

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY
DWARKA, NEW DELHI-110078

MBA (Financial Analysis)

Scheme and Syllabus

2021-22 onwards

(Approved by AC Sub Committee)

Pravin Chandra
Pravin Chandra

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Background Note:**Need for Syllabus Revision:**

MBA (Financial Analysis) program was launched by University from 2019-20. The program was quite contemporary and aimed at preparing individuals to serve the financial sector. As per the feedback of students, alumni, teachers and Employers, a need was felt to update the curriculum of the MBA (Financial Analysis) program to make it more focused and industry ready. In addition, with New Education Policy 2020, the curriculum of MBA (FA) was required to incorporate the features such as: CBCS, Multi-entry and Multi-exit, Academic Bank of Credits, etc. The current syllabus and scheme has been worked out for 2 years with flexible entry and exit.

The whole syllabus of MBA (Financial Analysis) is divided into following types:

- a) Core Papers
- b) Ability Enhancement Papers
- c) Skill Enhancement Papers
- d) Discipline Specific Elective Papers
- e) NUES
- f) Projects
- g) MOOC Courses

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SCHEME OF EXAMINATION

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SYLLABI

of

**MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)
(MBA (FA))**

for

First and Second Semesters

(w.e.f. 2021 – 2022 Academic Session)



**GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY
DWARKA, NEW DELHI-110078**

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Proposed MBA (FA) GGSIPU Syllabus 2021-22 Onwards

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

SCHEME OF EXAMINATIONS

Criteria for Internal Assessment

All theory courses have internal assessment of 50 marks and 50 marks for external examination. For the courses related to labs, summer training and projects, internal assessment is 40 marks and external examination is 60 marks.

The internal assessment of the students (out of 50 marks) shall be as per the criteria given below:

Class Test-I - 15 marks

Class Test-II - 15 marks

(Two compulsory written tests to be conducted as per the schedule communicated by the University as per Academic Calendar for the Class Tests.)

Individual Assignments/Presentation/Viva-Voce/Group Discussion/Class Participation
 - 20 marks

The student will be evaluated continuously during the semester as part of internal assessment. The assessment of the students **External (50 Marks)** shall be based on the written examination conducted by the University at the end of the semester, except NUES,

A student shall select any four electives as per the list provided in the scheme in third and fourth semesters respectively.

Note: Record should be maintained by faculty and made available to the University, if required.

MAXIMUM & MINIMUM CREDITS OF THE PROGRAM

The total number of the credits of the MBA (FA) Programme is 109.

Each student shall be required to appear for examination in all courses. However, for the award of the degree a student should secure at least **103** credits.

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SCHEME OF EXAMINATION
GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)

FIRST SEMESTER

Code No.	Paper	Type	L	T/P	Credits
MFA-101	Accounting for Management	Core	3	-	3
MFA-103	Quantitative Techniques	Core	3	-	3
MFA-105	Managerial Economics	Core	3	-	3
MFA-107	Information Technology Management	Skill Enhancement	3	-	3
MFA-109	Personal Finance	Core	3	-	3
MFA-111	Financial Markets and Institutions	Core	3	-	3
MFA-113	Management Process and Organizational Behaviour	Core	3	-	3
MFA-115	Legal aspects of Business	Core/Open Elective	3	-	3
MFA-117	Communication in Organizations	Ability Enhancement	2	2	3
MFA-119	Information Technology Management - Lab	Skill Enhancement	-	2	1
	Total		26	4	28

Industrial Visit:

There may be one Industrial Visit for the students in the 1st Year either in the First Semester or Second Semester. The students will be required to submit a report and present the same to their Industrial Visit In-Charge.

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**MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)
SECOND SEMESTER**

Code No.	Paper	Type	L	T/P	Credits
MFA-102	Financial Management	Core	3	-	3
MFA-104	Investment Analysis and Portfolio Management	Core	3	-	3
MFA-106	Business Analytics	Skill Enhancement	2	--	2
MFA-108	Macro and Mathematical Economics	Core	3	-	3
MFA-110	Business Research	Core	3	-	3
MFA-112	Marketing Management	Core	3	-	3
MFA-114	Human Resource Management	Core	3	-	3
MFA-116	Minor Project	Ability Enhancement	-	-	4
MFA-118	Professional Skill Development (NUES)	Skill Enhancement	2	1	3
MFA-120	Business Analytics - Lab	Skill Enhancement	-	2	1
MFA-122	MOOC/Open Elective*	Ability Enhancement	3	-	3
	Total		25	3	31

Note:

*The student is required to choose one MOOC course of 3 credits at PG level as per his or her preference/choice from Swayam portal or any other online educational platform approved by the UGC / regulatory body from time to time. After completing the course, the student has to produce successful course completion certificate for claiming the credit. The course chosen by the student should be intimated to the MOOC Coordinator of the respective institution. Alternatively, student can pursue any course offered in the campus by any USS with due intimation to the Program Coordinator/Dean of the School.

The Student is required to undergo Summer Training of Six to Eight Weeks after the end-term exam of 2nd Semester and obtain a Certificate of Training from the organization as per the format prescribed.

A Post-Graduate Diploma in Management will be awarded, if a student wishes to exit at the end of first year/second semester upon successful completion.

A Student having qualified in Post Graduate Diploma in Management from GGSIP University can join the MBA programme in 3rd Semester any time during the period. The procedure for depositing credits earned, its shelf life, redemption of credits, would be as per UGC (Establishment and Operationalisation) of Academic Bank of credits (ABC) scheme in higher education) Regulations 2021. The admission would be subject to availability of seats in the programme. Number of years spent for studies of this programme cannot be more than N+2 years.

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MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)

THIRD SEMESTER

Code No.	Paper	Type	L	T/P	Credits
MFA-201	Summer Training Report	Skill Enhancement	-	-	4
MFA-203	Behavioral Finance	Core	3	-	3
MFA-205	International Financial Management	Core	3	-	3
	Elective 1	Discipline Specific Elective	3	-	3
	Elective 2		3	-	3
	Elective 3		3	-	3
	Elective 4		3	-	3
	MOOC/Open Elective*	Ability Enhancement	-	-	3
MFA-227	Finance Lab – I	Ability Enhancement	-	4	2
	Total		18	4	27

*The student is required to choose one MOOC course of 3 credits at PG level as per his or her preference/choice from Swayam portal or any other online educational platform approved by the UGC / regulatory body from time to time. After completing the course, the student has to produce successful course completion certificate for claiming the credit. The course chosen by the student should be intimated to the MOOC Coordinator of the respective institution. Alternatively, student can pursue any course offered in the campus with due intimation to the Program Coordinator/Dean/Director of the School/College.

- The Students may undertake Education cum Industrial Tour to any station within India or Abroad (optional) with the prior permission of Dean/Director.
- For Project Dissertation to be done in 4th Semester, the allocation of Project Guide and selection of Topic will be done at the commencement of the 3rd Semester and notified.

List of Electives

Codes	Electives
MFA-207	Financial Econometrics
MFA-209	Project Management
MFA-211	Fixed Income Securities
MFA-213	Emerging Technologies in Finance
MFA-215	Direct and Indirect Taxes
MFA-217	Central Banking
MFA-219	Commercial Banking
MFA-221	Financial Journalism
MFA-223	Entrepreneurial Development and Start-up Finance
MFA-225	Financial Service Marketing

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MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)

FOURTH SEMESTER

Code No.	Paper	Type	L	T/P	Credits
MFA-202	Project Dissertation	Ability Enhancement	-	-	6
MFA-204	Corporate Social Responsibility Human Values & Ethics	Ability Enhancement	3	-	3
MFA-206	Finance Lab – II	Ability Enhancement	-	4	2
	Elective 1	Discipline Specific Elective	3	-	3
	Elective 2	Discipline Specific Elective	3	-	3
	Elective 3	Discipline Specific Elective	3	-	3
	Elective 4	Discipline Specific Elective	3	-	3
	Total		15	4	23

List of Electives

Codes	Financial Analytics
MFA-208	Technical Analysis
MFA-210	Equity Valuation
MFA-212	Merger, Acquisition & Corporate Restructuring
MFA-214	Risk Management
MFA-216	Financial Modelling
MFA-218	FinTech
MFA-220	Financial Derivatives
MFA-222	Strategic Financial Management
MFA-224	International Accounting & Reporting
MFA-226	Sustainable Finance
MFA-228	Investment Banking
MFA-230	Forensic Finance
Total Credits = 109	
To obtain the degree, the student shall require 103 Credits	

Proposed MBA (FA) GGSIPU Syllabus 2021-22 Onwards

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Summary of Credits

S. No.	Semester	Credits	No. of Core Courses	No. of Skill Courses	No. of Ability Enhancement Courses	Discipline Specific Elective	MOOC/Open Elective
1	I	28	21	4	3		
2	II	31	18	6	7		3
3	III	27	6	4	5	12	3
4	IV	23	0	0	11	12	
		109	45	14	26	24	6



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SEMESTER I



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GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)

Accounting for Management

Course Code: MFA-101

L - 3, Credits - 3

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 familiarizes the students with the basic cost and management accounting concepts and their applications in managerial decision making.

Course Contents

Unit I

Financial Accounting: Scope and Nature of Accounting, Accounting concepts, Principles & Standards, Accounting Cycle, Journalisation, Subsidiary Books; Ledger Posting, Preparation of Trial Balance, Rectification of Errors. Capital and Revenue Expenditure & Income. Fixed Assets and Depreciation Accounting. Preparation of Final Accounts, Manufacturing Account; Trading Account, Profit and Loss Account; Balance Sheet (with adjustments) **(12 Hours)**

Unit II

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 Costing, Overhead Cost Allocations, Over and Under Absorption. **(10 Hours)**

Unit III

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. **(10 Hours)**

Unit IV

Decision Making Techniques: Financial Statement Analysis, Ratio Analysis, Common Size Statements, Du Pont Analysis, Marginal Costing, Application of Marginal Costing in Decision Making, Cost Volume Profit Analysis; Profit Planning, Management Accounting for Decision Making and Control; EVA; Introduction to Activity Based Costing, Target Costing, Life Cycle Costing; Uniform Costing. **(10 Hours)**

Suggested Readings: (All Latest Editions)

1. Arora, M. N. Cost Accounting Principles & Practice. Vikas Publishing House.
2. Jawahar, L. Advanced Management Accounting. S. Chand & Company.
3. Periasamy, P. Financial, Cost and Management Accounting. Himalaya Publishing.
4. Khan, M.Y. & Jain, P.K. Management Accounting. McGraw Hill Education.
5. Maynard, Jennifer. Financial Accounting, Reporting & Analysis. Oxford University Press
6. Horngren, C.T., Foster, G., Datar, S.M. Cost Accounting: A Managerial Emphasis. Pearson Education

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GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)
QUANTITATIVE TECHNIQUES

Course Code: MFA-103

L-3, Credits-3

Objectives: To provide understanding on relevance & need of quantitative methods for making business decisions, to have a sound knowledge of fundamentals of statistics and statistical techniques, be able to read and interpret statistical information, be able to perform statistical analysis for effective decision making in organizations.

Course Contents

Unit I

Descriptive Statistics: Measures of central tendency, concept of dispersion, measures of dispersion: absolute and relative measures, skewness-meaning and measures, kurtosis-meaning and measures, bivariate analysis: concept of correlation, measures of correlation, regression meaning, regression lines, OLS regression: assumptions, computation of regression coefficients, standardized and unstandardised regression coefficients. Decision making based on Regression Analysis
(12 hours)

Unit II

Probability Analysis – Concept and meaning of probability, theorems of probability: addition, multiplications, Bayes' theorem, probability distribution: Discrete and Continuous distribution- binomial, Poisson and Normal Distribution. Application of Probability in decision making
(10 hours)

Unit III

Linear Programming : Meaning, Assumptions, formulation of linear programming model: solution of linear programming problem: graphical and simplex method, Special types of linear programming problems- assignment modeling, solution of assignment problem with Hungarian assignment model, travelling salesman model, transportation model, applications, computation of initial feasible solution and testing its optimality, concept of trans-shipment.
(10 hours)

Unit IV

Decision theory: States of decision making, decision tree analysis, game theory: meaning concept and types of games, principles of dominance, solution of games with algebraic, graphical and simplex method
(10 hours)

Suggested Readings: (All Latest Editions)

1. Sharpe, N.R., De Veaux, R.D., and Velleman, P.F. Business Statistics, Pearson
2. Black, K. Business Statistics: For Contemporary Decision Making. India, Wiley Publication.
3. Vohra, N.D. Quantitative Techniques in Management. McGraw Hill Education.
4. Sharma, J. Operations Research: Theory and Application. India, Macmillan Publication.
5. Francis, Joseph J. Business Statistics, Cengage Publication
6. Aczel, Amir D., Sounderpandian, J., & Saravanan P. Complete Business Statistics, India: McGraw Hill Education.

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GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)

Managerial Economics

Course Code: MFA-105

L - 3, Credits - 3

Objectives: 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

Unit I

Introduction: Nature, Scope and Significance of Managerial Economics, its Relationship with other Disciplines, Role of Managerial Economics in Decision Making; Opportunity cost Principle, Incremental Concept, Cardinal and Ordinal Approaches to Consumer Behaviour: Equi-Marginal Principle, Law of Diminishing Marginal Utility, Indifference Curve Analysis. **(12 Hours)**

Unit II

Demand Analysis and Theory of Production: Demand Function, Elasticity of Demand, Demand 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. **(10 Hours)**

Unit III

Theory of Cost and Market Structures: Theory of Cost in Short and Long Runs, Market Structures: Price-Output decisions under Perfect Competition, Monopoly, Monopolistic Competition and Oligopoly. **(10 Hours)**

Unit IV

Introduction to Macro Economics: Nature and Importance of Macro Economics; Market, Command, and Mixed Economies, The Invisible Hand. The economic role of government. Economic Growth and Development; policy framework of money supply, inflation, and interest rates. **(10 Hours)**

Suggested readings: (Latest Editions)

1. Hirschey, M. Managerial Economics. Thomson South-Western.
2. Salvatore, D. Managerial Economics in a Global Economy. McGraw-Hill.
3. Samuelson, W. F., & Marks, S. G. Managerial economics. John Wiley & Sons.
4. Truett, Dale B. and Truett J. Lila. Managerial Economics: Analysis, Problems, Cases, John Wiley & Sons.
5. Petersen, H. C., Cris, L W and Jain, S.K. Managerial Economics, Pearson Education
6. Satya P Das. Microeconomics for Business, Sage Publishing



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GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)

Information Technology Management

Course Code: MFA-107

L - 3, Credits - 3

Objectives: The primary objective of this course is to familiarize the student coming from diverse background with basic concepts of information technology, its components and their applications in business processes.

Course Content

Unit I

Information Technology: Components of IT systems, Characteristics and Classification of Computers. **Computer Architecture, Computer Memory:** Types of Memory, Storage devices, Mass Storage Systems. Concept of Cloud Computing, Data Centres and their challenges.
(06 Hours)

Unit II

Computer Software: Types of Software. System Software: Introduction to Operating System, Need, Functions and Types of Operating systems. Introduction to GUI. Compiler, Interpreter and Assembler, Types of Computer Programming Languages. Application Software and their uses. Features of Good Software and emerging trends in software development. Spreadsheet and Presentation Software. Data Analysis using Excel. DBMS: Traditional File concepts and Database Environment, Database Management Systems Concepts, Types of Data Models, ER Modeling, Integrity Constraints, SQL queries.
(14 Hours)

Unit III

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: Internet Services, World Wide Web, Creating Web Pages using HTML.
(12 Hours)

Unit IV

Functional and Enterprise Systems: Data, Information and Knowledge Concepts, Decision Making Process, Concept and Classification of Information Systems. Security Issues in Information Technology, Emerging Trends in Information Technology: Block Chain, Artificial Intelligence, Machine Learning, Internet of Things and their applications.
(10 Hours)

Suggested readings: (Latest Editions)

1. ITL Education Solutions. Introduction to Information Technology, Pearson Education.
2. Turban, Rainer and Potter. Introduction to Information Technology, John Wiley and Sons.
3. Behl R. Information Technology for Management, McGrawHill Education.
4. Joseph A. Brady and Ellen F Monk. Problem Solving Cases in Microsoft and Excel, Thomson Learning.
5. Mukta Sharma and Surabhi Shankar. Computer Applications, Galgotia Publishing Company.
6. Saini A.K. and Mukta Sharma, Web Technologies, Galgotia Publishing Company.

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GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)

Personal Finance

Course Code: MFA-109

L – 3, Credits – 3

Objectives: Personal Finance provides the tools necessary for students to gain both economic and financial literacy. The course also provides a set of practical applications to help students understand the complexities of financial decision-making. The course will equip students to design their own investment plan, choose the right products for themselves and can grow as a wealth consultant.

Course Contents

Unit I

Understanding Personal Finance: Emerging role of financial planners, process of planning and personal finances, rewards for sound financial planning, personal financing goals, determinants of personal income, income-consumption-savings, financial success and happiness; Inflation and interest rates, opportunity cost; Time Value of Money; budgeting and financial goals; Career planning and financial goals; Measure your financial health -Balance Sheet, cash flows and net worth, Financial Ratios to assess personal financial strength- Liquidity ratio to pay for emergencies, asset to debt ratio, debt service to income ratio, debt payments to disposable income ratio, investment assets to total assets ratio; Personal taxes and effective tax planning, income tax filing and establishing a saving program.

(12 Hours)

Unit II

Basics of Investments: Planning, risk-return tradeoff, types of investment instruments, investment decisions, designing a portfolio; risk free investment alternatives; banking products and services; Risk diversification and mutual funds, types of funds, systematic investment plan, investing in gold, ETF; Investing in bonds; basics of investing in capital markets, DMAT, public issues, secondary market, discipline in investing, value investing, contrarian investing, behavioural biases in investing, stock investment techniques, hybrid financial products; Electronic Money Management.

(10 Hours)

Unit III

Consumer borrowing and Insurance: Credit management, basic concept of credit, credit use, different types of credits, principles of using credit wisely, features of consumer loans, auto loan, home loan, personal loan, single payment loans and installment; credit cards, digital lending platforms, consumer borrowing decisions and credit score; Health insurance- managing health expenses, long term care insurance, disability insurance, property insurance, principles of property insurance, automobile insurance, other property and liability insurance; Life insurance- life insurance planning, benefits, policy terms and provisions ; types of insurance plans, term insurance, ULIPS.

(10 Hours)

Unit IV

Wealth Management and Retirement Planning: Real estate investment- financial criteria for buying a house, rent or buy decision, home buying process, financing a real estate, taxes, mortgage loans, capital gains; Retirement Planning- overview, social security, pension plans- NPS, retirement programs; Estate Planning – principles of estate planning, trusts, estate taxes, preparing a will.

(10 Hours)

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Suggested Readings: (Latest Editions)

1. Mitra, S. Rai, S.K, Sahu, A.P. and Jr. Harry, S. Financial Planning: Theory and Practice. Sage Publications.
2. Bennand, J. W., & Ralph, R. F. Personal Finance. Pearson Education.
3. Chaudhary, P. Your Everyday Guide to Personal Finance & Insurance. Network Publications
4. Phadke, Sanjay – “FinTech”, Sage Publications.
5. Joehnk, Billingslyey, & Gitman. Planning your personal finances. Cengage Publishing
6. E. Thomas Gorman and Raymond E. Forgue, Personal Finance, Southwest-Western Cengage Learning



GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)

Financial Markets and Institutions

Course Code: MFA-111

L – 3, Credits – 3

Objectives: To provide the student a basic knowledge of financial markets and institutions and to familiarize them with major financial services in India.

Course Content

Unit I

Financial Markets: Financial system and its components, functions; money market, instruments, types, regulations, Role of central bank in money market; capital markets, types, products, reforms; primary market, book building process; corporate debt market, financial markets and economic development; SEBI and recent reforms. **(10 Hours)**

Unit II

Banking Sector: Banking sector in India, role of RBI, commercial banks, committees, functions of a bank, products, assets and liabilities of banks; Non-performing assets, growth and performance of Indian banking sector; shadow banking, Fintech, digital currency, CBDC, E-banking, payment banks, financial inclusion, role and scope of payment banks, risks in banking-operational risk, credit risk, liquidity risk, financial stability, monetary policy, recent trends in banking sector. **(12 Hours)**

Unit III

Financial Institutions: Non-banking financial companies (NBFCs); Development Financial Institutions (DFIs); Mutual Funds, instruments, growth and performance of mutual funds; Life and non-life insurance companies in India, IRDA and recent reforms; Ministry of Corporate Affairs; Pension Fund Regulatory and Development Authority; Housing finance. **(10 Hours)**

Unit IV

Financial Services: Merchant banking, Venture capital and private equity; Factoring & Forfeiting; Credit rating agencies; Underwriting; Portfolio management; Project financing; Stock brokerage services; leasing and Hire-purchase; Recent developments. **(10 Hours)**

Suggested Readings: (All Latest Editions)

1. Mishkin, F. S., & Eakins, S. Financial Markets and Institutions. Pearson Education.
2. Bharti Pathak. Indian Financial System. Pearson Education.
3. Bhasin, N. Financial Institutions & Financial Markets in India: Functioning & Reforms. New Century Publications.
4. Fabozzi., F. J. Bond Markets Analysis and Strategies. Pearson Education.
5. Khan, M. Y. Indian Financial System. McGraw Hill Education.
6. Krishnamurti, C. Mergers, Acquisition and Corporate Restructuring, Sage Publications



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GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)

Management Process & Organizational Behaviour

Course Code: MFA-113

L-3 Credits-3

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

Course Contents

Unit I

Introduction to Management: Meaning and Nature of Management, Evolution of Management, Tasks and Responsibilities of a Professional Manager, Management by Objectives, Case Study.

Unit II

Process of Management: Planning- Concept, Process and Techniques, Directing – Definition, Principles and Process, Controlling - Definition, Process and Techniques, Decision Making – Concept, Importance and Models, Case Study.

Unit III

Fundamentals of Organizational Behaviour: Organizational Behaviour - Nature and Scope, OB Models – merits and demerits, Personality – concept and types, Perception and Attitude, Learning – concept and theories, Motivation – definition, importance and theories, Managing stress at Work – concept and techniques, Organization Structure – concept and types, Case Studies. Organizational Processes and Structure: Organizational Design and Structure, Organizational Culture and Climate, Cross Cultural Organizational Behavior

Unit IV

Group and their Dynamics, Work Teams: Group and their dynamics – Concept and Types, Work Teams – definition and importance, Stages of team Building and its behavioral dynamics, Leadership - Concept, Importance and Styles, Organizational Justice - Concept, Importance and Types.

Suggested Books: (All Latest Editions)

1. Robbins. Judge, S.P., T.A., Vohra, N. Organizational Behaviour. Pearson Education
2. Nahavandi, A. et al., Organizational Behavior. Sage Publication
3. Greenberg, J. and Baron, R.A. Behaviour in Organization. Pearson Education
4. Stoner, J.A.F., Freeman, R.E., Kodwani, A.D., et.al. Management. Pearson Education.
5. Newstorm, J.W. & Davis, K. Organizational Behaviour Human Behaviour at Work, McGraw Hill Education
6. Koontz, H, Weihrich, H, Mark V, Cannice, M.V. Essentials of Management – An International Innovation and Leadership Perspective, MC.Graw Hill.




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GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)

LEGAL ASPECTS OF BUSINESS

Course Code: MFA-115

L-3, Credits-3

Objectives: Managing business activities requires some level of acquaintance with the laws and legal systems. Laws are enacted to regulate and govern the relationships between business and various stakeholders i.e government, customers, suppliers, employees and community. This course is intended to enable the students acquire a general understanding of the legal system in India and the laws relevant to business world so that they appreciate the legal implications of the business decisions.

Unit-I

Introduction to Law and Legal Systems: Basic concepts of Law, Classification of Laws and Legal Systems, Indian Legal System and Administration of Justice, Constitutional Courts and their jurisdiction, Subordinate Judiciary and their jurisdiction, Tribunals and their jurisdiction, An overview of Alternate Dispute Resolution Mechanisms, Constitutional provisions related to the freedom to do business in India and the reasonable restrictions permissible, Nature of government regulation of business and markets in market economy .

(8 Hours)

Unit-II

Laws Governing Contracts: The Indian Contract Act, 1872- Definition and essential elements of a contract, Performance of a contract, Discharge of a contract, Breach of a contract, Remedies for breach under the Indian Contract Act, 1872; The Sale of Goods Act, 1930-Definitions of Sale, Agreement to Sell, Goods, Conditions and Warranties, Transfer of property, Rights if a seller and buyer, Rights of an Unpaid Seller.

(12Hours)

Unit-III

Laws Governing Business Forms: The Indian Partnership Act, 1932: Formation of Partnership, Relationship between partners, Rights and liabilities of partners, Dissolution of partnership and partnership business

The Companies Act, 2013: Company and its features, Types of Companies, Incorporation of a Company, Memorandum of Association and Articles of Association, Board of Directors and their appointment, powers, duties and liabilities, winding up of a company, Overview of Insolvency and Bankruptcy Code, 2016.

The Limited Liability Partnership Act, 2008: Features of LLP, Incorporation of LLP, Effects of Registration of LLP, Designated partners and their liabilities, Conversion of other forms of business organizations into LLP.

(12 hours)

Unit-IV

Laws Governing Relations with various Stakeholders:

The Securities and Exchange Board of India Act, 1992: Objectives, Regulatory powers of SEBI, Regulations related to Public Offer of Shares and Debentures, Regulations related to protection of investors.

Consumer Protection Act, 2019: Objectives and salient features, Definition of consumer, complainant, defect, deficiency, restrictive trade practice, unfair trade practice, rights of the consumers, 3-Tier structure of dispute resolution commissions-Powers and functions.

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Competition Act, 2002: Objectives and salient features, Definition of anti-competitive agreement, abuse of dominant position, combinations, role of Competition Commission of India in promoting competitive markets.
(10 hours)

Suggested Readings: (All Latest Editions)

1. Albuquerque, Daniel. Legal Aspects of Business, Second Edition, OUP India
2. Pathak, Akhileshwar. Legal Aspects of Business, Mc Graw Hill Education
3. Kumar, Ravinder. Legal Aspects of Business, Cengage Learning India
4. www.indiacode.nic.in
5. www.sebi.gov.in
6. www.cci.gov.in

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)

Communication in Organizations

Course Code: MFA-117

L-2,T/P-1, Credits-3

Objectives: The aim of the course is to train students to enhance their skills in written and oral communication. The course will help students develop competence in communication so that they can successfully handle the challenges of all types of communication in business environment.

Course Contents

Unit I

Introduction to Business Communication: Business communication – definition, importance. Forms and types of communication (Downward, upward, horizontal and lateral communication). Formal and informal communication network. Process of communication. Barriers and Gateways to communication. (12 hours)

Unit II

Written Communication and Application of Communication: Principles of Written Communication – 7C's Concept. Business and Commercial Letter (Request letters, Good News letters, Persuasive letters, Sales letters). Job application and Resume Writing. (12 hours)

Unit III

Oral Communication: Principles of Oral Presentations, Factors Effecting Presentation, Video-conferencing and Skype, Non-Verbal Communication (Para language, Time, Space, Silence, Body language). Relating through Informative and Persuasive speeches, Listening. (8 hours)

Unit IV

Recent Trends in Business Communication: Online Communication and Personal Relationships, Handling Online Meetings, Business Communication via Social Network, Writing Social Blogs. Inter-cultural communication. Ethical and Legal Issues. (10 Hours)

Suggested Readings (All Latest Editions)

1. Courtland L. Bovée et. al., Business Communication Today, Pearson
2. Steve Duck and David T. McMahan, The Basics of Communication, Sage, South Asia
3. Lesikar R et.al., Business Communication: Connecting in a Digital World, McGraw Hill.
4. Murphy H et.al., Effective Business Communication, McGraw Hill.
5. Reddy C.R. Business Communication, Wiley Publications.
6. Chaturvedi M. Art and Science of Business Communication, Pearson.




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**GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)**

Information Technology Management Lab

Course Code: MFA-119

T/P-2 Credits-1

Lab will be based on Paper MFA-107 and will basically cover the following: Operating System Utilities, SQL Queries, Basic HTML Tags to create web pages. In addition the students are required to work on Spreadsheet exercises for basic operations and using data analysis tools such as What-If, Goal Seek, Problem Solver, Pivot Tables, etc.

Students are required to maintain a record of all the exercises done by them in a Lab file duly signed by the faculty.



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SEMESTER-II



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GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)

Financial Management

Course Code: MFA-102

L - 3, Credits - 3

Objectives: The course is aimed to provide an understanding of the essential elements of financial management and the financial environment in which the business firm operates. The paper will examine the objective of shareholder wealth maximization which encompasses much of modern corporate finance and its implication for decision making in the present context.

Course Contents

Unit I

Financial Objectives; Impact of Financial and Economic Environment on Financial Management; Time Value of Money, Computation of EMI, Annuity, Annuity Due, Funds Flow Analysis, Cash Flow Statement and its Interpretation (AS-3). **(10 Hours)**

Unit II

Capital Structure: Net Income Approach, Net Operating Income Approach, Traditional Approach and MM Approach, Cost of Capital: Leverage Analysis, Operating Leverage, Financial Leverage, Combined Leveraged. EBIT- EPS Analysis, Capital Gearing. **(10 Hours)**

Unit III

Capital Budgeting, Conventional and DCF Methods, Risk Analysis-Certainty Equivalent Factor, Risk Adjusted Discounting Rate, Decision Tree, Independent and Dependent Risk Analysis, Replacement Decisions, Sensitivity Analysis. **(10 Hours)**

Unit IV

Dividend Policy: Walter Model, Gordon Model, MM Approach, Lintner Model; Working Capital Management: approaches, estimation; Management of Inventories; Management of Cash (Various Theoretical Models); Management of Receivables and Marketing Securities. **(12 Hours)**

Note: MS-Excel Functions and Formulas to be used.

Suggested Readings: (All Latest Editions)

1. Brigham, E. F., & Houston, J. F. Fundamentals of Financial Management. Cengage Learning India Pvt Ltd.
2. Khan, M.Y., & Jain, P.K. Financial Management: Text & Problems. Tata McGraw Hill.
3. Prasanna, C. Financial Management: Theory and Practice. Tata McGraw Hill.
4. Van Horne, James, C. Principles of Financial Management, Pearson.
5. Pandey, I.M. Financial Management, Pearson Education.
6. Ravi Kishore. Financial Management, Taxmann's Publications.




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GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)

Investment Analysis and Portfolio Management

Course Code: MFA-104

L - 3, Credits - 3

Objectives: This course is designed to provide students with a solid conceptual and analytical basis for making investment decisions, and to establish a background for evaluating financial risk and return dynamics.

Course Contents:

Unit I

Investment: Meaning, Nature and Scope, Features of Investment, Investment Process, Investment Avenues, Concept of Risk, Types of Risks, Return on Investments, Computation of Returns and Risk of a security and portfolio, Relationship between risk and return, Correlation, Covariance and Coefficient of determination, Beta of a security and portfolio, Division of total risk to systematic and unsystematic risk.

(10 hours)

Unit II

Capital Market Efficiency: Forms of Efficiency, Efficient Market Hypothesis, Deviation from Efficiency, Measurement of Efficiency of the Financial Markets. Modern Portfolio Theory, Efficient Frontier, Efficient Frontier and Investor's Utility, Indifference Curve of an Investor, Equilibrium of an Investor, Single Index Model, Capital Market Theory, Capital Asset Pricing Model

(12 hours)

Unit III

Fundamental Analysis: Concept, Economic, Industry and Company Analysis and Stock Valuation, Equity Valuation Methods, Technical Analysis, rationale of technical analysis, assumptions, candle stick charts patterns, indicators. Concept of Bonds, Term Structure of a Bond, Yield of a Bond, Duration of a Bond, Valuation of Bonds

(10 hours)

Unit IV

Portfolio Management and Evaluation: Portfolio Building, Portfolio Management Strategies, Valuation of a Portfolio, Sharpe, Jensen, Treynor, Sortino, Fama-French models of portfolio valuation.

(10 hours)

Suggested Readings: (All Latest Editions)

1. Bodie, Kane, Marcus, & Mohanty. Investments. Tata McGraw Hill Publication.
2. Chandra, P. Investment Analysis and Portfolio Management. Tata McGraw Hill Publication.
3. Reilly, F., & Brown, K. Investment Analysis and Portfolio Management. Cengage Learning.
4. Talwar, S. Security Analysis and Portfolio Management. Cengage Publication.
5. Luen Berger D. Investment Science, Oxford University Press.
6. Ranganatham. Security Analysis and Portfolio Management, Pearson Education.



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GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)

Business Analytics

Course Code: MFA-106

L - 2, Credits - 2

Objectives: The objective of this course is to introduce students to the capabilities and applications of business analytics.

Course Contents

Unit I

Introduction to Business Analytics- Concept and Scope, Importance of data in Business, Decision Models-Concept and Types, Analyst's role in the Business Analytics Model. **(4 Hours)**

Unit II

Exploring Data and Data Visualization: Exploring data using Pivot Tables, Pivot Charts, Look-up functions, Data Validation and whatif analysis functions in spreadsheets for data visualization. Introduction to Google Dashboards and Power BI. **(7 Hours)**

Unit III

Data Preparation: Treatment of Missing Values, Identification and management of Outliers & erroneous data.

Data Warehousing: Need for a data warehouse. ETL processes, Data Quality: Cause and Effect of Poor Data Quality, Alternative Ways of Storing Data, Master data management. **(7 Hours)**

Unit IV

Predictive Modelling and Analysis: Logic driven modelling, strategies for building predictive models, data-driven modelling, Supervised learning, regression-simple, multiple and logistic regression.

Data Reduction Techniques: Principal Component Analysis, Clustering Analysis: k-Nearest Neighbors. **(10 Hours)**

Suggested Readings: (All Latest Editions)

1. Evans, J.R., Business Analytics. Pearson
2. Tanushri Banerjee and Arindam Banerjee, Business Analytics: Text and Cases, Sage.
3. RN Prasad and Seema Acharya. Fundamentals of Business Analytics, Wiley, India.
4. Purba Halady Rao. Business Analytics: An Application Focus, PHI.
5. David Roi Hardoon and Galit Shmueli. Getting Started with Business Analytics: Insightful Decision-Making, CRC Press, Taylor & Francis Group.
6. Gert H.N. Laursen and Jesper Thorlund. Business Analytics for Managers: Taking Business Intelligence Beyond Reporting, Wiley.




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Pravin Chandra

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)

Macro and Mathematical Economics

Course Code: MFA-108

L - 3, Credits - 3

Objectives: The students shall be in a position to have understanding of basic framework of principles of Macro Economics and Applied Mathematical Economics. This learning shall provide support in business decision making at strategic level.

Course Contents

Unit I

Introduction: Macroeconomics vs. Microeconomics, Measurement of GDP, Alternatives to GDP in Measuring Economies, Branches of Macroeconomic theory, Macroeconomic Models, Stabilizations. National Income Accounting. Capital Mobility, Exchange Rate Systems.

(10 Hours)

Unit II

Keynesian Economics: Aggregate Demand and Supply Functions, Theory of Income and Employment, Voluntary Unemployment, Underemployment, Money Market and Keynesian Demand for Money; Introduction to IS-LM Model. Keynes vs. Hayek vs. Marx.

(11 Hours)

Unit III

Inflation: Concept, Types, Causes and Measurement, Effects of Inflation, Measures to Control Inflation, Concepts of Phillips Curve, Deflation and Stagflation. Trade Cycles: Concept, Causes and Phases of trade cycle. Money Supply, Effectiveness and ineffectiveness of Monetary Policy.

(11 Hours)

Unit IV

Introduction to Mathematical Economics: The Nature of Mathematical Economics, Economic Models. Static (or Equilibrium) Analysis: Equilibrium Analysis in Economics, Introduction to Linear Models and Matrix Algebra.

(10 Hours)

Suggested Readings: (All Latest Editions)

1. Froyen. Macroeconomics: Theories and Policies. Pearson.
2. McConnell, Campbell; Brue, Stanley; Flynn, Sean; Chaudhuri, Bibek Ray. Macroeconomics. McGraw Hill.
3. Chaing, A., & K., W. Fundamental Methods of Mathematical Economics. McGraw Hills Higher Education.
4. Chako, G., Sjöman, A., Motohashi, H., & Dessain, V. Credit Derivatives: A Primer on Credit Risk, Modeling and Instruments. Wharton School Publishing.
5. Dixit, A., & Nalebuff, B. Thinking Strategically: The Competitive Edge in Business, Politics and Everyday Life. New York: W.W. Norton & Company.
6. Carl E. Case and Ray C. Fair and Sharon Oster. Principles of Macro Economics, Pearson Education.




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GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)
BUSINESS RESEARCH

Course Code: MFA-110

L-3, Credits:3

Objectives: To acquaint the student with the concepts of research, research design, research process concepts, tools and techniques of data analysis and the process of effective report writing to conduct research and analysis for effective decision making

Course Contents

Unit I

Meaning, Purpose and Nature of research; Research; Problem: Formulation; Research Objectives and Research Questions; Research Process; Hypothesis: Formulation. Constructs; Variables; Review of Literature: Purpose, Types and Techniques. **(12 Hours)**

Unit II

Research Design; Meaning, importance and types of research designs; Sampling: Defining target population, sampling frame, sampling units; Sampling Methods; Determining sample size; Considerations in sample design. Sampling & Non Sampling Errors. **(8 Hours)**

Unit III

Questionnaire: Meaning, purpose, structured vs. unstructured questionnaires, designing questionnaire. Measurement scale: meaning, types, steps in scale formulation, reliability and validity of a measurement scale. **(10 Hours)**

Unit IV

Data Analysis: Descriptive Statistics, Hypothesis Testing, Parametric and Non Parametric Tests: Analysis of Variance, Multiple and Logistic regression, Exploratory and Confirmatory Factor Analysis; Discriminant Analysis;. Report Writing: Research Report Components, Process of Report Writing. **(12 Hours)**

Note: Software Tools to be used for enhanced learning.

Suggested Readings: (All Latest Editions)

1. Cooper, D. R. and Schindler P. S. Business Research Methods. Tata McGraw Hill Education Pvt. Ltd.
2. Hair, J.F., Black, W.C., Babin, B.J., Anderson, R.E. Multivariate Data Analysis. Pearson Education.
3. Montgomery, D.C. Design and Analysis of Experiments (International Student Edition). John Wiley & Sons.
4. Cochran, W.G. Sampling Techniques. John Wiley & Sons.
5. Johnson, R.A., & Wichern, D.W. Applied Multivariate Statistical Analysis New Delhi, Prentice Hall of India.
6. Zikmund, W.G. et al. Business Research Methods. New Delhi: Cengage Learning

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GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)

Marketing Management

Course Code: MFA-112

L -3:Credits-3

Objectives: This course is aimed at enabling students to understand the basic marketing concepts, processes and techniques. It will help develop and prioritise appropriate marketing strategies to meet the organizations marketing objectives and address its marketing challenges

Course Contents

Unit I

Introduction to Marketing: Meaning and Scope of Marketing; Marketing Philosophies; Concept of Customer Value and Customer Satisfaction, Marketing Management Process-An Overview; Concept of Marketing Mix; Understanding Marketing Environment; Consumer Buyer Behavior; Market Segmentation, Targeting and Positioning; Overview of Competitive Marketing Strategies.
(12 Hours)

Unit II

Product and Pricing Decisions: Product Concept; Product Classifications; Product Levels; Product Differentiation; Product Mix; Product Line Decisions; Product Life Cycle-Concept & Strategies; Brand and Branding Strategies; New Product Development Process; Pricing-Pricing Objectives, Determinants of Price, Pricing Methods & Strategies.
(10 Hours)

Unit III

Promotion and Distribution Decisions: Concept of Integrated Marketing Communication; Promotion Mix-Advertising, Personal Selling, Publicity, Direct Marketing and Sales Promotion; Channels of Distribution; Functions of Intermediaries; Channel Design Decisions, Selecting Channel Members; Channel Management; Emerging Channels of Distribution.
(10 Hours)

Unit IV

Contemporary Marketing Trends and Issues: Consumer Adoption of Innovations; Rural Marketing, Social Marketing; Sustainable Marketing; Digital Marketing; Ethical Issues in Marketing; Introduction to Marketing Analytics.
(10 Hours)

Suggested Readings: (All Latest Editions)

1. Kotler, P., Keller, K.L., Marketing Management, Pearson Education.
2. Lamb, C.W., Hair, J.F., Sharma, D. & Mc Daniel C., Marketing- A South Asian Perspective Edition, Cengage India Pvt. Ltd, Delhi
3. Baines, P., Fill, C., Page, K., Sinha, P.K., Marketing: Asian Edition, Oxford University Press, New Delhi.
4. Ramaswamy, V.S and Namakumari, S., Marketing Management: A Strategic Decision Making Approach Global Perspective Indian Context Hill, Sage
5. Walker O. C., Mullins J. & Boyd Jr. H. W., Marketing Strategy: A Decision Focused Approach, Mc Graw Hill Education.
6. Etzel, M., Walker, B., Stanton, W. and Pandit, A., Marketing Management, Mc Graw Hill Education.

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GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)

Human Resource Management

Course Code: MFA-114

L-3 Credits-3

Objectives: The course shall enhance the understanding of varied practices and processes of managing human resource and their relevance and contribution in terms of not only organization but the other employees working therein, and also the society at large.

Course Contents

Unit I

Introduction to Human Resource Management: Concept of Human Resource Management, Nature, Scope, Functions of Human Resource Management (HRM), various Models of HRM, merits and demerits of different HRM models; Roles of Human Resource managers; Responsibilities of Human Resource managers. **(6 hours)**

Unit II

Human Resource Planning: Forecasting demand and supply of manpower, techniques of forecasting, Analysis of work, Designing Jobs – Job Analysis – job description and job specification, Job Evaluation – definition, objectives and methods.
HR Processes: Recruitment, Selection, Induction, Socialization. Recent Developments/ Emerging Trends in HR, Use of Digital Tools by HR managers, Competency based selection. **(16 hours)**

Unit III

Development and Career Management: Training and Development-scope Importance, Types of training, Difference between raining and development, E-Learning, Development of Employees in Organization, Performance Appraisal & Performance Management – Definition Objective, Importance, Appraisal Process and Appraisal Methods, Employee Empowerment and Engagement. **(10 hours)**

Unit IV

Contemporary Issues in HR: Work Life Balance – definition, importance and challenges, Human Resource Information Systems – definition, importance and scope, Happiness at work, Managing Protean career, moonlighting phenomenon, Managing Workforce Diversity – concept, benefits and challenges. **(10 hours)**

Suggested Reading: (All Latest Editions)

1. Dessler G. and Varkkey, B., Human Resource Management, Pearson Education
2. Denisi A. et al., HR: A South Asian Perspective, Cengage Learning
3. Ivancevich J.M., Human Resource Management, McGraw Hill Education
4. Aswathappa, Human Resource Management, McGraw Hill Education
5. Mathis et al., Human Resource Management: South Asian Perspective, Cengage Learning
6. Mondy W., Human Resource Management, Pearson Education

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GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)

Minor Project

Course Code: MFA 116

Credits-4

The Project must focus on the application of management concepts, management theory or techniques studied in the first and second semester to understand and address an organizational or social issue or challenge. The project may be based on secondary or primary sources of data. On completion of the project students are required to submit a project report.



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GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)

Professional Skill Development (NUES)

Course Code: MFA 118

L-2, T-1, Credits-3

Objectives: The course is designed to equip students with life skills such that they not only develop a holistic personality but, are also equipped to lead in the face of contemporary challenges. The students will be exposed to various techniques that help in self-management and effectively relating to others. The objective is to equip them with the requisite soft skills for smooth campus to corporate transition and enhance their digital readiness.

Course Contents

Unit I

Life Skills: understanding oneself (core self-evaluation, values, ethics, personality assessment), stress management, building positive mindset, time management, work life balance, Exercises on personality development and mindfulness. **(10 hours)**

Unit II

Relating to others: Interpersonal relationship assessment, management and transactional analysis, social intelligence, Johari window, Conflict management, Exercise on relationship management and active listening. **(11 hours)**

Unit III

Campus to Corporate: Success at group discussion, Resume writing and feedback on resumes, Success in personal interviews, Public speaking and extempore. **(11 hours)**

Unit IV

Job Readiness: Introduction to analytics using spreadsheets, Introduction to Data Visualization, Simulation exercises through online platforms, Dream job analysis. **(10 hours)**

Suggested Readings: (All Latest Editions)

1. Wadkar, Alka. Life Skills for Success. Sage Publications
2. Joshi, Gangadhar. Campus to Corporate: Tour Roadmap to Employability. Sage Publications
3. Daniel, K. Thinking, fast and slow.
4. Covey, S. R. The 7 habits of highly effective people: Powerful lessons in personal change. Simon and Schuster.
5. Berne, E. Games people play: The basic handbook of transactional analysis. Tantor eBooks.
6. Narayana, D., Ranjan, S., & Tyagi, N. Basic Computational Techniques for Data Analysis: An Exploration in MS Excel. Sage Publications



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GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)

Business Analytics Lab

Course Code: MFA 120

T/P-2, Credits-1

Objectives: The course is aimed at enabling the students with hands-on exposure to the analytical tools and software to support the management in decision making.

Course Contents

Unit I

Practical exposure to Discrete and Continuous Metrics, Nominal, Ordinal, Interval and Ratio Data, Exercises on understanding different types of decision models. **(4 Hours)**

Unit II

Hands-on exercises on using Look-up functions, data validation and whatif analysis in spreadsheets, building google dashboard and Power BI dashboard. **(12 Hours)**

Unit III

Practical exposure to identification of outliers through Normal Distribution and Box Plots, Hands-on practice on Mahalanobis' Distance and Cook's D, spreadsheet modeling for business decisions (at least four exercises). **(6 hours)**

Unit IV

Building good regression models: Performing regression analysis, checking the regression model, testing regression assumptions, choosing best regression models.
Performing Principal component analysis and cluster analysis, reading results and interpreting results for problem solving and decision making. **(6 Hours)**



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GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)

MOOCs/Open Elective

Course Code: MFA 122

L-3, Credits-3

To remove rigid boundaries and facilitate new possibilities for learners in education system, study webs of active learning for young aspiring minds is India's Nation Massive Open Online Course (MOOC) platform. Massive Open Online Courses (MOOCs) are online courses which are designed to achieve the three cardinal principles of India's education policy: Access, Equity and Quality. MOOCs provide an affordable and flexible way to learn new skills, career development, changing careers, supplemental learning, lifelong learning, corporate eLearning & and deliver quality educational experiences at scale and more.

A student is required to earn 3 credits by completing quality –assured MOOC programme offered on the SWAYAM portal or any other online educational platform approved by the UGC / regulatory body from time to time at PG level. Successful Completion certificate should be submitted to respective institute for earning the course credit.

Alternatively, student can pursue any course offered in the campus by any USS at PG level with due intimation to the Program Coordinator/Dean of the School.



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SEMESTER III



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GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)

Summer Training Project

Course Code: MFA-201

Credits – 4

Course Outcomes:

- CO1: Integrate academic theory with practice.
 CO2: Develop self-confidence, sensitivity and appreciation for diversity, clarification of work and personal values, and workplace etiquette.
 CO3: To apply knowledge and skills learned in company/industry/organization to real-world problems
 CO4: Develop and demonstrate workplace competencies such as oral and written communication, critical thinking, organization, problem solving, decision making, leadership, managing interpersonal relationships, etc. necessary for professional success.
 CO5: Carry out research projects, analyze data, and write up and present results in meetings (including experience in using specialized tools at each stage of this process).

All the students will submit their Summer Training Project (in duplicate) within a period of one month from the date of completion of their Summer Training to the concerned Institute/School. The supervisor in the organization under whose guidance the summer training is carried out will be required to grade the student's performance in the format prescribed by the university, attached below. Each student will be attached with one internal faculty guide, with whom he/ she shall be in continuous touch during the training period. The internal faculty guide will be required to evaluate the report (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 for the remaining 60 marks shall be made by an external examiner appointed by the University who shall evaluate the report on the basis of a presentation and the assessment report received from the organization where the student has undergone Summer Training.

CO- PO Mapping

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3	3	2	3	3	2	2	2	2	2
CO2		2	2	3	3	2	2	3	3	2	2		2	
CO3	3	3	3	3	3	3	3	3	3	2	3	3	3	2
CO4	3	3	3	3	3	2	3	3	3	3	3	2	2	2
CO5	2	3	2	3	3	3	2	3	3	2	2	3	3	3

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GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)

Behavioral Finance

Course Code: MFA-203

L – 3, Credits – 3

Objectives: The students are expected to understand the behavioral aspects of irrational market participants and their influence on the market.

Course Outcomes:

CO1: The students will understand interrelationship of economic, social, psychology theories underlying human decision making.

CO2: This course will help students develop understanding of foundations of behavioral finance and its theories.

CO3: They will learn tools and techniques for analyzing stock market behavior and will be able to make strategies for designing portfolios.

CO4: The course is especially useful for those learners who want to start entrepreneurial ventures as investment consultants, advisors and investment banking

Course Content

Unit I

Foundations of Behavioral Finance: Definition, behavioral finance micro and behavioral finance macro, important contributors, components, difference with standard finance; Market efficiency and anomalies; Expected Utility Theory; Agency theory; Limits to Arbitrage; Prospect theory, basic framework; Loss Aversion, model of loss aversion; Gambler fallacy, hot hand fallacy.

(10 Hours)

Unit II

Investor Behavior: Types of investors, objectives of investment, factors influencing Investor decision making, factors influencing investor personality, characteristics of successful investors; Risk Attitude, types of risk, standard finance view of risk, behavioral finance viewpoint of risk, risk perception, factors affecting risk attitude; Investor Personality, tools, investor models, contrarian investor, examples, strategies.

(10 Hours)

Unit III

Behavioral Biases and Irrational Investing: Heuristics and Biases, representativeness heuristic, availability heuristic, affect heuristic, similarity heuristic; Cognitive and Emotional Biases, overconfidence bias, cognitive dissonance bias, self-attribution bias, illusion of control bias, conservatism bias, ambiguity aversion bias, endowment bias, self-control bias, optimism bias, mental accounting bias, confirmation bias, hindsight bias, recency bias, regret aversion bias, status quo bias, Strategies to Overcome Biases; Over Reaction and Optimism; Herding Behavior and Mean Reversal.

(11 Hours)



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Unit IV

Recent Advances in Behavioral Finance: Neuro Finance, human brain, brain secretions, neurotechnology; Noise Trading, Behavioral Capital Asset Pricing Model, Behavioral Portfolio Theory, investor sentiments; Conflict of Interest and Group Psychology on Board, contract theory, corporate governance, strategies.

(11 Hours)

Suggested Readings: (Latest Editions)

1. Monitor, J. Behavioural Finance: Insights into Irrational Minds and Markets. Oxford University.
2. Shefrin, H. Beyond Greed and Fear: Understanding Behavioral Finance and the Psychology of Investing. Harvard Business School Press.
3. Thaler, R. H. Advances in Behavioral Finance. Russell Sage Foundation.
4. Tvede, L. The Psychology of Finance: Understanding the Behavioural Dynamics of Markets. Wiley.
5. Chandra, P. Behavioural Finance. McGrawHill.
6. Parikh, P. Value Investing and Behavioral Finance: Insights into Indian Stock Market Realities. McGraw Hill.

CO- PO Mapping

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	3										3	3	
CO2	3	2												3
CO3					2		3	3	1		3	2	3	3
CO4	2	2	3	3	3	2	3	3	2	2	2	1	3	

Proposed MBA (FA) GGSIPU Syllabus 2021-22 Onwards

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GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)

International Financial Management

Course Code: MFA-205

L – 3, Credits – 3

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

Course Outcomes:

- CO1: Understand different exchange rate regimes, and systems across the globe
 CO2: Analyze, apply and evaluate information within the global financial environment of foreign exchange to solve problems and make informed decisions
 CO3: Recognize and calculate forward exchange rates given spot rates, identify market conventions on exchange rate quotation
 CO4: Develop a sound understanding of the foreign exchange market and foreign exchange risk exposure
 CO5: Analyze both quantitative and qualitative financial information to influence foreign investment decisions

Course Content

Unit I

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

Unit II

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, Exchange Rate of Rupee. **(12 Hours)**

Unit III

Foreign Exchange Risk Exposure: Types of Risk, The Risk Management Process: Hedging, Swaps, Futures, Options, Role of Regulatory Bodies. **(10 Hours)**

Unit IV

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

Suggested Readings: (Latest Editions)

1. Eun, Cheol; and Resnick, Bruce, G. International Financial Management. McGraw Hill Education Private Limited.
2. Apte, P. International Financial Management. McGraw Hill Education Private Limited.
3. Levi, Maurice D, International Finance. Routledge.
4. Shapiro, Alan C, Multinational Financial Management. Wiley Publishers.
5. Sharan, V, International Financial Management. Prentice Hall India.
6. Siddaiah, T, International Financial Management: An Analytical Framework. Pearson.

Proposed MBA (FA) GGSIPU Syllabus 2021-22 Onwards

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CO-PO Mapping

CO1	3	1		1	2	1			1	1	2	3	3	3	3	3
CO2	3	2	1	3	2	3				2	2	3	2	3	2	3
CO3	2	3	1	2	2	1	1		1	1		3	1	3	2	3
CO4	3	3	2	1	1		1		2	2	3	3	2	3	2	3
CO5	3	3	3	3	3	3	2	3	3	3	2	3	2	3	3	3

Proposed MBA (FA) GGSIPU Syllabus 2021-22 Onwards

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GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)

Financial Econometrics

Course Code: MFA-207

L – 3, Credits – 3

Objectives: This course takes an intuitive approach to apply the techniques of econometrics for problem solving. The course aims at providing a hands-on practical approach for econometric tests, methods of estimation, and interpretation of the results to solve the business problems.

Course Outcomes:

CO1: Understand the nature and behavior of time series data

CO2: Apply financial econometrics techniques on the real-life financial data.

CO3: Forecast the financial data, derive a relationship between two or more series for useful implications.

CO4: Validate financial theories and methods with the help of empirical data.

Course Content

Unit I

Financial Econometrics: Meaning, Nature, scope and methodology of Financial Econometrics, Types of Data, Returns in financial modelling, process of formulation of econometric model. Simple Linear Regression Model: Assumptions, Procedures and properties of OLS estimator, Co-efficient of determination, Tests of significance, Maximum Likelihood Method; Multiple Linear Regression Analysis: Method of least squares, Properties of OLS estimator, Test of significance of regression coefficient, R^2 and adjusted R^2 .
(12 Hours)

Unit II

Issues with Classical Regression Model: Multicollinearity, Autocorrelation and Heteroskedasticity; Functional forms; Dummy variables-Nature and uses. Stationary Time Series Models: Stochastic process, Stationary, Modeling AR, MA, ARMA processes, Deterministic and stochastic trends, unit roots, testing unit roots – Dickey & Fuller, Phillips and Perron tests.
(10 Hours)

Unit III

Modelling Volatility: Conditional Heteroscedastic Models: ARCH Models, GARCH Models, Estimation of GARCH Models, Forecasting with GARCH Model, Asymmetric GARCH Models, The GARCH-in-Mean Model, Volatility and Correlation: The VEC Model, The Diagonal VEC Model, The BEKK Model, The Constant Correlation Model, the Dynamic Correlation Model. Vector Autoregressive Models: Issues in VAR, Hypothesis Testing in VAR
(10 Hours)

Unit IV

Advanced Topics in Regression Analysis Selected Topics: Dynamic Econometric Models: distributed lag models; autoregressive models; instrumental variable estimation; simultaneous equation models. Panel Data Models Methods of estimation; fixed effects model; random effects model.
10 Hours)

Suggested Readings: (Latest Editions)

1. Dougherty, C. Introduction to Econometrics. Oxford University.
2. Gujarati, D. N. Basic Econometrics. Mc GrawHill Education.
3. Studenmund. Using Econometrics; A Practical Guide. Pearson Education.
4. Wooldridge, J. Introductory Econometrics - A Modern Approach. Cengage Learning Pvt. Ltd.
5. Hakekar, N.R. Principles of Econometrics, Sage.
6. Kacapyr, E. A Guide to Basic Econometric Techniques, Routledge.



Proposed MBA (FA) GGSIPU Syllabus 2021-22 Onwards

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CO-PO Mapping

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3	PSO4	PSO5
CO1			3	3	2	3	3	3	2	2	3	3	3	3
CO2	3	3	3	3	3	3	3			2	3	3	3	3
CO3	3	3	3	3	3	3				3	2	3	3	3
CO4	3	3	3	3	3		3			3	3	3	3	3



Proposed MBA (FA) GGSIPU Syllabus 2021-22 Onwards

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GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)

Project Management

Course Code: MFA-209

L – 3, Credits – 3

Objectives: The Course aims at making the student understand the concept of Project Objectives: The course is multi-dimensional in approach and covers the areas of management of project in the context of management and financing, resource allocation, and risk analysis. The course is aims to impart knowledge on project related activities to prepare the students for organizational responsibilities.

Course Outcomes:

- CO1: Appreciation of concept of project activity as distinct from routine activities and their role in business decision making
- CO2: Capacity to generate new project ideas and evaluate the same for sustainable growth of business.
- CO3: Ability to plan and execute large scale projects with time and cost efficiency.
- CO4: General awareness of project life cycle and specific requirement of different stages of projects.
- CO5: Acquaintance with project scheduling, monitoring, control and termination of projects.
- CO6: Acquisition of skills necessary to manage risk associated with project activities.

Course Content

Unit I

Project Identification and Selection: Introduction, Project Identification Process, Generation and Screening of Project Ideas, monitoring the environment and identifying investment opportunities, Project Initiation, Pre-Feasibility Study, Feasibility Analysis- Technical, Market, Financial, Economic, Project Break-even point and its managerial implications.

(10 Hours)

Unit II

Project Planning and Recourse Consideration: Introduction, Project Planning, Need of Project Planning, Project Life Cycle, Roles, Responsibility and Team Work, Project Planning Process, Resources Considerations in Projects, Resource Allocation, Scheduling, Project Cost Estimate and Budgets, Project Scheduling/Network Techniques in Project Management: CPM and PERT Analysis; Float Times; Crashing of Activities; Contraction of Network for Cost Optimization, Updating; Cost Analysis of Resources Allocation.

(12 Hours)

Unit III

Organizational Structure and Quality Issues: Introduction, Concept of Organizational Structure, Roles and Responsibilities of Project Leader, Relationship between Project Manager and Line Manager, Leadership Styles for Project Managers, Conflict Resolution, Team Management and Diversity Management, Change management, Project Quality Management, Quality Concepts, Value Engineering process.

(10 Hours)

Unit IV

Project Risk Management, performance management and control: Introduction, types of Risks, risk Management, Role of Risk Management in Overall Project Management, Steps in Risk Management, Risk Identification, Risk Analysis, Reducing Risks, Project Performance Measurement, Performance Measurement Matrix, Productivity, Project Performance Evaluation, Benefits and Challenges of Performance Measurement and Evaluation, Controlling the Projects-Project Execution, Project Control Process.

(10 Hours)



Proposed MBA (FA) GGSIPU Syllabus 2021-22 Onwards

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Suggested Readings: (Latest Editions)

1. Chadra, P., Projects: Planning, Analysis, Selection, Financing, Implementation, and Review. McGraw Hill Education.
2. Pinto, Jeffrey K., Project Management. Pearson Education.
3. Panneerselvam. R. and Senthil kumar. P., Project Management. PHI Learning Pvt. Ltd.
4. Sharma. J. K., Operations Research: Theory and Applications, 3rd Edition, Macmillan India Ltd.
5. Choudhury, S., Project Management, Tata Mc Graw Hill Publishing Company.
6. Bhavesh, M. Patel. Project Management: Strategic Financial Planning Evaluation and Control, Vikas Publishing House Pvt. Ltd.

CO-PO Mapping

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	2	3		2				2	3		2	1	
CO2	2	3	2	3	2		3	2	3	3		2	2	2
CO3	2	3	3	3	3	2		2	3	3	2	3	3	
CO4	3		3	2	2				2	2	3			
CO5	2	2	3	2	3				2	2	2	2		3
CO6	2	3	3	3	3	2	2	2	2	2	3	3	2	3

Proposed MBA (FA) GGSIPU Syllabus 2021-22 Onwards

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GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)

Fixed Income Securities

Course Code: MFA-211

L – 3, Credits – 3

Objectives: The course aims to demonstrate a basic understanding of the fixed income securities market. The course will equip the students with concepts and tools useful for valuation, investment, and fixed-income securities risk management. The students will develop critical and analytical skills using MS-Excel to better understand and interpret the subject.

Course Outcomes:

- CO1: Understand the concept and fundamental features of fixed income securities.
 CO2: Understand valuation and pricing of fixed income securities and calculation of yield and return.
 CO3: Identify the types and sources of risks in fixed income securities and apply structural models for risk estimation.
 CO4: Understand the bond portfolio management strategies for effective risk management.
 CO5: Demonstrate how to apply derivative instruments to hedge the risks and enhance the returns of fixed income securities.

Course Content

Unit I

Introduction to Fixed Income Securities: Overview of Fixed Income Securities- Basic Features of a Bond and Modifications, Risks of Investing in Bonds, Participants in Debt Market; Instruments in Fixed Income Securities Market -Central Government Securities, T-Bills, State Government Bonds, Call Money Market, Commercial Paper; Repo Instruments-Primary Issuance Process- Auction and Bidding, Winners Curse; Fundamentals of Credit Rating, Asset Backed Securities, Securitization Process. **(10 Hours)**

Unit II

Bond Mathematics and Valuation: Valuation of Bonds; Understanding Yields and Conventional Yield Measures; Price- Yields Relationship; Flat Price, Full Price, Accrued Interest; Portfolio Yield; Total Return and its Applications. **(8 Hours)**

Unit III

Bond Price Volatility: Price Volatility Characteristics of Bonds; Measures of Bond Price Volatility- Price Value of Basis Point, Yield Value of Price Change; Duration- Properties, Modified Duration, Macaulay Duration, Portfolio Duration; Convexity. **(10 Hours)**

Unit IV

Term Structure of Interest Rates: Benchmark Spread; Term Structure of Interest Rates- Yield Curve, Yield Curve Building- Bootstrapping, Spot and Forward Rates; Theories of Term Structure of Interest Rates, Fixed Income Derivatives - FRAs, Interest Rate Swaps, Interest Rate Futures, Interest Rate Options; Bond Portfolio Management Strategies- Bond Benchmark Based Strategies, Liability Driven Strategies, Absolute Return **(14 Hours)**

Suggested Readings: (Latest Editions)

1. Dun, & Bradstreet. Fixed Income Securities. Tata McGraw Hill.
2. Fabozzi, F. J. Bond markets, analysis and strategies. Pearson Education.

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3. Fabozzi, F. J., & Mann, S. The handbook of fixed income securities. New Delhi: McGraw Hill.
4. Petitt, B.S. Fixed Income Analysis. Wiley.
5. Martellini, L., Priaulet, P., & Priaulet, S. Fixed-Income Securities: Valuation, Risk Management and Portfolio Strategies. Wiley.
6. Johnson, R.S. Debt Markets and Analysis, Bloomberg Press.

CO-PO Mapping

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3									2	3			
CO2	2	3			2	2				2	3	3	3	3
CO3	2	1	2	2	3					3	2	3	3	3
CO4	2	3	3	2	2				1	2	2	3	3	3
CO5	1	2	2		1					2	3	3	3	3



Proposed MBA (FA) GGSIPU Syllabus 2021-22 Onwards

Pravin Chandra

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)

Emerging Technologies in Finance

Course Code: MFA-213

L – 3, Credits – 3

Objectives: The course aims at providing concepts of Emerging and latest technological advances in Finance and Financial Services. It aims to equip students with latest information about innovation and modern technology used in Finance.

Course Outcomes:

- CO1: Understand the growth and trends of financial technology
- CO2: Analyze the role of different technologies used in finance industry
- CO3: Applications of various technologies in finance industry
- CO4: Understanding the blockchain technology and its potential uses

Course Content

Unit I

Introduction: Introduction of Key Technological Trends Affecting Financial Services; Evolution and Transformation of using Technology in Financial services; Digital India and its role in promoting FinTech, Role of Fintech in financial inclusion
(10 Hours)

Unit II

Technologies reshaping the financial services: Databases, Data Mart, Data warehousing Characteristics, Data warehousing architecture, OLAP
(10 Hours)

Unit III

Expert systems and Artificial Intelligence: Expert systems, Artificial Intelligence and Machine Learning in Finance, Data mining techniques and its applications in finance
(10 Hours)

Unit IV

Blockchain technology and Cyber Security: Understanding of Block Chain Technology, its potential and applications, Overview of crypto currency, Risks and challenges in financial data security, Cyber Security, Threats, Methods of data protection in cyber space
(12 Hours)

Suggested Readings: (Latest Editions)

1. Rubini, A. Fintech in a Flash: Financial Technology Made Easy. Zaccheus.
2. Hill, J. Fintech and the Remaking of Financial Institutions. Elsevier.
3. Chishti, S. & Barberis, J. The FINTECH Book. Wiley.
4. Phadke, S. FinTech Future. Sage Publications.
5. Anahory, S., & Dennis. Data Warehousing in the Real World. Pearson.
6. Adriaans, P., & Zantinge, D. Data Mining. Pearson.

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	1	3	2	3	2	1	3	1	1	1	2
CO2	1	1	2	2	3	2	1	1	1	1	1	3	2
CO3	2	2	1	1	1	2	1	1	1	1	2	3	2
CO4	2	2	1	1	1	2	1	1	1	1	2	2	2

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GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)

Direct and Indirect Taxes

Course Code: MFA-215

L – 3, Credits – 3

Objectives: The course aims to provide the students with the basic knowledge of direct and indirect tax system. The course will discuss the various provisions under the Income Tax Act for efficient tax planning.

Course Outcomes:

- CO1: Explain different types of incomes and expenses and their legitimate deductibility
 CO2: Describe the application of provisions in the Income Tax laws
 CO3: Evaluate and review the impact of direct and indirect tax laws for financial and managerial decisions
 CO4: Apply knowledge in actual practice such as filing of ITR and tax planning.

Course Content

Unit I

Introduction to Income Tax Act, 1961: Basis of charge, Residential status of an assessed. Income exempt from tax heads of Income, Deduction from total income. Income Tax on Fringe benefits.
(12 Hours)

Unit II

Advance payment of Income Tax: Procedure for Assessment, Appeals and Revision, Penalties, Offences and Prosecution, Income Tax authorities, Filing of ITR.
(10 Hours)

Unit III

Indirect Tax GST: Need for GST concept of One Nation- One Tax, Dual GST Model: CGST & SGST. UTGST; GST Council, its functionary and role; Registration under GST.
(10 Hours)

Unit IV

Input Tax Credit: Its eligibility; time and place of supply. Valuation in respect of supply; Tax Invoice, credit and debit notes, account and other records compilation of tax liability; Interest on delayed payment, returns and audit.
(10 Hours)

Suggested Readings: (Latest Editions)

1. Ahuja, G., & Gupta, R. Simplified Approach to Corporate Tax Planning and Management. Commercial Law Publishers.
2. Ahuja, G., & Gupta, R. Systematic Approach to Income Tax, Service Tax and VAT. Bharat Law House.
3. Singhania, V., & Singhania, M. Corporate Tax Planning and Business Tax Procedures. Taxmann.
4. Singhania, V., & Singhania, M. Student's Guide to Income Tax Including GST. Taxmann.
5. Daruwala, B.F. Handbook to Direct Taxes. Bharat Law House.
6. Chhawchharia, R. Direct Tax Laws and International Taxation, Taxmann.

CO-PO Mapping

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	1			1		2			1	2	1	2	2
CO2	2	2		2	2		1			2	2	2	3	2
CO3	2	3	2	2	3		2			2	3	3	3	3
CO4	3	3	3	3	3	2	2	2	2	3	3	3	3	3

Proposed MBA (FA) GGSIPU Syllabus 2021-22 Onwards

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**GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)**

Central Banking

Course Code: MFA-217

L – 3, Credits – 3

Objectives: The students will be in a position to understand central banking as an institution which manages supply of currency control over interest rates monetary policy of the country and also supervisory function for commercial banking system.

Course Outcomes:

- CO1: Understand the structure, operations, tools, and policies of central banks
 CO2: Conceptual clarity about the management of money in global economy
 CO3: Decode the impact of central banking policies on macroeconomic stability measured through indicators, such as inflation, growth, employment, etc.
 CO4: Competence to formulate policy regarding interest rate determination and other monetary decisions to attain economic goals.

Course Content

Unit I

Rationale and Functions of Central Bank: Evolution and Functions of Central Banking: Evolutions of Theory and Practice of Central Banking, Development of Central Banks in Developed and Developing countries. Functions of a Central Bank: Banker to Government, Banker to Banks, Monetary policy Functions, Currency Issue and Management, Payment system function, Maintaining Internal and External values of currency, Regulation, Facilitation and supervision of Financial System, Promotional Functions to support growth and other National objectives, Development of Financial Markets, Institutions and communication policies. Contemporary Issues: Desirability, Autonomy and independence, Credibility, accountability and transparency of a Central Bank, conflict with fiscal policies.
(12 Hours)

Unit II

Central banking in India: Reserve Bank of India: Organizational evolution, Constitution and Governance, Major organizational and Functional Developments over time, Recent Developments, RBI Act, Banking Regulation Act, Banking Ombudsman Scheme, Financial Sector reforms, other financial regulators and division of functions.
(10 Hours)

Unit III

Monetary Policy and Credit Policy: Monetary Policy: Objectives, Reconciling dual objectives, The Taylor Rule, Indicators of Policy, instruments of policy (Bank Rate, OMO, Repo rate, Reverse Repo Rate, CRR, SLR etc.), policy Transmission mechanism and channels, transparency of policies, Lags in policy. Credit Policy: Objectives, Theory and Practice, Instruments. Striking balance between inflation and growth through monetary and fiscal policies.
(10 Hours)

Unit IV

Supervision and Financial Stability: Indian Financial System: Constituents of Indian Financial Markets and their Regulation. Evolution of Bank Regulation and supervision. Financial Stability: Financial Development Vs Financial stability, Risks to Financial stability, Early warning signals and remedial action, Liquidity Management, Regulation and supervision of Banks, Risk Management in Banks, The Basel Norms, Prudential Norms, Effect of liberalization and Globalization on Financial Stability, Linkage to International Financial Stability, International standards and codes. Role of Supervisor under Basel Norms.
(10 Hours)

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Suggested Readings: (Latest Editions)

1. Blinder, A. S. Central Banking in Theory and Practice. The MIT Press.
2. Rajan, R. I do what I do. Central Banking. Harper Business.
3. Moenjk, T. Central Baking: theory and Practice in Sustaining Monetary and Financial Stability. Wiley.
4. Warriar, M. India's Decade of Reforms; Reserve Bank of India at Central Stage. Notion Press.
5. Indian Institute of Banking and Finance (IIBF), Central Banking. Macmillan Publishers.
6. Mohan, R., Growth with Financial Stability. Oxford India.

CO-PO Mapping

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3			3					3	3		2	
CO2	3	3		2						3	3		2	
CO3	3	3		2	3					3	3		2	
CO4	3	3			2					3	3		3	
CO5														

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)

Commercial Banking

Course Code: MFA-219

L – 3, Credits – 3

Objectives: The fundamental aim of this course is to familiarise students with the importance and functioning of commercial banks globally and in India.

Course Outcomes:

CO1: Describe the functions of commercial banks along with the history and evolution of commercial in India and abroad.

CO2: Explain how commercial banks operate in India and the impact of technology on commercial banking. Describe the importance of financial planning and wealth management.

CO3: Identify leading trends affecting the banking sector

CO4: Describe the importance of risk management in commercial banks, including how they manage the various sources of funds

CO5: Describe how banking and other financially related legislations and regulations have impacted the operation of today's commercial banks

Course Content

Unit I

Banking system in India: Origin, Growth and Development of Banking, History of Banking in India, Structure of Indian Banking, Types of Banks and Banking Systems, Commercial Banking: Meaning & Products, Customer Relation, KYC, Rural Banking, Universal Banking, Micro Financing, Financial Planning and Wealth Management, Investment Portfolio, Liquidity Positions/Reserves **(12 Hours)**

Unit II

Emerging trends in Banking: Financial Sector Reforms, Technological Impact on Banking, Banking of the Future, Digitization, Mobile banking, UPI, Blockchain, Cloud banking. **(10 Hours)**

Unit III

Risk Management in Banking: Managing and Hedging Risks in Banking. Management of Sources of Funds including Deposits, Borrowed Funds, Fee Income, and Capital. Lending Policies and Procedures. Challenges in the Banking Industry. **(10 Hours)**

Unit IV

Policy and Regulation in Banking: Basel Accords, Role of RBI in Commercial Banking, RBI Act, Branch Licensing Policy, Monetary Policy Objectives, Anti Money Laundering, Money Supply and Control of inflation, Interest Rate Policy and its Implications. **(10 Hours)**

Suggested Readings: (Latest Editions)

1. Gup, & Kolari. Commercial Banking: The Management of Risk. Wiley.
2. Kunjukunju, B. Commercial Banks in India: Growth, Challenges & Strategies. New Century Publications.
3. Machiraju, H. Modern Commercial Banking. New Age Publishers.
4. Parameswaran, R. Indian Banking. S.Chand.
5. Chawla, O.P., Evolution of Banking System in India since 1900. Sage Publications.
6. Rao, K.S., Changing Dimensions of Banking in India. Notion Press.

Proposed MBA (FA) GGSIPU Syllabus 2021-22 Onwards

Bramin Chandra

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CO-PO Mapping

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3	PSO4	PSO5
3		2	1					1	2	3		1	
CO1	3		2					1	2	3		1	
CO2	3	1	2	2		1	1	1	2	3	1	2	3
CO3	3	2	2	2		3	2	2	2		2	2	3
CO4	2	3	3	3	3	2	3	3	3	3	2	1	3
CO5	3		2	3		1	1	2	2	3		2	2

Proposed MBA (FA) GGSIPU Syllabus 2021-22 Onwards

Dr. Chandra

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)

Financial Journalism

Course Code: MFA-221

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 Outcomes:

- CO1: To understand basic concepts of financial reports, journalism and mass media.
 CO2: To develop analytical skills to understand role of macro-economic, environmental, and industry in corporate and financial market changes.
 CO3: To become independent reporter and develop entrepreneurial skill set.
 CO4: The course will familiarize students with nuances of financial journalism and legal aspects related to it.

Course Content

Unit I

Introduction to Financial Journalism: Introduction to business and economic journalism, principles of good business writing, writing news blogs, differences in technique for reporting news for text, TV, radio and social media; digging facts and getting the story.
 (11 Hours)

Unit II

Reporting Economics and Markets: Basics of macroeconomics and financial markets, recent Developments in stock markets, reporting banking news, reporting financial markets news, business stories within the Government, International Business Reporting.
 (11 Hours)

Unit III

Reporting Business and Personal Finance: Evaluating a company's financial performance and its reporting, basic company news story, mergers and acquisitions, understanding personal finance matters and reporting in media.
 (10 Hours)

Unit IV

Reporting Legal and Ethical Issues: Legal and Ethical Environment - Legal and Ethical Issues in Business, Journalism and Corporate Communication, media ethics and new technologies, impact of mass media and political transparency.
 (10 Hours)

Suggested Readings: (Latest Editions)

1. Aggarwal, S. K., Stock Market and Financial Journalism. Shipra Publications.
2. Hayes, K. Business Journalism: How to report on Business and Economics, Apress Publications.
3. Kinsey, M., Financial Journalism: Money Matters. Routledge Publishers.
4. Roush, C., Show me the Money: Writing Business and Economic Stories for Mass Communication. Routledge Communication Series.
5. Cox, A., News Media and the Financial Crisis: How Elite Journalism Undermined the Case for a Paradigm Shift. Routledge.
6. Kirsch, D. Financial and Economic Journalism: Analysis, Interpretation and Reporting. New York University Press.

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CO-PO Mapping

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3				3		1		1	2	1	1	1	
CO2	3	3	3				2	2		3	3	3	1	2
CO3			3				2	3		3	3	2	3	
CO4		3	2	3	3	3			3	3		3	1	1

Pravin Chandra

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)

Entrepreneurial Development and Start-Up Finance

Course Code: MFA-223

L – 3, Credits – 3

Objectives: The goal of the course is to help students develop an entrepreneurial mindset and embark on the journey of self-employment. The course will expose the students to the many facets of the entrepreneurial stages including opportunities and challenges for new ventures, business models, marketing strategies, venture finance and human resource management.

Course Outcomes:

- CO1: Develop awareness about entrepreneurship- basic features, terms and concepts.
 CO2: Develop an entrepreneurial mind-set by learning key skills such as design, personal selling, and communication. develop skills for converting a business idea to business plan.
 CO3: Understand the various sources of entrepreneur finance and the assistance and role offered by the development agencies for entrepreneurs, valuation of start- ups and specific performance measurement tools.
 CO4: Understand the legal and marketing issues and challenges for entrepreneurs and strategies for future growth.

Course Content

Unit I

Introduction to Entrepreneurship: Decision to Become an Entrepreneur- Meaning of Entrepreneurship, Types of Entrepreneurs, Factors Influencing Entrepreneurship-Psychological factors, Social Factors, Economic Factors, Environmental Factors. Exploring Business Opportunity- Idea Generation, Idea Evaluation, Feasibility Analysis, Writing a Business Plan, Developing an Effective Business Model.

(12 Hours)

Unit II

Idea to an Entrepreneurial Firm: Growth Opportunities- Growth Mind-Set and Vision Development, Reiterating Business Models, Preparing and Streamlining Ethical and Legal Foundation, Assessing a New Venture's Financial Strength and Viability, Building a New-Venture Team, Getting Financing or Funding.

(10 Hours)

Unit III

Developing Organizational Capabilities: Unique Marketing Issues, The Importance of Intellectual Property, Preparing for and Evaluating the Challenges of Growth, Strategies for Firm Growth, Franchising.

(10 Hours)

Unit IV

Global aspects of entrepreneurship and Crowdfunding: Global aspects of entrepreneurship- Strategies for going global, barriers to International Trade, International trade agreements Crowdfunding- Crowdfunding with Pledges, Crowdfunding Campaigns, Alternative crowdfund, Crowdfunding vs Crowdsourcing.

(10 Hours)

Suggested Readings: (Latest Editions)

1. Barringer, B. R., & Ireland, R. D. Entrepreneurship: Successfully Launching New Ventures. Pearson.
2. Dollinger, M. Entrepreneurship: Strategies and Resources, Pearson.
3. Rogers, S., & Makonnen, R. Entrepreneurial Finance: Finance and Business strategies for the serious Entrepreneur. McGraw-Hill Education.
4. Zimmerer, N.M. Essentials of Entrepreneurship and Small Business Management., Prentice Hall.

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5. Newman, A., North-Samardzic, A. Bedarkar, M., Brahmarkar, Y. Entrepreneurship in India, Routledge.
6. Hisrich, R.D., Peters, M.P., Shephard, D.A., & Sinha, S., Entrepreneurship, Mc Graw Hill.

CO-PO Mapping

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	2						2	2	2	1	1		
CO2	1					1		2		2	2	3	2	2
CO3	2	3	3	3	2	2	2	3		3	3			
CO4	2	2				2	2	2	2	2	3			



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GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)

Financial Service Marketing

Course Code: MFA-225

L – 3, Credits – 3

Objectives: The goal of the course is to build knowledge of marketing strategies in the context of the financial services sector. The students will be exposed to different challenges, opportunities and initiatives in the marketing of financial services. The course builds knowledge on the areas of financial services marketing environment, design and development, key elements of the financial services marketing mix, understanding decision-making and managing customer relationships.

Course Outcomes:

- CO1: Describe the nature and scope of financial services marketing and analyze and evaluate customer expectations and perception of the service.
 CO2: Understand the models to measure service quality and apply them to real-life cases to examine customer satisfaction.
 CO3: Identify the process and issues related to financial service design and development and pricing thereof.
 CO4: Understand the concept of customer relationship management and apply in real business scenarios to build and manage customer relationship in financial services.
 CO5: Identify and evaluate the new emerging areas and trends in the marketing of financial services.

Course Content

Unit I

Introduction to financial services marketing: Introduction to Financial Services Sector and Financial Services Marketing Environment, Classification of Services, Consumer Behavior and Attitudes- Types of Market Segmentation; Customer Expectations and Perceptions; Defining and Measuring Service Quality (Servequal and Servepref); GAPs Model; Defining and Measuring Customer Satisfaction.

Unit II

(12 Hours)

Financial Services Design and Product Development: Product Development- Special Features of Product Development- Product Development Strategies- the Implications of New Technology for Financial Services and Products, Pricing Systems- Methods of Pricing- Price Policies.

(10 Hours)

Unit III

Marketing Strategies of Financial Institutions- Corporate Planning- Formulating a Marketing Strategies for Banks and Financial Institutions, Implementing Marketing Strategy. Marketing Strategy of New Products, Managing the Integrated Services Communication Mix.

(10 Hours)

Unit IV

Customer Relationship Management- Concept and principles, Relationship marketing in Financial Services, Services Marketing in Banking and Insurance; Emerging trends in financial services retailing.

(10 Hours)

Suggested Readings: (Latest Editions)

1. Hooman, E., Marketing Financial Services. Dog Ear Publishing.
2. Ehrlich, E. & Fanelli, D., The Financial Services Marketing Handbook: Tactics and Techniques That Produce Results. Bloomberg Press.
3. Wright, M., Watkins, T., & Ennew, C., Marketing Financial Services, Routledge.
4. Bapat, D., Marketing of Financial Services, Wiley.

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5. Harrison, T., Financial Services Marketing, Prentice Hall.
6. Singh, D., & Thakur, K.S., Marketing of Financial Services, RBSA Publishers.

CO-PO Mapping

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	2		2		2	1							
CO2	1	3	3	2	2			2			2	1	2	
CO3			2	2			2			1	2			3
CO4		2	3	2	2				1		2	2	2	1
CO5	2					2			1			2		



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GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)

Finance Lab-I (NUES)

Course Code: MFA-227

P-4, Credit -2

Objective: Students will be in a position to learn applications of computer-based tools particularly MS-Excel for day-to-day decision making.

Basic MS Excel Features like paste special, offset, charts, pivot tables, concatenate, conditional formatting, transpose and lookup formulas. Calculation and interpretation of basic financial decisions on MS Excel like annuities, inventory control/valuation, taxation, risk-return tradeoff, ratio analysis, variance analysis. Report writing.

Course Outcomes:

CO1: Ability to comprehend the excel techniques for financial management

CO2: Analytical skills on MS-Excel and other software for building books of account

CO-PO Mapping

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3	PSO4	PSO5
CO1					3	2		2			2	3	2	1
CO2		2			2	2						2	2	2

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SEMESTER IV

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GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)

Project Dissertation

Course Code: MFA-202

Credits – 6

Course Outcomes:

- CO1: Identify and articulate a clear research question or research problem.
 CO2: Perform a thorough literature review & formulate a hypothesis.
 CO3: Distinguish between different research methodologies and know when to use them.
 CO4: Collect pertinent data, analyse it and communicate clearly and effectively the findings and conclusions.
 CO5: Give recommendations based on research findings in the interest of benefitting industry and society.

Every student shall undertake a project under the supervision of an internal supervisor. The dissertation along with a soft copy will be submitted by the students in their respective institutions in the fourth semester. The filled questionnaires, if applicable, be also submitted in the respective Institutions along with the report. The suggested format of the report is given below:

- Executive Summary
- Introduction- Problem Purpose Statement
- Objectives of the Research Undertaken
- Literature Review
- Hypothesis, if any
- Research Methodology
- Data Analysis
- Findings and Conclusions
- Recommendations
- References/ 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 internal project guide. The total marks will be 100 out of which 60 marks will be given by the external examiner and 40 marks to be given by the internal Project Guide. 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 a Viva-Voce and the report by an examiner to be appointed by the University.

CO-PO Mapping

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	2	3	2	2	3	3	2	3	3	2	1
CO2	3	3	2	1	2	2	2	3	3	2	3	2	1	1
CO3	3	3	3	3	3	2	2	3	3	3	3	3	2	2
CO4	3	3	3	3	3	3	3	3	3	3	2	3	2	2
CO5	3	3	3	3	3	2	3	3	3	3	2	3	3	3

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)

Corporate Social Responsibility, Human Values and Ethics

Course Code: MFA-204

L – 3, Credits – 3

Objectives: The course is aimed at building a perspective necessary for the application of human values and norms in evaluating business decisions taken by a firm. The course will primarily look at recent developments in business in the context of corporate social responsibility paradigm.

Course Outcomes:

- CO1: Learn the significance of value system and ethical conduct in business
 CO2: Examine the association between corporate strategy, Corporate Social Responsibility (CSR) and its influence on stakeholder engagement
 CO3: Compare and contrast the multiple international frameworks of CSR and Sustainability.
 CO4: Understand the issues that organizational leaders face as they develop their CSR and corporate governance programs
 CO5: Analyze the impact of CSR implementation on corporate culture, in the realm of sustainable development, innovation, and solutions to business, social and environmental problems.

Course Content

Unit I

Values: Concepts, Types and Formation of Values, Business Ethics: Ethical theories; Ethical Decision Making; Corporate Social responsibility (CSR): A Historical Perspective and emerging theories of CSR; CSR and regulatory issues: Companies Law 2013, Business Responsibility Report (SEBI), NVG Guidelines (Ministry of Corporate Affairs)
(10 Hours)

Unit II

Ethical Dilemma, Implications of failed corporate responsibilities: Worker rights and health, Human rights, Stockholders Right and Corporate Governance; Unethical Issues in Sales, Marketing, Advertising and Supply Chain; Intellectual Property Rights, Corruption in Business and Administration, Technology and Privacy in the workplace: Big Data and analytics, Ethical and Regulatory Framework.
(10 Hours)

Unit III

International Frameworks of CSR and Sustainability: Global Compact, Caux Round Table, OECD Guidelines for Multinational Enterprises, GRI, SA8000 Standard, BS/ISO Guideline on CSR Management (ISO-26000), Social Audit, ILO tri-partite declaration of principles on multinational enterprises and social policy.
(10 hours)

Unit IV

Sustainable Development: Challenges of Sustainable Development, CSR as a Strategic Business tool for Sustainable development; Kyoto Protocol and Clean Development Mechanism (CDM), Managing environmental Quality, Green IT initiatives, Voluntarism Judicial activism, Environmental, Social, and Governance (ESG) analysis and other emerging trends in Corporate Social Responsibility **(12 Hours)**

Suggested Readings: (Latest Editions)

1. Lawrence, A. T., and Weber, J., Business and society: Stakeholders, Ethics, Public Policy. McGraw-Hill Education.
2. Blowfield, M., & Murray, A., Corporate Responsibility. Oxford University Press.
3. Vertigans, S., & Idowu, S. O., Global Challenges to CSR and Sustainable Development. Springer International Publishing.

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4. Mitra, N., & Schmidpeter, R., Corporate Social Responsibility in Rising Economies. Springer International Publishing.
5. Hartman, L. P. and DesJardins J. & MacDonald C., Business Ethics: Decision-Making For Personal Integrity And Social Responsibility, Mc Graw Hill Education.
6. Manuel G.Velasquez, Business Ethics Concepts and Cases, Pearson Education.

CO-PO Mapping

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3			2			3		1	2			1	
CO2		3					2	2	1	3				
CO3			2	2			2		3		3			
CO4				3	2		2	1	1				2	
CO5		2			2	1	2		2			1		3



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GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)

Finance Lab-II (NUES)

Course Code: MFA-206

P-4, Credits-2

Objectives: The finance lab is based for imparting hands-on approach to the students on modeling techniques for financial management, investment analysis, portfolio management, risk management, project planning, valuation and corporate restructuring. The course aims at enabling the students to learn the analytical skills on MS-Excel and other software for building powerful models in finance.

Advanced MS Excel Features like DB function, data visualization, complex function, index match, XNPV/ XIRR, PMT/IPMT and mathematical functions. Calculation and interpretation of advanced financial decisions on MS Excel like capital budgeting (with risk analysis), financial analytics, valuation of equity (DDM, CAPM, arbitrage pricing model etc.), portfolio creation and evaluation, option pricing and risk management through derivatives. Preparing and presenting dashboard reports.

Course Outcomes:

CO1: Ability to comprehend the modeling techniques for financial management, investment analysis, portfolio management, risk management, project planning, valuation and corporate restructuring
 CO2: Analytical skills on MS-Excel and other software for building powerful models in finance
 CO3: Assist managerial decision making by helping transform data to information that can be used at strategic and operational levels.

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3	PSO4	PSO5
CO1					3	2		2			2	3	2	1
CO2		2			2	2						2	2	2



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GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)

Technical Analysis

Course Code: MFA-208

L – 3, Credits – 3

Objectives: This course aims to provide knowledge on the tools and techniques of technical analysis to be used for active trading. This course will sensitize the students towards the underlying power and flow of mass psychology in the financial market

Course Outcomes:

- CO1: Examine and identify the rationale of technical analysis in the financial market.
 CO2: Understand the frameworks and underpinnings in technical analysis and demonstrate the use of techniques, and tools.
 CO3: Identify, interpret and analyze the varied financial technical patterns and indicators presented on the real-life stock charts.
 CO4: Develop the understanding of the market behavior and psychology of a normal Investor/Trader

Course Content

Unit I

Fundamental Concepts: Meaning, Basic Assumptions, Rationale of Technical Analysis, Strengths and Weakness of Technical Analysis, Difference between Fundamental and Technical Analysis, Dow Theory – Assumptions, Study of past Prices and Volumes, Charts types – Bar Charts, Point and Figure Charts, Candle Stick Charts, Concept of Support and Resistance, Trend – Meaning and Types of Trends, Key skills required to identify a trend.
(10 Hours)

Unit II

Trends and Charts: 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 (Head and Shoulder, Inverted Head and Shoulder, 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, Concept of Moving Average – SMA and EMA, Mathematical Indicators – MACD, RSI and other leading indicators used for technical analysis
(10 Hours)

Unit III

Wave patterns in Technical Analysis: Fundamental Concepts, Fire wave patterns – Wave 1, dominant trend, Three wave pattern (corrective trend) – Wave A to C., Pattern 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 of Elliot Wave Theory
(10 hours)

Unit IV

Risk Management through Technical Analysis: Need, Techniques used for Risk Management, Day Trading, Advantages of Day Trading, Risk of Day Trading, The psychology of technical analysis – crowd behavior, bull bear cycle, the psychology of fear and success. Strategies for Day Trading End of the Day Trading, Intraday Trading, Momentum Trading, Speculation etc. Trading Strategies for Equity, Commodities, Currency Futures and Derivatives. Importance of discipline in Trading, Qualities and Skills required for being successful as a trader, some of the world's successful traders and techniques adopted by them.
(12 Hours)

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Suggested Readings: (Latest Editions)

1. Poser, Steven W., Applying Elliott Wave Theory Profitably, John Wiley & Sons, Ltd.
2. Murphy, John J., Technical Analysis of the Financial Markets, New York Institute of Finance.
3. Kahn, M.N., Technical Analysis, Pearson Education.
4. Achelis, S.B. Technical Analysis from A to Z, Mc Graw Hill Education.
5. Schwager, J.D. Getting Started in Technical Analysis, Wiley.
6. Trivedi, S.R., Kyal, A.H. Effective Trading in Financial Markets Using Technical Analysis, Routledge.

CO-PO Mapping

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	2		2	2	3				2	3	3	3	3
CO2	3	3	1	3	3	3			1	3	3	3	3	3
CO3	3	3	2	3	2	3				3	3	3	3	3
CO4	2	2	2	3	3		2	3	3	2	3	3	3	3

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GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)

Equity Valuation

Course Code: MFA-210

L – 3, Credits – 3

Objectives: This course aims at enabling students to acquaint the students about various equity valuation approaches. The course will enable students to understand and apply these valuation techniques for effective equity valuation in real life situation.

Course Outcomes:

- CO1: Understand and critically discuss concepts of equity valuation like valuation process, risk and return, and required rate of return on equity.
 CO2: Conduct valuations based on methods like the Discounted Cash Flow method, Gordon Growth model, H-model etc.
 CO3: Understand and apply skills in practical financial analysis and conduct a relative valuation and residual income valuation.
 CO4: Critically analyse publicly available information for valuation of equity.
 CO5: Understand the approaches in private company valuation and loose ends in valuation.

Course Content

Unit I

Equity Valuation: Meaning of Value, Valuation Applications, Valuation process, Role of analyst in valuation, Concept of return, Risk premium, Required return on equity, Discount rate selection in relation to cash flow, Measuring Cash flows, Forecasting cash flows, Equity Discounted cash flow Models: Gordon Growth Model, Two stage & Three stage dividend discount model, H model, FCFF and FCFE models.

(11 hours)

Unit II

Relative Valuation: Meaning, ubiquity of Relative Valuation, Advantage and limitations of relative valuation, standardized values and multiples such as Earnings, Revenue, Sector specific multiples, criteria for selection of multiples, Price and Enterprise Value multiples in valuation: The method of comparables, Method based on Forecasted Fundamentals. Price multiples, Enterprise value multiples, International considerations when using multiples.

(11 hours)

Unit III

Residual Income valuation: Residual Income, Use of Residual Income in Equity Valuation, The Residual Income model-Determinants, Single stage and multi stage Residual Income Valuation, Residual Income Valuation versus other approaches of valuation- its strengths, weaknesses and Guidelines in using it, accounting and International considerations.

(10 hours)

Unit IV

Private Company Valuation and Loose Ends in Valuation: Private Company Valuation Approaches. Comparable value of firms. Private Equity Valuation. Valuation of intangibles, Value of liquidity, Value of Synergy and Value of Transparency.

(10 hours)

Suggested Readings: (Latest Editions)

1. Damodaran, A., Damodaran on Valuation: Security Analysis for Investment and Corporate Finance. Wiley Publications.
2. Healy, P. M., Palepul, K.G., Business Analysis Valuation: Using Financial Statements. South-Western College Pub.

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3. Pinto, J. E., Henery, E., Robinson, T.R., Stowe, J.D., Miller, P.F., Equity Asset Valuation. Wiley Publications.
4. Valentine, J., Best Practices for Equity Research Analysts: Essentials for Buy-Side and Sell-Side Analysts. Mc Graw Hill.
5. Davidson, I., Tippet, M., Principles of Equity Valuation. Routledge.
6. English, J., Applied Equity Analysis: Stock Valuation Techniques for Wall Street Professionals. McGraw-Hill Education.

CO-PO Mapping

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	2	2	2	2				2	3		3	3	3
CO2	2	3	2	3	3	2	1		2	3	1	3	3	3
CO3	3	3	2	3	3	2	1		2	3	2	3	3	3
CO4	3	3	3	3	3	3	2	3	3	3	2	3	3	3
CO5	2	2	2	3	3	2	2	1	2	3	3	3	3	3

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GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)

Mergers, Acquisitions, and Corporate Restructuring

Course Code: MFA-212

L – 3, Credits – 3

Objectives: The fundamental aim of the course is to prepare students to take advantage of the current scenario and understand how corporate restructuring is implemented. At the end of the course, the students should be able to focus on the process of restructuring, identify issues post transaction, their implications and determine the managerial actions for decision making. The course should be complemented with the use of analytical tools.

Course Outcomes:

- CO1: Understand the process of corporate restructuring
 CO2: Ability to comprehend the value of mergers, acquisitions, and other corporate restructuring tools for the business
 CO3: Develop the skillset to evaluate the opportunity for corporate restructuring
 CO4: Ability to value the firms through various accounting and managerial methods
 CO5: Competence to appreciate and resolve the HR and other cultural issues involved in mergers, and acquisitions

Course Content

Unit I

Introduction to 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)**

Unit II

Legal Aspects of Mergers/ Amalgamation and Acquisition: Provisions of Companies Act, Regulation by SEBI, Takeover Code: Scheme of Amalgamation, Approval from Court, Valuation of a Business. **(10 Hours)**

Unit III

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)**

Unit IV

Defense against Hostile Takeover: Poison Pill, Bear Hug, Greenmail, Pacman, Managing Post Merger H.R. and Cultural Issues, Cross Border Mergers and Acquisitions, Recent Cases of Corporate Restructuring. **(10 Hours)**

Suggested Readings: (Latest Editions)

1. Depamphilis, D., Mergers, Acquisitions and Other Restructuring Activities. Elsevier Incorporation.
2. Gaughan, & Patrick, A., Mergers, Acquisitions and Corporate Restructurings. Wiley India.
3. Prasad, G. G., Mergers, Acquisitions and Corporate Restructuring. Vikas Publications.
4. Ramanujan, S., Mergers: The New Dimensions for Corporate Restructuring. Tata McGraw Hill.
5. Kar, R.B., Minakshi, Mergers Acquisitions & Corporate Restructuring - Strategies & Practices. Taxmann.

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6. Kapil, S., Kapil, K.N., Mergers and Acquisitions: Strategy, Valuation, Leveraged Buyouts and Financing. Wiley.

CO-PO Mapping

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3			3					3	3		2	
CO2	3	3		2						3	3		2	
CO3	3	3		2	3					3	3		2	
CO4	3	3			2					3	3		3	
CO5														



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GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)

Risk Management

Course Code: MFA-214

L – 3, Credits – 3

Objectives: The fundamental aim of this course is to acquaint the students in how businesses assess, control and transfer risk. At the end of the course, the students will be able to understand Risk Management Principles and Conceptual Framework of Risk with a financial perspective

Course Outcomes:

- CO1: Understand Risk Management Principles and Conceptual Framework of Risk with a financial perspective
 CO2: Demonstrate knowledge of the range of financial risks faced by organisations, and understanding the process of identifying and categorising these risks
 CO3: Explain the various risk control measures and design risk management program for organisations
 CO4: Understand the approach to risk management through insurance
 CO5: Understand Risk & Forecasting issues in Asset Prices and effectively carry out risk reporting and risk budgeting exercises

Course Content

Unit I

Financial Risk: Introduction and Evolution, Types of Risks (Market, Credit, Liquidity, Operational), Identification of different forms of Risk (Currency, Interest Rate, Equity, Commodity), Significance of Risk Management, Risk Management Tools, Risk Control & Risk Financing, Introduction to Fraud Analysis, Types of Frauds, Fraud Triangle, Fraud Detection vs Audit. (10 Hours)

Unit II

Insurance as a Risk Management tool: Structure of Insurance Market, Risk Aversion and Demand for Insurance (By Individuals and Corporations), Insurability of Risk, Risk Retention and Reduction Decisions. Types of Insurance, Costs and Benefits of Insurance, Risk Pooling, Insurable Risks vs. Hedging, Underwriting, Pricing in Insurance, Actuarial Services: Concept and Applications in Finance. (10 Hours)

Unit III

Probability distributions and Value at Risk: Probability and Distribution of Asset Prices, Implied Volatility, Extreme Value Theory – Basic Principles, Value at Risk: Concept, Computations and Applications. (10 Hours)

Unit IV

Risk Forecasting: Financial Risk Forecasting, Risk & Forecasting issues in Asset Prices, Modeling Risk Factors, Interest Rates and Currency Risk Analysis in Global Investing, Currency Risk Analysis, Risk Analysis in Forex Markets, Risk Management in Fixed Income Securities. Legal Aspects of Risk Management and Insurance, Integrated Risk Management Framework, Risk Reporting, Risk Budgeting, Setting Risk Limits. Case Discussions. (12 Hours)

Suggested Readings: (Latest Editions)

1. Apostolik, R., & Donohue, C., Foundations of Financial Risk. Wiley.
2. Hull, J.C., Risk Management and Financial Institutions. Wiley Finance Series.
3. Shields, G. Risk Management. Bravex Publications.
4. Arora, R.K., Financial Risk Management. Wiley.

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CO1	3	2	3	2	3	2	2	2	2	2	2	3	3	3	2	3	CO5
CO2	3	2	3	3	3	1	2	2	2	3	3	3	3	2	3	3	CO4
CO3	3	2	3	3	3	2	2	2	3	3	3	3	3	2	2	3	CO3
CO4	3	2	3	3	3	1	2	2	3	3	3	3	3	2	3	3	CO2
CO5	3	2	3	3	3	2	2	2	3	3	3	3	3	2	3	3	CO1
PO1	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	PO5
PO2	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	PO4
PO3	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	PO3
PO4	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	PO2
PO5	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	PO1
PO6	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	PO6
PO7	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	PO7
PO8	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	PO8
PO9	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	PO9
PSO1	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	PSO1
PSO2	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	PSO2
PSO3	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	PSO3
PSO4	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	PSO4
PSO5	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	PSO5

CO-PO Mapping

- Indian Institute of Banking and Finance (IIBF), Risk Management. Macmillan Publishers.
- Jorion, P., Financial Risk Manager Handbook. Wiley.

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)

Financial Modelling

Course Code: MFA-216

L – 3, Credits – 3

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

Course Outcomes:

- CO1: Theoretical understanding of financial modelling, valuation and strategy analysis
 CO2: Understanding and analyzing financial statements
 CO3: Working knowledge of the techniques, elements and approaches of forecasting
 CO4: Ability to develop and interpret financial statements in Excel and use it for solving their business problems

Course Content

Unit I

Excel as a tool in Financial Modelling: 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)

Unit II

Financial Modelling Basic Concepts: Introduction, Advanced functions of MS-Excel as a tool in financial modelling; 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)

Unit III

Cash Ratios and Non-Cash Valuations: Cash Ratio - Structured model with a menu & accounting statement, 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 of EV/ EBITDA, EV/Sales, Peer groups.

(10 Hours)

Unit IV

Forecasting Methods and Initial Valuations: Review of forecasting methods, relationship between company and financial strategy, identifying and forecasting key drivers, linkages and modelling 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)

Suggested Readings: (Latest Editions)

1. Day, Alastair; Mastering Financial Modelling in Microsoft Excel: A practitioner's guide to applied corporate finance, Pearson Education.
2. Jonathan Swan; Practical Financial Modelling a guide to current practice, CIMA publishing Publication
3. Rees, M., Principles of Financial Modelling: Model Design and Best Practices Using Excel and VBA. Wiley.

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4. Rees, M., Financial Modelling in Practice: A Concise Guide for Intermediate and Advanced Level. Wiley.
5. Kapil, S., Financial Valuation and Modelling. Wiley.
6. Fairhurst, D.S., Using Excel for Business and Financial Modelling: A Practical Guide. Wiley.

CO-PO Mapping

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3			3					3	3		2	
CO2	3	3		2						3	3		2	
CO3	3	3		2	3					3	3		2	
CO4	3	3			2					3	3		3	

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GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)

FinTech

Course Code: MFA-218

L – 3, Credits – 3

Objectives: The course aims at providing basic concept of FinTech industry, its players, products and services to equip students with latest developments in financial sector along with the relevant regulatory framework.

Course Outcomes:

CO1: The learners will be able to have conceptual understanding of the changing financial sector and challenges of IT-driven business environment.

CO2: They will develop the skills for analyzing the risks associated with complex fintech businesses for strategic financial decision-making.

CO3: They will be able to demonstrate critical thinking abilities based on innovative practices, changing regulatory framework of FinTech and its implications for business, consumers and society.

CO4: The course will equip students with the know-how of starting a FinTech start-up venture.

Course Content

Unit I

Background: Financial System, Money and Economy, History of Financial Innovation, Digitization of Financial Services, Evolution of FinTech, Players, FinTech and Funds, Infrastructure, Banking and Financial Institutions, FinTech Typology, Consumer tech-innovations, Issues and Challenges, Global FinTech Scenario.
(12 Hours)

Unit II

FinTech Innovations and products: FinTech Innovations, Payments, Clearing and Settlement, payment technology, Deposits, Lending and capital raising, Digital finance, Alternate financing, Digital lending, Market provisioning, Investment management, Data Analytics and Risk Management, NFT, Cryptocurrency and its types, Central banking digital currency, InsurTech, TechFin.
(10 Hours)

Unit III

Regulation and Supervision: RegTech, Evolution of RegTech; RegTech Ecosystem, Regulatory Sandboxes; SupTech, FinTech Supervision; Indian Regulatory bodies, regulatory initiatives; Global regulations and Indian scenario
(10 Hours)

Unit IV

Future technologies: Understanding Blockchain, process of decentralization; Artificial intelligence and Finance; Financial analytics; Frauds and cyber-security, Managing Fintech Start-ups; Recent developments of Fintech in India; FinTech Case Studies.
(10 Hours)

Suggested Readings: (Latest Editions)

1. Phadke, S., FinTech Future, Sage Publications.
2. Hanlon, S., et al, FinTech for Dummies, Wiley Publications.
3. Swaminathan K., "Future Fintech Framework: A Vision to Simplify Understanding, Foster Innovation & Accelerate Growth in Fintech", Notion Press Publications.
4. Matthias F., FinTech Business Models, De Gruyter Publications.
5. Bernardo N., The Future of FinTech: Integrating Finance and Technology in Financial Services, Palgrave Macmillan.
6. Lynn, T., et al, Disrupting Finance: FinTech and Strategy in the 21st Century. Palgrave Macmillan.

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CO-PO Mapping

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PS	PS	PS	PSO5
CO1	3	3	2	1	3	3	3	3	1	3	2	3	3	3
CO2	2	3	2	2	3	3	3	3	3	3	3	3	2	3
CO3	3	3	2	1	3	3	3	3	1	3	3	3	1	1
CO4	2	3	3	2	3	3	3	1	1	3	3	2	2	2

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GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)

Financial Derivatives

Course Code: MFA-220

L – 3, Credits – 3

Objectives: The course aims at providing detailed understanding of the characteristics and applicability of financial derivatives along with the relevant regulatory framework.

Course Outcomes:

CO1: To develop an understanding amongst students of financial derivatives about theories, principles of derivatives pricing and models.

CO2: To understand the regulatory framework and interplay of other macro-economic and social factors that impact derivatives market.

CO3: To develop skills required for taking corporate finance-related decisions to maximize the firm value through inter-company derivatives investments

CO4: To equip the students to conceive and evaluate entrepreneurial ideas in the field of financial derivatives trading and for taking-up consultancy assignments in the field of personal finance and wealth management.

Course Content

Unit I

Financial Derivatives: An Introduction to Financial Derivative Markets; Past and Present, Concept, Purpose and Types of Financial Derivative Instruments; Forwards, Futures, Options, Swaps, and Other Derivatives; Hedgers, Arbitrageurs and Speculators. Difference between Exchange Traded and OTC Derivatives.
(10 Hours)

Unit II

Financial Forward and Futures Contracts: Financial Forward Contracts; Concept Characteristics, and Type of Financial Forward Contracts; Equity Forward, Currency Forward; Financial Future Contracts: Concept, Characteristics, and Type of Financial Future Contracts; Stock Future, Index Future, Currency Future; Future Market-Trading and Mechanism; Future Pricing-Theories, Cost of Carry Model; Hedging strategies.
(12 Hours)

Unit III

Financial Option and Swap Contracts: Financial Options; Concept, Characteristics and Types of Financial Options; Stock Options, Index Options, Currency Options, Commodity Options, Option on Futures, Interest Rate Options. Option Pricing Models-the Black-Scholes Option Pricing Model, Binomial Option Pricing Model.
(10 Hours)

Unit IV

Trading & Regulatory Framework: Trading with Option, Option Strategies; Straddle, Strangle, Spreads. Option Greeks; Delta, Gamma, Theta, Vega, Rho; Exotic Option; Swaps; Concept, characteristics and Types of Swaps. Regulation of Financial Derivatives in India; Securities and Contracts (Regulation) Act (2013), Guidelines of SEBI and RBI.
(10 Hours)

Suggested Readings: (Latest Editions)

1. Hull, J.C. & Basu, S., Options, Future & Other Derivatives. Pearson.
2. Gupta, S.L., Financial Derivatives : Theory, Concepts And Problems. PHI.
3. Das, S., Derivatives: Principles and Practice, McGraw Hill.
4. Yargol, P.B., Financial Derivatives: Text And Cases. Vikas Publishing House.
5. Chance, D., & Brooks, R., Derivatives and Risk Management Basics. Cengage Learning.

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6. Summa, J., & Lubow, J. W. Options on Futures: New Trading Strategies. Wiley.

CO-PO Mapping

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	3			2				3	3	3	3	1	3
CO2			3		2	3	2		3	3	3	3	2	3
CO3			3				2	3		3			3	
CO4			2				3	3		3	3	2	3	



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**GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)**

Strategic Financial Management

Course Code: MFA-222

L – 3, Credits – 3

Objectives: The objective of this course is to apprise the students the concepts of financial management from the strategic perspective and to familiarize them with the various frameworks and techniques of strategic financial management.

Course Outcomes:

- CO1: Think critically to creatively in identify and evaluate the alternative solutions to business problems.
CO2: Solve complex problems to support financial evaluations and business management decisions.
CO3: Synthesize and use information and knowledge effectively to maximize the value of business.
CO4: Suggest the ways to improve a company's performance by employing corporate restructuring strategies.

Course Content

Unit I

Financial Policy and Corporate Strategy: Corporate Objective: Concept of wealth maximization and its limitations, stakeholder theory, value-maximization, sustainability and triple bottom line, challenges to global capitalism. Value metrics framework. Financial and non-financial measures, balanced scorecard. Corporate Strategy. Business Level Strategies. Business Model. Testing and Evaluating a Strategy.

(10 Hours)

Unit II

Capital Allocations and Strategic Financing Decisions: Strategy and Capital Budgeting. Investment in Capabilities. Measuring R&D productivity. Management of Capital Projects. Investments Decisions under Risk and Uncertainty. Corporate Strategy and High Technology Investments. Capital structure and its imperfections. Signaling Theory. Dividend Policy and Firm Value. Dividend Policy Formulation.

(12 Hours)

Unit III

Organizational Architecture and Risk Management: Components and factors of organizational architecture. Performance measurement. Management innovation and organizational architecture. Organizational culture. Improving organizational effectiveness. Strategic cost management. Total cost management. Achieving true cost excellence. Frugal innovations.

(10 Hours)

Unit IV

Corporate Governance, Mergers, Acquisitions, and Restructuring: Divergence of interest. Corporate governance mechanisms. Principles of good corporate governance. Corporate governance around the world. Mergers and Acquisitions v/s organic growth. Value creation in mergers and acquisitions. Benefits and cost of Merger. Business Alliances. Divestitures. Disinvestment. Corporate portfolio management. Dynamics of restructuring.

(10 Hours)

Suggested Readings: (Latest Editions)

1. Chandra, P. Strategic Financial Management: Managing for Value Creation. McGraw Hill Education Private Limited.
2. Sofat, R., & Hiro, P. Strategic Financial Management. Prentice Hall Indian Private Limited.
3. Weaver, & Weston. Strategic Financial Management: Application of Corporate Finance. Cengage Learning.

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4. Saravanan, P., et al, Strategic Financial Management. Oxford University Press.
5. Jakhota, G.P., Strategic Financial Management. Vikas Publishing House.
6. Kumar, R., Strategic Financial Management Casebook. Academic Press.

CO-PO Mapping

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3		2		2	3	1	2	3	3
CO2	3	3	3	3	3	1	3	2	3	3	2	3	3	3
CO3	3	3	3	3	3	1	2	1	3	3	2	2	3	3
CO4	3	2	3	3	3	1	2	1	3	3	2	2	3	3



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GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)

International Accounting & Reporting

Course Code: MFA-224

L – 3, Credits – 3

Objectives: This course aims to provide accounting knowledge within an international context. The students will acquire an international perspective on contemporary issues relating to accounting and finance.

Course Outcomes:

CO1: To familiarize and understand the International Financial Reporting Standards and their application to the companies.

CO2: To understand the methods recognition and measurement under IFRS (e.g., fair value measurement) and the role of judgement when applying principles-based standards.

CO3: To analyze financial reporting issues and develop critical understanding of the current issues in financial reporting, including the professional and ethical duties of an accountant.

CO4: Interpret and apply International Accounting Standards and interpretations adopted by the International Accounting Standards Board (IASB).

Course Content

Unit I

Introduction: Meaning, importance, Factors making contributions towards development of International Accounting, Concept of Comparative Accounting, Development of International Accounting, Scope of International Accounting, Importance and Difficulties of International Accounting. **(12 Hours)**

Unit II

International Financial Statement Analysis: Comparative Statement, Common-Size Statement, Trend Analysis, Ratio Analysis **(10 Hours)**

Unit III

International Taxation: International Tax Planning, Objectives of International Taxation, International Taxation Policy, Tax Treaties & Double Taxation, Tax Haven **(10 Hours)**

Unit IV

Emerging Areas in International Accounting: Accounting Principles & GAAP (Theory) Accounting Concepts and Conventions, Role of Financial Accounting Standard Board (FASB), US GAAP and Indian GAAP, International Financial Reporting Standards (IFRS) and Ind.-AS. Concept of XBRL Reporting for Global Financial Reporting, Issues in international disclosure **(10 Hours)**

Note: Each topic of study shall be complemented with the respective International Accounting Standard

Suggested Readings: (Latest Editions)

1. Choi, F., & Meek, G., International Accounting. Pearson Prentice Hall.
2. Douppnik, T. S., & Perera, H. International accounting. New York: NY:McGraw-Hill.
3. Rathore, S., International Accounting. Prentice Hall.
4. Meek, G., International Accounting, Pearson.
5. Melville, A., International Financial Reporting, Pearson.
6. Mohapatra, A.K.D., International Accounting, PHI.

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CO-PO Mapping

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3	PSO4	PSO5
CO1		3	2	2		2		2	2	3	2		
CO2	2	2	2	2		3	3	2	3	3	2	2	
CO3	2	3	3	3	3	3	3	3	2	3		3	3
CO4	2	3	3	3	2	3	3	3	3	3	3		

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GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)

Sustainable Finance

Course Code: MFA-226

L – 3, Credits – 3

Objectives: The students will be in a position to integrate environmental social and governance criteria into the business and investment decisions for lasting benefit to the society at large.

Course Outcomes:

CO1: Describe, understand and discuss the latest developments and trends in the area of sustainable finance

CO2: Understand different types of sustainable finance products and their functioning

CO3: Discuss opportunities, challenges, and enabling conditions for different stakeholders to benefit from increasing sustainable investment opportunities

CO4: Understand functioning of green bonds and green loans and identify opportunities for the public and private sectors to issue such products.

Course Content

Unit I

Sustainable Development and Finance: Sustainable development, financial aspects of sustainable development, Sustainable finance, Alternate approaches to finance, Cases in Sustainable finance, Sustainable financial decisions, their significance and contribution to economy. **(10 Hours)**

Unit II

Sustainable Investment: Concept, meaning and process of sustainable investment, Sustainable Indices, Sustainable investment strategies, Impact Investment, Socially responsible investment, Responsible investment, Environmental-Social-Governance framework, Costs and benefits of Sustainable investment **(10 Hours)**

Unit III

Trends in Sustainable Finance: Green Bonds, Carbon Credits, Social investment bonds, Sustainable real estate, Venture capital with an impact, Green buildings, Renewable energy financing, Financial aspects of forestry, natural resources, and agriculture, Risk management through sustainable methods, Net Zero, Electric transport, Sustainable data **(11 Hours)**

Unit IV

Balancing between profit and purpose: Sustainability as a business strategy, Social entrepreneurship, Microfinance, Crowdfunding, Public equities, Hedge funds, Innovation for sustainability, Workforce and sustainable finance **(11 Hours)**

Suggested Readings: (Latest Editions)

1. Chesney, M., Gheysens, J., & Taschini, L. Environmental Finance and Investments. Springer.
2. Krosinsky, C., & Purdom, S. Sustainable Investing: Revolutions in theory and practice. Routledge.
3. Schoenmaker, D., & Schramade, W. Principles of Sustainable Finance. Oxford University Press.
4. Weber, O., & Feltham, B. Sustainable Banking: Managing the Social and Environmental Impact of Financial Institutions. University of Toronto Press.
5. Gutterman, A.S., Sustainable Finance and Impact Investing. Business Expert Press.
6. Thompson, S., Green and Sustainable Finance: Principles and Practice. Kogan Page.

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CO-PO Mapping

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	2	2	1	2	3	3	3	3	2	1	2	2
CO2	3	2	3	1	2	3	3	3	3	2	1	3	2
CO3	3	2	3	3	2	3	3	3	3	3	2	3	3
CO4	2	2	3	2		3	3	3	3	3	3	3	3

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Ravi Chandra

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)

Investment Banking

Course Code: MFA-228

L – 3, Credits –3

Objectives: The prime goal of this course is to acquaint students with the required theoretical and conceptual tools applied in investment banking. The course provides the intellectual framework used in the investment banking process, financial analysis, regulatory framework and mechanizes of deal constructing.

Course Outcomes:

CO1: Develop skillsets in financial analysis and widen the knowledge about financial instruments and institutions

CO2: Assist the firm management in creating value by analyzing competitive investment proposals and financial options

CO3: Orientation about banking and financial concepts about managing investment in primary market and secondary market

CO4: Ability to establish fair value for the companies involved in the merger and acquisition activities, project finance, IPO analysis, etc.

Course Content

Unit I

Introduction: Concept and definitions, Merchant Banking, Functions of an Investment Banker, Evolution of Investment Banks in US, Europe and India, constraints of Investment Banking, characteristics and structure of Indian Investment Banking Industry, Business portfolio of contemporary Investment Banks, Service Portfolio of Indian Investment Banks, Allied Services- Asset Management, Mutual Funds, Hedge Funds, Private Equity Funds, Security Business. Regulation of Investment Banking Business in India, Dark sides of Investment Banking, Investment Banks: Future ahead.

(10 Hours)

Unit II

Public Offers: Public offers types, listing decisions, follow on public offer, regulatory framework for public offers, provisions of ICDR regulations on public offer, provisions of company Act, statutory requirements under SCRA and SCR rules, Role of merchant, Banker as issue manager, IPO/FPO fixing, preparing offer document, disclosures, process overview of IPVS, Right offers, public issue of Debt securities, statutory framework for debt issue, SEBI listing of debt regulations.

(10 Hours)

Unit III

Underwriting: Meaning, Development, Regulatory framework, US and Indian model of underwriting, bought and deals, global capital market offer, international listing centers, international bond market, equity issued through depository receipts, types of depositing receipts, issue of FCCBS, Indian scenario of ADR/GDR/FCCBS, regulatory framework for depositing receipts, role of investment bankers in cross borders issues.

(12 Hours)

Unit IV

Buybacks and Delisting: Reason and justifications for share repurchase, implications, equity repurchases in India, regulatory framework for equity repurchases, buy back by listed, unlisted and public/private companies, prices and quantum of buy back, offer strategy, tax aspects of buy back, delisting of a listed company: voluntary and compulsory delisting, pricing a compulsory delisting, relisting, buy back delisting, role of an investment banker in private placements, corporate restricting, merger and acquisitions.

(10 Hours)

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Suggested Readings: (Latest Editions)

1. A. Knee, J. The Accidental Investment Banker. Oxford University Press.
2. Giri S, P. Investment Banking: Concept, Analysis and Cases. Tata Mac Graw Hills Education Pvt. Ltd.
3. Pignataro, P. Financial Modeling & Valuation: A Practical amide to Investment Banking and Private Equity- . Wiley Finance.
4. Stowell, D. Investment Banks, Hedge Funds and Private Equity. Academic Press (Elsevier).
5. Rosenbaum, J., et al, Investment Banking: Valuation, LBOs, and M&As. Wiley.
6. Subramanyam, P., Investment Banking. McGraw Hill Education.

CO-PO Mapping

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3			3					3	3		2	
CO2	3	3		2						3	3		2	
CO3	3	3		2	3					3	3		2	
CO4	3	3			2					3	3		3	

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GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
MASTER OF BUSINESS ADMINISTRATION (FINANCIAL ANALYSIS)

Forensic Finance

Course Code: MFA-230

L – 3, Credits –3

Objectives: This will enable the student to understand the basic reasons behind earning manipulations and occurrence of financial frauds. This course will also familiarize the student with analytical concepts and skills required for deduction/ predictions of financial frauds.

Course Outcomes:

- CO1: To develop theoretical understanding of frauds and reporting manipulations done by businesses
 CO2: To learn the tools available and legal framework for identifying financial frauds.
 CO3: To develop analytical ability to predict and forecast financial frauds.
 CO4: The course is especially useful for those learners who want to get employed in forensic finance sector or start entrepreneurial ventures as forensic expert in financial markets.

Course Content

Unit I

Introduction: Introduction to Forensic Accounting, Role of Forensic Auditor/ Forensic Accountants. Fraud triangle, motivation for manipulation of financial statement: measurement of risk and reward by perpetrator of financial frauds. Legal requirement for independent investigation in case of frauds. Recording of evidence, disposition and testimony. Guidelines for professional standards and conduct relating to Forensic Engagement.
 (12 Hours)

Unit II

Planning and preparing financial forensic investigation: Defining terms of engagement, working with legal professionals. Overview of evidence identification and collection for legal matters. Techniques of investigation in case of electronically stored information. Process to examine electronically stored data.
 (10 Hours)

Unit III

Computation of economic damage and assessment of legal issues: Impact of fraud on business and society. Types of fraud schemes. Fraud risk assessment and process control. Measurement of financial stress and degree of internal controls. Common types of internal & external assets misappropriation.
 (10 Hours)

Unit IV

Fraud prediction: Modelling for Fraud prediction, use of data science, artificial intelligence, machine learning Investigating massive amount of data for detecting fraudulent transaction, classification problems Spam Detectors, Loan Default prediction, bankruptcy prediction. Prediction of misuse of Credit card & Debit card. Use of random Forests Classifier to predict fraudulent transactions.
 (10 Hours)

Suggested Readings: (Latest Editions)

1. Chew B.L., Forensic Accounting and Finance: Principles and Practice, Kogan Page.
2. Singleton, T.W. & Singleton A. J., Fraud Auditing and Forensic Accounting. Wiley.
3. Shields, G., Forensic Accounting (ebooks).
4. Joshi, A., Students' Handbook on Forensic Accounting (ebooks).
5. Kranacher, M., et al, Forensic Accounting and Fraud Examination. Wiley.
6. Crain, M.A., Essentials of Forensic Accounting. Wiley.

Proposed MBA (FA) GGSIPU Syllabus 2021-22 Onwards

Pravin Chandra

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CO-PO Mapping

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3				3		1		1	2	1	1	1	
CO2	3	3	3				2	2		3	3	3	1	2
CO3			3				2	3		3	3	2	3	
CO4		3	2	3	3	3			3	3		3	1	1

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