit-2 Introduction to Commodity
Unit-3 Timing & Return
Unit-4 Product Specification
Unit-5 Commodity Hedging
Unit-6 Clearing & Settlement
Unit-7 Risk Management
Unit-8 Market Watch & Trading Software

Unit-9

Commodity Research

Unit-10

Do's and Don'ts for dealing in Commodity Futures

Course Outcomes:

1. Knowledge of the Commodity Futures
2. Learnt about the contract specifications
3. Understanding of Hedging using commodity derivatives
4. Understanding of the clearing and settlement process and learn about the prominent commodity exchanges globally.
5. Understanding of the tools available for research in commodities and the trading softwares for commodities
6. Understanding of various commodity groups and how risk management is done in commodity markets

BFM 504: MANAGEMENT ACCOUNTING	
Teaching Scheme Lectures: 4 hrs/Week Tutorials: 1 hr/Week Credits: 5	Examination Scheme Class Test -12Marks Teachers Assessment - 6Marks Attendance – 12 Marks End Semester Exam – 70 marks

Course Objectives:

1. Understand thoroughly the conceptual framework of Management Accounting; different forms of accounting—Financial, Cost and Managerial; types of costs for decision making and cost control; cost control and cost reduction.
2. Understand preparation of various types of budgets and budgetary control system as a tool of managerial planning and control.
3. Understand the concept of marginal cost and marginal costing; preparation of income statements using absorption and variable costing; learning of cost-volume-profit analysis and break-even analysis using mathematical and graphical approaches; and their application in businesses.
4. Understand the concept of relevant cost and make decisions related to different business situations using marginal costing and differential costing techniques.
5. Ability to understand standard costing system as a tool of managerial control; calculation of variances in respect of each element of cost and sales; control ratios.
6. Have basic understanding of techniques of performance measurement such as Responsibility Accounting, Divisional Performance Measurement.

Detailed Syllabus

Unit-1 Introduction to management accounting
Unit-2 Introduction to cost accounting
Unit-3 Budgeting
Unit-4 Budgetary control
Unit-5 Standard costing
Unit-6 Variance analysis
Unit – 7 Marginal costing
Unit -8 CVP analysis
Unit -9

Decision making
Unit 10
Responsibility accounting
Text and Reference Books- <ol style="list-style-type: none"> 1. horngreen , charles T Gay L sundem . Introduction to management accounting 2. Garrison H Ray and Eric W Noreen management accounting 3. Lal Jawahar adavced management accounting

Course Outcomes:

1. Understanding of the conceptual framework of Management Accounting; different forms of accounting—Financial, Cost and Managerial; types of costs for decision making and cost control; cost control and cost reduction.
2. Able to prepare of various types of budgets and budgetary control system as a tool of managerial planning and control.
3. Understanding of the concept of marginal cost and marginal costing; preparation of income statements using absorption and variable costing; learning of cost-volume-profit analysis and break-even analysis using mathematical and graphical approaches; and their application in businesses.
4. Understanding of the concept of relevant cost and make decisions related to different business situations using marginal costing and differential costing techniques.
5. Able to understand standard costing system as a tool of managerial control; calculation of variances in respect of each element of cost and sales; control ratios.
6. Understanding of techniques of performance measurement such as Responsibility Accounting, Divisional Performance Measurement.

BFM 505: Investment Banking - 1	
Teaching Scheme Lectures: Tutorials: Credits: 4	Examination Scheme Class Test - 12Marks Teachers Assessment - 6Marks Attendance - 12 Marks End Semester Exam - 70 marks

Course Objectives:

1. To gain an understanding about the concept of Investment Banking
2. To understand about Advantage Excel
3. To understand the concept of Trade Life Cycle
4. To know about Trade Life Cycle of OTC Trades
5. To gain knowledge about Reference Data Management
6. To know about AML & KYC

Detailed Syllabus

Unit-1 Introduction to Investment Banking Industry
Unit-2 Advantage Excel
Unit-3 Trade Life Cycle
Unit-4 Trade Life Cycle of OTC Trades
Unit-5 Reference Data Management
Unit-6 AML & KYC
Text and Reference Books- 1. Investment Banking Explained: An Insider's Guide to the Industry by Michel Fleuriet 2. AML and KYC by Indian Institute of Banking and Finance

Course Outcomes:

1. Enabling students to be conversant with the concepts of Investment Banking
2. Understanding about Advantage Excel

3. Enabling the students to know about the concept regarding the Trade Life Cycle
4. Enabling the students to learn about Trade Life Cycle of OTC Trades
5. Enabling the students to learn about Reference Data Management
6. Enabling the students to learn about the concept of AML & KYC

BFM 601: PORTFOLIO MANAGEMENT & FINANCIAL PLANNING

Teaching Scheme Lectures: Tutorials: Credits: 4	Examination Scheme Class Test - 12Marks Teachers Assessment - 6Marks Attendance - 12 Marks End Semester Exam - 70 marks
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Course Objectives:

1. To understand portfolio management models and security analysis
2. To understand the concept of financial planning and financial statements
3. To understand cash flow and debt management
4. To understand the concept and principles of Investment Planning
5. To understand Education Planning, Tax Planning, Retirement Planning and Special circumstances
6. To gain an insight in the area of Risk and Return

Detailed Syllabus

Unit-1 Introduction to Portfolio Management
Unit-2 Portfolio Management Models
Unit-3 Portfolio Manager, Security Analysis
Unit-4 Financial Planning and Personal Financial Statements
Unit-5 Cash Flow and Debt Management
Unit-6 Investments Asset and Acquisition
Unit-7 Assets to Invest in
Unit-8 Insurance Policies and Strategies
Unit-9 Investment Planning

Unit-10 Education Planning
Unit-11 Tax Planning
Unit-12 Retirement Planning and Special circumstances
Unit-13 Risk and Return
Unit-14 Case Studies and Practical Applications
Text and Reference Books-
1. Introduction to Financial Planning by Indian Institute of Banking and Finance 2. Risk analysis, Insurance and Retirement Planning by Indian Institute of Banking and Finance 3. Taxation by Taxmann

Course Outcomes:

1. Understanding of portfolio management models and security analysis
2. Understanding of the concept of financial planning and financial statements
3. Understanding of cash flow and debt management
4. Understanding of the concept and principles of Investment Planning
5. Understanding of Education Planning, Tax Planning, Retirement Planning and Special circumstances
6. Knowledge of Risk and Return

BFM 602: Mergers & Acquisitions	
Teaching Scheme	Examination Scheme
Lectures:	Class Test - 12Marks
Tutorials:	Teachers Assessment - 6Marks
	Attendance - 12 Marks
Credits: 4	End Semester Exam - 70 marks

Course Objectives:

1. To gain a broad understanding about the concept of Investment Banking
2. To understand various Valuations models like Dividend Discount Model (DDM) and Discounted Cash Flows (DCF)
3. To gain knowledge about the Relative Valuation - Enterprise Valuation & Equity Value
4. To gain knowledge about Comparable Transaction (Acquisition) Analysis
5. To provide knowledge about the Sum of Parts, Residual Income Method
6. To provide an understanding of Basic Merger Modelling

Detailed Syllabus

Unit-1 Advantage Excel
Unit-2 Overview of Investment banking
Unit-3 Investment banking Activities: Raising Equity Capital , IPO Process , Private Equity Investments
Unit-4 Role of investment Banks in Debt Markets
Unit-5 Raising Finance from International Markets
Unit-6 Introduction to Valuations Dividend Discount Model (DDM)
Unit-7 Discounted Cash Flows (DCF)

<p>Unit-8</p> <p>Relative Valuation - Enterprise Valuation & Equity Value</p>
<p>Unit-9</p> <p>Comparable Transaction (Acquisition) Analysis</p>
<p>Unit-10</p> <p>Sum of Parts , Residual Income Method</p>
<p>Unit-11</p> <p>M&A Analysis</p>
<p>Unit-12</p> <p>Basic Merger Modelling</p>
<p>Unit-13</p> <p>M&A Case Studies</p>
<p>Unit-14</p> <p>Corporate Restructuring</p>
<p>Text and Reference Books-</p> <p>1. Mergers & acquisitions from A to Z</p> <p>by Andrew Sherman</p> <p>2. Mergers, Acquisitions, and Corporate Restructurings</p> <p>by Patrick A Gaughan</p>

Course Outcomes:

1. To gain a broad understanding about the concept of Investment Banking
2. Understanding of various Valuations models like Dividend Discount Model (DDM) and Discounted Cash Flows (DCF)
3. Knowledge about the Relative Valuation - Enterprise Valuation & Equity Value
4. Knowledge about Comparable Transaction (Acquisition) Analysis
5. Knowledge about the Sum of Parts, Residual Income Method
6. Understanding of Basic Merger Modelling

BFM 604: Financial Risk Management	
Teaching Scheme Lectures: Tutorials: Credits: 4	Examination Scheme Class Test - 12Marks Teachers Assessment - 6Marks Attendance - 12 Marks End Semester Exam - 70 marks

Course Objectives:

1. To Identify risk transfer mechanisms through various models, data aggregation and risk reporting.
2. To understand valuation of forwards, futures, swaps and options. Hedging with derivatives.
3. To gain knowledge about Foreign exchange risk and measures of currency sensitivity.
4. To gain knowledge about Corporate bonds, Mortgage-backed securities and the risk associated in managing them.
5. To provide an understanding of the complexities of Value-at-Risk (VaR), Estimating volatility and correlation, Options valuation, Fixed income valuation, Hedging.
6. To gain a broad perspective of the operational risk, Country and sovereign risk models and management. Ethics and the Risk Managers Code of Conduct.

Detailed Syllabus

Unit-1 Introduction to risk management
Unit-2 Enterprise risk management
Unit-3 Corporate Governance and Corporate Risk Management
Unit-4 Basic Quants and Statistics
Unit-5 Capital Asset Pricing Model
Unit-6 Arbitrage and Arbitrage Pricing Theory – Multi-factor Model
Unit-7 Banking Sector
Unit-8 Information Risk , Data Quality Management and Risk Reporting
Unit-9 Role of Exchanges and Central Counterparty in Capital Market Trades
Unit-10 Interest Rate Derivatives
Unit-11

Commodities Market
Unit-12 Fixed Income Market
Unit-13 Foreign Exchange Market
Unit-14 Case Studies
Text and Reference Books- Financial Risk Manager Handbook by Philippe Jorion

Course Outcomes:

1. Understanding of risk transfer mechanisms through various models, data aggregation and risk reporting.
2. Understanding of valuation of forwards, futures, swaps and options. Hedging with derivatives.
3. Knowledge about Foreign exchange risk and measures of currency sensitivity.
4. Knowledge about Corporate bonds, Mortgage-backed securities and the risk associated in managing them.
5. Understanding of the complexities of Value-at-Risk (VaR), Estimating volatility and correlation, Options valuation, Fixed income valuation, Hedging.
6. Knowledge of the operational risk, Country and sovereign risk models and management. Ethics and the Risk Managers Code of Conduct.

BFM-605 INVESTMENT BANKING

Teaching Scheme Lectures: Tutorials: Credits: 4	Examination Scheme Class Test - 12Marks Teachers Assessment - 6Marks Attendance - 12 Marks End Semester Exam - 70 marks
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Course Objectives:

1. To gain an understanding about the concept of Investment Banking
2. To understand IPO Process
3. To know about Private Equity Investments
4. To understand Role of Investment Banks in Debt Markets
5. To understand the concept of Raising Finance from International Markets
6. To know about Corporate Restructuring

Detailed Syllabus

Unit-1 Overview of Investment Banking
Unit-2 Investment Banking Activities
Unit-3 Raising Equity Capital
Unit-4 IPO Process
Unit-5 Private Equity Investments
Unit-6 Role of Investment Banks in Debt Markets
Unit-7 Raising Finance from International Markets
Unit-8 Introduction to M&A
Unit-9 M&A Analysis
Unit-10 Corporate Restructuring
Text and Reference Books- 1. Investment Banking: Valuation, Leveraged Buyouts, and Mergers and Acquisitions

by Joshua Pearl and Joshua Rosenbaum
2.Investment Banking Explained: An Insider's Guide to the Industry
by Michel Fleuriot

Course Outcomes:

1. Understanding about the concept of Investment Banking
2. Understanding of IPO Process
3. Knowledge about Private Equity Investments
4. Understanding of Role of Investment Banks in Debt Markets
5. Understanding of the concept of Raising Finance from International Markets
6. Knowledge about Corporate Restructuring