

Scheme of Examination

&

Syllabi

of

**MASTER OF BUSINESS ADMINISTRATION
(Financial Markets)
M B A (FM)**

**in collaboration
with
National Stock Exchange**

for

Academic Session 2011-2012 Onwards



GURU GOBIND SINGH
INDRAPRASTHA
UNIVERSITY

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY
Sector-16 C, Dwarka, Delhi (INDIA).

www.ipu.ac.in

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL MARKETS)-
(MBA - FM)

Criteria for Internal Assessment

The internal assessment of the students (out of 40 marks) shall be as per the criteria given below:

1. Class Test-I - 15 marks

(Will be a written test to be conducted on the date communicated by the University for the Class Test – I, except for the Fourth Semester where the dates will be decided by the concerned institutes/school).

2. Class Test-II* - 15 marks
(Individual Term Paper/Written Assignment/Project)

3. Individual Presentation/Viva-Voce/Group Discussion* - 10 marks

An objective type online examination, consisting of 60 questions of 100 marks for the following papers will be conducted by NSE. The duration of the examination will be 120 minutes. Negative marking is 25% of the marks for wrong attempted question. The marks awarded by NSE will be converted by GGSIPU for award of credits / grades for these papers.

FIRST SEMESTER

Course Code	Course Title
MS (FM) 103	Introduction to Financial Markets and Mutual Funds
MS (FM) 111	Capital Market Operations
MS (FM) 104	Investment Analysis and Portfolio Management

SECOND SEMESTER

Course Code	Course Title
MS (FM) 104	Investment Analysis and Portfolio Management
MS (FM) 110	Commodity Markets
MS (FM) 114	Introduction to Derivatives- Equity and Currency

THIRD SEMESTER

Course Code	Course Title
MS (FM) 203	Equity Derivatives Market Operations
MS (FM) 205	Regulatory Framework in Security Market
MS (FM) 207	Technical Analysis

LIST OF ELECTIVES

- I. Financial Advisory Services**
 - MS (FM) 209 - Interest Rate Derivatives
 - MS (FM) 211 - Management of Life Insurance
 - MS (FM) 213 - Debt Market
 - MS (FM) 215 – Merchant Banking
- II. Corporate Valuation Services**
 - MS (FM) 217 - Mathematical Finance
 - MS (FM) 219 - Equity Research
 - MS (FM) 221 - Investment Banking
 - MS (FM) 223 – Financial Valuation and Modeling

FOURTH SEMESTER

Course Code	Course Title
MS (FM) 206	Surveillance in Stock Exchanges

LIST OF ELECTIVES

- I. Financial Advisory Services**
 - MS (FM) 210 – Depository Operations
 - MS (FM) 212 – Advanced Technical Analysis
- II. Corporate Valuation Services**
 - MS (FM) 216 - Options Trading Strategies
 - MS (FM) 218 - Financial Journalism

Record to be maintained by faculty and made available to the examination branch of the University, if required.

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL MARKETS)-
(MBA - FM)

FIRST SEMESTER

Code No.	Paper	L	T/P	Credits
MS (FM) 101	Management Process & Organizational Behaviour	4	-	4
MS (FM) 103	Introduction to Financial Markets and Mutual Funds #	4	-	4
MS (FM) 105	Managerial Economics	4	-	4
MS (FM) 107	Accounting for Management	4	-	4
MS (FM) 109	Information Technology Management	3	-	3
MS (FM) 111	Capital Market Operations #	4	-	4
MS (FM) 113	Financial Management	4	-	4
MS (FM) 151	Information Technology Management Lab	-	2	1
Total		27	2	28

EXAMINATION WOULD BE CONDUCTED BY NSE

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL MARKETS)-
(MBA - FM)

SECOND SEMESTER

Code No.	Paper	L	T/P	Credits
MS (FM) 102	Management of Technology, Innovation and Change	4	-	4
MS (FM) 104	Investment Analysis and Portfolio Management #	4	-	4
MS (FM) 106	Marketing Management	4	-	4
MS (FM) 108	Business Research	4	-	4
MS (FM) 110	Commodity Markets #	4	-	4
MS (FM) 112	Human Resources Management	4	-	4
MS (FM) 114	Introduction to Derivatives- Equity and Currency #	4	-	4
MS (FM) 116	Managerial Skills Development –I (NUES*)	2	-	2
Total		30	-	30

EXAMINATION WOULD BE CONDUCTED BY NSE

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI

MASTER OF BUSINESS ADMINISTRATION (FINANCIAL MARKETS)-

(MBA - FM)

THIRD SEMESTER

Code No.	Paper	L	T/P	Credits
MS (FM) 201	Summer Training Project	-	-	4
MS (FM) 203	Equity Derivatives Market Operations #	4	-	4
MS (FM) 205	Regulatory Framework in Security Market #	4	-	4
MS (FM) 207	Technical Analysis #	4	-	4
	Elective – I	3	-	3
	Elective – II	3	-	3
	Elective – III	3	-	3
	Elective – IV	3	-	3
	Elective – V	3	-	3
Total		27	-	31

Note:

1. All students must specialize in one major and one minor area. Five papers must be taken for the major area and three papers for the minor area of specialization.
2. Three elective papers must be taken in the third semester and two elective papers in the fourth semester from the area selected for major specialization.

LIST OF ELECTIVES

I. Financial Advisory Services

- MS (FM) 209 - Interest Rate Derivatives #
- MS (FM) 211 - Management of Life Insurance #
- MS (FM) 213 - Debt Market #
- MS (FM) 215 – Merchant Banking #

II. Corporate Valuation Services

- MS (FM) 217 - Mathematical Finance #
- MS (FM) 219 - Equity Research #
- MS (FM) 221 - Investment Banking #
- MS (FM) 223 – Financial Valuation and Modeling #

EXAMINATION WOULD BE CONDUCTED BY NSE

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI

MASTER OF BUSINESS ADMINISTRATION (FINANCIAL MARKETS)-

(MBA - FM)

FOURTH SEMESTER

Code No.	Paper	L	T/P	Credits
MS (FM) 202	Project Dissertation	-	-	6
MS (FM) 204	Behavioral Finance	3	-	3
MS (FM) 206	Surveillance in Stock Exchanges #	3	-	3
MS (FM) 208	Tax Planning and Management	3	-	3
	Elective – I	3	-	3
	Elective – II	3	-	3
	Elective – III	3	-	3
Total		18	-	24

Note: Syllabus for the Fourth Semester papers shall be completed by March 31 every year and for the remaining period the students shall continue to work on the assigned project.

LIST OF ELECTIVES

I Financial Advisory Services

MS (FM) 210 – Depository Operations #

MS (FM) 212 – Advanced Technical Analysis #

MS (FM) 214 – Mergers, Acquisitions and Corporate Restructuring

II Corporate Valuation Services

MS (FM) 216 - Options Trading Strategies #

MS (FM) 218 - Financial Journalism #

MS (FM) 220 - International Financial Management

EXAMINATION WOULD BE CONDUCTED BY NSE

Total Credits = 113

To obtain the degree a student shall require 104 Credits.

FIRST SEMESTER

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI

MASTER OF BUSINESS ADMINISTRATION (FINANCIAL MARKETS) - (MBA - FM)

Management Process & Organisational Behaviour

Course Code: MS (FM) 101

L - 4, Credits - 4

Objectives: This course is designed to expose the students to fundamental concepts of management, its processes and behavioural dynamics in organizations.

Course Contents:

1. Introduction to Management

Meaning and Nature of Management, Management Approaches, Functions of Management, Managerial Skills, Tasks and Responsibilities of a Professional Manager Planning Types and Process, Controlling Process and Techniques, Management by Objectives

(14 Hours)

2. Fundamentals of Organizational Behaviour

Introduction and meaning, Models of OB, Emergence of OB as a discipline, OB Trends, Organizational Structure and Design, Organizational Culture and Climate, Managerial Ethics, Managerial Communication.

(14 Hours)

3. Individual Behaviour and Process in Organization

Individual determinants of OB: Perception, Learning, Emotions, Attitudes and Job Satisfaction, Motivation, Values, Personality, Stress and Its Management, Problem Solving and decision making.

(14 Hours)

4. Group Behaviour and Process in Organization

Group Dynamics and Work Teams, Power, Politics, Conflict and Negotiation, Interpersonal Behaviour and Relations, Transactional Analysis, Leadership Theories and Styles, Organizational Change and Development.

(14 Hours)

Text Books:

1. Robbins, S.P., Judge, T.A., Sanghi, S (2009). Organizational Behaviour, Pearson Education.
2. Stoner, R. James A.F., Edward Freeman Daniel R Gilbert Jr., Management 6TH Ed, Prentice-Hall of India.

Reference Books:

1. George, J. M. & Jones, G.R. (2009). Understanding and Managing Organizational Behaviour 5th Edition, Pearson Education.
2. Green Berg, J. and Baron, R.A. (2008), Behaviour in Organization. Prentice Hall of India.
3. Mcshane, S.L., Von Glinow, M.A., Sharma, R.R. (2006), Organizational Behaviour, Tata McGraw Hill
4. Pierce, J.L. & Gardner, D.G. (2010), Management and Organizational Behavior, Cengage Learning.

GURU GOBINDSINGH INDRAPRASTHA UNIVERSITY, DELHI

MASTER OF BUSINESS ADMINISTRATION (FINANCIAL MARKETS)- (MBA - FM)

Introduction to Financial Markets and Mutual Funds

Course Code : MS (FM) 103

L – 4 Credits - 4

Objectives: This course is designed to give the students a basic understanding of the products, players and functioning of financial markets, particularly the capital market and mutual funds, regulatory and taxation issues.

Course Contents:

1. Investment Basics

Need for investment, Equity, Derivative, Mutual fund, Depositories; Investment alternatives; Securities, Securities market; Process of investment in securities; Role of regulator – SEBI; Primary market, Procedure for buying shares through IPO, Process of raising capital from foreign countries; Depository, Dematerialisation of securities.

(8 Hours)

2. Secondary Market

Introduction, stock exchange, stock trading, products in the secondary, equity investment, debt investment; Derivatives – types, options, commodity derivatives and financial derivatives; Debt Funds - Salient features, debt mutual fund schemes, fixed maturity plans; Capital protection funds, gilt funds etc.; Liquid Funds – Salient features, portfolio churning.

(10 Hours)

3. Mutual Fund Products and Features

Regulatory body, benefits, Risks of investing, NAV, entry/exit load, types, fund offer document; Different type of mutual fund products, features, exchange traded funds (ETF) and gold ETFs.

(10 Hours)

4. Regulation, Analysis and Taxation

Regulations governing equity market and mutual funds; Introduction to techniques of analysis in stock market and mutual funds like ratio analysis; An introduction to Income tax, capital gains having direct relevance for investment / trading in stock market and mutual funds.

(16 Hours)

Market Simulation Lab

Market simulation lab sessions on internet based software to develop basic numeric and keyboarding skills.

(12 Hours)

Note: Students are expected to keep themselves updated with latest developments in the subject from financial dailies like The Economic Times, Financial Express etc., watch business channels e.g. CNBC, NDTV Profit, ET Now etc. and get updates from websites of SEBI, NSE etc.

Text Books:

1. Financial Markets: A Beginners' Module, Workbook from NSE
2. Mutual Fund: A Beginners' Module, Workbook from NSE

Reference Books:

1. Gurusamy, Financial Markets and Institutions, 3rd edition, Tata McGraw Hill.
2. Saunders, Financial Markets and Institutions, 3rd edition, Tata McGraw Hill.
3. Thummuluri, Siddaiah, Financial Services, 1st edition, Pearson Education.
4. Khan, Indian Financial Systems, 6th edition, Tata McGraw Hill.

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI

MASTER OF BUSINESS ADMINISTRATION (FINANCIAL MARKETS)- (MBA - FM)

Managerial Economics

Course Code: MS (FM) 105

L - 4 Credits – 4

Objective: The course is aimed at building a perspective necessary for the application of modern economic concepts, precepts, tools and techniques in evaluating business decisions taken by a firm. The course will also look at recent developments in business in the context of economic theory.

Course Contents:

- 1. Introduction:** Nature, Scope and Significance of Managerial Economics, its Relationship with other Disciplines, Role of Managerial Economics in Decision Making; Opportunity cost Principle, Production Possibility Curve, Incremental Concept, Cardinal and Ordinal Approaches to Consumer Behaviour: Equi-marginal principle, Law of Diminishing Marginal Utility, Indifference curve Analysis. **(14 Hours)**
- 2. Demand Analysis and Theory of Production:** Demand Function, Determinants of Demand, Elasticity of Demand, Demand Estimation and Forecasting, Applications of Demand Analysis in Managerial Decision Making; Theory of Production: Production Function, Short Run and Long Run Production Analysis, Isoquants, Optimal Combination of Inputs, Applications in Managerial Decision Making. **(14 Hours)**
- 3. Theory of Cost and Market Structures:** Traditional and Modern Theory of Cost in Short and Long Runs, Economies of Scale and Economies of Scope; Revenue curves; Market Structures: Price-Output decisions under Perfect Competition, Monopoly, Monopolistic Competition and Oligopoly; Strategic Behaviour of Firms and Game Theory:- Nash Equilibrium, Prisoner's Dilemma – Price and Non-price Competition. **(14 Hours)**
- 4. Introduction to Macro Economics:** Nature and Importance; Economic Growth and Development, Determinants of Economic Development; Methods of Measurement of National Income; Inflation: meaning, Theories, and Control measures; Recent Developments in Indian Economy. **(14 Hours)**

Text Books:

1. Hirschey, Mark (2009). Fundamentals of Managerial Economics, 9th edition, Cengage Learning.
2. Salvatore, D.(2006). Managerial Economics in a Global Economy, 6th Edition, Oxford University Press.

Reference Books:

1. Truett Lila J., Truett, Dale B. and Truett J. Lila (2006), Managerial Economics: Analysis, Problems, Cases, 8th Edition, John Wiley & Sons.
2. Atmanand (2008), Managerial Economics, 2nd Edition, Excel Books.
3. Christopher R Thomas & S Charles Maurice (2008), Managerial Economics, 9th edition, McGraw Hill Co.
4. Petersen, H. C., Cris, L W and Jain, S.K. (2008), Managerial Economics, 1st edition, Pearson

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL MARKETS)-
(MBA - FM)

Accounting for Management

Course Code: MS (FM) 107

L - 4 Credits - 4

Objectives: The course aims at enabling students to understand the basic accounting principles and techniques of preparing & presenting the accounts for users of accounting information. The course also familiarize the students with the basic cost and management accounting concepts and their applications in managerial decision making.

Course Contents:

1. Nature of Accounting Information: Scope and Nature of Accounting, Accounting concepts, Principles & Standards, Accounting Cycle, Journalisation, Subsidiary Books; Ledger Posting, Preparation of Trial Balance, Rectification of Error. Classification of Capital and Revenue. Fixed Assets and Depreciation Accounting. Preparation of Final Accounts, Manufacturing Account; Trading Account, Profit and Loss Account; Balance Sheet (with adjustments), Contents of Corporate Annual Reports with Annexures.

(14 Hours)

2. Cost Accounting: Objectives, Classification of Cost, Preparation of Cost Sheet, Material Cost Accounting, Perpetual Inventory Control, Inventory Valuation, EOQ, ABC Analysis, Setting of Reorder Level, Maximum Level, Minimum Level, Labour Cost Accounting, Remuneration and Incentive Schemes. Overhead Cost Allocations, Over and under Absorption. Job and Contract Costing, Operating Costing, Reconciliation of Financial and Cost Accounting

(14 Hours)

3. Performance Evaluation Techniques: Introduction to Budgeting and Budgetary Control; Performance Budgeting; Classification of Budget; Fixed and Flexible Budgets, Zero Based Budgeting, Standard Costing and Variance Analysis; Balanced Scorecard; Responsibility Accounting.

(14 Hours)

4. Decision Making Techniques: Cost Volume Profit Analysis; Profit Planning, Management Accounting for Decision Making and Control; Financial Leverage, Operating Leverage and Combined Leverage, EVA; Introduction to Activity Base Costing, Target Costing, Life Cycle Costing; Uniform Costing.

(14 Hours)

Text Books:

1. Horngren, Datar, Foster, Rajan, Iitner(2009). Cost Accounting- A Managerial Emphasis, 13th Edition, Pearson Education.
2. M.Y.Khan and P.K.Jain (2010), Management Accounting, Edition 5. Tata Mc Graw Hill.

Reference Books

1. Arora, M. N. (2008), Cost Accounting, 10th Editon, Vikas Publishing House.
2. Duray. Colin. (2004), Management and Cost Accounting, 6th Edition, Cengage Learning.
3. Maheshwari, S.N (2009). Accounting for Management, 2nd Edition., Sultan Chand & Sons.

4. Glautier, M.W.E. And Underdown B. (2010). Accounting Theory and Practice, Financial Times / Pearson.

Periodicals

1. American Accounting Association, The Accounting Review
2. Institute of Chartered Accountant of India, The Chartered Accountant
3. The Institute of Cost and Works accountant of India, The Management Accountant

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL MARKETS)-
(MBA - FM)

Information Technology Management

Course Code: MS (FM) 109

L – 3 P-0 Credits - 03

Objectives: The primary objective of this course is to familiarize the student with basic concepts of information technology and their applications to business processes.

Course Contents:

1. **Computer Hardware and Number System:** - CPU, Basic Logic Gates, Computer Memory and Mass Storage Devices, Computer Hierarchy, Input Technologies, Output Technologies. Number Systems and Arithmetic: Decimal, Binary, Octal and Hexadecimal Number Systems, Binary Arithmetic. (06 Hours)
2. **Computer Software:** Application and System Software, Programming Languages and their Classification, Assemblers, Compilers and Interpreters. Process of Software Development. Data Analysis using Spreadsheets. Operating Systems- Functions of Operating Systems, Types of Operating Systems (Batch Processing, Multitasking, Multiprogramming and Real time Systems). DBMS: Traditional File concepts and Environment, Database Management Systems Concepts, Types of Data Models, ER Modeling, Integrity Constraints, SQL queries. (14 Hours)
3. **Data communication and Networks:** Concepts of data communication, Types of data-communication Networks, Communications Media, Concepts of computer networks, Primary Network Topologies, Network Architectures-The OSI Model, Inter-networking devices. The Internet, Intranet and Extranets: Operation of the Internet, Services provided by Internet, World Wide Web. Creating Web Pages using HTML, Intranets and Extranets. (14 Hours)
4. **Functional and Enterprise Systems:** Data, Information and Knowledge concepts, Decision making process, Physical components of Information systems, Classification of Information systems. Overview of Security Issues in Information Technology. (8 Hours)

Text Books:

1. ITL Education Solutions (2009). Introduction to Information Technology, Pearson Education.
2. Turban, Rainer and Potter (2006). Introduction to information technology, 2nd Edition, John Wiley and Sons.

Reference Books

1. Turban Efraim, Ephraim McLean, James Wetherbe (2006), Information Technology for Management – Transforming organizations in the digital economy, 4th Edition, Wiley India.
2. Joseph A. Brady and Ellen F Monk (2007), Problem Solving Cases in Microsoft and Excel, Fourth Annual Edition, Thomson Learning.
3. Saini A. K. and Pradeep Kumar (2003), Computer Applications in Management, Anmol Publications.
4. Deepak Bharihoke, (2009), Fundamentals of Information Technology, 3rd Edition, Excel Books.

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI

MASTER OF BUSINESS ADMINISTRATION (FINANCIAL MARKETS)- (MBA - FM)

Capital Market Operations

Course Code: MS (FM) 111

L - 4 Credits – 4

Objectives: This course is designed to help the students in understanding the capital market trading, clearing, settlement and risk management processes of NSE. The students will also learn the eligibility criteria for membership of NSE, important regulatory aspects and valuation concepts.

Course Contents:

1. Indian Securities Market – An Overview

Introduction, Market segments, Primary market, Secondary market, products and participants, Derivatives market, reforms, research, corporate and government securities market; NSE membership - stock brokers, sub-brokers, broker-clients relationship, trading mechanism, code of ethics etc.

(8 Hours)

2. Trading

Introduction, NEAT system, Market types, Corporate hierarchy, local databases, market phases, order management, trade management, auction, limited physical market, RETDEBT market (RDM), trading, information downloaded to trading members and internet broking.

(12 Hours)

3. Clearing and Settlement

Introduction, key terminologies, Transaction cycle, Settlement process, Settlement agencies, Risks in settlement, Securities settlement, Funds settlement, Shortages handling, Risk containment measures, International securities, identification number, Demat and Electronic transfer of securities, Investor protection fund, Clearing software – data and reports download, file transfer protocol.

(12 Hours)

4. Legal Framework and Fundamental Valuation Concept

Introduction to various Acts governing securities Market - Securities Contracts (Regulation) Act, 1956, Securities Contracts (Regulation) Rules, 1957, Securities and Exchange Board of India Act, 1992, SEBI (Stock Brokers & Sub-Brokers) Regulations, 1992, SEBI (Prohibition of Insider Trading) Regulations, 1992, SEBI (Prohibition of Fraudulent and Unfair Trade Practices Relating to Securities Markets) Regulations, 2003, The Depositories Act, 1996, Indian Contract Act, 1872, The Companies Act, 1956, Income Tax Act, 1961, Money Laundering Act, 2002; Fundamental Valuation Concepts - Elementary statistical concepts, understanding financial statements, time value of money and equity research.

(12 Hours)

Market Simulation Lab

Market simulation lab sessions on internet based software to develop keyboarding skills for cash market.

(12 Hours)

Note: Students are expected to keep themselves updated with latest developments in the subject from financial dailies like The Economic Times, Financial Express etc., watch business channels e.g. CNBC, NDTV Profit, ET Now etc. and get updates from websites of SEBI, NSE etc.

Text Books:

1. Capital Market (Dealers) Module, Workbook from NSE.

2. Dhankhar, J N., (2009), Indian Capital Market in Operation, Skylark Publications.

Reference Books:

1. Chandra, Prasanna, (2009), Investment Analysis, 3rd edition, Tata McGraw Hill.
2. Choudhry, Moorad, (2002), Capital Market Instruments, Prentice Hall.
3. ED Madhusoodanan, (2008), Indian Capital Markets, Quest Publications.
4. Gurusamy, (2009), Capital Markets, 2nd edition, Tata McGraw Hill.

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI

MASTER OF BUSINESS ADMINISTRATION (FINANCIAL MARKETS)- (MBA - FM)

Financial Management

Course Code: MS (FM) 113

L-4 Credit-4

Objectives: The course is aimed at building an understanding of concepts, vital tools and techniques applicable for financial decision making by a business firm.

Course Contents:

1. **Nature and Scope of Financial Management;** Financial Objectives; Impact of Financial and Economical Environment on Financial Management; Time Value of Money including Pension Funds, Computation of EMI, Annuity, Annuity Due. Funds Flow Analysis; Cash Flow Statement and its Interpretation (AS-3), Financial Statement Analysis, Ratio Analysis, Time Series, Common Size Statements, Du Pont Analysis.
(14 Hours)
2. **Planning for Sources of Finance** (Domestic and International); Capital Structure; Net Income Approach; Net Operating Income Approach; Traditional Approach and MM Approach, Cost of Capital; EBIT – EPS Analysis, Capital Gearing/Debt-Equity Ratio, Generation of Internal Funds.
(14 Hours)
3. **Retained Earning Vs. Dividend Decision;** Gordon Model; Walter Model; MM Approach; Lintner Model; Planning of Funds through Management of Assets - Fixed and Current: Sustainable Growth Rate. Working Capital Management; Management of Cash (Various Theoretical Models), Inventories (Including Risk Analysis) and Receivables; Operating Cycle.
(14 Hours)
4. **Capital Budgeting** - Conventional and DCF Methods; Inflation and Capital Budgeting; Risk Analysis and Capital Budgeting-Certainty Equivalent Factor; Risk Adjusted Discounting Rate; Decision Tree; Independent and Dependent Risk Analysis; Replacement Decisions, Sensitivity Analysis, Basic International Capital Budgeting.
(14 Hours)

Note: Use of MS-Excel Functions and Formulas should be promoted amongst students for all topics given in the syllabus.

Text Books:

1. Khan, M. Y. and Jain P. K. (2007). Financial Management, Text, Problems & Cases, 5th Edition, Tata McGraw Hill Company, New Delhi.
2. Maheshwari, S.N.(2009)., Financial Management – Principles & Practice, 13th Edition, Sultan Chand & Sons.

Reference Books

1. Van Horne, James, C (2002), Principles of Financial Management, Pearson Education.
2. Prasanna, Chandra (2007), Financial Management: Theory and Practice, 7th Edition, Tata McGraw Hill.

3. Sheeba Kapil(2010), Financial Management, Pearson Education.
4. Brigham. Eugene F. and Houston. Joel F.(2006). Fundamentals of Financial Management, 10th Edition, Cengage Learning.

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**MASTER OF BUSINESS ADMINISTRATION (FINANCIAL
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Information Technology Management Lab

Course Code: MS (FM) 151

L – 0 P-2 Credits - 01

Lab will be based on Paper MS (FM) 109 and will basically cover the following: Operating System Commands, Basic HTML Tags, SQL Queries, MS- Word, MS-Excel and Power point.

SECOND SEMESTER

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL MARKETS)-
(MBA - FM)

Management of Technology, Innovation and Change

Course Code: MS 102

L-4 Credits-4

Objectives: This course is designed to help students to understand the importance of managing technology, innovation and change at the firm's level and also at the national level.

Course Contents:

1. **Technology Management** : Understanding Technology and its Relationship with Wealth of Nations and Firms Specific Knowledge; Technology Life Cycles, Technology Acquisition and Absorption; Technology Exports / Joint venture Abroad; Technological Intelligence and Forecasting, Global Trends in Technology Management.
(16 Hours)
2. **Change Management:** Understanding the Nature, Importance, Forces, Types of Change; Diagnosing Organizational Capability to Change-strategy, Structure, Systems and People; Building Culture and climate for Change: Role of Leadership; Managing Transformations.
(16 Hours)
3. **Innovations Management:** Invention vs. Innovation; Innovation Strategies and Models; Concurrent Engineering; Process Innovation, Product Innovation, Innovation Management.
(14 Hours)
4. **Creative and Lateral Thinking Management:** Thinking, Creative Thinking, Problem Solving, Managing Lateral Thinking.
(10 Hours)

Text Books:

1. Hossein Bidgoli (2010). The Handbook of Technology Management (3 Volume Set), Wiley.
2. Larisa V. Shavinina(2003), The International Handbook of Innovation, First Edition, Elsevier Science, Permagon.

Reference Books:

1. Tushman, Michael L and Philip Anderson (2004), Managing Strategic Innovation and Change, 2nd Edition, Oxford University Press.
2. Adair, John (2007), Leadership for Innovation, Kogan Page India Private Limited.
3. Narayanan, V K. (2001), Managing Technology and Innovation for Competitive Advantage. Pearson Education.
4. Frederick Betz (2003), Managing Technological Innovation, Competitive Advantage from change, Second Edition, John Wiley & Sons, Inc. , USA.

Supporting Documents/Readings:

1. "Technology Information Forecasting & Assessment Council" (TIFAC) Telecommunication: Technology Vision 2020, TIFAC, (1997), New Delhi, India.
2. Abdul Kalam, APJ and Rajan Y.S. (1990). India 2020: A vision for the New Millenium, Penguin Books.
3. DeBono, Edward (1990). Lateral Thinking, Penguin Books.

4. Melissa A. Schilling (2008). Strategic Management of Technological Innovation, Special Indian Edition, Tata McGraw Hill.

Guru Gobind Singh Indraprastha University, Delhi

MASTER OF BUSINESS ADMINISTRATION (FINANCIAL MARKETS)- (MBA - FM)

Investment Analysis and Portfolio Management

Course Code: MS (FM) 104

L-4 Credits - 4

Objectives: This course is designed to give the students a practical orientation towards the principles of investment, pricing, valuation and portfolio management.

Course Contents:

1. Investment Products

Investment goals, liquidity, Investment horizons and taxation; Alternatives for investment, Equity market, Mutual funds, Pension funds, Endowment funds, Insurance (life and non-life), banks, Money market, T-bills, Commercial paper, Certificates of deposit, Repos and reverses, Bond market, Treasury notes (T-notes) and T-bonds, bonds; Fixed income securities - time value of money, interest rates, bond pricing bond yields, coupon yield.

(8 Hours)

2. Capital Market Efficiency and Modern Portfolio Theory

Capital market efficiency - Market efficiency, Weak-form market efficiency, Semi-strong market efficiency, Strong market efficiency, Departures from the EMH; Modern portfolio theory - Diversification and portfolio risks, Portfolio variance - general case, Equilibrium module: Capital asset pricing model, Mean-variance, Investors and market, behaviour, Estimation of Beta and multifactor models.

(12 Hours)

3. Financial Analysis and Valuation of Derivatives

Financial analysis and valuation - Analysis of financial statements, Income statement (profit & loss), Balance sheet, Cash flow statement, various financial ratios, Valuation of common stocks; Valuation of derivatives - Forwards and futures, Pricing of call and put options and Black-Scholes formula.

(12 Hours)

4. Portfolio Management

Portfolio management, basic principles, Investment management through investment in companies, Mutual funds, Money market instruments, Index funds; Assessing portfolio management, Costs, Entry/exit loads and fees, Sharpe ratio, Treynor ratio, Jensen measure or (portfolio alpha).

(12 Hours)

Market Simulation Lab

Market simulation lab sessions on fundamental analysis software such as Capitaline, CMIE Prowess etc.

(12 Hours)

Note: Students are expected to keep themselves updated with latest developments in the subject from financial dailies like The Economic Times, Financial Express etc., watch business channels e.g. CNBC, NDTV Profit, ET Now etc. and get updates from websites of SEBI, NSE etc.

Text Books:

1. Investment Analysis and Portfolio Management Module, Workbook from NSE.
2. Fischer, Donald E., Jordan, Ronald J., (2010), Security Analysis and Portfolio Management, Pearson Education.

Reference Books:

1. Chandra, Prasanna, (2008), Investment Analysis and Portfolio Management, Tata McGraw Hill.
2. S.Kevin, (2006), Security Analysis and Portfolio Management, Prentice Hall of India.
3. Khatri, (2006), Investment management and Security Analysis, Macmillan.
4. Ranganatham M., (2009), Investment Analysis and Portfolio Management, Pearson Education.

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI

MASTER OF BUSINESS ADMINISTRATION (MBA)

Marketing Management

Course Code: MS 106

L - 4 Credits – 4

Objectives: The course aims at making students understand concepts, philosophies, processes and techniques of managing the marketing operations of a firm.

Course Contents:

- 1. Introduction to Marketing :** Meaning and Scope of Marketing; Marketing Philosophies; Marketing Management Process-an overview; Concept of Marketing Mix; Understanding Marketing Environment; Consumer and Organization Buyer Behavior; Demand Measurement; Market Segmentation, Targeting and Positioning. (16 Hours)
- 2. Product and Pricing Decisions:** Product Concept; Types of Products; Product Levels; Major Product Decisions; Brand Management; Product Life Cycle, New Product Development Process; Pricing Decisions: Determinants of Price; Pricing Process, Policies and Strategies. (14 Hours)
- 3. Promotion and Distribution Decisions:** Communication Process; Promotion Tools-Advertising, Personal Selling, Publicity and Sales Promotion; Distribution Channel Decisions-Types and Functions of Intermediaries; Channel Design; Selection and Management of Intermediaries. (14 Hours)
- 4. Emerging Trends and Issues in Marketing:** Consumerism, Rural Marketing, Social Marketing; Direct Marketing; Online Marketing, Green Marketing. (12 Hours)

Text Books:

1. Kotler, P., Keller, K.L. Koshy, A. and Jha, M., (2009). Marketing Management: A South Asian Perspective, 13th Edition, Pearson Education, New Delhi.
2. Etzel, M., Walker, B., Stanton, W. and Pandit, A (2009) Marketing Management, Tata McGrawHill, New Delhi

Reference Books

1. Ramaswamy, V.S and Namakumari, S. (2009) Marketing Management: Global Perspective Indian Context, 4th Edition, Macmillan Publishers India Ltd., New Delhi
2. Saxena, Rajan (2009), Marketing Management, Fourth Edition, Tata McGraw Hill Education Pvt. Ltd. New Delhi.
3. Louis E. Boone and David L. Kurtz (2007). Principles of Marketing, 12 th Edition, Cengage Learning.

4. Pride, William, M., and O.C. Ferrell (2010). *Marketing Planning, Implementation and Control*, Cengage Learning, New Delhi.

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI

MASTER OF BUSINESS ADMINISTRATION (FINANCIAL MARKETS)- (MBA - FM)

Business Research

Course Code: MS (FM) 108

L - 4 Credits - 4

Objectives: The course aims at equipping students with an understanding of the research process, tools and techniques in order to facilitate managerial decision making.

Course Contents:

- 1. Definition and applications of business research;** Types of research – descriptive, exploratory, correlational, explanatory, quantitative, qualitative; Steps in the research process; Reviewing of literature; Formulating a research problem – identifying objectives, establishing operational definitions; Identifying variables – defining concepts, indicators, variables; Types of measurement scales – nominal, ordinal, interval, ratio; Constructing hypotheses – functions, characteristics, types of hypotheses. (12 Hours)
- 2. Research design –** definition, functions; Study designs – based on number of contacts, based on reference period, experimental, non-experimental and quasi-experimental study designs, cross-over comparative experimental design, replicated cross-sectional design, action research; Methods of data collection – primary and secondary sources; Primary data collection instruments; Attitudinal scales – Likert, Thurstone, Guttman scales; Validity of research instruments – face and content, concurrent and predictive, construct validity; Reliability of research instruments – external and internal consistency procedures. (14 Hours)
- 3. Sampling –** concepts, principles; Types of sampling – probability, non-probability, mixed sampling designs; Sampling frame; Sample size determination; Writing a research proposal; Ethical issues in data collection; Data editing, coding and tabulating. (14 Hours)
- 4. Introduction to hypothesis testing;** Advanced data analysis techniques – basic concepts of discriminant analysis, factor analysis, cluster analysis, multi-dimensional scaling and conjoint analysis; Displaying data; Writing a research report. (16 Hours)

* Working Knowledge of Statistical Package such as SPSS/Systat/ SAS etc may be provided to the Students.

Textbooks:

1. Ranjit Kumar (2009) Research Methodology, 2nd edition, Pearson Education.
2. Naresh Malhotra and S Dash (2009) Marketing Research, 5th edition, Pearson Prentice Hall.

Reference Books:

1. Donald Cooper and PS Schindler (2009) Business Research Methods, 9th edition, Tata McGraw Hill.
2. Uma Sekaran (2010) Research Methods for Business, 4th edition, Wiley.
3. Robert Stine and D Foster (2010) Statistics for Business, 1st edition, Pearson Education.

4. Richard Levin and DS Rubin (2009) Statistics for Management, 7th edition, Pearson Education.

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI

MASTER OF BUSINESS ADMINISTRATION (FINANCIAL MARKETS)- (MBA - FM)

Commodity Markets

Course Code: MS (FM) 110

L - 4 Credits – 4

Objectives: This course is designed to help the students in understanding of commodities market, products, financial derivatives, pricing mechanism etc. They will be able to understand the trading, clearing and settlement operations using NCDEX platform. Students will also learn regulatory framework and taxation aspects.

Course Contents

1. Introduction to Commodity Derivatives

Introduction to derivatives, products, participants and functions, derivatives markets, difference between commodity and financial derivatives. Evolution of commodity exchanges, global commodity derivatives exchanges, latest developments. The NCDEX platform – Structure, exchange membership, risk management, clearing and settlement system and commodities traded on the NCDEX platform.

(10 Hours)

2. Application of Commodity Futures

Instruments available for trading - Forward contracts, Introduction to futures and options, Payoff for F&O, using futures versus options; Pricing commodity futures - Investment assets versus consumption assets, Cost of carry model, Futures basis; Using commodity futures for hedging, Speculation and arbitrage.

(12 Hours)

3. Trading, Clearing and Settlement

Trading - Futures trading system, Entities in the trading system, Commodity futures trading cycle, Order types and trading, Parameters, Margins for trading in futures, Charges, Hedge limits; Clearing and settlement - Clearing, Settlement, Risk management, Margining at NCDEX and Standard Portfolio Analysis of Risk (SPAN).

(12 Hours)

4. Regulatory Framework of Commodity Derivatives

Rules governing Commodity Derivatives Exchanges, Participants, Investor grievances and Arbitration; Implications of Sales Tax, Value Added Tax (VAT) and obligations; Electronic Spot Exchange - NCDEX Spot Exchange Ltd. (NSPOT).

(10 Hours)

Market Simulation Lab

Market simulation lab sessions on internet based software to develop trading skills for commodity market.

(12 Hours)

Note: Students are expected to keep themselves updated with latest developments in the subject from financial dailies like The Economic Times, Financial Express etc., watch business channels e.g. CNBC, NDTV Profit, ET Now etc. and get updates from websites of SEBI, NSE etc.

Text Books:

1. Commodities Market Module, Workbook from NSE
2. Chatnani, (2010), Commodity Markets, 1st edition, Tata McGraw Hill.

Reference Books:

1. Kleinman, George, (2001), Commodity Futures & Options, 2nd (revised, illustrated edition), Prentice Hall.
2. Stephens, John. (2001), Managing Commodity Risk, John Wiley & Sons.
3. Hirschey, (2010), Investments: Analysis and Behaviour, 1st edition, Tata McGraw Hill.
4. Indian Institute of Banking & Finance, (2007), Commodity Derivatives, Macmillan India Ltd.

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI

MASTER OF BUSINESS ADMINISTRATION (FINANCIAL MARKETS)- (MBA - FM)

Human Resource Management

Course Code: MS (FM) 112

L - 4, Credits -4

Objectives: This Course will aid the students in having a clear understanding about the concepts, methods and techniques and issues involved in managing human resource so as to facilitate employing, maintaining and promoting a motivated force in an organization.

Course Content

- 1. Introduction to Human Resource Management:** Concept of HRM, Nature, Scope, Functions, Objectives, Processes, Importance and Evolution of HRM, HRM Models (In India and Abroad), Roles and Responsibilities of HR managers.
Competitive Challenges and HRM: Technological Changes, Workforce Diversity, Employee Empowerment, Managing Protean Careers, Moonlighting Phenomenon etc.
(14 Hours)
- 2. Strategy and Workforce Planning:** Strategic Planning and HR Planning: Linking the Processes, Methods and Techniques of Forecasting the Demand and Supply of Manpower, Computing Turnover and Absenteeism, Job Analysis, Job Design: Behavioral Concerns, Ergonomic Considerations and Flexible Work Schedules.
(10 Hours)
- 3. Expanding the Talent Pool:** Recruitment, Selection, Career Management: Developing Talent Overtime, Career Development Initiatives, HRM Competencies: Roles of HR Generalists and HR Specialists, Training & Development, Appraising and Improving Performance: Performance Appraisal Programs, Processes and Methods, Job Evaluation, Managing Compensation, Incentives and Employee Benefits, Health and Social Security Measures, Managing Labor Relations: An Overview.
(18 Hours)
- 4. Contemporary Issues in HR –** Strategic Human Resource Management, International Human Resource Management Creating High Performing HR Systems: Wellness Programs and Work Life Balance and Green HRM, Human Resource Information Systems, Human Resource Audit, and Human Resource Accounting.
(14 Hours)

Text Books

1. Snell et al (2010). Human Resource Management, Cengage Learning(India Edition).
2. Dessler et al (2008). Human Resource Management, Pearson Education.

Reference Books

1. Armstrong, M. (2009). Armstrong's Handbook of Human Resource Practice, Kogan Page
2. Lepak, D. & Gowan M. (2009). Human Resource Management, Pearson Education.
3. Ivancevich (2009). Human Resource Management, Tata Mc Graw Hill
4. Denisi, A S, Griffin, R W (2005). HRM an Introduction, Cengage Learning

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL MARKETS)-
(MBA - FM)

Introduction to Derivatives – Equity and Currency

Course code: MS (FM) 114

L-4 Credits: 4

Objectives: This course is designed to help the students in understanding the concepts of equity and currency derivatives, products and their applications as a risk management tool using different trading strategies on stock exchanges.

Course Contents:

1. Basics of Equity Derivatives

Introduction, Meaning of derivatives, Put options, Call options, Applications of derivatives, Derivatives as a risk management tool.

(12 Hours)

2. Trading Futures and Options on Stock Exchanges

Trading Futures- Pay-off of futures, Theoretical models for future pricing; Trading Options – Option payouts, Option strategies, Determination of option prices, Factors affecting option prices; Derivatives trading on NSE – using daily newspapers to track F&O, settlement of F&O, accounting and taxation.

(12 Hours)

3. Introduction to Currency Markets

Introduction to Currency markets, Exchange rates, Factors affecting currency market, Currency futures, Strategies using currency futures, Hedging, Speculation, Arbitrage, NSE's currency derivatives segment.

(12 Hours)

4. Trading, Clearing, Settlement and Risk Management in Currency Futures

NSE membership - Categories, Eligibility and criteria, Futures contract specifications, trading system, Placing orders, client broker relationship; Clearing, settlement; Risk management system through margins of different kinds, Clearing entities and Settlement mechanism.

(10 Hours)

Market Simulation Lab

Market simulation lab sessions on internet based software to develop trading skills for derivative market.

(10 Hours)

Note: Students are expected to keep themselves updated with latest developments in the subject from financial dailies like The Economic Times, Financial Express etc., watch business channels e.g. CNBC, NDTV Profit, ET Now etc. and get updates from websites of SEBI, NSE etc.

Text Books:

1. Equity Derivatives: A Beginner's Module, Workbook from NSE
2. Currency Derivatives: A Beginner's Module, Workbook from NSE

Reference Books:

1. Vohra, N.D., and Bagri, B.R. (2009), Futures and Options, 9th edition, Tata McGraw-Hill Publishing Company Ltd.

2. Red Head, (2007), Financial Derivatives: An Introduction to Futures, Forward, Options, Prentice Hall of India.
3. Vohra, (2010), Futures And Options, 2nd edition, Tata McGraw Hill.
4. Varma, (2010), Derivatives and Risk Management, 1st edition, Tata McGraw Hill.

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI

**MASTER OF BUSINESS ADMINISTRATION (FINANCIAL MARKETS)-
(MBA - FM)**

**Managerial Skill Development - I
(Non University Examination)**

Course Code: MS (FM) 116

L-2 Credit -2

Objectives: This course will focus on overall Personality Development of students by enhancing their communication skills, shaping their attitudes and behaviours and ultimately preparing them for Corporate roles.

Course Contents:

- 1 **Strengthening Oral Communication:** Presentations and Extempore. (07 Hours)
- 2 **Strengthening Oral Communication:** Role Playing, Debates and Quiz. (07 Hours)
3. **Strengthening Written Communication:** Case Studies. Exercises on Corporate Writing, Creative Writing, Poster Making, Framing Advertisements, Slogans, Captions, Preparing Press Notes. (07 Hours)
4. **Group Discussion and Mock Interviews.** (07 Hours)

THIRD SEMESTER

SUMMER TRAINING APPRAISAL

Student's Name:

Programme:

You are requested to provide your opinion on the following parameters.

Outstanding	Good	Satisfactory	Unsatisfactory
A	B	C	D
1. Technical knowledge gathered about the industry and the job he/she was involved.			<input type="checkbox"/>
2. Communication Skills : Oral / Written / Listening skills			<input type="checkbox"/>
3. Ability to work in a team			<input type="checkbox"/>
4. Ability to take initiative			<input type="checkbox"/>
5. Ability to develop a healthy long term relationship with client			<input type="checkbox"/>
6. Ability to relate theoretical learning to the practical training			<input type="checkbox"/>
7. Creativity and ability to innovate with respect to work methods & procedures			<input type="checkbox"/>
8. Ability to grasp new ideas and knowledge			<input type="checkbox"/>
9. Presentations skills			<input type="checkbox"/>
10. Documentation skills			<input type="checkbox"/>
11. Sense of Responsibility			<input type="checkbox"/>
12. Acceptability (patience, pleasing manners, the ability to instill trust, etc.)			<input type="checkbox"/>
13. His/her ability and willingness to put in hard work			<input type="checkbox"/>
14. In what ways do you consider the student to be valuable to the organization?			<input type="checkbox"/>
Consider the student's value in term of:		(a) Qualification	
		(b) Skills and abilities	
		(c) Activities/ Roles performed	
15. Punctuality			<input type="checkbox"/>

Any other comments _____.

Assessor's Overall rating

Assessor's Name:

Designation:

Organization name and address:

Email id:

Contact No:

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI

MASTER OF BUSINESS ADMINISTRATION (FINANCIAL MARKETS)- (MBA - FM)

Summer Training Project

Course Code: MS (FM) 201

L-0

Credits-4

All the students will submit their Summer Training Reports (in duplicate) within a period of one month in the concerned institute/school; this period shall be counted from the last date of completion of their Summer Training. The supervisor in the organization under whose guidance the summer training is carried out will be required to grade the student's report in the format prescribed by the university (Annexure – A). Each student will be attached with one internal faculty guide, with whom they shall be in continuous touch during the training period. The internal faculty guide will be required to evaluate (out of 40 marks) on the basis of the assessment report provided by the organization where the Summer Training has been completed and his/her own assessment about the work done by the student. The evaluation of the remaining 60 marks shall be made by external examiner appointed by the University who shall evaluate the report on the basis of presentation and the assessment report received from the organization where student has undergone Summer Training.

GURU GOBINDSINGH INDRAPRASTHA UNIVERSITY, DELHI

MASTER OF BUSINESS ADMINISTRATION (FINANCIAL MARKETS)- (MBA - FM)

Equity Derivatives Market Operations

Course Code: MS (FM) 203

L-4 Credits-4

Objectives: This course is designed to help the students in understanding the basics of the derivatives market products in speculating, hedging and arbitraging. Students will also learn the process involved in trading, clearing, settlement and risk management of equity derivatives in addition to the regulatory, accounting and taxation issues.

Course Contents:

1. Introduction to Derivatives

Derivatives - types, history, participants and economic functions; Understanding interest rates and stock indices - Indices construction, economic significance, application; Futures contracts, mechanism and pricing - Forward contracts, Introduction to Futures, terminologies, pricing.

(8 Hours)

2. Pricing, Applications of Futures and Options

Understanding Beta, Numerical illustration of applications of stock futures; Options contracts, Mechanism and applications - Option terminology, Comparison between futures and options, Options payoffs, application of options; Pricing of options contracts - variables affecting option pricing, Black Scholes Merton model for option pricing (BSO), Greek letters.

(12 Hours)

3. Trading, Clearing and Settlement

Futures and options trading system, Trader workstation, Futures and Options market instruments, Criteria for stocks, Index eligibility for trading, Charges; Clearing and settlement - Clearing entities, Clearing mechanism, Settlement procedure, Risk management, Margining system.

(12 Hours)

4. Regulatory Framework and Accounting

Securities Contracts (Regulation) Act, 1956, Securities and Exchange Board of India Act, 1992, Regulation for Derivatives trading, Adjustments for Corporate actions; Accounting for Futures, Accounting for options, Taxation of derivative transaction in securities.

(12 Hours)

Market Simulation Lab

Market simulation lab sessions on internet based software to develop trading skills in futures and options.

(12 Hours)

Note: Students are expected to keep themselves updated with latest developments in the subject from financial dailies like The Economic Times, Financial Express etc., watch business channels e.g. CNBC, NDTV Profit, ET Now etc. and get updates from websites of SEBI, NSE etc.

Text Books:

1. Derivative Market (Dealers) Module, Workbook from NSE.
2. Hull C. John, Basu, Sankarshan (2010), Options, Futures and Other Derivatives, 7th edition, Pearson Educations.

Reference Books:

1. Overhaus Marcus. (2008), Equity Derivative - Theory and Application, John Wiley & Sons.
2. Vohra, N.D. and Bagri, B.R. (2009), Futures and Options, 9th edition, Tata McGraw-Hill.
3. Hull C. John, (2009), Options, Futures and Other Derivatives, 7th edition, Pearson Educations Publishers.
4. Bansal, (2010), Derivatives and Financial Innovations, 1st edition, Tata McGraw Hill.

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL MARKETS)-
(MBA - FM)

Regulatory Framework in Securities Market

Course Code: MS (FM) 205

L-4 Credits-4

Objectives: This course is designed to help the students in understanding the legal environment in which the financial market operates.

Course Contents:

- 1. Companies Act, 1956, SCRA, 1956 and Depositories Act, 1996**
Companies Act 1956 - Incorporation of a Company, Prospectus, Allotment and Issue of Shares, Share Capital and Debentures, Management and Administration, Winding up; Securities Contract Act, 1956 – Definitions, Listing of Securities, Penalties and Procedures; Depositories Act, 1996 – Definitions, Rights of Obligations of Depositories, Participants, Issuers and Beneficial owners, Enquiry and Inspection, Penalty.
(14 Hours)
- 2. SEBI Regulations Act, 1952, Circulars, Rules, Regulations and Bye-laws**
Definitions, Registration of stock brokers and sub brokers, Registration of trading and clearing members, General obligations and responsibilities, Inspection and procedure for action in case of default; Circulars, Rules, Regulations and Bye-laws - NSE, NSCCL, SEBI and MoF circulars as enforced from time to time, NSE rules, regulations and bye-laws, NSCCL rules, regulations and bye-laws.
(14 Hours)
- 3. SEBI Rules and Regulations**
SEBI (Prohibition of Fraudulent and Unfair Trade Practices relating to Securities Market) Regulations, 2003, SEBI (Prohibition of Insider Trading) Regulations, 1992, SEBI (Portfolio Managers) Regulations, 1993, SEBI (Underwriters) Regulations, 1993,
(14 Hours)
- 4. SEBI Rules and Regulations**
SEBI (Ombudsman) Regulations, 2003, Compliance with the provision of listing agreement, Compliance with book building guidelines for raising funds through public issue, Compliance with SEBI(DIP) guidelines for raising funds through public issue
(14 Hours)

Note: Students are expected to keep themselves updated with latest developments in the subject from financial dailies like The Economic Times, Financial Express etc., watch business channels e.g. CNBC, NDTV Profit, ET Now etc. and get updates from websites of SEBI, NSE etc.

Text Books:

1. Regulatory Framework in Security Market, Workbook from NSE
2. Endo, Tadashi, (2008), Indian Securities Market: A Guide for Foreign and Domestic Investors, Vision Books.

Reference Books:

1. Guide to SEBI, (2003). Capital Issues, Debentures & Listing in 2 Vols. 3rd Ed., Shekhar Publications.
2. SEBI Manual in 2 Vols with Free CD, (2009), 13th Ed, Taxman Publications.
3. Manual of SEBI Act, Rules, Regulations, Guidelines, Circulars, in 2 Vols 15th Edition. 2009, Bharat Publication.
4. Ramaiya Guide to Companies Act, 17th Edition, Box 2, 4 Vols, LexisNexis Publications.

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI

MASTER OF BUSINESS ADMINISTRATION (FINANCIAL MARKETS)- (MBA - FM)

Technical Analysis

Course Code: MS (FM) 207

L-4 Credits:4

Objectives: This course is designed to help the students to develop the practical skills for utilizing tools and techniques of technical analysis for timing the investment and trading decisions in stock, commodity and currency market.

Course Contents:

1. Introduction to Technical Analysis

Technical analysis, Basic assumptions, Strengths and Weakness; Dow theory, Charts, Candlestick charts analysis with one two and three candles like hammer, hanging man, shooting star, bearish and bullish harami; Pattern Study - Support and resistance, Head and shoulders, Double top and double bottom and Gap theory.

(16 Hours)

2. Major Indicators and Oscillators

Stochastics, RSI, Williams %R, MFI, Bollinger bands, Moving Averages, MACD, Other Investments

(8 Hours)

3. Major Theories in TA

Dow Theory and Eliot Wave Theory

(8 Hours)

4 Risk Management, Trading Psychology and Trading Strategies

Risk Management – Need, techniques, uses of stop loss, qualities of successful traders, golden rules of traders, do's and don'ts in trading, Rules to stop losing money, Choosing the right market to trade, Importance of discipline in trading; Day trading, Advantages of day trading, Risks associated with trading, Strategies for day trading, Momentum trading strategies.

(12 Hours)

Market Simulation Lab

Market simulation lab sessions to use technical analysis software such as Metastock, Advanced Gate etc.

(12 Hours)

Note: Students are expected to keep themselves updated with latest developments in the subject from financial dailies like The Economic Times, Financial Express etc., watch business channels e.g. CNBC, NDTV Profit, ET Now etc. and get updates from websites of SEBI, NSE etc.

Text Books:

1. Technical Analysis, Workbook from NSE
2. Edwards, Robert D. (2009), Technical Analysis of Stock Trends, 9 edition, 2009, Vision Book.

Reference Books:

1. Pring, Martin J., (2002), Technical Analysis Explained, 4 edition, McGraw Hill
2. Hirt, (2009), Fundamentals of Investment Management, 8th edition, Tata McGraw Hill.
3. Parameswaran, (2010), Futures And Options, 1st edition, Tata McGraw Hill.
4. Hirschey, (2010), Investments: Analysis and Behaviour, 1st edition, Tata McGraw Hill.

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI

MASTER OF BUSINESS ADMINISTRATION (FINANCIAL MARKETS) - (MBA - FM)

Interest Rate Derivatives

Course Code: MS (FM) 209

L-3 Credits – 3

Objectives: This course is designed to help the students in understanding the concept of money market and interest rate derivatives as a risk management tool.

Course Contents:

- 1. Money Markets and Government Bonds**
Interest rates and time value of money, money and fixed income markets, government bonds – characteristics, concept of yield, relationship between bond price and interest rate, duration, PVBP and other bond terminology, repo rate.
(11 Hours)
- 2. Interest Rate Derivatives**
Interest rate derivatives - OTC derivatives, forwards, interest rate swap, exchange traded contracts, futures, options, key terminologies; Interest rate futures in India - contract specifications, product features, trading, settlement and risk management.
(11 Hours)
- 3. Basic concepts of Interest Rate Futures (IRF)**
Key concepts in IRF - Notional bond usage as underlying, conversion factor, invoice price, cheapest to deliver bond, bond basis.
(10 Hours)
- 4. Application of Interest Rate Futures (IRF)**
Applications of IRF - Hedging, speculation and arbitrage strategies.
(10 Hours)

Note: Students are expected to keep themselves updated with latest developments in the subject from financial dailies like The Economic Times, Financial Express etc., watch business channels e.g. CNBC, NDTV Profit, ET Now etc. and get updates from websites of SEBI, NSE etc.

Text Books:

1. Interest Rate Derivatives: A Beginner's Module, Workbook from NSE
2. Sundaram, Janakiraman, (2009), Derivatives and Risk Management, Pearson Education.

Reference Books:

1. Rajwade, A. V. (2008), Handbook of Debt Securities and Interest Rate Derivatives, 1st edition, Tata McGraw Hill.
2. Bansal, (2010), Derivatives And Financial Innovations, 1st edition, Tata McGraw Hill.
3. Parameswaran, Sunil K. (2007), Interest Rate and Time Value for Money, Tata McGraw Hill
4. Parameswaran, (2010), Futures And Options, 1st edition, Tata McGraw Hill.

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI

MASTER OF BUSINESS ADMINISTRATION (FINANCIAL MARKETS)- (MBA - FM)

Management of Life Insurance

Course Code: MS (FM) 211

L-3 Credits-3

Objectives: This course is designed to help the students in understanding the fundamental principles of life insurance, premium, products, underwriting, how to become an agent, rules and regulations governing life insurance business

Course Contents:

1. Principles of Life Insurance, Premium and Bonuses

Introduction to Insurance, purpose, need, advantages, trustee, reinsurance, role of insurance in economic development. Life insurance contracts, insurable interest, features, principle of indemnity, different risks. Premium, risk net and pure premium, loadings, level, office, extra premiums, calculation of age, premium, life fund, actuarial valuation and bonus.

(10 Hours)

2. Life Insurance Products, Underwriting

Basic element, popular plans, convertible plans, with and without profit policies, children plans, variable insurance plans, Industrial Assurance Plans, SSS policies, riders, annuities, group insurance, agents role. Underwriting - Classification of risks, financial and data for underwriting, non medical underwriting, underwriting by agent, recent trends.

(11 Hours)

3. Insurance Documents, Policy Conditions and Claims

Introduction, proposal forms, personal statement, FPR, RPR, Policy document, endorsements, renewal and bonus notice, prospectus. Policy Conditions – introduction, age, grace, laps and non-forfeiture, paid up value, keeping policy in force, extended term insurance, revival, assignment, nomination, surrenders and loans, foreclosure, alteration, indisputability, MWP act policies, restriction. Maturity claims, survival benefit payments, death claim, accident and disability benefits.

(10 Hours)

4. Insurance Products, Agency and Regulations

Linked policy, option of fund, flexibility, NAV, lock in, charges, ULIPS and traditional insurance, annuities and pensions, IRDA guidelines. Agents role, regulations, procedure, remuneration, agency as profession etc. Insurance Act, 1938, LIC Act 1956, IRDA Act, 1999, Consumer Protection Act, 1986, Income tax Act, Married Women's Property Act 1874 and Micro Insurance.

(11 Hours)

Note: Students are expected to keep themselves updated with latest developments in the subject from financial dailies like The Economic Times, Financial Express etc., watch business channels e.g. CNBC, NDTV Profit, ET Now etc. and get updates from websites of SEBI, NSE etc.

Text Books:

1. Life Insurance workbook from Insurance Institute of India (IC33)
2. Mishra, (2009), Fundamentals of Life Insurance: Theories and Applications, Prentice Hall of India

Reference Books:

1. Sadhak, H. (2009), Life Insurance in India: Opportunities, Challenges and Strategic Perspective, Sage Publishers.
2. Karampal, Bodla, and Garg, M.C., (2007), Insurance Management Principles & Practices, Deep & Deep Publications.
3. Arthur C. and William C Jr., (2005), Risk Management and Insurance, Sultan Chand & Sons.
4. Harrington, Niehaus, (2007), Risk Management & Insurance, McGraw Hill Education

**MASTER OF BUSINESS ADMINISTRATION (FINANCIAL MARKETS)-
(MBA - FM)**

Debt Market

Course Code : MS (FM) 213

L-3 Credits – 3

Objectives: This course is designed to help the students in understanding the fundamental features of debt instruments, trading on the NSE-WDM Segment, regulatory and procedural aspects and concepts in valuation of bonds.

Course Contents:

1. Introduction to Debt Market

Debt instruments: fundamental features, Indian debt markets: profile, central government securities: bonds, t-bills, state government bonds, bond market indices and benchmarks.
(11 Hours)

2. Trading in Wholesale Debt Market (WDM)

Call money markets, corporate debt: bonds, commercial paper & certificate of deposits, repos, trading mechanism in the NSE-WDM.
(10 Hours)

3. Regulatory Framework

G-Sec Act 2006; SEBI (Issue and Listing of Debt Securities) Regulations 2008 and Market Practices and Procedures
(10 Hours)

4. Valuation of Bonds

Valuation of bonds, yield curve and term structure of interest rates – bootstrapping, alternative methodologies to estimate the yield curve, NSE ZCYC (Nelson Seigel Model), duration, fixed income derivatives – interest rate futures, swaps and guidelines.
(11 Hours)

Note: Students are expected to keep themselves updated with latest developments in the subject from financial dailies like The Economic Times, Financial Express etc., watch business channels e.g. CNBC, NDTV Profit, ET Now etc. and get updates from websites of SEBI, NSE etc.

Text Books:

1. FIMMDA-NSE Debt Market (Basic) Module, Workbook from NSE.
2. Dun and Bradstreet, (2008), Fixed Income Securities, Tata McGraw Hill.

Reference Books:

1. Bhardwaj, Gautam, (2008), The Future of India's Debt Market, Tata McGraw Hill.
2. Suryanarayan, (2002), Debt Market, ICFAI Publication Press.
3. Fabozzi, Frank, (2004), Fixed Income Analysis Workbook, 2nd edition, John Wiley & Sons
4. Shah, Ajay, Thomas, Sushan and Gorham, Michael, (2008), Indian Financial Markets, Elsevier, USA

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI

MASTER OF BUSINESS ADMINISTRATION (FINANCIAL MARKETS)- (MBA - FM)

Merchant Banking

Course Code: MS (FM) 215

L-3 Credits- 3

Objectives: This course is designed to help the students in acquiring necessary knowledge and skills for bringing public issue through merchant bankers.

Course Contents:

1. Introduction to Merchant Banking

Introduction to Merchant banking, Importance, need, functions, Merchant banking services - Project counseling, Loan syndication and Corporate counseling; Pre-issue merchant banking activities - Obtaining stock exchange approvals, action as per SEBI guide lines, Finalizing the appointments with - manager/advisers, Underwriters, Brokers, Bankers, Advertising agency, Drafting and approval of prospectus; Post-issue merchant banking activities – Issue subscription, Allotment of shares, Refunds, Periodical reports to SEBI.

(11 Hours)

2. Initial Public Offering (IPO)

Initial Public Offering - Issuance Process, Role of registrar, SEBI guidelines for IPO eligibility, IPO grading, Draft Red Herring Prospectus (DRHP), Listing agreement, Pricing the issue, Book building process, Allotment; SEBI Guidelines in Drafting the Offer Document; Pre and Post launch activities in IPO, SEBI Guidelines on QIP, Rights and Bond Issues

(11 Hours)

3. Issue of DRs, ADRs and CPs

Types and Process of Issuing of Depository Receipts (DRs) - American Depository Receipts (ADRs), Global Depository Receipts (GDRs), European Depository Receipts (EDRs), Indian Depository Receipts (IDRs), ADR structure and norms, Indian Depository Receipts (IDRs) and Guidelines; Procedure for issue of Commercial Paper – Credit Rating, Redemption process.

(11 Hours)

4. Issue of Bond and Debentures

Procedure for Issue of Bond and Debentures, Foreign currency convertible bonds

(9 Hours)

Note: Students are expected to keep themselves updated with latest developments in the subject from financial dailies like The Economic Times, Financial Express etc., watch business channels e.g. CNBC, NDTV Profit, ET Now etc. and get updates from websites of SEBI, NSE etc.

Text Books:

1. Merchant Banking, Workbook from NSE
2. Gurusamy, S. (2009). Merchant Banking & Financial Services, 1st edition, Tata McGraw Hill

Reference Books:

1. Verma, J C. (2006), A Manual of Merchant Banking, 4th edition, Bharath Publishing House, New Delhi
2. Machiraju, H R. (2007), Merchant Banking, Principles and Practice, New Age International
3. Gurusamy, (2009), Merchant Banking And Financial Services, 3rd edition, Tata McGraw Hill.
4. Relevant provisions of Companies Act and SEBI Guidelines.

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL MARKETS)-
(MBA - FM)

Mathematical Finance

Course Code: MS (FM) 217

L-3 Credits: 3

Objectives: This course is designed to help the students in understanding the application of mathematical concepts in fundamental analysis of equity market.

Course Contents:

1. Mathematical Tools

Basic probability, random variables - discrete and continuous random variables, expectation and variance, binomial, normal, and lognormal variables; Multivariate distributions - conditional probability and distributions, independence, covariance, conditional expectation; Sampling - sample mean and variance, large sample approximations, data fitting.

(10 Hours)

2. Portfolio Design

Cash flows - interest, present and future value, internal rate of return; Fixed income securities - bonds, prices and yields, duration, immunization, term structure of interest rates; Random cash flows - asset return, portfolio return, random returns, portfolio mean return and variance, diversification, portfolio diagram, feasible set, Markowitz model, two fund theorem, one fund theorem; Capital asset pricing model - capital market line, CAPM, betas of stocks and portfolios, security market line, use of CAPM in investment analysis and as a pricing formula.

(11 Hours)

3. Pricing of Financial Derivatives

Forwards and Futures - Forward and futures prices and values, hedging, stock index futures, currency futures; Options - Factors influencing options premium, Put-call parity, Binomial option pricing model (BOPM), dynamic hedging, pricing of American options.

(10 Hours)

4. Valuation Models for Financial Derivatives

Black Scholes Model - Modelling of stock prices, analogy with BOPM, delta hedging, hedging parameters - "The Greeks"; Option Spreads - Spreads, butterflies, straddles, and strangles; Value at Risk(VaR) - Estimating VaR by linear and quadratic models, Monte Carlo Simulation.

(11 Hours)

Note: Students are expected to keep themselves updated with latest developments in the subject from financial dailies like The Economic Times, Financial Express etc., watch business channels e.g. CNBC, NDTV Profit, ET Now etc. and get updates from websites of SEBI, NSE etc.

Text Books:

1. Mathematical Finance, Workbook from NSE
2. Fries, Christian (2007), Mathematical finance: theory, modeling, implementation, John Wiley and Sons

Reference Books:

1. Elliot, Robert J. (2005). Mathematics of Financial Markets ,2nd Edition, Springer Science
2. Ross, (2003). An Elementary Introduction to Mathematical Finance, 2nd Edition, The press Syndicate of the University of Cambridge.

3. Neftci, Salih, (2000), An Introduction to the Mathematics of Financial Derivatives, Second Edition by, Academic Press Advanced Finance
4. Joshi, Mark (2003), The Concepts and Practice of Mathematical Finance, Cambridge University Press.

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL MARKETS)-

(MBA - FM)

Equity Research

Course Code: MS (FM) 219

L-3 Credits-3

Objectives: This course is designed to give the students a practical orientation towards the principles of investment, pricing, valuation and portfolio management.

Course Contents:

1. Introduction to Equity Research, and Economic Analysis

Overview, market participants, types of research, role of an analyst, stocks and industry classification; Time value of money, future and present value, risk and return, types of risks, measurement, Beta, risk return trade off, quantitative and qualitative aspects, concept of intrinsic value; Economic analysis - Economic indicators, Gross domestic product, inflation, interest rates, credit policies, foreign direct investment, FIIs.

(8 Hours)

2. Industry and Company Analysis

Industry analysis, life cycle of an industry, SWOT analysis, characteristics of industry analysis, Michael Porters five forces model; Company analysis - Non financial aspect, the management, general analysis of company, SWOT analysis, quality-price matrix; Company analysis – financial, analysis of financial statements; Ratio analysis – Activity, Solvency and Valuation Ratios and leverage analysis.

(10 Hours)

3. Valuation of Stocks and Firms

Valuation concepts, time value of shares, share models, discount rate, multiplier approach to share valuation, regression analysis, preferred stock; Valuation of firms, weighted average cost, cost of debt, cost of preferred stock, cost of equity, CAPM approach, discounted cash flow approach, discounted cash flow corporate valuation model, relative corporate valuation model, advantages and disadvantages of relative valuation.

(8 Hours)

4. Report Writing and Presentation

Equity Research Report Writing – Information memorandum, format structure and content, source of information and its validity, desk research, independent appraisal of management information, expert / legal opinion.

(8 Hours)

Market Simulation Lab

Market simulation lab sessions on fundamental analysis software such as Capitaline, CMIE Prowess etc.

(8 Hours)

Note: Students are expected to keep themselves updated with latest developments in the subject from financial dailies like The Economic Times, Financial Express etc., watch business channels e.g. CNBC, NDTV Profit, ET Now etc. and get updates from websites of SEBI, NSE etc.

Text Books:

1. Equity Research Module, Workbook from NSE.
2. Kelleher, Jim, (2010). Equity Valuation for Analysts and Investors, McGraw Hill.

Reference Books:

1. Gurusamy, (2010), Capital Markets, 2nd edition, Tata McGraw Hill.

2. Dun and Bradstreet, (2008). Equity Research and Valuation, Tata McGraw Hill.
3. Gillian D. Elcock, (2010), How to Get an Equity Research Analyst Job, 1st edition, Ecademy Press
4. Valentine, James (2011), Best Practices for Equity Research Analysts, illustrated, McGraw Hill

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI

MASTER OF BUSINESS ADMINISTRATION (FINANCIAL MARKETS)- (MBA - FM)

Investment Banking

Course Code: MS (FM) 221

L-3 Credits: 3

Objectives: This course is designed to help the students in understanding the role and responsibilities of an Investment Banker, products, services for the individual as well as corporate while managing the risks.

Course Contents:

1. Investment Banking Services

Financial advisory, corporate finance, project finance, mergers and acquisitions, capital raising, debt, equities, initial public offerings (IPO's); Overview of commercial vs. Investment banking - traditional banking roles, traditional separation commercial and investment banking.

(11 Hours)

2. Asset management

Asset management - capital markets, foreign exchange, asset allocation.

(10 Hours)

3. Life Cycle of Trends

Life cycle of trends - a trade: from the front to the back office, risks arising from trades – credit, market, liquidity, operational and legal.

(10 Hours)

4. Risk Management and Corporate Governance

Risk management in investment banking, evolution of corporate governance, recent global regulatory developments

(11 Hours)

Note: Students are expected to keep themselves updated with latest developments in the subject from financial dailies like The Economic Times, Financial Express etc., watch business channels e.g. CNBC, NDTV Profit, ET Now etc. and get updates from websites of SEBI, NSE etc.

Text Books:

1. Investment Banking, Workbook from NSE
2. Gurusamy, (2010), Merchant Banking And Financial Services, 3rd edition, Tata McGraw Hill.

Reference Books:

1. Subramanyam, (2007), Investment Banking: Concepts, Analysis & Cases, McGraw-Hill
2. Lott, Tom, Loosvelt, Derek and Jarvis, William, (2008), Vault Career Guide to Investment Banking, 5th edition, Vault Inc.
3. Wise, John (2006), Investment Banking, 2006, Insiders Guide
4. Bodie & Mohanty, (2010), Investments, 8th edition, Tata McGraw Hill.

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI

MASTER OF BUSINESS ADMINISTRATION (FINANCIAL MARKETS)- (MBA - FM)

Financial Valuation and Modeling

Course Code: MS (FM) 223

L-3, Credits-3

Objectives: This course is designed to help the students learn the application of MS-Excel in the financial modeling.

Course Contents:

1. Excel as a tool in Financial Modeling

Excel concepts - Basic commands; Functions - math's, logical, look up, date, text and financial; Chart, diagram, picture, background, auto format, conditional formatting, style, filter, sort; Formulas and macros; What if analysis, pivot table, pivot chart, scenario, goal seek, problem solver tool, advanced filter.

(11 Hours)

2. Financial Modeling Basic Concepts

Introduction, Advanced functions of MS-Excel as a tool in financial modeling; Components of a financial model, building the template, filling in the historical data, identifying assumptions and drivers, forecasting various schedules and financial statement, building the supporting schedules, various approaches to valuation, key ratios, financial ratios and company analysis, building cases and sensitivity analysis - looking at the probabilistic analysis of the best and worst case scenario.

(10 Hours)

3. Cash Ratios and Non Cash Valuations

Cash Ratio - Structured model with a menu & accounting statements, Calculating key financial ratios, Deriving an international cash flow; Non Cash Flow Valuations - Accounting methods, Dividend discount models, Market-based methods – EPS and multiples, Fundamentals EV/EBITDA, EV/Sales, Peer groups.

(10 Hours)

4. Forecasting Methods and Initial Valuations

Review of forecasting methods, relationship between company and financial strategy, identifying and forecasting key drivers, linkages and modeling problems, deriving free cash flow; Cost of capital and initial valuation - alternative theories – bonds and arbitrage pricing theory, capital asset pricing model constituents, asset and equity betas, mathematical derivation, methods of adding terminal value, producing an equity valuation, comparison to existing share price.

(11 Hours)

Note: Students are expected to keep themselves updated with latest developments in the subject from financial dailies like The Economic Times, Financial Express etc., watch business channels e.g. CNBC, NDTV Profit, ET Now etc. and get updates from websites of SEBI, NSE etc.

Text Books:

1. Financial Valuation and Modeling, Workbook from NSE
2. Day, Alastair (2008), Mastering Financial Modelling in Microsoft Excel: A practitioner's guide to applied corporate finance, 2nd edition, Pearson Education.

Reference Books:

1. Jonathan Swan, (2005). Practical Financial Modelling a guide to current practice, 2nd edition, CIMA publishing Publication

2. Haug, Espen (2006). The Complete Guide to Option Pricing Formulas. New York: McGraw-Hill.
3. Marshall & Bansal, (2008), Financial Engineering: A Complete Guide to Financial Innovation, Prentice Hall of India.
4. Proctor, Scott (2009), Building Financial Models with Microsoft Excel: A Guide for Business Professionals, 2nd Edition, Wiley.

FOURTH SEMESTER

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL MARKETS)- (MBA - FM)

Project Dissertation

Course Code: MS 202

Credits-06

Every student will be assigned a project topic at the end of the second semester and it will be pursued by him/her under the supervision of an internal supervisor. The dissertation along with soft copy will be submitted by the students in their respective institutions. The format of the report is given below:

- Executive Summary
- Introduction
- Objective of the Research Undertaken
- Hypothesis, if any
- Literature Review
- Research Methodology
- Data Analysis
- Findings and Conclusions
- Recommendations
- Bibliography
- Appendices – to include questionnaire, if any

The student shall be required to submit progress reports as per the schedule to be announced by the School/Institutions for assessment by the project guide.

The dissertation shall be evaluated by External and Internal Examiners separately from out of 60 and 40 marks respectively. The internal assessment shall be done on the basis of a presentation by the student as per the assessment schedule to be decided and announced by the School/Institution.

The external assessment shall be done on the basis of Viva Voce and the report.

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL MARKETS)-
(MBA - FM)

Behavioural Finance

Course Code: MS (FM) 204

L - 03 Credits - 03

Objectives: The course covers details of rational and other behavioural aspects of market participants which influence the return from market to investors.

1. Foundation of Behavioural finance, Rationality to psychology, Agency theory, Prospect theory, Traders brain, Reasoned emotions; Overreaction and optimism

(10 Hours)

2. Challenges to market efficiency, Small firm effect, Momentum Vs Reversal, Noise trader risk in financial market, Attitude to risk, Expected utility, Mental accounting

(10 Hours)

3. Heuristic and Biases, Over confidence, Emotion and reasoning, Excessive risk taking, Behavioural explanation for anomalies, Excessive volatility, Loss aversion, Gamblers' fallacy

(12 Hours)

4. Investor behaviour, Conformity, Contrarian investing, Social forces selfishness or altruism, Group psychology on Board, Resistance to recognising failure, Conflict of interest. Cases of Enron, Satyam.

(10 Hours)

Text Books:

1. Tvede, Lars, (2002), The Psychology of Finance: Understanding the Behavioural Dynamics of Markets, Wiley
2. Monitor, James, (2002). Behavioural Finance: Insights into Irrational Minds and Markets, Oxford University Press.

Reference Books:

1. Thaler, Richard H. (1993), Advances in Behavioral Finance, Russell Sage Foundation
2. Shefrin, Hersh, (2000). Beyond Greed and Fear: Understanding Behavioral Finance and the Psychology of Investing, Harvard Business School Press.
3. Shleifer, Andrei, (2000). Inefficient Markets: An Introduction to Behavioral Finance, Oxford University Press.
4. Singhal, Vijay, Beyond the Random Walk: A Guide to Stock Market Anomalies and Low-Risk Investing, Oxford University Press.

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL MARKETS)-
(MBA - FM)

Surveillance in Stock Exchanges

Course Code: MS (FM) 206

L-3 Credits-3

Objectives: This course is designed to help the students in understanding the importance of role of surveillance in risk management. They will learn the regulatory aspects of surveillance and good corporate governance.

Course Contents:

1. Introduction to Surveillance

Importance of Surveillance in Stock exchanges, Market surveillance mechanism; Basic investment mathematics - return and risk, fundamental analysis, Introduction to financial statement analysis, basics of cost of capital, basics of capital structure, Introduction to capital budgeting, Concepts of time value of money and understanding market indices.

(10 Hours)

2. Surveillance and Risk Management

Introduction, Surveillance activities, Online surveillance, off-line surveillance, Rumour verification; Risk management, Risk containment measures, Settlement guarantee mechanism, Asset/capital adequacy, margins, Inspection of books and investigation, Penal charges and on-line monitoring.

(10 Hours)

3. Preliminary Analysis and Investigation

Processing of alerts, Unique client code and the requirements, Prevention of Money Laundering Act, 2002 (PMLA), Obligations of intermediaries, Policies and procedures, monitoring of suspicious transactions, records maintenance, reporting to Financial Intelligence Unit-India.

(10 Hours)

4. Rules and Regulations

Securities Contracts (Regulation) Act, 1956, Securities Contracts (Regulation) Rules, 1957, Securities and Exchange Board of India Act, 1992, SEBI (Stock Brokers & Sub-Brokers) Rules, 1992, SEBI (Stock Brokers & Sub-Brokers) Regulations, 1992, SEBI Guidelines on Disclosure and Investor Protection (DIP), SEBI (Prohibition of Insider Trading) Regulations, 1992, SEBI (Substantial Acquisition of Shares and Takeovers) Regulations, 1997, SEBI (Prohibition of Fraudulent and Unfair Trade Practices Relating to Securities Markets) Regulations, 2003, Corporate Governance, Investigation, Code of ethics.

(12 Hours)

Note: Students are expected to keep themselves updated with latest developments in the subject from financial dailies like The Economic Times, Financial Express etc., watch business channels e.g. CNBC, NDTV Profit, ET Now etc. and get updates from websites of SEBI, NSE etc.

Text Books:

1. Surveillance in Stock Exchanges Module, Workbook from NSE.
2. Saunders, (2010), Financial Markets and Institutions, 3rd edition, Tata McGraw Hill.

Reference Books:

1. Pathak, Bharati V. , (2010), The Indian Financial System: Markets, Institution and Services 3rd edition, Pearson Education India

2. John W. Labuszewski, John E. Nyhoff, Richard Co, Leo Melamed, Paul E Peterson, (2010), The CME Group Risk Management Handbook: Products and Applications, John Wiley and Sons.
3. Frisen, Marianne (2008). Financial Surveillance, John Wiley and Sons.
4. Garry J. Schinasi, (2005). International Monetary Fund. Safeguarding Financial Stability, IMF Multimedia Service Division

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL MARKETS)-
(MBA - FM)

Tax Planning and Management

Course Code: MS (FM) 208

L-3

Credits - 3

Objectives: The course provides an insight for tax avoidance strategies and means to increase return on investment through suitable tax planning

1. **Tax Systems:** Policy Proposals, Major Direct Taxes, Major Indirect Taxation, Powers of Central government and State governments to impose taxes; Income tax Act 1961, Heads of income, Income Tax on Salaries, Tax on Income from House Property, Income Tax on Capital Gains, Income Tax on Speculation in Shares, Inclusion of Other Persons income; Tax Planning for almost zero taxation. (12 Hours)

2. **SEBI:** Norms for Personal Investment, Risks Associated with Investing in stock market and impact of loss on tax liability, Impact of variation in Taxes on short term and long term capital gains including impact of inflation; Dividend distribution tax, Mutual Fund investments and taxation of return. (10 Hours)

3. **Components of Returns** and taxes thereon, taxation of returns from primary market, Equity Investment, Private Placement of Shares, Income Tax Benefits on Certain Investments, Wealth Tax, tax benefits from Life Insurance, Types of Insurance Policies, Unit Linked Insurance Policies (ULIPs), Joint Life Plans, Children Plans (10 Hours)

4. **Taxation of small saving instruments**, Post Office Savings Schemes. Exemption of taxation of Public Provident Fund, Taxation of fixed Deposits and other schemes with Banks, Company Deposits ,Debentures Bonds Government securities, Taxation of real estate investment; Taxation of investment in Gold and other commodities (10 Hours)

Text books : _

1. Ahuja, G. K. & Gupta, Ravi, Systematic Approach to Income Tax. Allahabad, Bharat Law House.
2. Mohan Rajat, (2011), Tax Planning through Investments, 2nd edition, Bharat Law House Pvt. Ltd.

Reference Books:

1. Bhagwati Prasad, (2011), Direct Taxes Law & Practice, Wishwa Prakashan.
2. Lakhota, R. N. (2011), Tax Planning of Personal Investments, Vision Books
3. Singhania, V.K., (2011), Direct Taxes: Law and Practices. Delhi, Taxman.
4. Srinivas E. A., (2011), Handbook of Corporate Tax Planning, New Delhi, Tata McGraw Hill.

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI

MASTER OF BUSINESS ADMINISTRATION (FINANCIAL MARKETS) - (MBA - FM)

Depository Operations

Course Code: MS (FM) 210

L-3 Credits: 3

Objectives: This course is designed to help the students to understand the rationale for a depository, services, processes and NSDL application software.

Course Contents:

1. **Capital Markets & Overview of NSDL**
Overview of Capital Markets – Capital market participants, governing rules, Intermediaries, Instruments, depositories, capital market process, internet initiatives at NSDL; Overview of NSDL – Key features of depository system, difference between bank and NSDL, legal framework, functions of depositories, services from NSDL
(6 Hours)
 2. **NSDL Business Partners**
Business partners of NSDL, NSDL application software, service standards, benefits and safety and charge structure of NSDL
(10 Hours)
 3. **Core Services from NSDL**
Account opening, transmission and nomination, Dematerialisation, trading and settlement.
(10 Hours)
 4. **Special Services from NSDL**
Pledge and Hypothecation, Corporate Actions, Public Issues, Debt Instruments and Government Securities, Warehouse Receipts, Tax Information Network (TIN)
(10 Hours)
- Market Simulation Lab**
Market simulation lab sessions / field training for opening DMAT Accounts.
(6 Hours)

Note: Students are expected to keep themselves updated with latest developments in the subject from financial dailies like The Economic Times, Financial Express etc., watch business channels e.g. CNBC, NDTV Profit, ET Now etc. and get updates from websites of SEBI, NSE etc.

Text Books:

1. NSDL–Depository Operations Module, Workbook from NSE.
2. Gaba, Vinay K. (2000) Depository Participants, Taxmann Allied Services.

Reference Books:

1. Khan, (2009), Indian Financial Systems, 6th edition, Tata McGraw Hill.
2. Pullani. Ravi, SEBI SCRA and Depository Act – 1979 (B), Bharat Law House
3. Goyal, Alok and Goyal, Mridula, (2006). Financial Market Operations, Jain VK (india) Enterprises
4. Mayes, David G. (2007). Open Market Operations and Financial Markets, 1st edition, Routledge, New York, USA

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI

MASTER OF BUSINESS ADMINISTRATION (FINANCIAL MARKETS)- (MBA - FM)

Advanced Technical Analysis

Course Code: MS (FM) 212

L-3 Credits: 3

Objectives: This course is designed to help the students to develop the practical skills in trading stock, commodity and currency market using advance concepts, tools and techniques of technical analysis to become a successful trader.

Course Contents:

1. Elliot Wave

Fundamental Concepts, Fire wave patterns – Wave 1, dominant trend, Three wave pattern (corrective trend) – Wave A to C., Patent recognition and fractals, Elliot wave rules and guidelines, Fibonacci relationships, Fibonacci sequence, Golden Ratio, Golden Ratio, Fibonacci retracement, After Elliot, Rediscovery and current use, Criticism

(10 Hours)

2. Japanese Candlestick Charting Techniques

Introduction to Japanese Candlestick basic technique, different type of candle stick charts and patterns covering Bullish Reversal, Bullish Continuation, Bearish Reversal, Bearish Continuation and Candlesticks that Reflect Indecision (Hammer, Inverted Hammer, Bullish/Bearish Engulfing, Bullish/Bearish Harami, Piercing Line, Bullish Doji Star, Evening Doji Star, Bullish Meeting Lines, Three White Soldiers, Morning Star, Morning Star, Spinning Top, Dragonfly Doji, Gravestone Doji, Bullish Abandoned Baby, Marubozu etc.) Combining Japanese candlesticks with western technical analysis to get powerful results.

(10 Hours)

3. Trading Strategies

The psychology of technical analysis – crowd behavior, bull bear cycle, the psychology of fear and success. End of the day trading, intraday trading, momentum trading, speculation etc. Trading equity, commodities, currency futures and derivatives.

(6 Hours)

4. Success as a Trader

Importance of discipline in trading, how to become a disciplined trader. Stages, qualities and skills required to be successful as a trader, some of the world's successful traders and techniques adopted by them.

(6 Hours)

Market Simulation Lab

Market simulation lab sessions to use technical analysis software such as Metastock, Advanced Gate etc.

(10 Hours)

Note: Students are expected to keep themselves updated with latest developments in the subject from financial dailies like The Economic Times, Financial Express etc., watch business channels e.g. CNBC, NDTV Profit, ET Now etc. and get updates from websites of SEBI, NSE etc.

Text Books:

1. Advance Technical Analysis, Workbook from NSE.
2. Poser, Steven W., (2007), Applying Elliott Wave Theory Profitably John Wiley & Sons, Ltd.

Reference Books:

1. Frost, A.J. and Prechter, Jr. Robert R., (2008), Elliott Wave Principle: Key to Market Behavior, Wiley Publication.
2. Steve Nison, (2001), Japanese Candlestick Charting Technologies, 2nd edition, **Prentice Hall Press**.
3. Steve Nison, (2003), The Candlestick Course, 1st Edition, Wiley Publication
4. Douglas, Mark (1990), The Disciplined Trader, Prentice Hall Press.

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI

MASTER OF BUSINESS ADMINISTRATION (FINANCIAL MARKETS) - (MBA - FM)

Mergers, Acquisitions and Corporate Restructuring

Course Code: MS (FM) 214

L-3 Credits- 3

Objectives: Liberalized economy has generated many opportunities of combining businesses to create wealth. The fundamental aim of the course is to prepare students to take advantage of the current scenario and understand how mergers, acquisition and corporate restructuring is implemented.

Course Contents:

1. Introduction in Mergers, Types of Mergers, Merger Strategy-Growth, Synergy, Operating Synergy, Financial Synergy, Diversification, Other Economic Motives, Hubris Hypothesis of Takeovers, Other Motives, Tax Motives Financial Evaluation, Joint Venture and Strategic Alliances. (12 Hours)
2. Legal Aspects of Mergers/ Amalgamation and Acquisition / Labour, Provisions of Companies Act, Regulation by SEBI, Takeover Code: Scheme of Amalgamation, Approval from Court. Valuation of a Business. (10 Hours)
3. Methods of Valuation – Cashflow Basis, Earning Potential Basis, Growth Rate, Market Price etc. Computation of Impact on EPS and Market Price, Determination of Exchange Ratio, Impact of Variation in Growth of the Firms, MBO, LBO, Boot Strapping; Criteria for Negotiating Friendly Takeover, Financing of Merger. (10 Hours)
4. Defence Against Hostile Takeover, Poisson Pill, Bear Hug, Greenmail, Pacman. Post Merger H.R. and Cultural Issues. (10 Hours)

Text Books:

1. Gaughan, Patrick A.(2008). Mergers Acquisitions and Corporate Restructurings, 4th edition, Wiley India.
2. J. Fred Westan, Kwang and Susan (2006). Mergers and Acquisitions, 1st Indian Reprint , Prentice Hall, India.

Reference Books:

1. Depamphilis Donald (2008). Mergers Acquisitions and Other Restructuring Activities, 4th edition, Academic Press Advanced Finance Series, Elsevier Incorporation.
2. Sundarsanam (2006). Creating Value from Mergers and Acquisitions, 1st Edition, Pearson Education.
3. Ramanujan. S.(1999). Mergers: The New Dimensions for Corporate Restructuring, McGraw Hill.
4. Gupta, Manju (2010). Contemporary Issues in Mergers and Acquisitions, Himalaya Publishing.

Periodicals

1. The Economist Group, The Economist.
2. Association for Corporate Growth, Mergers and Acquisitions Journal.

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL MARKETS)-
(MBA - FM)

Options Trading Strategies

Course Code: MS (FM) 216

L-3 Credits – 3

Objectives: This course is designed to help the students learn about the various option strategies, risks and payoff associated with different strategies.

Course Contents:

1. Introduction to Options

Option terminology, options payoffs, payoff profile of buyer and seller of long and short asset, long call and short call, long put and short put.

(10 Hours)

2. Options Strategies Basic

Long call, short call, synthetic long call, long put and short put; Covered call, long combo, protective call and covered put.

(10 Hours)

3. Options Strategies Intermediate

Long and short straddle, long and short strangle, collar

(8 Hours)

4. Options Strategies Advance

Bull call and put spread, bear call and put spread, long and short call butterfly, long and short call condor

(8 Hours)

Market Simulation Lab

Market simulation lab sessions on using different strategies for offering trading.

(6 Hours)

Note: Students are expected to keep themselves updated with latest developments in the subject from financial dailies like The Economic Times, Financial Express etc., watch business channels e.g. CNBC, NDTV Profit, ET Now etc. and get updates from websites of SEBI, NSE etc.

Text Books:

1. Options Trading Strategies Module, Workbook from NSE.
2. Parameswaran, (2010), Futures and Options, 1st edition, Tata McGraw Hill.

Reference Books:

1. Ralph Vince. (2007), Portfolio Management Formulas: Mathematical Trading Methods for the Futures, Options, and Stock Markets, John Wiley and Sons.
2. Vohra, N.D. and Bagri, B.R. (2009), Futures and Options, 9th edition, Tata McGraw-Hill Publishing Company Ltd.
3. Hull, John, C. (2009), Options, Futures and Other Derivatives. 7th edition, Pearson Educations Publishers.
4. Guy, Cohen, Options Made Easy: Your Guide to Profitable Trading, 2nd edition, Pearson Education

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL MARKETS)-
(MBA - FM)

Financial Journalism

Course Code: MS (FM) 218

L-3 Credits – 3

Objectives: This course is designed to help the students in acquiring skills for financial reporting to print media and for making presentation to stake holders.

Course Contents:

1. Introduction to Financial Journalism

Introduction to Business and Economic Journalism, Principles of good Business Writing, Covering Economic Indicators, Converting Monetary and Fiscal Policy Issues. Financial Reporting - Reporting Companies, Reporting Commodities, Understanding Personal Finance, International Organizations

(11 Hours)

2. Reporting banking and Policy Issues

Covering Banking, Covering Labour and Management, International Business Reporting, Covering Policy Issues

(11 Hours)

3. Reporting Accounting and Economic Issues

Media Management, Hot Topics in Global Economy, Economics for Journalists, Accounting and Finance for Journalists.

(10 Hours)

4. Reporting Legal and Ethical Issues

Legal and Ethical Environment - Legal and Ethical Issues in Business, Journalism and Corporate Communication

(10 Hours)

Note: Students are expected to keep themselves updated with latest developments in the subject from financial dailies like The Economic Times, Financial Express etc., watch business channels e.g. CNBC, NDTV Profit, ET Now etc. and get updates from websites of SEBI, NSE etc.

Text Books:

1. Financial Journalism, Workbook from NSE.
2. Aggarwal, S K., (1998), Stock Market and Financial Journalism, Shipra Publications.

Reference Books:

1. Robertson, David R., (1971), Financial Journalism, Summer School of Professional Journalism.
2. Khan, (2009), Financial Services, 5th edition, Tata McGraw Hill.
3. Sharma, Seema., (2005), Development of Journalism, 1st edition, Anmol Publication Pvt. Ltd.
4. Chapman, Jane, Kinsey, Marie, (2009), Broadcast Journalism- A Critical Introduction, 1st edition, Taylor and Francis.

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL MARKETS)-
(MBA - FM)

International Financial Management

Course Code: MS (FM) 220

L-3 Credits – 3

Objective: The fundamental aim of the course is to develop those skills that equip students to understand and appreciate the international financial issues that companies face when they operate in several separate countries. This course discusses various issues related to international capital markets, foreign exchange rate determination and global financial management.

Course Contents:

1. Global Financial Environment: Overview, International Monetary System: Exchange Rate Regimes, IMF, Euro Currency Market, EURO Market, Capital Market, Balance of Payments: Understandings, Analysis & Interpretation. **(10 Hours)**

2. Foreign Exchange Market: Nature, Structure, Types of transactions, Exchange rate quotation & Arbitrage, Spot & Forward, Foreign Exchange Market in India: Nature, Structure, Operations & Limitations, Exchange Rate Determination: Structural Models of Exchange Rate Determination, Exchange Rate Forecasting, The Exchange Rate of Rupee. **(12 Hours)**

3. Foreign Exchange Risk Exposure: Types of Risk, The Risk Management Process: Hedging, Swaps, Futures, Options, Types of Derivatives, Role of SEBI/RBI. **(10 Hours)**

4. Foreign Investment Decision: International Project Appraisal, Exchange Rate Risk & Cost of Capital, International Joint Ventures, A review of NPV Approach. **(10 Hours)**

Textbooks:

1. Bhalla. V. K. (2010), International Financial Management, 10th Edition, Anmol Publications Pvt. Ltd.
2. Siddaiah, (2010), International Financial Management, 1st edition, Pearson Education.

References:

1. Apte, P.G. (2009), International Financial Management, 5th edition, Tata Mcgraw–Hill.
2. Vij. Madhu.(2006), International Financial Management, 2nd Edition, Excel Books.
3. Shapiro. (2006), Multinational Financial Management. 8th Edition. Prentice–Hall
4. V. Sharan, (2004), International Financial Management, 3rd edition, Prentice- Hall.

Periodicals

1. Elsevier Incorporation, Journal of International Management.
2. Sage Publication, Global Business Review.
3. Wiley Blackwell, Journal of International Financial Management & Accounting.