

**CURRICULUM AND SYLLABI FOR
BACHELOR OF FINANCIAL MARKETS (BFM)**



**MAHATMA GANDHI UNIVERSITY
PRIYADARSHINI HILLS P O
KOTTAYAM, KERALA
2020**

(Effective from 2020-2021 admissions)

Scheme and Structure of BFM Degree Programme

1. Aim of the Programme

The broad aim of the programme is to provide awareness to the learners regarding theoretical and practical knowledge of planning, organizing, monitoring, directing and controlling the capital resources of an organization or company in an efficient way and to equip them with basics of trading and its regulation, market forces, demand and supply which are an essential part of finance in any organization

2. Eligibility for Admissions

Admission to Bachelor of Financial Markets Programme shall be open only to candidates who have passed the Plus Two of the Higher Secondary Board of Kerala or Board Examinations in any State recognised as equivalent to the Plus Two of the Higher Secondary Board in Kerala, with Book Keeping and Accountancy and any two of the following subjects, (1) Commerce (2) Commercial Correspondence and Commercial Geography (3) Economics (4) Life Insurance with Salesmanship (5) Banking with Secretarial Practice (6) Business Studies (7) Mathematics (8) Computer Science (9) Computer Application (10) Informatics Practice and (11) Management as optional under Part III of the Examination.

OR

Candidates who have passed Plus Two or equivalent examination recognised by this University with other subjects under Part III optionals, provided they have secured 45% of the aggregate marks or an examination accepted by the University as equivalent thereto subject to the restrictions regarding marks as mentioned above. Relaxation in percentage of marks is allowed for SC/ST, OEC, SEBC and Physically Challenged students as prescribed by University from time to time.

3. Duration and nature of the Programme

The programme shall be spread over six semesters with each semester having duration of 90 days. The programme will be a model III degree programme.

4. Medium of Instruction and Assessment

The medium of instruction shall be English. There shall be continuous assessment of the students on an internal basis based on the provisions of the Regulations and end semester examinations conducted by University. The final assessment shall be based on both the above components in accordance with the provisions of the Regulations.

5. Faculty Under Which the Degree is Awarded

The Degree is awarded under the Faculty of Commerce

6. Note on Compliance with the UGC Minimum Standards for the Conduct and Award of Graduate Degree

The programme is offered in accordance with the UGC Minimum Standards for the conduct and award of Graduate Degrees. The student has to secure 120 credits to complete the programme successfully

7. Programme Specific Outcome

BFM degree programme offered by the University is outcome based and the outcomes expected are as follows:

PSO1	Offers theoretical and practical knowledge of managing the capital resources of an organization or company in an efficient way
PSO2	Provide analytical skill and facilitate study of financial markets, basics of trading and its regulation, market forces, demand and supply
PSO3	Understand the risks, returns as well as legal parameters of a financial market
PSO4	Develop awareness & understanding of the role and structure of the financial system and its components
PSO5	Observe and interpret financial markets to uncover potential opportunities
PSO6	Apply best practices to create, evaluate and rebalance financial portfolios to achieve investment outcomes
PSO7	Enhance the professional and communication skills of students and acquire the ability to pursue careers in the ever growing field of finance and financial markets

Semester-wise details of the programme with Course Codes

Semester I

Sl.	Corse Code	Course Name	Type	Credit	Hour	Internal	External
1	EN1CCT01	English -I	Common Course I	4	5	20	80
2	FM1CRT01	Introduction to Financial Market	Core	4	5	20	80
3	FM1CRT02	Introduction to Capital Market	Core	4	5	20	80
4	FM1CMT01	Economics for Finance	Complementary	3	5	20	80
5	FM1CRT03	Legal and Regulatory Framework of Financial Market-I	Core	4	5	20	80
		TOTAL FOR THE SEMESTER		19	25		

Semester-II

Sl.	Course Code	Course Name	Type	Credit	Hour	Internal	External
1	EN2CCT03	English - II	Common Course I	4	5	20	80
2	FM2CRT04	Financial Accounting	Core	4	5	20	80
3	FM2CRT05	Risk and Return in Investment Decisions	Core	4	5	20	80
4	FM2CMT02	Business Economics	Complementary	3	5	20	80
5	FM2CRT06	Legal and Regulatory Framework of Financial Market-II	Core	4	5	20	80
		TOTAL FOR THE SEMESTER		19	25		

Semester-III

Sl.	Course Code	Course Name	Type	Credit	Hour	Internal	External
1	FM3CRT07	Corporate Accounting –I	Core	4	5	20	80
2	FM3CRT08	Introduction to Financial Services	Core	4	5	20	80
3	FM3CRT09	Derivatives and Risk Management	Core	4	5	20	80
4	FM3CRT10	Quantitative Methods for Business Data Analysis - I	Core	4	5	20	80
5	FM3CRT11	Banking and Insurance	Core	4	5	20	80
		TOTAL FOR THE SEMESTER		20	25		

Semester –IV

Sl.	Course Code	Course Name	Type	Credit	Hour	Internal	External
1	FM4CRT12	Corporate Accounting – II	Core	4	5	20	80
2	FM4CRT13	Marketing of Financial Services	Core	4	5	20	80
3	FM4CRT14	Financial Market Research	Core	4	5	20	80
4	FM4CRT15	Quantitative Methods for Business Data Analysis-II	Core	4	5	20	80
5	FM4CRT16	Financial Management	Core	4	5	20	80
6	FM4OJP01	Industrial Training	Core	2	-	100	-
		TOTAL FOR THE SEMESTER		22	25		

Semester V

Sl.	Course Code	Course Name	Type	Credit	Hour	Internal	External
1	FM5CRT17	Portfolio Management	Core	4	5	20	80
2	FM5CRT18	Environment Management and Human Rights	Core	4	5	20	80
3	FM5CRT19	Income Tax-I	Core	4	6	20	80
4	FM5CRT20	Mutual Funds- Fundamentals	Core	4	5	20	80
5		Open Course -	Open Course	3	4	20	80
		TOTAL FOR THE SEMESTER		19	25		

Semester VI

Sl.	Course Code	Course Name	Type	Credit	Hour	Internal	External
1	FM6CRT21	Management Accounting	Core	4	5	20	80
2	FM6CRT22	Income Tax-II	Core	4	6	20	80
3	FM6CRT23	Mutual Funds- Advanced	Core	4	5	20	80
4	FM6CRT24	Financial Planning	Core	3	4	20	80
5		Choice Based Course	Core -	4	5	20	80
6	FM6PRP01	Project and Viva	Core	2	0		
		TOTAL FOR THE SEMESTER		21	25		

Summary of Credits: (Model 3 pattern)

Common Course- English - 8

Complementary Courses- 6

Core Courses- 103

Open Course – 3

Total – 120 credits

Choice Based Courses offered in 6th Semester:

- (1) FM6CBT01 - Business Ethics and Corporate Governance
- (2) FM6CBT02- Currency Derivatives and Interest Rate Derivatives

Note- The college shall select one from the two choice-based courses offered in semester six.

Open Course Offered for other streams-

FM5OPT01- Investment Management and Financial Markets

Objective of the Course: To give the students a basic understanding of the Indian financial

Course Code	FM1CRT01
Title of the Course	INTRODUCTION TO FINANCIAL MARKETS
Semester	One
Type	Core
Credits	4
Hours	5 Hours per week and total 90

market, to familiarize students with Money Market and its sub markets and the regulatory framework in the Indian Financial system.

Course Outcome No:	Expected Course Outcome	Cognitive Level
1	To provide an overview of Indian Financial Market	Understand
2	Help students to understand the role of money market in the development of the economy	Understand
3	Enable the students to understand the role of central bank in the operation of money market	Understand
4	To get a basic understanding of different Financial Institutions in the Indian Financial System and their functions	Understand
5	Familiarization about the regulatory framework in Financial Market	Understand

Unit wise arrangement of the course

Module	Sl. No. of Units	Contents of the unit	Remarks
Module 1-Introduction to Indian Financial Market-15 hours			

1	1.1	The Indian Financial Markets- Meaning and Components - Structure of Financial Markets in India - Types of Markets: Equity, Debt, Derivatives, Commodities	Theory
	1.2	Role of Participants in the Financial Markets - Regulators in the Indian Financial Market - Recent Developments in the Indian Financial System	Theory
Module 2- Classification of Financial Markets-15 hours			
2	2.1	Financial Markets- Organised, Unorganised	Theory
	2.2	Capital Market- Evolution and growth of Capital Market - Significance and Functions of capital market	Theory
	2.3	Industrial Securities Market, Government Securities market	Theory
	2.4	Capital market instruments - Recent trends in Indian Capital Market	Theory
Module 3- Money Market - 25 hours			
3	3.1	Money Market – An Overview -Definition- Importance- Functions, Organization and Structure	Theory
	3.2	Difference between Capital Market and Money Market- Sub markets of money market - Features of a developed money market	Theory
	3.3	Money Market Instruments- Classification of Money Market Instruments-Conventional Vs Modern money market instruments. Government and Quasi-Govt. Securities: Treasury Bills ,Govt. Dated Securities/Gilt Edged Securities	Theory
	3.4	Banking Sector Securities -Call and Notice Money - Term Money Market -Certificates of Deposit - Participation certificates - Banker's Acceptance	Theory
	3.5	Private Sector Securities - Commercial Papers, Bills of Exchange, Inter Corporate deposits/Investment, Money	Theory

		Market Mutual Funds, Bonds/Debentures by the corporate	
	3.6	Role of Money Market in Economy - Promotion of saving and Investment - Capital Allocation - Risk Sharing – Liquidity – Diversification - Recent developments	Theory
	3.7	Reforms in Indian Money Market - Deregulation of Interest rates-Establishment of DFI and CCIL- Liquidity Adjustment Facility (LAF)	Theory
	3.8	Securitization – Asset backed securities(ABS)- Mortgage backed securities(MBS)	Theory
Module 4- Financial Institutions-25 hours			
4	4.1	Financial Institutions: Meaning - Characteristics - Broad Categories, Role of Financial Institutions in a Financial System	Theory
	4.2	Regulatory and Promotional Institutions: RBI - Central Banking Functions, Roles of RBI, Money Creation: Process and Control, Monetary Policy, Techniques of Monetary Control, Liquidity Adjustment Facility.	Theory
	4.3	Role of Central Bank in Money Market Operations - Monetary Stability and Stable Payment System - Note issue - Government banker - Bankers bank - Supervising authority - Exchange control authority -Promoter of financial system	Theory
	4.4	Regulator of money and Credit - Liquidity adjustment facility-Statutory liquidity ratio. - Cash reserve ratio-Refinance-Bank rate-Open market operations-Repos/ Reserve Repos	Theory
	4.5	Banking Institutions: Commercial Banking: Basis of Banking Operations, Role of Banks, Non-Banking	Theory

		Finance Companies: Nature, Importance, Evolution of Finance Companies	
	4.6	Insurance Companies, Provident Funds and Pension Funds, Venture Capital Funds	Theory
	4.7	Developmental Financial Institutions-IFCI-IDBI-NABARD-SFC	Theory
Module 5 -Regulatory Framework of Indian Financial System-10 hours			
5	5.1	Indian Financial System -Regulatory framework	Theory
	5.2	Role of Regulators in India: Ministry of Corporate Affairs, Stock Exchange, Registrar of Companies, AMFI, SEBI, RBI, IRDA, PFRDA	Theory
	5.3	Investor Grievances and Arbitration	Theory

Suggested assignment:

- Identify and report reforms in Indian money market.
- Identify any two financial institutions in our country and evaluate the role they play in the financial sector of our country.

Suggested readings:

- Kohn, Meir, “*Financial Institutions and Markets*”, Tata McGraw Hill.
- Bhole, L M, “*Financial Institutions and Markets*”, Tata McGraw Hill.
- Srivastava, R M, “*Management of Indian Financial Institutions*”, Himalaya Publishing.
- Gursamy, S., “*Financial Markets and Institutions*”, Thomson.
- Pathak, Bharati, “*Indian Financial System*”, Pearson Education, New Delhi
- Financial Markets: A Beginners’ Module, Workbook from NSE

Course Code	FM1CRT02
Title of the Course	INTRODUCTION TO CAPITAL MARKETS
Semester	One
Type	Core
Credits	4
Hours	5 Hours per week and total 90

Objective of the Course: To familiarise the students with the mechanism of capital market operations, to provide an understanding of the primary market operations, to acquaint them with the practical aspects of share trading, stock exchange and depository system and to create an awareness about SEBI.

Course Outcome No:	Expected Course Outcome	Cognitive Level
1	To get an understanding of Indian Securities Market	Understand
2	Familiarize the students with the events and players in primary and secondary market	Understand
3	To get a basic understanding of different intermediaries in the market	Understand
4	To get a basic awareness on the SEBI -Regulations for Issue and Listing.	Understand

Unit wise arrangement of the course

Module	Sl. No. of Units	Contents of the unit	Remarks
Module 1-Introduction to Securities Market—10 hours			
1	1.1	Introduction to Securities and Securities Market, Securities- Definition and Features	Theory
	1.2	Structure of Securities Market - Market Participants and their activities	Theory

	1.3	Kinds of Transactions - Role of Securities Markets as Allocators of Capital	Theory
	1.4	Types of Securities-Equity and Debt Securities- Features of Equity Capital- Ownership securities -Type of Debt instruments- Benefits of investing in Debt instruments- Hybrid Instruments - ADR,GDR,IDR	Theory
	1.5	Reforms in Indian securities markets	Theory
Module 2 -Primary Market- 20 hours			
2	2.1	Primary market-Definition and Functions	Theory
	2.2	Eligibility to issue securities -Types of Issues- IPO, FPO, E-IPOs	Theory
	2.3	Issuing Equity Capital - Public Offer of Shares - Reservations - Initial Public Offer - Eligibility for Public Issue of Shares - Follow-on Public Offer	Theory
	2.4	Issuers - Regulatory Framework for Primary Markets - Types of Investors	Theory
	2.5	Methods of Floating new issues-Public issue, Private placement, Bonus issue, Right issue, ESOP- Types of Offer Document - Pricing a Public Issue of Shares-Fixed versus Book Building issue	Theory
	2.6	Public Issue Process - Prospectus - Red Herring Prospectus - Applying to a Public Issue - Green Shoe Option - Listing of Shares	Theory
. Module 3-Market Intermediaries-20 hours			
	3.1	Intermediaries in the New Issue Market- Role and Functions- Merchant bankers, Stock brokers, Registrar, Underwriters, Banker to an issue, Depository	Theory

3	3.2	Role of the clearing agency / corporation/house - Clearing banks and their function - clearing members /custodians - clearing process	Theory
	3.3	Depositories and Depository Participants- Functions of a Depository- Special Services Pledging/Hypothecation, Securities Lending and Borrowing, Corporate Actions, Public Issues.	Theory
	3.4	Working procedure of Depository system in India- Dematerialisation and Rematerialisation of securities	Theory
	3.5	Members of a Stock Exchange	Theory
Module 4-Secondary Market- 20 hours			
4	4.1	Secondary market-Meaning-Role and Functions of the Secondary Market	Theory
	4.2	Market Structure and Participants	Theory
	4.3	Process of trading in a Stock exchange-Trade Execution- Settlement of Trades-Transaction cycle	Theory
	4.4	Determination of settlement obligations- Equity segment - Settlement of funds - Settlement of securities - Corporate actions adjustment - Auction of securities - Buy Back of Securities	Theory
	4.4	Methods of trading in a stock exchange-Online Trading, - Internet Based Training(IBT)- Securities Trading using Wireless Technology- Concept of Margin Trading	Theory
	4.5	Market Information and Regulation - Risk Management Systems - Rights, Obligations and Grievance Redressal	Theory
	4.6	Major stock exchanges - India and International- Stock Market Indices-Significance of Index -Major Indices in India	Theory
Module 5- SEBI -Regulations for Capital Market. -20 hours			

5	5.1	SEBI (Issue of Capital and Disclosure Requirements) Regulations, 2009 (overview only)	Theory
	5.2	Compliances under SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015 (overview only)	Theory

Suggested assignment:

- Identify any company which is coming up with IPO and track its pricing and issue procedures. Also study of the performance of the security in secondary market for at least a month.
- Identify three companies each in five prominent sectors in India and analyse the trend in their price movements over a month.

Suggested readings:

- Choudhry, Moorad, (2002), Capital Market Instruments, Prentice Hall.
- ED Madhusoodanan, (2008), Indian Capital Markets, Quest Publications.
- Gurusamy,(2009), Capital Markets, 2nd Edition, Tata McGraw Hill
- E Gordan & K. Natranjan, Capital Market in India; Himalaya Publishing House
- Sanjeev Aggarwal. Guide to Indian Capital Market; Bharat Law House
- Capital Market (Dealers) Module, Workbook from NSE.

Course Code	FM1CMT01
Title of the Course	ECONOMICS FOR FINANCE
Semester	One
Type	Complementary
Credits	3
Hours	5 Hours per week and total 90

Objective of the Course:

To enable the students to have a basic understanding of money and the policies regulating its circulation in a country.

Course Outcome

Course Outcome No.	Expected Course Outcome	Cognitive Level
1	Familiarize students with elementary aspects of money	Understand
2	Understand the concept of money supply and circulation	Understand and Evaluate
3	Get acquit with the meaning and operative mechanism of monetary policies	Understand and Evaluate
4	Enable the students to understand public finance and public revenue	Understand and Evaluate
5	Familiarize students with public debt and fiscal policies	Understand and Evaluate

Unit wise arrangement of the course

Module	Sl. No of Units	Contents of the Unit	Remarks
Module 1 Money- 15 Hours			
	1.1	Definitions, Functions and Classifications- Gresham's Law	Theory

1	1.2	Role of money in various economies- Value of money- quantity of money	Theory
	1.3	Theories of Demand for money- Classical theory of demand for money- Irving Fisher -Cambridge versions	Theory
	1.4	Keynesian version of liquidity preference- Post-Keynesian theories-James Tobin and William J.Baumol model	Theory
	1.5	Friedman's restatement of Quantity Theory- The Income theory of money	Theory
Module 2 Money Supply hours - 20 Hours			
2	2.1	Factors influencing money supply- Measurement of money supply	Theory
	2.2	Concept of money multiplier- effect of government spending on money supply- Price level and money supply	Theory
	2.3	Mechanistic model of Money Supply – Behaviour model	Theory
	2.4	Inflation- Types of inflation- Causes of inflation- Effects of inflation on economy and various sectors- remedies- Stagflation – Deflation	Theory
Module-3 Monetary Policy- 20 Hours			
3	3.1	Meaning – Monetary Policy Framework- Objectives and Analytics of Monetary Policy	Theory
	3.2	Instruments and operating procedure- -direct and indirect instruments	Theory
	3.3	Effectiveness of monetary measures- Monetary Policy framework agreement in India- Monetary Policy Committee	Theory

Module 4- Public Finance - 20 Hours			
4	4.1	Meaning- Fiscal Functions- Distinction between Private and Public Finance	Theory
	4.2	Public goods, Private Goods - Principle of Maximum Social Advantage	Theory
	4.3	Modern theory of public Finance- Public Expenditure - Classification - Wagner's Law	Theory
	4.4	Public Revenue - Sources - Distinction between Tax Revenue and Non-Tax Revenue	Theory
	4.5	Taxation – Classification of taxation - Canons of taxation- Theories of Taxation - Impact and incidence of Taxation- Important taxes in India	Theory
Module 5 – Public Debt and Fiscal Policy - 15 hours			
5	5.1	Public Debt - Sources - Effects of Public debt Deficit financing - Meaning – objectives	Theory
	5.2	Federal Finance - Principles - Center and state Financial Relationship	Theory
	5.3	Finance Commissions in India	Theory
	5.4	Fiscal Policy- Objectives of Fiscal Policy- Instruments of Fiscal Policy	Theory
	5.5	Types of Fiscal Policy- Impact of Fiscal Policy- Limitations of Fiscal Policy	Theory

Assignments

- Major changes in monetary policy for a select period
- Preparation of a record of tax revenues of Central and State Governments

References

1. Singh.S.K. (Ninth edition) *Public Finance in Theory and Practice*. New Delhi: S Chand Publications.

2. Taylor, Philip E. *Economics of public finance*. MacMillan.
3. Bhatia. H.L. (twenty-sixth edition). *Public finance*. New Delhi: Vikas Publishing House Pvt.Ltd.
4. Gupta, Janak. (2nd Revised & Enlarged edition). *Public economics in India: Theory and practice*. Atlantic.
5. N. Jadhav, Monetary Policy, Financial Stability and Central Banking in India, Macmillan, 2006.
6. Gupta, S.B. (1994), *Monetary Economics*, S. Chand and Co., Delhi.
7. M.L Seth - Monetary Economics:
8. B.P. Tyagi., Public Finance, Jai Prakash Nath & Co., Meerut
9. Harvey Rosen, Public Finance, McGraw Hill, New York.
10. Study Material of ICAI- Intermediate.

Course code	FM1CRT03
Title of the course	LEGAL AND REGULATORY FRAMEWORK OF FINANCIAL MARKETS - I
Semester	One
Type	Core
Credits	4
Hours	5 Hours per week and total 90

Objective of the course: To inform the students about the elementary ideas and the logic of the corporate law and the laws relating to securities and their legal structure

Course Outcome No:	Expected Course Outcome	Cognitive level
1	Acquire knowledge about various types of companies, major documents and prospectus of companies	Understand and remember
2	Able to understand membership in companies, meetings and winding up of companies	Understand and remember
3	Understand the provisions of Securities Contract Regulation Act 1956	Understand and remember
4	Able to understand the provisions of Depositories act 1996	Understand and remember
5	Acquire knowledge about SEBI act 1992	Understand and remember

Unit wise arrangement of the Course

Module	Sl. No. of units	Contents of the unit	Remarks
Module 1 - Companies Act 2013 – 20 hours			

1	1.1	Company and its formation : Definition and Nature of Company- Advantages and Disadvantages of a Company- Promoters and preliminary contracts	Theory
	1.2	Types of Companies- Documents and procedure for Incorporation of Company- Effect of Incorporation.	Theory
	1.3	Memorandum of Association and Articles of Association: Meaning- Concept- Clauses- effects of alteration of Memorandum and articles	Theory
	1.4	Doctrine of Ultra Vires, Doctrine of Indoor Management- and Doctrine of Constructive Notice- Lifting of Corporate Veil.	Theory
	1.5	Prospectus: Meaning- When to be issued- When not required- Various kinds of prospectus- Contents of Prospectus- liability for misstatement in prospectus	Theory
	1.6	Share capital: Issue of shares- redemption of preference shares- bonus shares- Private Placements	Theory
Module 2 - Companies Act 2013 – 20 hours			
2	2.1	Membership of a company and meetings: Who can become member- Modes of acquiring membership- Cessation of membership- Rights and Liabilities of members.	Theory
	2.2	Classification of Directors- Disqualification of a director- Director Identification Number- appointment- Legal position- Powers and Duties- Position of director Managing Director- manager.	Theory
	2.3	Various types of meeting of shareholders and board- Convening and Conduct of meetings-	Theory

		Postal Ballot- Meetings through Video Conferencing- E-voting	
	2.4	Winding up of companies: meaning- contributory- modes of winding up- winding up by tribunal- liquidator- appointment- powers and liabilities of liquidator in compulsory winding up- effects of winding up order	Theory
	2.5	Voluntary winding up- circumstances- declaration of solvency- appointment of company liquidator- powers and functions of company liquidator- winding up of unregistered companies	Theory
Module 3 - Securities Contract Regulation Act 1956- an overview – 20 hours			
3	3.1	Securities Contract Regulation Act 1956: meaning of securities- derivatives – Grant of recognition to stock exchanges	Theory
	3.2	Corporatisation and demutualisation of stock exchanges- Clearing corporation- power of stock exchanges	Theory
	3.3	Contracts in securities - Additional Trading Floor - Contract in certain areas to be void - Power to Prohibit Contracts in Certain Cases - Licensing of dealers in certain areas	Theory
	3.4	Listing of securities- condition- delisting- Procedure and powers of Securities Appellate Tribunal- cancellation of recognition- penalties and procedure- title to dividends	Theory
Module 4 - Depositories Act 1996- Major Provisions – 15 hours			
	4.1	Depositories act 1996: meaning- beneficial owner, board, depository, issuer, participant, registered owner, Securities Appellate Tribunal, security	Theory

4	4.2	Certificate of commencement of business- rights and obligations of depositories, participants, issuers and beneficial owners- services of depository- surrender of certificate of security-	Theory
	4.3	Power of board (SEBI)- penalties and offences	Theory
Module 5- Securities and Exchange Board of India Act 1992- An Overview– 15 hours			
5	5.1	Securities and Exchange Board of India act 1992: Establishment of SEBI- SEBI- Objectives- Functions and Powers	Theory
	5.2	Securities and Exchange Board of India act 1992: Meaning- incorporation of board- management of board- term of office- removal of member from office- meetings	Theory
	5.3	Prohibition of manipulative and deceptive Devices, insider trading and substantial Acquisition of securities or control	Theory
	5.4	Powers and functions of the board- penalties- security Appellate tribunal and its establishment- appeals and revision	Theory

Suggested assignments:

- Preparation of prospectus of an imaginary public company
- Drafting of Memorandum of Association, Drafting Articles of Association.
- Drafting Notice of Company Meetings – Annual, Special, Extraordinary and Board meetings.

Suggested readings:

- Shukla, M.C., & Gulshan, Principles of Company Law, S.Chand, New Delhi.
- Venkataramana, K., Corporate Administration, Seven Hills Books Publications.
- Kapoor, N.D., Company Law and Secretarial Practice, Sultan Chand, New Delhi.
- Bansal C.L., Business and Corporate Law, Vikas Publishers, New Delhi.

- Bhandari, M.C., Guide to Company Law Procedures, Wadhwa Publication.
- S.N. Maheswari and S.K. Maheswari, Elements of Corporate Law, Himalaya Publications,
- Kuchal, S.C., Company Law and Secretarial Practice, Vikas Publishers, New Delhi

References

- Companies act 2013
- Securities Contract Regulation Act 1956
- Depositories act 1996
- Securities and Exchange Board of India act 1992

Course Code	FM2CRT04
Title of the Course	FINANCIAL ACCOUNTING
Semester	Two
Type	Core
Credits	4
Hours	5 Hours per week and total 90.

Objective of the Course: To develop and enhance basic knowledge on double entry system of accounting and also to provide a working knowledge to students on preparation of financial statements, Bank Reconciliation Statement and also to familiarize the students with recent trends in accounting.

Course Outcome No	Expected Course Outcome	Cognitive Level
1	Develop basic understanding about Accounting	Understand and Apply
2	Develop a deeper understanding about Journal and Ledger	Understand and Apply
3	Acquaint the practical knowledge to prepare financial statements	Understand and Apply
4	To familiarize students with valuation of shares and goodwill.	Understand and Apply
5	To provide understanding about theoretical and practical aspects of Accounting Standard – 10 and to apply the same in different practical situations.	Understand and Apply

Unit wise arrangement of the course

Module	Sl. No. of Units	Contents of the unit	Remarks
Module 1- Accounting-15 hours			

1	1.1	Introduction, meaning, Objectives of Accounting, Book keeping and Accounting	Theory
	1.2	Accounting Principles- Concepts and Conventions	Theory
	1.3	Double Entry System- Books of Accounts- Accounting Equation- Golden Rule of Accounting	Theory and Problem
	1.4	Branches of Accounting -Accounting Standards-IFRS and GAAP	Theory
Module 2 - Journal, Ledger and Trial Balance -20 hours			
2	2.1	Journalising: Meaning- Journal Entry- Simple and Compound Entries- opening Entry	Theory and Problem
	2.2	Ledger-Form of an Account -Posting - Balancing of Accounts	Theory and Problem
	2.3	Trial Balance: Meaning - Objectives-Preparation	Theory and Problem
Module 3- Final Accounts-20 hours			
3	3.1	Final Accounts: Meaning and Components	Theory
	3.2	Trading Account: Meaning, Preparation	Theory and Problem
	3.3	Profit and Loss Account: Meaning, Preparation	Theory and Problem
	3.4	Balance Sheet: Meaning, Preparation	Theory and Problem
	3.5	Notes to Financial Statements	Theory
Module 4- Valuation of Shares and Goodwill - 20 Hours			
4	4.1	Goodwill: Meaning, Definition	Theory
	4.2	Valuation of Goodwill: Methods of valuation, Practical Problems	Theory and Problems

	4.3	Shares: Meaning, Definition, Types	Theory
	4.4	Valuation of Shares: Methods of valuation, Practical Problems	Theory and Problems
Module 5- AS 10- Accounting for property, plant and equipment -15 Hours			
5	5.1	Objectives – Scope – Definitions Initial Costs - Subsequent Costs	Theory
	5.2	Measurement at Recognition - Elements of Cost - Measurement of Cost - Measurement after Recognition - Cost Model - Revaluation Model	Theory and Problems
	5.3	Depreciation - Depreciable Amount and Depreciation Period - Depreciation Method	Theory and Problems
	5.4	Changes in Existing Decommissioning - Restoration and Other Liabilities	Theory and Problems
	5.5	Impairment - Compensation for Impairment - Retirements - Derecognition	Theory and Problems
	5.6	Disclosure	Theory

Suggested assignments:

- Evaluate the value of shares of any three companies of your choice and compare it with actual market price.
- Analyse the fixed assets schedule in the annual report of any 5 listed companies and make a note of the compliance of the same with regards to application and disclosure requirements mentioned in AS-10.

Suggested readings

- Jain, S.P., & Narang, K.L., Advanced Accountancy, Kalyani Publishers, New Delhi
- Maheshwari, S.N., & Maheswari, S.K., Advanced Accountancy, Vikas Publishing House, New Delhi.
- Shukla, M.C., & Grewal, T.S., Advanced Accountancy, S Chand and Company (Pvt.) Ltd, New Delhi.
- Ashok, Sehgal, & Deepak Sehgal, Financial Accounting Taxmann Allied Service (Pvt.) Ltd, New Delhi.
- MA Arulanandam and KS Raman, Advanced Accountancy, Himalaya Publications, Mumbai.
- Paul, S. K., & Chandrani, Paul, Advanced Accountancy, New Central Book Agency, New Delhi.
- Raman B S, Financial Accounting- United Publishers
- The Chartered Accountant (Journal), Institute of Chartered Accountants of India, New Delhi.

Course Code	FM2CRT05
Title of the Course	RISK AND RETURN IN INVESTMENT DECISIONS
Semester	Two
Type	Core
Credits	4
Hours	5 Hours per week and total 90

Objective of the Course: To familiarize the students with general factors taken into consideration during investment decision process

Course Outcome No.	Expected Course Outcome	Cognitive Level
1	Familiarize students with the basics of investment, interest calculation, equated monthly installment schemes and asset classification	Understand and Apply
2	Understand the concept of time value of money and its effective application in investment decision process	Understand and Apply
3	Enabling students to differentiate different types of return while evaluating different investment options	Understand and Apply
4	Create an awareness among students regarding different types of risk involved in investment	Understand and Apply
5	Familiarizing the students with basic idea leading to rational investment decisions	Understand
6	Understand and to evaluate the alternative forms of investment	Understand

Unit wise arrangement of the course

Module	Sl. No of Units	Contents of the Unit	Remarks
Module 1- Introduction to Investment-15 hours			
	1.1	Investment- Investment decision process-Savings-Borrowing- Investment-Speculation- Savings Vs Investment-	Theory

1		Investment Vs Speculation, Investment Vs. Borrowings- Need for investment- Objectives of investment	
	1.2	Interest Rate- Factors determining interest rate- Calculation of Simple interest and Compound Interest	Theory and Problem
	1.3	Calculation of Equated monthly installment monthly installments-Fixed and floating interest rates	Theory and Problem
	1.4	Types of asset -Financial assets Vs Non financial asset- Features and characteristics of various asset classes- Safety, Liquidity and Return	Theory
Module 2 - Time Value of Money & Understanding Return-25 hours			
2	2.1	Time Value of Money- Meaning-Importance-Factors affecting value of money - Time value and purchasing power	Theory
	2.2	Valuation-Methods in adjusting time value of money- Compounding Technique/Future Value Technique and Discounting/Present Value Concept – Future value and Present value of an annuity – Present value of perpetuity	Theory and Problem
	2.3	Return from investment- Meaning- Importance- risk-return tradeoff - Factors to be considered while evaluating returns	Theory
	2.4	Different measures of return- Absolute return- Annualized return- Total return- Concept of Compounded Annual Growth Rate(CAGR)- CAGR for multiple cash flows- Internal rate of return(IRR)- Difference between CAGR and IRR- NPV- Holding Period Return(HPR)	Theory and Problem
	2.5	Real rate of return Vs Nominal rate of return- Tax adjusted return-Risk adjusted return	Theory and Problem
Module 3 - Understanding Risk -20 hours			
3	3.1	Risk -Common Types of Risk – Inflation risk- Default risk- Liquidity risk- Reinvestment risk- Business risk- Exchange rate risk- Interest rate risk- Market risk- Systematic and Unsystematic risk -Systematic Risk, Specific Risk and Diversification	Theory

	3.2	Measuring risk- Compounding Standard Deviation and variance- Risk- return trade off	Theory and Problem
	3.3	Asset allocation and Portfolio Construction: Risk levels of asset classes - Strategic Asset Allocation, Tactical Asset Allocation	Theory
	3.4	Passive and Active Management-Factors needed for active management to be successful-Choosing between passive and active management	Theory
	3.5	Identifying and Capturing Market Inefficiencies-Fundamental Analysis-Technical and Behavioural Analysis-Quantitative Analysis	Theory
Module 4 - Alternative Forms of Investment - 15 hours			
4	4.1	Investment Vehicles-Direct and Indirect Investment-Pooled Investment-security market indices-index fund –hedge fund-funds of fund	Theory
	4.2	Private Equity Investments-Private Equity strategies-Structure and Mechanics of Private Equity Partnerships	Theory
	4.3	Real Estate Investment-Commercial Real Estate Segments-Mode of Investment in Real Estate	Theory
	4.4	Commodity Investment-Mode of Investment	Theory
	4.5	Advantages and Limitations of Alternative Investment	Theory
Module 5 - Investment Decisions-15 hours			
5	5.1	Types of investors- Retail investors-Institutional investors- Income and saving ratio-risk profiling of investors- Classifying investors as per risk profiling	Theory
	5.2	Understanding investors investment psychology and Investment behavior- Income generation and assets classification	Theory
	5.3	Factors that affect investors' needs- Required Return- Risk tolerance- Time Horizon- liquidity- Regulatory issues- Taxes	Theory

	5.4	Risk Tolerance –Risk capacity and risk appetite-AML and KYC Compliance- Matching investment with investors risk profile and liquidity requirement - Investment Policy Statements- Uses and Importance	Theory
	5.5	Overall effective yield and Tax planning- Wealth protection measures.	Theory

Suggested assignment:

- Identify any 10 investment avenues and rank them on the basis of risk-return. Also suggest on the suitability of the same to different types of investors.
- Identify the strategies of great investment master :
 - Warren Buffet: the Ultimate Business man
 - John Templeton: the Bargain hunter
 - George Soros: the Global speculator
 - John Bogle : Twelve Pillars of investment Wisdom

Suggested readings:

- Bodie, Zvi, Kane Alex and Alan, J. Marcus, Investments, McGraw Hill.
- Bhalla, V.K. Investment Management, S.Chand & Company Ltd.
- Preeti Singh, Investment Management, Himalaya Publishers.
- Fabozzi, Frank, J. Investment Management, PHI learning.
- Jones, C.P. Investments Analysis and Management, Wiley, 8th ed.
- Chandra, Prasanna. Investment Analysis and Portfolio Management. McGraw Hill Education
- Rustogi, R.P. Fundamentals of Investment. Sultan Chand & Sons, New Delhi.
- Vohra N.D. & Bagri B.R., Futures and Options, McGraw Hill Education
- Mayo. An Introduction to Investment. Cengage Learning

Course Code	FM2CMT02
Title of the Course	BUSINESS ECONOMICS
Semester	Two
Type	Complementary
Credits	3
Hours	5 Hours per week and total 90

Objective of the Course:

To enable the students to have a basic understanding of the concept of Business Economics

Course Outcome

Course Outcome No.	Expected Course Outcome	Cognitive Level
1	Familiarizing students with elementary aspects of business economics	Understand
2	Understand the concept of demand and elasticity of demand and assist students in scientific demand forecasting	Understand and Evaluate
3	Understand the economies and diseconomies of scale and Laws of production function	Understand and Evaluate
4	Understand the concept of cost and prepare students for effective cost analysis	Understand and Evaluate
5	Enable the students to understand various market conditions leading to effective price determination	Understand and Evaluate

Module	Sl. No of Units	Contents of the Unit	Remarks
Module 1 - Introduction-15 Hours			

	1.1	Meaning of Business Economics, Nature, Scope & Objective of Business Economics -Business Economics and its role in managerial decision making-meaning-scope-relevance	Theory
	1.2	Application of economic theories in decision making- Areas where economic theories can be applied for business decision making	Theory
	1.3	Incremental Reasoning – Time Perspective – Discounting Principle – Opportunity Cost – Equi- marginal principle	Theory
Module 2 – Demand Analysis and Forecasting -20 hours			
2	2.1	Demand–Meaning- Law of Demand – Reasons for Law of demand – Exceptions to the Law	Theory
	2.2	Demand determinants- Movements Vs Shift in Demand- Demand distinctions	Theory
	2.2	Elasticity of Demand – Price elasticity- Importance of price elasticity- Factors affecting price elasticity - Degrees of elasticity-	Theory
	2.3	Income elasticity-Advertisement elasticity – Cross elasticity	Theory and Problems
	2.4	Methods of measuring price elasticity	Theory and Problems
	2.5	Demand Forecasting –Short Term and Long-Term Forecasting – Characteristics of a good forecasting technique	Theory
	2.6	Methods of Forecasting-Forecasting demand for new products	Theory
Module 3 - Production 15 hours			
3	3.1	Production Function –Assumptions and uses of production function- Cobb Douglas Production Function	Theory
	3.2	Laws of Production – Law of Diminishing Returns or variable proportions- –Law of Returns to Scale	Theory
	3.3	Economies and Diseconomies of Scale	Theory
	3.4	Isoquant Curve- Futures - Iso cost Curve – Optimum Combination of Inputs or Producers’ equilibrium	Theory

Module 4 -Cost Analysis - 20 Hours			
4	4.1	Cost -Cost concepts and classifications- Distinction between Accounting and Economic cost – Short run, long run cost- Fixed and Variable cost	Theory
	4.2	Cost function- Cost Output relationship in the short run – Cost output relationship in the long run	Theory
	4.3	Optimum Firm- Cost Control and Cost reduction	Theory
	4.4	Decision Making Situation in Cost Analysis- Least Cost Input combination in the short run- Equilibrium Level- Managerial Decisions based on cost analysis – Meaning of Break Even Point – Calculation of Break Even Point	Theory and Problems
Module 5 - Pricing in Different Markets- 20 Hours			
5	5.1	Price theory and price mechanism- objectives of pricing- Various market forms and pricing	Theory
	5.2	Perfect Competition –Features- Price determination	Theory
	5.3	Equilibrium of a firm under perfect competition- Short run and Long run – Shut down point	Theory
	5.4	Monopoly- Features and kinds of monopoly- Price and output determination	Theory
	5.5	Price Discrimination- Types- conditions- degree of price discrimination	Theory
	5.6	Imperfect Competition- Monopolistic competition- features- Price-output determination- Short run and Long run	Theory
	5.7	Oligopoly—features- Kinked Demand Curve- Price Leadership – Pricing under Collusion	Theory
	5.8	Other market forms like duopoly, monopsony, duopsony, oligopsony and bilateral monopoly-	Theory

Assignments

Calculation of price elasticity in various situations

Real life examples of various market forms

References

- Dean, Joel Managerial economics- Prentice Hall of India
- Varshney, R.L., & Maheshwari, K.L., Managerial Economics, Sultan Chand & Sons Private Ltd., New Delhi
- Mehta, P. L., Managerial Economics, Sultan & Chand, New Delhi
- Managerial Economics, Geetika, Piyali Ghosh, Purba Roy Choudhury
- Principle of Microeconomics, Gregory Mankiw, Cenagage Learning Publications
- Economics, Samuleson and Nordhaus, TMH Publishers Ltd. New Delhi
- Modern Microeconomics, Koutsoyannis, Machmillan India Ltd. New Delhi

Course code	FM2CRT06
Title of the course	LEGAL AND REGULATORY FRAMEWORK OF FINANCIAL MARKETS - II
Semester	Two
Type	Core
Credits	4
Hours	5 Hours per week and total 90

Objective of the course: To provide the students with legal knowledge of general business law. It also relates to various laws relating to securities in financial market.

Course Outcome No:	Expected Course Outcome	Cognitive level
1	Familiarise students with the fundamental legal framework of Contract Act which influences all business relationships	Understand and remember
2	Make students understand the application of Law of Agency while dealing in financial market	Understand and Apply
3	Able to understand meaning, essential characteristics and types of negotiable instruments and various provisions of negotiable instrument act 1881	Understand and remember
4	Familiarise students with Insurance Regulatory And Development Authority Of India Act, 1999	Understand and remember
5	Able to understand investor protection in financial markets	Understand and remember

Unit wise arrangement of the Course

Module	Sl. No. of units	Contents of the unit	Remarks

Module 1- Indian Contract Act 1872 – 30 hours			
1	1.1	Definitions- Agreement- Kinds of Contracts - Valid – Void - Voidable - Contingent and Quasi Contract - E-Contract	Theory
	1.2	Essentials of a Valid Contract - Offer and Acceptance - Communication of Offer - Acceptance and its Revocation	Theory
	1.3	Agreement - Consideration - Capacity to Contract - Free Consent - Legality of Object and Consideration	Theory
	1.4	Performance of Contract - Discharge of Contract -Breach of Contract - Remedies for Breach of Contract	Theory
	1.5	Special Contracts - Bailor and Bailee - Pledge - Indemnity and Guarantee	Theory
	1.6	Indemnity - Meaning and Definition - Contract of Guarantee - Kinds of Guarantee	Theory
	1.7	Rights and Liabilities of Surety - Discharge of Surety	Theory
Module 2 - Law of Agency - 15 hours			
2	2.1	Law of Agency - Essentials, kinds of agents, rights and duties of agent and principal	Theory
	2.2	Applications of law of agency in capital market - creation of agency - termination of agency	Theory
	2.3	Sub agents and substituted agents- Relationship	Theory
Module 3 - Negotiable Instruments Act 1881- An Overview – 15 hours			
3	3.1	Negotiable instruments- meaning- promissory note, bill of exchange, cheque, drawer, drawee, drawee in case of need	Theory
	3.2	Acceptor, acceptor for honour, payee, holder, holder in due course, endorsement, foreign instrument, maturity, days of grace	Theory
	3.3	Types of Negotiable Instruments- features- presumptions as to negotiable instrument- bill of exchange- promissory notes- conditions	Theory

	3.4	Classifications of Negotiable Instruments- distinction between bill of exchange and promissory notes- Parties to negotiable instruments	Theory
	3.5	Negotiation- modes- assignment	Theory
Module 4 - Regulatory Infrastructure in Financial Markets- 20 hours			
4	4.1	Regulators - Ministry of Finance, Ministry of Corporate Affairs, Reserve Bank of India, Securities and Exchange Board of India, Insurance Regulatory and Development Authority of India (IRDAI)	Theory
	4.2	Forward Market Commission of India (FMC), Pension Fund Regulatory and Development Authority (PFRDA), RBI, SEBI	Theory
	4.3	Role of regulators in regulating financial markets- functions	Theory
	4.4	Insurance Regulatory and Development Authority of India Act, 1999 - Meaning of terms- composition- removal from office- Objectives of IRDA- duties, powers and functions of authority	Theory
	4.5	Power of central government- Role of IRDA in financial market	Theory
Module 5 - Investor Protection in Financial Markets – 10 hours			
	5.1	Role of Ministry of Corporate Affairs in investor protection- Investor education and protection fund- investor awareness programme by SEBI	Theory
5	5.2	Need of investor protection- Role of AMFI in protecting investors- methods of investor protection by SEBI	Theory

Suggested assignments:

- Evaluate and identify the application of Negotiable Instruments Act and Law of Agency in any ten areas/ documents/ instruments/ relationships related to financial markets.

Suggested readings:

- Aswathappa, K., Business Laws, Himalaya Publishing House, Bengaluru.
- Kapoor, N.D., Business Laws, Sultan Chand publications New Delhi.

- Sharma,S.C., Business Law, International Publishers, Bengaluru
- Tulsian, Business Law, McGraw-Hill Education Mumbai
- Indian contract act 1982
- Negotiable instruments act 1881
- Insurance Regulatory and Development Authority of India Act, 1999

References

- Indian contract act 1982
- Negotiable instruments act 1881
- Insurance Regulatory and Development Authority of India Act, 1999

Objective of the Course: To get a basic understanding about accounting in Corporate Entities including issue of shares, redemption of shares, Underwriting of shares, accounting for

Course Code	FM3CRT07
Title of the Course	CORPORATE ACCOUNTING - 1
Semester	Three
Type	Core
Credits	4
Hours	5 Hours per week and total 90

investments and also a working knowledge on financial statements of Companies.

Course Outcome No:	Expected Course Outcome	Cognitive Level
1	To provide a basic understanding the accounting of issue and redemption of shares	Understand and Apply
2	To familiarize students with underwriting of shares and debentures	Understand and Apply
3	Have an understanding about accounting for fixed income and variable income securities.	Understand and Apply
4	To develop a practical knowledge on preparation of financial statement of companies	Understand and Apply

Unit wise arrangement of the course

Module	Sl. No. of Units	Contents of the unit	Remarks
Module 1- Issue of Shares- 18 hours			
1	1.1	Shares: Meaning, Types of Shares	Theory
	1.2	Issue of Shares at par and premium: Practical Problems	Theory and Problems
	1.3	Forfeiture of Shares: Practical Problems	Theory and Problems

	1.4	Reissue of forfeited shares: Practical Problems	Theory and Problems
Module 2 - Redemption of Preference Shares– ESOP-Rights Issue – Bonus Issue – Buyback of Shares- 25 hours			
2	2.1	Redemption of Preference Shares: Meaning, Types, Redemption: Practical Problems.	Theory
	2.2	ESOP: Meaning, Practical Problems	Theory and Problems
	2.3	Rights Issue and Bonus Issue: Meaning, Practical Problems	Theory and Problems
	2.4	Buyback of Shares: Meaning, Practical Problems	Theory and Problems
Module 3- Underwriting of Shares and Debentures -15 hours			
3	3.1	Underwriting: Meaning, Need for underwriting, Minimum Subscription	Theory and Problems
	3.2	Marked and Unmarked Applications – Firm Underwriting	Theory and Problems
	3.3	Determining the Liability of Underwriters in respect of an Underwriting Contract : Complete Underwriting – Partial Underwriting – Firm Underwriting	Theory and Problems
Module 4- Investment Account-15 hours			
4	4.1	Investment Accounts: Fixed Income and Variable Income Securities	Theory
	4.2	Preparation of Investment Accounts: Format and Practical Problems	Theory and Problems
	4.3	Cum-interest- Ex-interest- Cum-dividend- Ex-dividend- Accounting entries - Treatment of Bonus Share and Right Shares	Theory and Problems
Module 5- Final Accounts of Joint Stock Companies- 17 hours			

5	5.1	Final Accounts of Joint Stock Companies (Vertical form- As per provisions of Companies Act 2013): Format	Theory
	5.2	Preparation of Company Final Accounts including Balance Sheet – Calculation of Managerial Remuneration	Theory and Problems
	5.3	Profit (Loss) Prior to Incorporation : Practical Problems	Theory and Problems

Suggested assignment:

- Identify any recent public issue of shares and study the prospects of the issue.
- Analyse the financial statements of any two Indian companies and comment on it's profitability and financial position.

Suggested readings:

- Jain, S.P., & Narang, K.L., Advanced Accountancy, Kalyani Publishers, New Delhi
- Maheshwari, S.N., & Maheswari, S.K., Advanced Accountancy, Vikas Publishing House, New Delhi.
- Shukla, M.C., & Grewal, T.S., Advanced Accountancy, S Chand and Company (Pvt.) Ltd, New Delhi.
- Ashok, Sehgal, & Deepak Sehgal, Financial Accounting Taxmann Allied Service (Pvt.) Ltd, New Delhi.
- MA Arulanandam and KS Raman, Advanced Accountancy, Himalaya Publications, Mumbai.
- Paul, S. K., & Chandrani, Paul, Advanced Accountancy, New Central Book Agency, New Delhi.
- Raman B S, Financial Accounting- United Publishers
- The Chartered Accountant(Journal), Institute of Chartered Accountants of India, New Delhi.

Course Code	FM3CRT08
Title of the Course	INTRODUCTION TO FINANCIAL SERVICES
Semester	Three
Type	Core
Credits	4
Hours	5 Hours per week and total 90

Objective of the Course: To get a basic understanding about different financial services and to acquire detailed knowledge on specific financial services like factoring, forfeiting, leasing, mortgage, housing finance, credit rating, securitization and brokering services.

Course Outcome No:	Expected Course Outcome	Cognitive Level
1	To get an understanding of different financial services prevailing in Indian Financial Market.	Understand
2	Familiarize the students with different forms of Leasing and Factoring services.	Understand
3	To get a basic understanding of different sources of Housing Finance in India and about different mortgage and housing loans.	Understand
4	Familiarization with stock broking and depository services in India.	Understand
5	Familiarize the students with Registrar and Transfer Agent's services and its related investor interface.	Understand

Unit wise arrangement of the course

Module	Sl. No. of Units	Contents of the unit	Remarks
Module 1 - Introduction to Financial Services- 25 Hours			
1	1.1	Meaning and Types of Financial Services	Theory
	1.2	Fund Based Financial Services and Fee based Financial Services, Meaning and Types	Theory

	1.3	Venture Capital: Meaning, Parties involved in Venture Capital Financing, Process of Venture Capital Financing, Role of Venture Capitalist	Theory
	1.4	Securitization of debt: Meaning, Features, Mechanism, Types of Securitization	Theory
	1.5	Process of Securitization, Special Purpose Vehicle, Benefits of Securitization and Issues in Securitizations	Theory
	1.6	Credit Rating: meaning, rating methodology, importance of credit rating	Theory
	1.7	Credit rating agencies in India including Small & Medium Enterprises Rating Agency (SMERA), CRISIL, ICRA, CARE	Theory
Module 2 - Hire Purchase Finance & Housing Finance – 17 Hours			
2	2.1	Hire Purchase Finance: Meaning and Definition, Concept of Hire Purchase Financing, Characteristics, Advantages of Hire Purchase Financing	Theory
	2.2	Default in installments, Full and Partial Repossession in Hire Purchase- Difference between Hire Purchase and Installment Purchase system	Theory
	2.3	Need and nature of housing finance and different sources of housing finance in India, fixed and floating rate home loans	Theory
	2.4	Role of National Housing Bank- concept of mortgage and reverse mortgage, housing loans and mortgage loans and types of mortgage loans	Theory
Module 3 - Leasing and Factoring – 18 Hours			
	3.1	Leasing: Meaning and Definition, Lease Rental, Parties involved in a lease agreement, Benefits of Leasing	Theory

3	3.2	Operating and Financial Lease: Meaning, Concept, Process, Differences between Operating and Financial Lease	Theory
	3.3	Sale and Lease back Other classifications- Advantages and Limitations of Leasing—Leasing Vs Hire purchase	Theory
	3.4	Factoring, Parties involved, Process of Factoring, Functions of a Factor, Different Forms of Factoring Services, Factoring Vs. Bill Discounting – Forfeiting, Mechanism of Forfeiting, Factoring Vs. Forfeiting	Theory
Module 4 - Stock Broking & Depository Services – 20 Hours			
4	4.1	Stock Broking : meaning, types of stockbrokers, sub-brokers; stock broking in India- e-broking, Brokers to the Issue/Syndicate Members/ Designated Intermediaries	Theory
	4.2	Role of depositories and their services, Advantages of depository system, Functioning of depository system	Theory
	4.3	Depositories in India: NSDL & CSDL, Depository participants (DPs) and their role Custodial services, meaning; obligations and responsibilities of custodians, code of conduct	Theory
	4.4	Depository Services: Dematerialisation - Constituents of the Depository System - Investor's Interface with the Depository	Theory
	4.5	Trading and Settlement - Beneficial Owner Reporting - Corporate Actions - Reconciliation	Theory
Module 5 - Registrar and Transfer Agents & Investor Interface – 10 Hours			
5	5.1	Registrar and Transfer Agents - Transfer of Securities - Recording Change in Investor Information - Issue of Duplicate Certificate for Securities	Theory
	5.2	Stop Transfers - Transmission - Annual General Meeting - E Voting	Theory

Suggested assignment:

- Identify any asset that could be leased out and find out the reasons why taking the asset on lease would be better off than acquiring it.
- Find out the CRISIL rating of any two securities and make an evaluative study.

Suggested readings:

- NISM-Series-II-A: Registrars to an Issue and Share Transfer Agents - Corporate Certification Examination - Workbook
- Agarwal O. P. (2005): Environment and Management of Financial Services, Mumbai, Himalaya
- Batra G. S. (1999): Financial Services: New Innovations, New Delhi,
- Deep & Deep Bhole L. M. & Mahakud J. (2009): Financial Institutions and Markets: Structure, Growth & Innovations, New Delhi, Tata-McGraw Hill, 5e
- Khan M. Y. (2004): Financial Services, New Delhi, Tata McGraw-Hill
- Mantravadi P. (2001): Financial Services, Hyderabad, ICAFI
- Pathak B. V. (2008): Indian Financial System, New Delhi, Pearson, 2e
- Pezzullo M. N. (1998): Marketing of Financial Services, New Delhi, Macmillan
- Rose P. S. (1993): Financial Institutions: Understanding and Managing Financial Services, Boston, Irwin
- Shiva Ramu S. (1995): Global Financial Services, New Delhi, South Asia Pub.

Course code	FM3CRT09
Title of the course	DERIVATIVES AND RISK MANAGEMENT
Semester	Three
Type	Core
Credits	4
Hours	5 Hours per week and total 90

Objective of the course: To familiarize the students with the derivative markets and its evolution, compare and evaluate the performance of different forward, futures and options contracts and understand the various future and option pricing models.

Course Outcome No	Expected Course Outcome	Cognitive level
1	To understand basic concept and types of derivatives	Understand
2	To understand basic concept and types of risk and measurement	Understand
3	To understand basic concept and types of Forwards and Futures Contracts	Understand and apply
4	To understand basic concept and types of Options	Understand
5	To understand basic concept and types of Swaps	Understand

Unit wise arrangement of the Course

Module	Unit No.	Contents of unit	Remarks
Module 1- Introduction to Derivatives- 20 hours			
1	1.1	Derivatives – meaning —economic benefit of derivatives & limitations – classification of derivatives	Theory
	1.2	Derivatives market in India – evolution, growth and development	Theory
	1.3	Types of Derivatives Market- Currency Derivative - Interest Rate Derivative - Equity Derivative - participants in derivatives market – functions of derivatives market.	Theory

	1.4	Risk in different markets (Commodity, Currency, and security market) – implications of risk - Risk perception of individual and institutions	
	1.5	Measurement of risk	Theory and Problem
	1.6	Value of Risk – Applications, uses and limitations of VaR - Risk Management using derivatives	Theory
Module 2 - Forwards and Futures Contracts- 20 hours			
2	2.1	Introduction to forward and futures Contracts - meaning – features– classification-advantages and disadvantages	Theory
	2.2	Futures- meaning – features– classification-advantages and disadvantages– uses of futures -forward vs. futures – delivery terms – long and short positions – open interest	Theory
	2.3	Pay off Charts for Futures contract - Futures pricing(Problem)- Trading mechanism – margin money requirements	Theory and Problems
	2.4	Commodity, Equity & Index Futures - Uses of futures	Theory
	2.5	Operation of stock / index futures in India	Theory
Module 3 - Options- 25 hours			
3	3.1	Options – types, uses, basic concepts, terminologies & uses of options	Theory
	3.2	Value of options- intrinsic value and time value	Theory
	3.3	Option positions - Pay off Charts for Options	Theory
	3.4	Basics of Option Pricing and Option Greeks	Theory
	3.5	Option Trading Strategies –Option Spreads, Straddle, Strangle, Covered Call, Protective Put, Collar, Butterfly Spread, Straps and Strips	Theory
Module 4 – Swaps - 10 hours			
4	4.1	Swaps – features – classification – Interest rate & Currency Swaps	Theory

	4.2	Mechanism of swaps-Swapping through intermediaries – economic motives for swaps	Theory
	4.3	Swaptions – Advantages and Disadvantages of swaps	Theory
Module 5 - F&O Trading and Settlement Systems - 15 hours			
5	5.1	Trading System of F&O - Selection criteria of Stocks for trading - Selection criteria of Index for trading	Theory
	5.2	Adjustments for Corporate Actions - Position Limits	Theory
	5.3	Clearing Members of F&O segment - F&O Clearing Mechanism - F&O Settlement Mechanism	Theory
	5.4	F&O Risk Management – Margins - Early Pay-in of Securities and Funds - Violations and Penalties	Theory

Suggested Assignment:

- Identify any 5 stocks and evaluate its movement in equity, futures and options segment. Also track the movement of its related index and the movement of F&O index.
- Compare the movement of prices of a selected stock in ‘Near’ month ‘Next’ month and ‘Far’ month contracts in F&O.

Suggested readings:

- NISM-Series-VIII: Equity Derivatives Certification Examination Workbook
- Commodities and Financial Derivatives, S. Kevin, PHI Learning Pvt. Ltd
- Financial Derivatives, SSS Kumar, PHI Learning Pvt. Ltd.
- Fundamentals of Financial Derivatives, Prafulla Kumar Swain, Himalaya Publishing House
- Financial Derivatives- Theory, Concepts and Problems, S L Gupta, Prentice Hall of India.
- Fundamentals of Financial Derivatives, N R Parasuraman, Wiley India.

References

- Options , Futures and Other Derivative securities, John C. Hull, PHI
- Financial Derivatives, An Introduction to Futures, Forwards, Options and Swaps,
- Keith Redhead, PHI

Course Code	FM3CRT10
Title of the course	QUANTITATIVE METHODS FOR BUSINESS DATA ANALYSIS - I
Semester	Three
Type	Core
Credits	4
Hours	5 hours per week and total 90

Objective of the course: - To enhance the ability of students to use quantitative methods to analyze financial and economic data and thereby to assist in making business decisions.

Course Outcome No.	Expected Outcome	Cognitive Level
1	Understand the basics of statistics and its importance in business	Understand
2	Measures of Central tendency in business situations	Evaluate and apply
3	To know measures of dispersion and compute it	Evaluate and apply
4	To analyze data with regards to time using time series	Understand and apply
5	Focus and distinguish the types of index numbers	Understand and apply

Unit wise arrangement of the course

Module No	Unit No	Contents	Remarks
Module 1- Introduction to Statistics - 10 hours			
1	1.1	Meaning- definition- Statistics as data- Statistics as methods- Descriptive statistics and inferential statistics- Functions of statistics - Limitations.	Theory
	1.2	Importance of statistics in Business- Distrust of statistics – Reasons for distrust of statistics - measures to overcome distrust of statistics	Theory
Module 2- Univariate Methods – 1 – Measures of Central Tendency – 20 hours			

2	2.1	Concept –Functions of an average - Characteristics- Arithmetic Mean: meaning – Simple mean- Weighted mean- Combined mean- Properties of mean	Theory & Problem
	2.2	Median:- meaning, uses – Quartiles - Deciles- Percentiles - Graphical location of median	Theory & Problem
	2.3	Mode:- Meaning, uses - Graphical location of mode - Empirical relation between mean, median and mode	Theory & Problem
	2.4	Geometric mean: meaning, application	Theory & Problem
	2.5	Harmonic mean: meaning, application	Theory & Problem
Module 3- Univariate Methods – 1 – Measures of Dispersion – 25 hours			
3	3.1	Concept- Relevance and Applications in Business -Properties of a good measure of dispersion- Absolute and Relative Measure	Theory
	3.2	Range-Inter Quartile Range- Quartile Deviation – Mean Deviation	Theory & Problem
	3.3	Standard Deviation- -Mathematical properties of standard deviation – uses of standard deviation - Variance and Co- efficient of Variation	Theory & Problem
	3.4	Measures of Skewness: meaning, types- Test of skewness- Relatives measures of skewness- Moments- Central moments- Raw moments- Kurtosis: meaning , types.	Theory & Problem
Module 4- Time Series Analysis – 15 hours			
4	4.1	Meaning-Definition- Components of Time Series-Time series analysis- Utility of Time Series Analysis- Mathematical models	Theory
	4.2	Determination of Trend- Free hand curve method- Method of semi averages- Method of Moving Average-Method of Least Squares (first degree only)- Shifting the origin of trend-	Theory & Problem

Module 5- Index numbers – 20 hours			
5	5.1	Meaning-Importance- Characteristics and uses of Index Numbers- Types of index numbers	Theory
	5.2	Methods of constructing price index, quantity index and value index - Unweighted Index numbers- Simple aggregative method and Simple average of price relatives method- Weighted Index numbers- Weighted average of price relative method	Theory & Problem
	5.3	Weighted aggregative method applying Laspeyer's, Paasche's and Fishers methods- Test of Consistency of index numbers-	Theory & Problem
	5.4	Cost of Living Index Numbers and its Uses (theory only) - Concepts of Fixed base index numbers, chain based index numbers, base shifting, deflating and splicing(theory only)- Limitations of index numbers	Theory & Problem

Suggested assignments:-

- Observe the movement of any 5 shares/index for an year and find out which company is more stable using the quantitative methods to identify the variance.

Suggested readings:-

- Kothari, C.R., Research Methodology, New Age Publications, New Delhi.
- Sharma, J. K., Business Statistics, Pearson Education.
- Gupta, S.C., Fundamentals of Statistics, Himalaya Publishing House.
- Elhance D N, Elhance, Veena and Aggarwal B M Fundamentals of Statistics , Kitab Mahal
- Pillai, R S N and Bagavathi, V ., Statistics , S Chand & Co

Course code	FM3CRT11
Title of the course	BANKING AND INSURANCE
Semester	Three
Type	Core
Credits	4
Hours	5 Hours per week and total 90

Objective of the course: To familiarize the students with the basic concepts and practice of banking and the principles of Insurance

Course Outcome No.	Expected Course Outcome	Cognitive level
1	To familiarize the students with the basic concepts and practice of banking	Understand and apply
2	To understand the different roles played by Merchant Bankers in Indian Financial System	Understand
3	To understand the relationship between banker and customer	Understand
4	To understand the concept and importance of Insurance	Understand
5	To make the students understand various principles, provisions that govern the Life General Insurance Contracts and General Insurance Contracts	Understand

Unit wise arrangement of the Course

Module	Unit No.	Contents of unit	Remarks
Module 1 -- Introduction to Banking- 12 Hours			
1	1.1	Origin and Evolution of Banks - Meaning and Definition	Theory
	1.2	Classification of Banks – Functions of Commercial Banks, Primary and Secondary functions	Theory
	1.3	RBI Role & Functions-Tools of Monetary Control	Theory
	1.4	Credit Creation	Theory
	1.5	Recent Developments in field of banking-Banking Ombudsman Scheme	Theory
Module 2 - Indian Financial System & Merchant Banking - 35 Hours			

2	2.1	Indian Financial System – ADRs-GDRs- Participatory Notes - Banking Regulation Constitution - Retail Banking, Wholesale and International Banking	Theory
	2.2	Basel Norms- CIBIL - Fair Practices Code for Debt Collection - BCSBI Role and Functions of CIBIL- Codes of BCSBI	Theory
	2.3	Merchant Banking - Concept and Evolution of Merchant Banking - Merchant Banking in India - Registration of Merchant Bankers - Code of Conduct for Merchant Bankers - General obligations and Responsibilities - Redressal of Investor Grievances and SCORES	Theory
	2.4	Issue Management - Appointment of Merchant Bankers and other Intermediaries/Agencies - Filing of Offer Document - Fees to be paid along with the Offer Document - Documents to be submitted before the opening of the issue - Security Deposit - Draft offer document to be made public - Opening of an issue - Dispatch of Issue Material and Distribution	Theory
	2.5	Pricing of Issue – Underwriting - Allocation in net offer to public - Minimum Subscription - Allotment, Refund and Payment of Interest	Theory
	2.6	General Obligations of Merchant Bankers with regards to Issue Management -	Theory
	2.7	Issue Management: Offer For Sale through Stock Exchange Mechanism - Preferential Issue - Qualified Institutions Placement	Theory
	2.8	Issue Management: Rights issue - Bonus Issue - Institutional Placement Programme - Indian Depository Receipts - Due Diligence	Theory
Module 3 - Banker Customer Relationship- 15 Hours			
	3.1	Banker Customer Relationship , Banker’s Lien ,Right of Set off	Theory
	3.2	Garnishee Orders -Consumer Protection(COPRA Act & Banking Ombudsman Scheme) – KYC	Theory

3	3.3	Payment and Collection of Cheques and Other Negotiable Instruments- Cheque Truncation System	Theory
	3.4	Securitisation - Non Performing Assets, Classification	Theory
	3.5	Priority Sector Advances -- Financial Inclusion	Theory
Module 4 – Insurance -13 Hours			
4	4.1	Introduction, Types , Need and Importance	Theory
	4.2	Concept of Risk and Classification	Theory
	4.3	Principles of Insurance contract Insurance Industry in India	Theory
	4.4	IRDA	Theory
	4.5	Insurance Sector Reforms – Bancassurance.	Theory
Module 5 - Insurance Planning - 15 Hours			
5	5.1	Need for Insurance - Requirements of an Insurable risk	Theory
	5.2	Role of Insurance in Personal Finance	Theory
	5.3	Steps in Insurance Planning	Theory
	5.4	Life Insurance -Importance – Classification	Theory
	5.5	Non- Life Insurance - Importance - Classification	Theory

Suggested assignment:

- Open a bank account with internet banking and perform transaction.
- Visit a bank, identify the basic banking operations and develop a miniature form of a bank in class.
- Identify and list out the various roles played by any Merchant Banker of your choice.
- Identify various insurance schemes.

Suggested readings:

- Shekhar, K.C, Banking Theory and Practice, Vikas Publishing House, New Delhi
- Maheswari, S.N., Banking Law and Practice, Kalyani Publishers, New Delhi
- Sundharam, Varshney, Banking Theory Law & Practice, Sulthan Chand & Sons, New Delhi.
- Agarwal, O.P., Banking and Insurance, Himalya Publishing House, Mumbai
- Saxena, G.S., Legal Aspects of Banking Operations, Sultan Chand and Sons, New Delhi
- Agarwal, O.P., Banking and Insurance, Himalya Publishing House, Mumbai

- Tripathi, Nalini & Prabil Pal., Insurance: Theory and Practice, PHI Pvt Ltd, New Delhi
- Gupta, P.K., Insurance and Risk Management, Himalaya Publishing House, Mumbai
- Mishra, M.N., Principles and Practices of Insurance, S. Chand and Sons, New Delhi
- NISM-Series-IX: Merchant Banking Certification Examination Workbook

Course Code	FM4CRT12
Title of the Course	CORPORATE ACCOUNTING - II
Semester	Four
Type	Core
Credits	4
Hours	5 Hours per week and total 90 hours.

Objective of the Course: To get a detailed understanding about accounting in Banking and Insurance companies and to acquire a Practical knowledge on merger and amalgamation, internal reconstruction and Liquidation of companies

Course Outcome No:	Expected Course Outcome	Cognitive Level
1	To provide a basic understanding about accounting of Insurance companies	Understand and Apply
2	To familiarize students about accounting for banking companies.	Understand and Apply
3	Have an understanding about internal reconstruction and capital reduction	Understand and Apply
4	To acquire practical knowledge about Amalgamation, absorption and external reconstruction.	Understand and Apply
5	To provide a working knowledge on the accounting for liquidation of companies.	Understand and Apply

Unit wise arrangement of the course

Module	Sl. No. of Units	Contents of the unit	Remarks
Module 1- Accounts of Insurance Companies-20 hours			
1	1.1	Accounts of Insurance Companies – Insurance Companies – Special Terms	Theory
	1.2	Final Accounts of Life Insurance – Revenue Account - Profit and Loss Account and Balance Sheet (As per IRDA Regulation Act, 2002)	Theory and Problems

	1.3	Determination of Profit in Life Insurance Business – Valuation Balance Sheet	Theory and Problems
	1.4	Accounts of General Insurance Companies (Fire and Marine only) – Revenue Account – Profit and Loss Account and Balance Sheet (as per IRDA Regulation Act)	Theory and Problems
Module 2 - Accounts of Banking Companies-20 hours			
2	2.1	Accounts of Banking Companies: Meaning – Important Provisions of Banking Companies Act, 1949	Theory
	2.2	Preparation of Final Accounts of Banking Companies: Profit and Loss Account, Balance Sheet	Theory and Problems
	2.3	Transactions of Special Type – rebate on bills discounted- Asset Classification and Provisions – Non Performing Assets	Theory and Problems
	2.4	Capital Adequacy: Meaning, Practical Problems	Theory and Problems
Module 3- Internal Reconstruction- 15 hours			
3	3.1	Internal Reconstruction: Meaning, Alteration of Share Capital- Capital Reduction, Accounting procedure	Theory and Problems
	3.2	Surrender of Shares: Accounting Treatment	Theory and Problems
	3.3	Revised Balance Sheet: Practical Problems	Theory and Problems
Module 4- Amalgamation, Absorption and External Reconstruction-20 hours			
4	4.1	Amalgamation, Absorption and External Reconstruction: Meaning- Amalgamation in the nature of Merger, Purchase , External Reconstruction	Theory
	4.2	Applicability of AS 14- Calculation of Purchase consideration (all methods)	Theory and Problems

	4.3	Journal Entries in the books of Transferor and Transferee Companies, Revised Balance Sheet (excluding inter - company holdings)	Theory and Problems
Module 5- Liquidation of Companies-15 hours			
5	5.1	Liquidation of Companies: Meaning, Types	Theory
	5.2	Contributories-Preferential Creditors- Fraudulent Preference	Theory and Problems
	5.3	Preparation of Liquidator's Final Statement of Account (Statement of Affairs excluded)	Theory and Problems

Suggested assignment:

- Assignment on the recent real cases of amalgamation, evaluating the ratio of share exchange or valuation of firms.
- Compare the published financials (annual and quarterly) of any 5 banks and comment up on the compliance of the same with relevant regulations.
- Compare the published financials (annual and quarterly) of any 5 Insurance Companies and comment up on the compliance of the same with relevant regulations.

Suggested readings:

- Jain, S.P., & Narang, K.L., Advanced Accountancy, Kalyani Publishers, New Delhi
- Maheshwari, S.N., & Maheswari, S.K., Advanced Accountancy, Vikas Publishing House, New Delhi.
- Shukla, M.C., & Grewal, T.S., Advanced Accountancy, S Chand and Company (Pvt.) Ltd, New Delhi.
- Ashok, Sehgal, & Deepak Sehgal, Financial Accounting Taxmann Allied Service (Pvt.) Ltd, New Delhi.
- MA Arulanandam and KS Raman, Advanced Accountancy, Himalaya Publications, Mumbai.
- Paul, S. K., & Chandrani, Paul, Advanced Accountancy, New Central Book Agency, New Delhi.
- Raman B S, Financial Accounting- United Publishers

Course Code	FM4CRT13
Title of the Course	MARKETING OF FINANCIAL SERVICES
Semester	Four
Type	Core
Credits	4
Hours	5 per week and total 90

Objective of the Course: To equip students with knowledge in service marketing used in the financial services sector and to understand real-time challenges in the industry

Course Outcome No.	Expected Course Outcome	Cognitive Level
1	To understand the basic concept and factors affecting consumer buying behaviour.	Understand
2	The learner develops an idea about Service Market Segmentation and its application in Service Industry	Understand and Apply
3	Develop an idea about Marketing Mix and Distribution of Services	Understand
4	To evaluate the Customer Satisfaction in Service Marketing	Understand and Evaluate
5	The learner should understand the pertaining Regulations and Ethics in Service Marketing	Understand

Unit wise Arrangement of the Course

Module	Sl. No of units	Contents of the unit	Remarks
Module 1 – Consumer Behaviour – 25 Hours			
1	1.1	Consumer and business markets - buying roles - steps involved in buying process – Models of consumer Behaviour Factors affecting consumer behaviour - factors influencing buying decision	Theory

	1.2	consumer adoption process – changing pattern of consumer behaviour - Difficulties and challenges in predicting consumer behaviour	Theory
	1.3	Consumer Attitudes: Introduction, Functions of Attitude, Attitude Models, Learning Attitudes, Changing Attitudes, Attitude Change Strategies	Theory
	1.4	Consumer Decision making process - introduction, level of consumer decision making, Models of consumer Decision making	
	1.5	Consumer Motivation: Theories of Motivation and their applications, motivational Conflict, Defense Mechanisms, Motive Arousal, Motivational Research	
Module 2 - Service Marketing – 25 Hours			
2	2.1	Service – Meaning and Definition - Characteristics - Difference between Service and Products, Classification of Services – Service Marketing – Meaning and Definition – Objective – Need and Significance	Theory
	2.2	Service Marketing Dimensions - Factors Affecting Service Quality - Measures to Improve Service Quality -Service Quality and Productivity	
	2.3	Retail Financial Services- Investment Services - Insurance Services, Credit Services – Dimensions and drivers, Institutional Financial Service Growth of Service Sector in India.	
	2.4	Services Market Segmentation: Meaning – Benefits of Services Market Segmentation –Positioning and Differentiation of Services, Promotion and Communication	
	2.5	Environment of Service Marketing – Micro and Macro Environment	Theory
Module 3 - Marketing Mix and Distribution of Services – 15 Hours			

3	3.1	Services Marketing Mix – Meaning – Extended Services Marketing Mix -Going Beyond the 4 Ps. (7Ps of Services Marketing) - Service Delivery Process – Service Blueprints - Service Mapping	Theory
	3.2	Distribution Strategies of Services – Challenges in Distribution of Services -Personal Selling – Advertising and Sales Promotion in Service Industry.	Theory
Module 4 - Customer Satisfaction in Service Marketing – 15 Hours			
4	4.1	Monitoring and Measuring customer satisfaction, GAP Model – Handling complaints effectively – Service Failure – Recovery - Customer Relationship Management, Customer Loyalty	Theory
	4.2	Role of Internet and IT in marketing Financial Services, New trends in Marketing, Marketing through social networking channels	Theory
Module 5 - Regulations and Ethics in Service Marketing – 10 Hours			
5	5.1	Regulations Governing Financial Services Marketing and Regulating Bodies	Theory
	5.2	Ethical Issues in Service Marketing -Relation to Individual and Society as a Whole	Theory

Suggested Assignments:

- Make a study about service quality assessment of banks, insurance companies etc
- Identify 2-3 marketing strategies prominently adopted in financial markets.

Suggested Readings:

- Reynolds & Wells, Consumer Behaviour(2010), Mcgraw Hill.
- Schiffman, Leon G., and Leslie Lazar Kanuk. Consumer Behavior. Pearson Prentice Hall.
- Marketing Financial Services: Arthur Meidam: Macmillan
- Marketing Financial Services: Christine Ennew, Trevor Watkins Mike Wright: Routledge
- The Essence of Services Marketing.: Payne, Adrian: Prentice Hall of India Private Limited,

- Customer Service Meaning and Measurement: La Londe, B.J. and Zinszer, P.H: National Council of Physical Distribution Management (NCPDM.)
- Financial Services Marketing: Harrison, Tina: Pearson Education
- Marketing Financial Services: Hooman Estelami
- The Financial Services Hand Book: Evelyn Enrich & Duk Funeli
- Marketing Financial Services: Elsevier
- Customer Relationship Management: Perspective from the Market Place, Simón Knox, Stan Aklan, Butterworth-Heinemann.

Course Code	FM4CRT14
Title of the course	FINANCIAL MARKET RESEARCH
Semester	Four
Type	Core
Credits	4
Hours	5 Hours per week and total 90

Objective of the course: - This course is intended to help the students to understand the fundamentals of research that can explain why stock price varies and to gain insight into investors' decisions.

Course Outcome No.	Expected Outcome	Cognitive Level
1	Understand the basics of research , types of research & financial market research	Understand
2	Familiarize the Research Analyst Profession	Understand and apply
3	Understand the economic and industry indicators of analysis	Understand and apply
4	Understand the Qualitative and Quantitative dimensions with regards to Company Analysis.	Evaluate and apply
5	Understand the different dimensions involved in Technical Analysis.	Understand and apply

Unit wise arrangement of the course

Module No	Unit No	Contents of the unit	Remarks
Module 1- Introduction to Research & Financial Market Research - 10 hours			
1	1.1	Research: meaning – significance – objectives - types of research: - fundamental research, applied, conceptual, empirical, pure, exploratory and policy research	Theory
	1.2	Financial market meaning- Financial Market Research meaning - Features and Importance of research in Financial Markets.	Theory

Module 2- Fundamentals of Financial Market Research & Research Analyst – 15 hours			
2	2.1	Factors to be considered before investment - an over view into basic approaches of financial market research: fundamental analysis & technical analysis	Theory
	2.2	Research analyst meaning - Role of research analyst - Responsibilities of research analyst - principles to be followed by research analyst - Qualities of Research Analyst	Theory
	2.3	Code of Conduct for Research Analysts - Management of Conflicts of Interest and Disclosure Requirements for Research Analysts	Theory
	2.4	Qualities of a Good Research Report - Checklist Based Approach to the Research Reports - A Sample Checklist for Investment Research Reports	Theory
Module 3- Economy & Industry Analysis – 20 hours			
3	3.1	Economy Analysis: meaning – Principles of macro and micro economics	Theory
	3.2	Key economic variables for carrying fundamental analysis - sources of information/data for carrying economic analysis	Theory
	3.3	Industry analysis meaning- Key industry drivers and sources of information for industry analysis	Theory
	3.4	Theories for analysis for industry performance: Michael Porter’s Five Force Model for Industry Analysis, PESTLE Analysis, BCG Analysis, SCP Analysis	Theory
Module 4- Company Analysis – 20 hours			
4	4.1	Company Analysis meaning - Factors of company analysis: quantitative & qualitative	Theory
	4.2	Qualitative Dimensions: Understanding business and business models, - Competitive Advantages/Points of differentiation over the Competitors - Company’s SWOT Analysis - Management Quality and its governance system, Pricing power and sustainability of power - Organization Structure -	Theory

		Success factors of the company - Risks in the Business - Compliance orientation of company - Documentation on Guidance v/s Actuals - sources of information for analysis	
	4.3	Quantitative Dimensions: History of Business V/s Future of Business, Reading of financial statements including notes to Accounts, Peer comparison, dividend and earning history of the company, Role of corporate actions of the company - Ownership and Insiders' Sales and Purchase of Stocks in The Past.	Theory
Module 5- Technical Analysis– 25 hours			
5	5.1	Meaning – basic assumptions – Dow theory – Elliot wave principles – neutral network.	Theory
	5.2	Charts: line charts, bar charts, point and figure charts, candlestick chart – trends: support and resistance level	Theory
	5.3	Chart patterns – types of trends – head and shoulders – inverted head and shoulders – double top and bottom – rounding bottom – triangles, flags, gaps.	Theory
	5.4	Advanced technical indicators: volume of trade – breadth of the market – short sales – moving average – relative strength index – ROC index (illustrations) – limitations of technical analysis –	Theory and Problem
	5.5	Limitations of technical analysis – fundamental analysis vs. technical analysis.	Theory

Suggested assignments:

- Enroll for NISM-Series-XV: Research Analyst Certification Examination
- Perform fundamental analysis of two or more listed companies and make a comparison report
- Refer equity research reports prepared by various research analysts and understand the components of report.

Suggested readings:

- Research Methodology: Methods and Techniques, C R Kothari, New Age International Publications
- Security Analysis and Portfolio management, S. Kevin., PHI.
- Security Analysis and Portfolio Management–Punithavathy Pandian, Vikas Publishing House Pvt. Ltd.
- Security Analysis and Portfolio Management- Preethi Singh- Himalaya Publishing House
- Investment management, Bhalla VK, S. Chand & Company.
- Equity Research and Valuation: Dun and Brad Street- Mc Graw Hills Professional
- Best Practices for Equity Research Analysts: James Valentine- Mc Graw Hill Education

Additional reference:-

- National Institute of Securities Markets (NISM) NISM-Series-XV: Research Analyst Certification Examination syllabus.

Course Code	FM4CRT15
Title of the course	QUANTITATIVE METHODS FOR BUSINESS DATA ANALYSIS - II
Semester	4
Type	Core
Credits	4
Hours	5 Hours per week and total 90

Objective of the course: - To familiarize the statistical tools for comparison and forecast of data and to have an understanding of the fundamentals of probability.

Course Outcome No.	Expected Outcome	Cognitive Level
1	Understand the sampling and data collection techniques	Understand
2	Learn the significance of Correlation analysis and its methods	Evaluate and apply
3	Evaluate the significance of Regression analysis in business	Evaluate and apply
4	Understand the basic concepts of Probability theory	Understand and apply
5	Familiarize forecasting of data using interpolation and extrapolation	Evaluate and apply

Unit wise arrangement of the course

Module No	Unit No	Contents	Remarks
Module 1- Statistical Survey - 15 hours			
1	1.1	Business Data Sources- Primary and Secondary Data- Methods of collecting Primary data—Collection of secondary data	Theory
	1.2	Census method and Sampling – Sampling Methods: Probability Sampling and Non- Probability Sampling- Statistical errors	Theory

	1.3	Editing and Coding of data- Classification- Types of classification- Tabulation of Data - Types of tabulation- Cross tabulation- Parts of a table.	Theory
Module 2- Bivariate Methods – 1 – Correlation – 18 hours			
2	2.1	Concept- Correlation and Causation -Types of Correlation	Theory & Problem
	2.2	Methods of correlation- Scatter diagram and Correlation graph- -Karl Pearson's Co-efficient of Correlation	Theory & Problem
	2.3	Spearman's Rank Correlation Co-efficient- Concurrent Deviation Method- Concept of lag and lead in correlation (Problems- Un grouped Data only)	Theory & Problem
Module 3- Bivariate Methods – 2 –Regression – 18 hours			
3	3.1	Concept - Utility- Comparison of correlation and regression- Lines of Regression	Theory
	3.2	Regression Equations and regression co-efficient- Algebraic Methods of studying regression- Standard Error of estimate - (Problems- Un grouped Data only)	Theory & Problem
Module 4- Interpolation & Extrapolation – 16 hours			
4	4.1	Meaning of interpolation and extrapolation- Significance and utility - Methods of Interpolation	Theory
	4.2	Newton's Method of Advancing differences	Problem
	4.3	Binomial Expansion method & Lagrange's method	Problem
	4.4	Extrapolation- Forecasting using extrapolation	Theory & Problem
Module 5- Probability – 23 hours			
5	5.1	Meaning-Definition - Basic Terms	Theory
	5.2	Permutation and Combination	Theory & Problem
	5.3	Theorems of Probability- Addition Theorem- Multiplication Theorem - Conditional Probability	Theory & Problem

	5.4	Baye's Theorem of Inverse probability	Theory & Problem
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Suggested assignments:

- Review the analysis chapter of a thesis (Financial Market related) selected from MGU e-thesis (www.mgutheses.in) portal and make a report of analysis based on statistical tools applied.
- Evaluate the relationship between NSE index and World share market index (limited to US market index) for last quarter of a year and interpret the result.

Suggested readings:

- Kothari, C.R., Research Methodology, New Age Publications, New Delhi.
- Sharma, J. K., Business Statistics, Pearson Education.
- Gupta, S.C., Fundamentals of Statistics, Himalaya Publishing House.
- Vohra - Quantitative Techniques in Management (Tata McGraw-Hill, 2nd)
- Quantitative Techniques Theory and Problems, P C Tulsian , Pearson Education
- Kothari - Quantitative Techniques ,Vikas 1996, 3rd Edition.

Course Code	FM4CRT16
Title of the Course	FINANCIAL MANAGEMENT
Semester	Four
Type	Core
Credits	4
Hours	5 Hours per week and total 90

Objective of the Course: The purpose of the course is to offer the students relevant, systematic and actual knowledge of financial management that can be applied in practice with making financial decisions and resolving financial problems

Course Outcome No	Expected Course Outcome	Cognitive Level
1	Learn the theoretical foundations of financial management and financial management decisions	Understand and Remember
2	Develop an idea about the influence of company's cost of capital on its capital structure and investment decisions	Evaluate and Apply
3	Evaluate long term proposals, which involves major capital investment decisions and raising long-term finance.	Evaluate and Apply
4	Enhancing student's ability in dealing with day-to-day working capital decision	Evaluate and Apply
5	Learn how companies decide on making dividend disbursements	Evaluate and Apply

Unit wise Arrangement of the Course

Module	Sl. No of units	Contents of the unit	Remarks
Module 1- Introduction to Financial Management Decisions – 15 Hours			
1	1.1	Meaning and Types of Finance, Sources of Finance	Theory
	1.2	Financial Management - Meaning and Definition - Finance Functions / Functions of Financial Management -Objectives of Financial Management, Profit maximization vs. Wealth maximization	Theory
	1.3	Financial Management and Other Disciplines - Functions of Finance Manager in Modern Age	Theory
Module 2- Financing Decision – 30 Hours			
2	2.1	Cost of Capital - Meaning and Significance of Cost of Capital - Calculation of Specific Costs, Cost of Debt, Preference Capital, Equity Capital and Retained Earnings, Weighted Average Cost of Capital	Theory and Problem
	2.2	Capital Structure - Meaning and Definition - Pattern of Capital Structure - Optimum Capital Structure - Factors Determining Capital Structure Decision	Theory
	2.3	Leverage Analysis - Meaning and Definition - Types - Financial, Operating and Combined Leverage – Importance – Computations	Theory and Problem
Module 3- Investment Decision – 20 Hours			
	3.1	Capital Budgeting – Meaning - Need and Importance -Types of Capital Budgeting Decisions - Capital Budgeting Process - Factors Influencing Capital Budgeting Decisions - Limitations of Capital Budgeting Decisions	Theory

3	3.2	Appraisal of Investment Proposals - Traditional Techniques, Pay Back Period, Average Rate of Return Method	Theory and Problem
	3.3	Discounted Cash flow Method, Net Present Value Method	Theory and Problem
	3.4	Internal Rate of Return Method, Profitability Index Method	Theory and Problem
Module 4- Management of Working Capital – 15 Hours			
4	4.1	Working Capital - Meaning and Definition - Constituents of Working Capital - Concept of Gross Working Capital & Net Working Capital - Types of Working Capital - Factors Affecting Working Capital Requirement - Working Capital Management	Theory
	4.2	Estimation of Working Capital Requirements (Methods)	Theory and Problem
Module 5 - Dividend Decision - 10 Hours			
5	5.1	Dividend -Meaning and Definition -Types of Dividend - Dividend Policy, Pay Out Ratio, Retention Ratio	Theory
	5.2	Factors Influencing Dividend Policy- Bonus Shares - Stock Split and Reverse Split	Theory

Suggested Assignments:

- Identify and report on the cost of capital, leverage, profitability and performance of any two companies of your choice.

Suggested Readings:

- Pandey I M- Financial Management (Vikas, Latest Edition).
- Van Horne- Financial Management and Policy (Pearson Education, 12 edition) 2003.
- Knott G-Financial Management (Palgrave, 2004)
- Khan and Jain- Financial Management, Text, Problems & Cases (Tata McGraw-Hill, Latest Edition)

- Prasanna Chandra- Financial Management: Theory and Practice (TMH), Latest Edition.
- Kirt C Butler- Multi National Finance (Vikas).
- R P Rustagi- Financial Management (Galgotia) 2000, 2nd ed.
- Lawrence J. Gitman- Principles of Managerial Finance 2004, Pearson Education N. Delhi.
- Maheshwari, S.N.- Financial Management – Principles & Practice (Sultan Chand & Sons), Latest Edition.

Course code	FM5CRT17
Title of the course	PORTFOLIO MANAGEMENT
Semester	Five
Type	Core
Credits	4
Hours	5 Hours per week and total 90

Objective of the course:

The objective of this course is to introduce the intuition and concepts of Investment analysis and portfolio management.

Course Outcome No	Expected Course Outcome	Cognitive level
1	To understand the meaning and concept of portfolio management.	Understand
2	To understand different asset classes to formulate a portfolio	Understand
3	To evaluate risk and return while formulating portfolio	Understand and apply
4	To understand the theories of portfolio management	Understand
5	To develop an integrated portfolio management plan with fixed income assets and stocks.	Understand and apply

Unit wise arrangement of the Course

Module	Unit No.	Contents of the unit	Remarks
Module 1 -Introduction to Portfolio Management-12 hours			
1	1.1	Meaning and concept - uses – importance	Theory
	1.2	Portfolio construction – approaches – traditional approach – modern approach – portfolio risk and return	Theory
	1.3	Planning - Implementation - Monitoring and rebalancing	Theory
	1.4	Investment objectives and constraints of the different groups of investors	Theory

Module 2 - Strategic Asset Allocation-18 hours			
2	2.1	The importance of asset allocation – portfolio construction – approaches – traditional approach – modern approach	Theory
	2.2	Asset and Liability Management (ALM)	Theory
	2.3	Financial Psychology - Selection of asset classes - Optimization	Theory
Module 3- -Portfolio Analysis-15 hours			
3	3.1	Portfolio risk and return	Theory
	3.2	Markowitz model – selection of securities – construction of efficient frontier including problems.	Theory and problems
	3.3	Investor risk and return preferences: Indifference curves and the efficient frontier - Traditional portfolio management for individuals: Objectives - Asset allocation: Asset allocation pyramid	Theory
	3.4	Utility analysis – Portfolio selection and construction – Sharpe single index model – portfolio optimization.	Theory and problems
	3.5	Portfolio management services: Passive – Index funds	Theory
Module 4 – CAPM, Portfolio Evaluation and Revision - 30 Hours			
4	4.1	Efficient frontier with a combination of risky and risk free assets - Expected return, required return, overvalued and undervalued assets.	Theory
	4.2	Capital Market theory - Capital Asset Pricing Model – Arbitrage pricing theory	Theory and problems
	4.3	Characteristic line, Capital Market Line, Security market Line.	Theory
	4.4	Performance Evaluation: Meaning – need – different tools – Sharpe’s performance index – Treynor’s performance index – Jensen’s performance index – Fama’s performance measure (simple illustration on tools).	Theory and problems
	4.5	Portfolio revision – meaning – need – approaches – passive management – active management.	Theory

	4.6	Portfolio revision strategies – rebalancing strategies – formula plans (simple illustration on different strategies).	Theory and problems
Module 5 - Portfolio Management of Fixed Income & Stocks- 15 hours			
	5.1	Bond Portfolio Management Strategies, Investing in foreign bond markets - Active and passive portfolio management: fixed income & stocks	Theory
5	5.2	Sources of income from fixed-income instruments - Equity Indices, Tools passive investing, Investment Styles - Analysis of investment styles based on portfolio and income	Theory

Suggested Assignment

- Create different portfolios for income, growth and balanced portfolios by using equity and debt securities.

References

- Portfolio Analysis and Management – Ballad
- Modern Portfolio Theory and Investment Analysis – Edwin J. Elton and Martin J. Grubor.
- Security Analysis and Portfolio Management – Fisher and Gordon
- Security Analysis and Portfolio Management – V. A. Avdhani
- Financial Engineering: A complete guide to financial innovation – Marshal / Bansal
- Fischer, D.E. and Jordan, R.J. Security Analysis and Portfolio Management. Pearson Education
- Prasanna Chandra. Investment Analysis and Portfolio Management. Tata McGraw Hill Education Private Limited

Course Code	FM5CRT18
Title of the course	ENVIRONMENT MANAGEMENT & HUMAN RIGHTS
Semester	Five
Type	Core
Credits	4
Hours	5 hours per week and total 90

Objective of the course: - To explain the basic concepts of human rights, environmental protection, and sustainable development to create a group of responsible citizens contributing towards sustainable growth and development

Course Outcome No.	Expected Outcome	Cognitive Level
1	Create environment consciousness among the educated youth.	Understand
2	Evaluate all decisions and policies taking into consideration its effect on the environment and natural resources	Evaluate
3	Understand the recent developments for protection of environment	Understand & apply
4	Understand the Right to Information Act	Understand and apply
5	To know the human rights and to be followed	Understand and apply

Unit wise arrangement of the course

Module No	Unit No	Contents of the unit	Remarks
Module 1- Environmental Studies - 20 hours			
1	1.1	Multidisciplinary nature of Environmental Studies- Environmental Studies-Introduction-Definition-scope and Importance	Theory

	1.2	Natural Resources: Renewable and non-renewable resources - Natural resources and associated problems- Forest resources: Use and over-exploitation, deforestation-General Conservation strategies - Water resources: Use and over-utilization of surface and ground water - water conservation: watershed management, rainwater harvesting , dams-benefits and problems	Theory
	1.3	Mineral resources : Use and exploitation, environmental effects of extracting and using mineral resources - Food resources : World food problems, effects of modern agriculture, fertilizer-pesticide problems, water logging, salinity - Land resources: Land as a resource, land degradation, man induced landslides, soil erosion and desertification	Theory
	1.4	Energy resources: Growing energy needs, renewable and non-renewable energy sources - use of alternate energy sources	Theory
	1.5	Ecosystems- Concept -Structure and function - Energy -Food chains, food webs Ecological pyramids- Introduction, types, features, structure and function	Theory
Module 2- Biodiversity 25 hours			
2	2.1	Biodiversity - Introduction –types and importance- India as a mega-diversity nation - Bio diversity Hot-spots -Threats to biodiversity: habitat loss, poaching of wildlife, man wildlife conflicts- concept of threatened fauna , IUCN categorization and red list - Endangered and endemic species of India - Conservation - Insitu and exsitu conservation, protected area concept: National Park, wildlife sanctuary, biosphere reserves and community reserves, botanical gardens and zoos	Theory

	2.2	Global environmental issues- ozone depletion, global warming, greenhouse effect, climate change, acid rain, nuclear accidents - Local environmental issues: landscape alteration, quarrying, sand mining, coastal erosion, degrading of mangroves and wetlands - Ramsar sites	Theory
	2.3	Disaster and Disaster management: floods, earth quakes, cyclone and landslides- Need for disaster management – Disaster Management in India	Theory
	2.4	Pollution- air, water, soil, noise, thermal and nuclear-control measures, role of individuals in prevention of pollution -Issues relating to solid and electronic waste disposal.	Theory
	2.5	Environmental laws in India (brief overview only- the objectives and key provisions only) Environment Protection Act, Air (Prevention and control of Pollution) Act, Water (Prevention and control of Pollution) Act, Wildlife Protection Act, Forest Conservation Act, issues involved in enforcement of environmental legislation. – Sustainable development- Concept, UN and sustainable development goals	Theory
Module 3- Recent Developments in the field of Business & Financial Market - 15 hours			
3	3.1	Green Accounting- Meaning- History- Scope and Importance- Importance- Advantages and limitations - Green Banking- Meaning- benefits- coverage- steps in green banking- environmental risks for banks- Green banking initiatives- International initiatives- Initiatives in India - Green Marketing- Meaning- Need and benefits- Challenges - Green washing and consequences	Theory

	3.2	Environmental audit: concept, need and scope - Carbon credit and carbon exchanges (over view only)- Green Commercial Real Estate: concept - “Green” Branding: concept -Cat Bond Funds: concept.	Theory
Module 4- Right to Information Act – 12 hours			
4	4.1	Basic terms- Public authority- Competent authority Appropriate Government- Third Party- Information – record- Right to information- Objectives of the Act- Features of the Act- Obligation of Public authority	Theory
	4.2	Procedure for request of information- time limit- fee- ground of rejection- appeal- exemption from disclosure- Right to access information on specific issues- Banking transactions, insurance transactions, government dealing and related services	Theory
Module 5- Human Rights – 18 hours			
5	5.1	An Introduction to Human Rights, Meaning, concept and development –History of Human Rights	Theory
	5.2	Different Generations of Human Rights- Universality of Human Rights- Basic International Human Rights Documents - UDHR, ICCPR, ICESCR - Value dimensions of Human Rights	Theory
	5.3	Human Rights and United Nations - Human Rights co-ordination within UN system- Role of UN secretariat- The Economic and Social Council	Theory
	5.4	The Commission Human Rights-The Security Council and Human rights - The Committee on the Elimination of Racial Discrimination- The Committee on the Elimination of Discrimination Against Women- the Committee on Economic, Social and Cultural Rights- The Human Rights Committee- Critical Appraisal of UN Human Rights Regime	Theory

	5.5	Human Rights National Perspective Human Rights in Indian Constitution – Fundamental Rights- The Constitutional Context of Human Rights	Theory
	5.6	Directive Principles of State Policy and Human Rights- Human Rights of Women children–minorities- Prisoners- Science Technology and Human Rights-	Theory
	5.7	National Human Rights Commission- State Human Rights Commission- Human Rights Awareness in Education	Theory

Suggested assignments:-

- Visit and analyze a nearby natural environment and prepare a report on issues / problems in environment with reasons.

Suggested readings:-

- Bharucha Erach, Text Book of Environmental Studies for undergraduate Courses. University Press, IInd Edition 2013 (TB)
- Heywood, V.H & Watson, R.T. 1995. Global Biodiversity Assessment, Cambridge University Press 1140pb (Ref)
- Rajagopalan. R, Environmental Studies from crisis and cure, Oxford University Press, Published: 2016 (TB)
- M. Sarngadharan and G. Raju , Tourism and Sustainable Economic Developments: Indian and Global Perspectives – New Century Publishers
- Right to Information Act, 2005
- Understanding Human Rights –An overview –O.P.Dhiman

Course code	FM5CRT19
Title of the course	INCOME TAX - I
Semester	Five
Type	Core
Credits	4
Hours	6 per week and total 108

Objective of the course: To familiarise the students with Income Tax Act 1961 and to enable the students to compute income taxable under the first three heads of Income.

Course Outcome No:	Expected Course Outcome	Cognitive level
1	Acquire knowledge regarding the basic concepts of Income Tax	Understand and remember
2	Able to compute residential status of persons	Understand, remember and apply
3	Able to understand provisions of salary income and compute the income from salary	Understand, remember and apply
4	Familiarize students with computation of house property income	Understand, remember and apply
5	Helps to determine taxable profit of a business or profession	Understand, remember and apply

Unit wise arrangement of the Course

Module	Sl. No. of units	Contents of the unit	Remarks
Module 1 - Introduction – 15 hours			
1	1.1	Brief History of Income Tax in India - Basic Concepts- Finance Act- Definition of Income- Gross Total Income, Total Income, Assessee, Assessment Year, Average Rate of	Theory

		Tax, Maximum Marginal Rate, Previous Year - Accelerated Assessment- Person- Rates of Income Tax- Rebate u/s 87A	
	1.2	Capital and Revenue- receipts, expenditure, losses	Theory
Module 2 - Residential Status and exempted incomes – 15 hours			
2	2.1	Residential Status- individual, HUF, firm, company, AOP, BOI, other persons- Incidence of Tax	Theory & Problem
	2.2	Income Exempt from Tax- Heads of Income	Theory & Problem
Module 3 - Income from Salary – 30 hours			
3	3.1	Chargeability- Definition – Perquisites- taxable perquisites, tax free perquisites, taxable in case of specified category employees	Theory & Problem
	3.2	Allowances- fully taxable, fully exempted, partly taxable- Profit in lieu of Salary- Deductions from Salary	Theory & Problem
	3.3	Provident Funds and Treatment - Computation of Income from Salary	Theory & Problem
Module IV: Income from House Property – 20 hours			
4	4.1	Basis of Charge - Deemed Ownership- Income from House Property Exempt from Tax	Theory
	4.2	Annual Value and its Determination in Various Cases- Deductions- Unrealised Rent and Recovery of Unrealised Rent and Arrears of Rent	Theory & Problem
	4.3	Computation of Income from House Property	Theory & Problem
Module 5 - Profit and Gains of Business or Profession – 28 hours			
5	5.1	Chargeability – rules for computation of business and professional income- Deductions Expressly Allowed - General Deductions	Theory
	5.2	Depreciation- Block of assets – Computation of allowable depreciation and book value of the block of assets - Expenses/Payments Not Deductible - Expenses Allowed on	Theory & Problem

		Actual Payment Basis Only- Deemed Profits U/S 41	
	5.3	Computation of Profits and Gains of Business or Profession-	Theory & Problem
	5.4	Maintenance of accounts- compulsory audit of accounts- presumptive taxation	Theory

Suggested assignments:

- Calculate the taxable income of various categories of individual assessee like salaried employees, those having profits from business and rental income from House Property.

Suggested readings

- Singhania, Vinod, K., & Singhania Monica, Students Guide to Income Tax, Taxman Publication, New Delhi.
- Mehrotra, H.C., Goyal, S. P., Direct Taxes Law and Practice- Sahithya Bhawan Publications, Agra.
- Gaur, V.P., & Narang, D.B., Direct Taxes- Kalyani Publishers, New Delhi.
- B.B. Lal: Direct Taxes, Konark Publisher (P) ltd, 2010
- Dinakar Pagare: Law and Practice of Income Tax, Sultan Chand and sons.
- Income tax Act 1961

Reference

- Direct Taxes Law and Practice- Singhania V K, Taxmann Publications Ltd.
- Direct Taxes – Law and Practice, Bhagwathi Prasad- Wishwa Prakashana
- Study material for IPCC on Direct Taxation by ICAI.
- Study material on Direct Taxes by ICAI.
- Income Tax Act and Rules

Course code	FM5CRT20
Title of the course	MUTUAL FUNDS - FUNDAMENTALS
Semester	Five
Type	Optional
Credits	4
Hours	5 Hours per week and total 90

Objective of the course: Know the basics of mutual funds, their role and structure, different kinds of mutual fund schemes and their features.

Course Outcome No	Expected Course Outcome	Cognitive level
1	To understand the concept and basic operations of mutual funds	Understand
2	To understand different mutual fund products	Understand
3	To understand the different evaluation methodologies of mutual funds	Understand and apply
4	To understand process associated with mutual funds	Understand
5	To understand Legal & Regulatory Environment associated with mutual funds	Understand

Unit wise arrangement of the Course

Module	Unit No.	Contents of the Unit	Remarks
Module 1 - Introduction to Mutual Funds- 20 Hours			
1	1.1	Origin- Meaning- Features- Basic Types- Concepts and terms related to mutual funds	Theory
	1.2	A Snapshot of Mutual Fund Operations - A Snapshot of Investors' Transactions with Scheme - Mutual Funds – An Investment Solution - Mutual Funds: Multiple Roles	Theory

	1.3	Assets Under Management - New Cadre of Distributors - Advantages of Mutual Funds for Investors - Limitations of Mutual Funds	Theory
	1.4	Fund Structure and Constituents: Legal Structure of Mutual Funds: Mutual fund trust, Sponsor- Trustee, AMC, Custodian - Other Service Providers	Theory
	1.5	Organisation of AMC: Chief investment officer, Security analysts, Security dealers, Chief marketing officer, Chief operations officer, Compliance officer	Theory
Module 2 - Mutual fund products & Performance -20 Hours			
2	2.1	Open-end, Closed-end and Interval Funds - Actively Managed Funds and Passive Funds - Categorisation of Mutual Funds according to SEBI - Types of Equity Schemes - Types of Debt Schemes - Types of Hybrid Funds - Asset Classes: Equity – Debt – Gold - Real Estate	Theory
	2.2	Fund of Funds - Exchange Traded Funds - Real Estate Mutual Funds(REMF) & Real Estate Investment Trusts(REIT) - Venture Capital Funds - Angel Funds - Private Equity Funds - International Funds	Theory
	2.3	Performance of Mutual Funds: Scheme Returns - Investor Returns: Total Returns, Compound Returns - Risks - Risk-adjusted Returns - Scheme Comparison to Benchmark - Historical Returns - Perspectives on Asset Class Returns	Theory & Problems
Module 3 - Process Associated with Mutual Funds - 20 Hours			
3	3.1	Who can Invest in Mutual Funds? - Permanent Account Number (PAN)- Know Your Customer (KYC)- In Person Verification (IPV)- Fresh Purchase of mutual funds units: Purchase of Units in an NFO, Continuous offer period- Additional purchase of mutual funds- Minimum investment amount - Additional Documents for Institutional Investors - Foreign Account Tax Compliance Act (FATCA)	Theory

	3.2	Offer Document: NFO Process, Offer Document, Contents of SID, Contents of SAI, Key Information Memorandum	Theory
	3.3	Payment Instruments for mutual fund purchases: Cheques, drafts, Electronic payment modes, Electronic clearing service(ECS), Application Supported by Blocked Amount (ASBA), M-banking-Unified Payment Interface(UPI), Aadhaar Enabled Payment Service(AEPS), National Unified USSD Platform(NUUP), Cards	Theory
Module 4 - Fund Distribution & Sales Practices -15 Hours			
4	4.1	Distribution Channels - Pre-requisites for Selling Mutual Fund Schemes - Conditions for Empanelment	Theory
	4.2	Transaction Charge- Commission Structures - Nature of Relationship	Theory
	4.3	Regulations Relating to Sales Practices - AMFI Code of Ethics (ACE) and AMFI's Guidelines & Norms for Intermediaries (AGNI)	Theory
	4.4	Internet and Mobile Technologies	Theory
	4.5	Investment Services: Options within a Scheme - Systematic Plans – Triggers - Statement of Account - Consolidated Account Statement (CAS) - Unit Certificate and Demat - Nomination - Pledge - Other Services	Theory
Module V- Legal & Regulatory Environment -15 Hours			
5	5.1	SEBI and Mutual Fund– AMFI - Expense Limits - Investors' Rights - Investors' Obligations - Can a Mutual Fund Scheme Fail?	
	5.2	Regulatory Framework for Real Estate Mutual Funds - Regulatory Framework for Real Estate Investment Trusts	
	5.3	Investment Norms for Mutual Funds - SEBI Norms for Mutual Funds' Investment in Derivatives - SEBI Norms with respect to Changes in Controlling Interest of an AMC - Changes in Mutual Fund Schemes	

	5.4	Ethics and Investor Protection: Code of Conduct - Mis-selling - Safeguards in Mutual Fund Structure - Regulatory Steps for Protecting Investors against Fraud	
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Suggested Assignment:

- Design and create a mutual fund for the class.

Suggested readings:

- Indian Mutual Funds Handbook: A Guide for Industry Professionals and Intelligent Investors, Sundar Sankaran, Vision Books Pvt. Ltd.
- Guide to Indian Mutual Fund, Ankit Gala & Jitendra Gala, Buzzing Stock Publishing House
- Mutual Funds in India: Structure, Performance and ,Rakesh Kumar, Partridge
- Common Sense on Mutual Funds, Bogle John C., John Wiley and Sons Ltd
- Mutual Fund Investing: Comprehensive Beginner's Guide to Learn the Basics and Effective Methods of Mutual Fund Investing,Charlie Evans, Amazon Digital Services LLC
- K.G. Sahadevan and M.Thripairaju: “Mutual funds, data interpretation and Analysis” (Prentice Hall of India)
- R.Gorden and Natarajan: Emerging scenario of Financial Services (Himalaya)
- Fredman and Wiles: How Mutual Funds work (Prentice Hall of India)
- H.Sadhak: Mutual Funds in India. (Response Books)

Additional reference

- NISM-Series-V-B: Mutual Fund Foundation Certification Examination, National Institute of Securities Markets
- NISM-Series-V-C: Mutual Fund Distributors (Level 2) Certification Examination Workbook

Course Code	FM6CRT21
Title of the Course	MANAGEMENT ACCOUNTING
Semester	Six
Type	Core
Credits	4
Hours	5 hours per week and total 90

Objective of the Course: To introduce the students to the different practices and methods of analysis of financial statements for decision making including ratio analysis, fund flow statement and cash flow statement.

Course Outcome No:	Expected Course Outcome	Cognitive Level
1	To acquaint a basic understanding about Management accounting	Understand
2	To familiarize students with different techniques of financial statement analysis.	Understand and Apply
3	To acquaint a practical knowledge on different accounting ratios.	Understand and Apply
4	To familiarize students with the preparation of fund flow statement.	Understand and Apply
5	To acquaint a working knowledge on preparation of cash flow statement.	Understand and Apply

Unit wise arrangement of the course

Module	Sl. No. of Units	Contents of the unit	Remarks
Module 1- Introduction to Management Accounting-10 hours			
1	1.1	Management Accounting : Meaning- evolution- Definition- Nature and characteristics- scope- Objectives- Functions	Theory

	1.2	Distinction between financial accounting and management accounting, distinction between cost accounting and management accounting	Theory
	1.3	Tools of management accounting -Limitations of Management accounting	Theory
Module 2 - Financial Statement Analysis-20 hours			
2	2.1	Financial Statements: Meaning, Types, Nature and limitations of financial statements	Theory
	2.2	Analysis and Interpretation of Financial Statements: Objectives, Importance	Theory
	2.3	Types of Financial Analysis – Internal- External – Horizontal – Vertical	Theory
	2.4	Techniques of Analysis: Comparative Statements – Common Size Statements – Trend Analysis	Theory and Problems
Module 3 - Ratio Analysis -20 hours			
3	3.1	Ratio Analysis –Meaning – Objectives- Importance and Uses – Limitations	Theory
	3.2	Types and classification of Ratios – Liquidity Ratios – Solvency Ratios- Activity Ratios - Profitability Ratios	Theory and Problems
	3.3	Preparation of Trading and Profit and Loss Account and Balance Sheet by using Ratios: Practical Problems	Theory and Problems
Module 4 - Cash Flow Statement- 20 hours			
4	4.1	Cash Flow Statement: Introduction – Meaning – Uses	Theory
	4.2	Comparison between Fund Flow Statement and Cash Flow Statement	Theory
	4.3	Preparation of Cash Flow Statement as per Accounting Standard 3 – Direct Method and Indirect method .	Theory and Problems
Module 5 - Budget and Budgetary Control - 20 hours			

5	5.1	Budget and Budgetary Control- Meaning and Definition- Objectives- Steps in budgetary control- - Budget Manual Budget Committee	Theory
	5.2	Budget key factor- Types of budgets- Advantages and limitations of budgetary control - Zero base Budgeting	Theory
	5.3	Preparation of Cash Budget and Flexible Budget	Theory and Problems

Suggested assignment:

- Using the financial statement of any company of your choice, compute and interpret different accounting ratios.
- Using the financial statement of any two companies of your choice for two years, do an intra firm and inter firm analysis.

Suggested readings:

- Manmohan & Goyal, S.N., Management Accounting, Sahithya Bhawan Publication, New Delhi.
- Lal, Jawahar, Corporate Financial Reporting, Theory & Practice, Taxmann Applied Services, New Delhi.
- J Madegowda, Advanced Management Accounting, Himalaya Publishing House, Mumbai
- Arora, M. N., Cost Accounting and Management Accounting, Vikas Publishing House Pvt. Ltd, New Delhi.
- S P Gupta, Management Accounting, Sahityabhavan, Agra
- Raiyani, J. R., & Lodha, G., International Financial Reporting Standard (IFRS) and Indian Accounting Practices, New Century Publications.
- Pillai R S N and Bagavathi- Management Accounting- S Chand & Company
- Management Accountant (Journal), Institute of Cost Accountants of India, Kolkata.
- Jain, S.P., & Narang, K.L., Advanced Cost Accounting, Kalyani Publishers, New Delhi.

Course code	FM6CRT22
Title of the course	INCOME TAX - II
Semester	Six
Type	Core
Credits	4
Hours	6 hours per week and total 108

Objective of the course: To understand determination of Total Income and tax payable and to get an overview regarding returns to be filed by an individual and also assessment procedure, tax planning etc.

Course Outcome No:	Expected Course Outcome	Cognitive level
1	Able to compute capital gain from long term and short term capital assets	Understand, remember and apply
2	Able to compute income from other sources.	Understand, remember and apply
3	Familiarize students with clubbing of income and set off of losses and computation of total income	Understand, remember and apply
4	Able to compute total income and tax liability of individuals	Understand, remember and apply
5	Understanding about the assessment procedures, TDS and advance payment of tax and application in various situations. Learn tax planning concepts and apply the same	Understand, remember and apply

Unit wise arrangement of the Course

Module	Sl. No. of units	Contents of the unit	Remarks
Module 1 - Capital gains – 25 hours			
1	1.1	Basis of charge - Capital assets - Kinds- Computation of Short term and Long term Capital Gains	Theory & Problem
	1.2	Full Value of Consideration- Cost of acquisition- Cost of improvement	Theory & Problem
	1.3	Computation of Capital Gain in following Special Cases - Conversion of Capital Asset into Stock in Trade, Transfer of Capital Asset by a Partner to a Firm, AOP, BOI, Compensation on Compulsory Acquisition of Assets and also Enhanced Compensation - Right Share and Bonus Shares - Converted Shares/Debentures	Theory & Problem
	1.4	Capital Gains Exempt from Tax - Capital Gains Account Scheme – Computation of Income from Capital Gain- short term capital gain on transfer of equity shares u/s 111A- long term capital gain on transfer of equity shares u/s 112A	Theory & Problem
Module 2 - Income from Other Source – 15 hours			
2	2.1	General and Specific Chargeability- incomes under the head- Kinds of Securities and Grossing up of Interest- Bond Washing Transaction- Deductions Allowed	Theory & Problem
	2.2	tax implications on dividend- profit or loss on sale of securities- Computation of Income under the head Income from Other Source	Theory & Problem
Module 3 - Clubbing of Income, set off of income, Chapter VIA – 25 hours			
	3.1	Clubbing of Income - Aggregation of Incomes	Theory & Problem

3	3.2	Set off and Carry forward of Losses - Order of Set off - Computation of Gross Total Income	Theory & Problem
	3.3	Deductions under Chapter VI A -Payment or Contribution deductions applicable to individuals from Sec 80C to 80GGC and deduction under Sec 80U	Theory & Problem
Module 4 - Assessment of individuals – 25 hours			
4	4.1	Agricultural Income - Partly Agricultural Income - Clubbing of Agricultural Income -	Theory & Problem
	4.2	Assessment of individuals - Computation of Tax (Simple problems are to be worked out based on the coverage of various heads of incomes and provisions learnt. Deductions mentioned in Unit 3.3 alone shall be included for examination purposes)	Theory & Problem
Module 5 - Assessment and tax planning – 18 hours			
5	5.1	Income Tax authorities - Powers and Functions	Theory
	5.2	Types of Return – E- filing of Return - Return through TRP- PAN	Theory
	5.3	Types of Assessment- rectification of mistake- appeals and revision	Theory
	5.4	Tax Deducted at Source- TCS- TAN - A brief study on areas (a) Advance payment of tax (b) Refund (c) Recovery of tax (d) Tax Clearance Certificate	Theory
	5.5	Tax planning -Tax evasion- Tax avoidance- Tax management- tax planning with regard to capital gains	Theory

Suggested assignments:

- Tax planning of assessee having income from salary and capital gain
- Acquire practical knowledge on filing of returns including E-Filing.

- Acquire practical knowledge on the procedure of applying for PAN.

Suggested readings:

- Singhanian, Vinod, K, & Singhanian Monica, Students Guide to Income Tax, Taxmann Publication, New Delhi.
- Gaur, V.P., & Narang, D.B., Direct Taxes, Kalyani Publishers, New Delhi.
- Income Tax Act 1961
- Direct Taxes Law and Practice- Dr H C Mehrotra and Dr S P Goyal- Sahitya Bhawan Publications
- Direct Taxes Law and Practice- Dr. Girish Ahuja ;Dr. Ravi Gupta, Bharat Law House Pvt. Ltd
- Direct Taxes Sri T N Manoharan- Snow White Publications

Reference

- Direct Taxes Law and Practice- Singhanian V K, Taxmann Publications Ltd.
- Direct Taxes – Law and Practice, Bhagwathi Prasad- Wishwa Prakashana.
- Study material for IPCC and Final on Direct Taxation by ICAI
- Study material on Direct Taxes by ICMAI
- Income Tax Act 1961 and Rules 1962

Course code	FM6CRT23
Title of the course	MUTUAL FUNDS- ADVANCED
Semester	Six
Type	Core
Credits	4
Hours	5 Hours per week and total 90

Objective of the course: Know how mutual funds are distributed in the market-place, how specified schemes are to be evaluated and how suitable schemes can be recommended by this cadre of distributors to prospective investors

Course Outcome No	Expected Course Outcome	Cognitive level
1	To understand and evaluate performance of mutual fund	Understand
2	To understand accounting and valuation of mutual funds	Understand and apply
3	To understand investor transaction and investment services	Understand
4	To understand taxation of mutual funds	Understand
5	To understand financial planning in mutual funds	Understand and apply

Unit wise arrangement of the Course

Module	Unit No.	Contents of the unit	Remarks
Module 1- Performance of Mutual Fund - 25 hours			

1	1.1	Fundamental Analysis: Top-down v/s Bottom-up Approach, Ratios, Ratios in Perspective - Technical Analysis: Tools, Fundamental v/s Technical Analysis	Theory
	1.2	Quantitative Analysis - Debt Investment Management: Role of Debt, Interest & Yield, Risks in Debt - Issues for a Debt Fund Manager	Theory
	1.3	Derivatives: Forwards, Futures, Options, Swaps Application of Derivatives: Equity Market, Debt Market, Foreign Currency	Theory
	1.4	Measures of Return: Simple Return, Annualised Return, Compounding of Periodic Returns, Compounded Annualised Growth Rate (CAGR), Load-Adjusted Return, XIRR	Theory
	1.5	Measures of Risk: Standard Deviation, Beta - Benchmarks and Relative Returns	Theory
	1.6	Risk-adjusted Returns: Sharpe Ratio, Sortino Ratio, Treynor Ratio, Jensen's Alpha, Appraisal Ratio, Eugene Fama, Modigliani & Modigliani (M2) - Limitations of Quantitative Evaluation	Theory
Module 2 - Accounting and valuation of Mutual Funds - 15 hours			
2	2.1	NAV and its importance -Calculating net asset value	Theory
	2.2	Valuing the assets of the mutual fund	Theory
	2.3	Financial statements to be prepared by the mutual fund	Theory
	2.4	Accounting principles followed by the mutual funds	Theory
	2.4	Net Asset Value - Investor Transactions - Distributable Reserves - Unique Aspects of Real Estate Schemes Accounting	Theory
	2.5	Valuation of Schemes: Equities – Debt - Non-Performing Assets (NPA) and Provisioning for NPAs - Gold - Real Estate Mutual Funds	Theory
Module 3 - Investor Transaction and Investment Services - 15 Hours			
	3.1	Investment modes- Redemptions from mutual funds - Investor folio - Personnel information - Joint holding - Bank account - Investment of minors - Power of Attorney - Transmission	Theory

3	3.2	Demat Account - Investor's Transactions with the Fund - Payment Mechanism for Re-purchase of Units - Cut-off Time - Time-Stamping - Transactions through Stock Exchange	Theory
	3.3	Procedures in Stock Exchanges: Listed Units, Transaction Engines, Subscription process, Redemption process, time-tables for Subscription Activities, time-tables for Redemption Activities – Redemption Activities	Theory
Module 4 - Taxation of Mutual Funds - 15 - hours			
4	4.1	Taxation of Mutual Funds- Tax on dividend- Tax on capital gains-Security Transaction Tax (STT)- Dividend Distribution Tax (DDT)	Theory
	4.2	Capital Gain Tax: Long Term Capital Gain and Short Term Capital Gain	Theory
	4.3	Taxation of Mutual Fund Schemes - Taxes for AMCs - Taxes for Investors	Theory
Module 5 - Financial Planning in Mutual Funds - 20 hours			
	5.1	Introduction to Financial Planning - Assessment of Financial Goals - Investment Horizon - Assessing Investment Requirement - Financial Planning Objectives & Benefits - Goal Oriented Planning and Comprehensive Financial Plan	Theory
	5.2	Financial Planning Steps - Life Cycle - Wealth Cycle - Risk Profiling - Asset Allocation - Model Portfolios - Contingency Funds	Theory
	5.3	Model Portfolio building- Tracking mutual fund schemes	Theory
	5.4	Scheme Selection - Selecting Options within a Scheme - Sources of Data to Track Mutual Fund Schemes - Financial Planning Tools	Theory
	5.5	Importance of Systematic Transactions: Systematic Investment Plans (SIP), Systematic Withdrawal Plan (SWP), Systematic Transfer Plan (STP)-Trigger option Switch	Theory

Suggested assignment:

- Evaluate and account the mutual fund created in Vth semester

Suggested readings:

- Indian Mutual Funds Handbook : A Guide for Industry Professionals and Intelligent Investors, Sundar Sankaran, Vision Books Pvt. Ltd.
- Guide to Indian Mutual Fund ,Ankit Gala & Jitendra Gala, Buzzing Stock Publishing House
- Mutual Funds in India: Structure, Performance and ,Rakesh Kumar, Partridge
- Common Sense on Mutual Funds, Bogle John C., John Wiley and Sons Ltd
- Mutual Fund Investing: Comprehensive Beginner's Guide to Learn the Basics and Effective Methods of Mutual Fund Investing,Charlie Evans, Amazon Digital Services LLC
- V.K. Avadhani: Marketing of Financial Services (Himalaya)
- R.Gorden and Natarajan: Emerging scenario of Financial Services (Himalaya)
- Fredman and Wiles: How Mutual Funds work (Prentice Hall of India)
- H.Sadhak: Mutual Funds in India. (Response Books)

Additional reference

- NISM-Series-V-B: Mutual Fund Foundation Certification Examination, National Institute of Securities Markets.
- NISM-Series-V-C: Mutual Fund Distributors (Level 2) Certification Examination Workbook

Course Code	FM6CRT24
Title of Course	FINANCIAL PLANNING
Semester	Six
Type	Core
Credit	3
Hours	4 hours per week and total 72

Objective of the course: To familiarize students with the financial planning process as an aid to make sound financial decisions in personal life and to be an adviser in their career.

Course Outcome No.	Expected Course Outcome	Cognitive Level
1	Understand the concept and importance of financial planning	Understand
2	Understand and evaluate financial planning process	Understand and Apply
3	Examine the role of asset allocation and investment strategies	Evaluate and Apply
4	Develop strategies and techniques to manage the funds for retirement and during the retirement life	Understand and Apply
5	Familiarize the concept and the tools for estate planning	Understand and Apply

Unit wise arrangement of the course

Module	Unit No	Contents of unit	Remarks
Module 1 - Concept of Financial Planning - 12 hours			
1	1.1	Financial Planning-Introduction-Meaning and Significance	Theory
	1.2	Need & Scope of financial planning and advisory services- Elements of financial planning and advisory services- Personal financial analysis- Debt counseling- Insurance Planning- Investment Planning and Asset Allocation- Tax Planning- Estate Planning	Theory

	1.3	Financial Advisory and Execution- Business models in the delivery of financial advice- Fee-only financial planners and advisers- Fee-based financial planners and advisers- Execution only services- Wraps and platforms	Theory
	1.4	Understand assets, liabilities and net worth in a household-Financial Assets and Non-financial assets-Attributes of various asset classes-Risk –Liquidity-Return-Long term debt and Short term debt-Loans –Credit cards-Hire Purchase-Leasing-Mortgage	Theory
	1.5	Personal Financial Statement Analysis-Cash inflows and outflows-Income and Expenditure statement-Budgeting and forecasting-Monitoring budgets and provision for savings-Personal Balance sheet	Theory
Module 2-Financial Planning Process – 15 hours			
2	2.1	Financial Planning Process: Client-planner relationship- Gather Client’s Information- Analysis and Evaluation of Clients financial status- Develop and present financial planning recommendations- Implement the financial planning recommendations- Monitor and review the financial planning recommendations	Theory
	2.2	Personal Financial Planning: Evaluating the financial position of clients- Preparing Personal and Household Budget- Analysis of Household Budget- Contingency Planning- Estimating Financial Goals- Tax planning	Theory
	2.3	Insurance Planning: Need and Role of Insurance in Personal Finance- Steps in Insurance Planning- Life and Non-life insurance products - Fundamental Principles of Insurance - Utmost good faith (Uberrimae Fidei) - Insurable interest - Role of Insurance Advisor	Theory
	2.4	Philanthropy - Comprehensive Financial Planning	
Module 3 - Asset Allocation and Investment Strategies -20 hours			
	3.1	Asset Classes-Broad Asset Class- Equity-Debt- Cash-Precious Metals-Asset Allocation	Theory

	3.2	The role of debt - Financial pressures from debt - Debt Counseling	Theory
	3.3	Calculating the debt servicing requirement - Investments for Liquidity and Financial Goals	Theory
	3.4	Prioritizing Financial Goals - Risk Profiling	Theory
	3.5	Portfolio Construction - Asset Allocation Linked to Financial Goals- Asset Allocation Linked to Life Cycle Stages- Portfolio Objectives and Constraints-	Theory
	3.6	Practical Asset Allocation and Rebalancing Strategies- Strategic Asset Allocation- Tactical Asset Allocation -Dynamic Asset Allocation	Theory
	3.7	Model Portfolios for Conservative, moderate and Aggressive investors	Theory
	3.8	Portfolio Monitoring and Re-balancing	Theory
Module 4 - Retirement Planning - 15 hours			
4	4.1	Introduction to retirement planning- the accumulation stage and the distribution stage- Need for retirement planning-Factors considered in retirement planning	Theory
	4.2	Estimating the Retirement Corpus - Estimating Income Requirement - Determining the Retirement Corpus - Saving & Investment Plan to Create Retirement Corpus	
	4.3	Retirement Products-Defined Benefit (DB) plans or Defined Contribution (DC) plans.	Theory
	4.4	Investment Products in the Accumulation Stage-Mandatory-EPF-Employee Pension Scheme-Employee Deposit-Linked Insurance Scheme-Gratuity-Superannuation Benefit-National Pension System (NPS) for Government Employees	Theory

	4.5	Investment Products for the Distribution Stage- Annuity-Senior Citizens' Saving Scheme (SCSS)- Post Office Monthly Income Scheme (POMIS)- Monthly income plans (MIPs)- Other Schemes of Mutual Funds-Bank Deposits & Other Deposits-Debentures and Bonds-Income from Real Estates-Reverse Mortgage	Theory
Module 5 - Estate Planning - 10 hours			
	5.1	Estate Planning- Meaning- Estate and Intestate-Purpose/Need for estate planning- Succession- Elements of estate planning	Theory
5	5.2	Estate planning tools-Will- Characteristics and Contents of will-Types of will-Registration of will-Probate -Nomination -Trust- Characteristics & Classification-Power of attorney-Use and Purpose- Types of POA-General POA-Specific POA- Mutation - Joint holding-Gift-Family settlement	Theory

Suggested assignments:

- Draft a financial plan for individual investors according to their need with different profiles by age, income, sex, occupation and region.
- Draft a financial plan for yourself and own family according to your present status.

Suggested readings:

- Personal Finance by Jack R. Kapoor, Les R. Dlabay and Robert J. Hughes, Tat McGraw-Hill Publishing Company Ltd. New Delhi.
- Financial Education by Reserve Bank of India – rbi.org.
- Internet Sources- BSE, NSE, SEBI, RBI, IRDA, AMFI etc.
- NISM-Series-X-A: Investment Adviser (Level 1) Certification Examination
- NISM-Series-X-B: Investment Adviser (Level 2) Certification Examination

Choice Based Core Courses

Any one of the following two courses can be selected in Semester 6

Course Code	FM6CBT01
Title of Course	BUSINESS ETHICS & CORPORATE GOVERNANCE
Semester	Six
Type	Core - Choice Based
Credit	4
Hours	5 Hours per week total 90

Objective of the course: The objective of this paper is to familiarize the students with various concepts, practices and importance of business ethics, corporate governance and CSR.

Course Outcome No	Expected Course Outcome	Cognitive Level
1	To have a basic knowledge of ethics and the role of business ethics in the day-to-day working of business organizations	Understand
2	To have a very good understanding about Corporate Governance and its importance	Understand and Apply
3	To familiarize the issues involved in maintaining ethics and how to deal with such situations	Understand ,Evaluate and Apply
4	To understand and evaluate organizational structure for CSR ,its importance and the regulators of CSR	Understand and Evaluate
5	To have an understanding of the legal aspects of CSR	Understand and Apply

Unit wise arrangement of the course

Module	Unit No	Contents of unit	Remarks
Module 1- Introduction to Business Ethics - 20 hours			

1	1.1	Ethics- Principles of Personal Ethics - Principles of Professional Ethics -Meaning and Concept of Business Ethics	Theory
	1.2	Distinction between Values and Ethics - Morality and Spirituality - Business Approaches to Business Ethics	Theory
	1.3	Ethical Standards in Business - Ethical Foundations of Business - Significance of Ethics and Values in Business	Theory
	1.4	Theories of Business Ethics - Normative Theories and Ethical Theories.	Theory
	1.5	Business Ethics and Functional Areas- HRM - HR related ethical issues - Role of HRM in building an ethical organization- Marketing - Areas of marketing ethics - Accounting and finance - Essence of accounting ethics- Ethics and market structure- Perfect competition – Oligopoly-Monopoly.	Theory
Module 2 - Corporate Governance - 20 hours			
2	2.1	Corporate governance: concept- need to improve corporate governance –standards- Features of good governance	Theory
	2.2	Corporate governance abuses- Role played by regulators to improve corporate governance-Different Approaches to Corporate Governance- Leadership and Corporate Governance- Different models of Corporate Governance	Theory
	2.3	Landmarks of Corporate Governance- Rights and Privileges of shareholders- Investor’s Problem and protection	Theory
	2.4	Corporate Governance and Other Stakeholders: Board of Directors- Role, Duties and Responsibilities of Auditors-Bank and Corporate Governance	Theory
	2.5	Business Ethics and Corporate Governance.	Theory
Module 3 - Moral Issues in Business -20 hours			
	3.1	Importance of moral issues and reasoning- Principles of moral reasoning-Quality of work life-implications of moral issues in	Theory

3		different functional areas of business like finance, HR and marketing	
	3.2	Whistle blowing: Kinds of whistle blowing-Blowing as morally prohibited, Whistle blowing as morally permitted, Whistle blowing as morally required, precluding the need for whistle blowing.	Theory
	3.3	Marketing truth and advertising: Marketing- Advertising-Truth and advertising- Manipulation and coercion-Allocation of moral responsibility in advertising	Theory
	3.4	Trade secrets-corporate disclosure-insider trading- Accounting finance - corporate takeovers-Accounting finance and banking-corporate restructuring and takeovers-Discrimination, affirmative action and reverse discrimination-Equal employment opportunity, Affirmative action, Preferential hiring	Theory
	3.5	Environmental protection: Safety and acceptable risk, Environmental harm- Pollution and it's control,-Product safety and corporate liability-strict liability	Theory
Module 4 Corporate Social Responsibility – 15 hours			
4	4.1	Meaning- Evolution of corporate social responsibility- Limits of corporate social responsibility-Voluntary responsibility Vs. Legal requirements -Profit maximization vs. social responsibility	Theory
	4.2	Socially Responsive Management: Strategies of response-formulating socially responsive strategies- Implementing social responsiveness- making a social strategy work -Conceptual framework of social responsibilities of business-SWOT analysis for evaluating organizational framework for discharging social responsibility, Financial incentives for social responsibility, Role of self-regulation in discharge of social responsibility.	Theory
Module 5 - Legal Aspects of CSR - 15 hours			
5	5.1	Concept of Corporate Philanthropy- CSR - Corporate Sustainability - Environmental Aspects of CSR- Drivers of CSR	Theory

	5.2	CSR Provisions under the Companies Act 2013- CSR Committees- CSR Reporting - CSR Models	Theory
	5.3	Codes and Standards on CSR-Global Reporting Initiatives-ISO 26000 - Prestigious Awards for CSR.	Theory

Suggested assignment:

- Identify and learn the CSR practices of any two prominent multinationals in our country.
- Case studies on CSR

Suggested readings:

- Velasquez Manuel G: Business ethics- concepts and cases, PHI.
- Fernando A.C.: Business Ethics – An Indian Perspective, Pearson.
- Crane Andrew & Matten Dirk: Business Ethics, Oxford.
- Fernando A.C.: Business Ethics – An Indian Perspective, Pearson.
- Fernando, A.C., Business Ethics and Corporate Governance, Pearson, New Delhi
- Francis, Ronald & Mishra, Muktha, Business Ethics: An Indian Perspective, Tata McGraw Hill Pvt Ltd, New Delhi
- Gupta, Ananda Das, Business Ethics, Springer India, New Delhi
- Sharma, J.P., Corporate Governance, Business Ethics, and CSR, Ane Books Pvt Ltd, New Delhi.
- Ghosh, B.N., Business Ethics and Corporate Governance, Tata McGraw Hill Pvt Ltd, Delhi.

Course Code	FM6CBT02
Title of Course	CURRENCY DERIVATIVES & INTEREST RATE DERIVATIVES
Semester	Six
Type	Core - Choice Based
Credit	4
Hours	5 Hours per week total 90

Objective of the course: To familiarize the students with the derivative markets and its evolution, compare and evaluate the performance of different forward, futures and options contracts and understand the various future and option pricing models.

Course Outcome No	Expected Course Outcome	Cognitive level
1	To understand basic concept of Currency Markets & Foreign Exchange Derivatives	Understand
2	To understand the trading environment and Strategies in Currency Futures	Understand
3	To understand and device Currency Options strategies	Understand and apply
4	To understand basic concept of Interest Rate Derivatives	Understand
5	To understand the environment, trading process & settlement of Interest Rate Derivatives	Understand

Unit wise arrangement of the Course

Module	Sl. No of Units	Contents of the Unit	Remarks
Module 1 - Currency Markets & Foreign Exchange Derivatives – 15 Hours			

1	1.1	Currency Markets - Brief history of foreign exchange markets - Major currency pairs - Overview of international currency markets - Basics of currency markets and peculiarities in India - Settlement date or Value date - OTC forward market - Exchange rate arithmetic- cross rate - Impact of economic factors on currency prices - Economic indicators	Theory
	1.2	Foreign Exchange Derivatives - Derivatives - Definition - Derivative products - Growth drivers of derivatives - Market players - Key economic function of derivatives - Financial market stability: Exchange-traded vs. OTC derivatives	Theory
	1.3	Exchange Traded Currency Futures - Currency futures - Definition - Futures terminology - Rationale behind currency futures - Distinction between futures and forward contracts - Interest rate parity and pricing of currency futures	Theory
Module 2 - Trading & Strategies in Currency Futures – 20 Hours			
2	2.1	Strategies Using Currency Futures - Market participants - Computing payoffs from a portfolio of futures and trade remittances - Using currency futures for hedging various kinds of FX exposures	Theory
	2.2	Use of currency futures by speculators - Use of currency futures by arbitrageurs - Trading spreads using currency futures - Limitations of currency futures for hedgers	Theory
	2.3	Trading in Currency Futures - Currency futures contract specification - Other terminologies with respect to contract specifications - Trader workstation screen (TWS) - Entities in the trading system - Types of orders - Price Limit Circuit Filter - Rules, Regulations and Byelaws of Exchange	Theory
	2.4	Clearing, Settlement and Risk Management in Currency Futures - Clearing vs. Settlement - Clearing entities - Clearing mechanism - Regulatory guidelines on open position limits - Settlement mechanism - Risk management measures - Margin requirements - Mark-to-Market Settlement - Margin collection and enforcement - Periodic Risk Evaluation Report – Surveillance - Unique Client Code (UCC)	Theory
Module 3 - Currency Options strategies – 20 Hours			
3	3.1	Exchange Traded Currency Options - Options – Definition, basic terms - Difference between futures and options - Options in financial market - Style of options - Moneyness of an option - Basics of option pricing and option Greeks	Theory
	3.2	Option pricing methodology - Option pay offs - Uses of currency options - Contract Specification of Option Contracts	Theory

	3.3	Option strategies - Vanilla options - Buying a call option or going long call option - Selling a call option or going short on call option - Buying a put option or going long put option - Selling a put option or going short on put option	Theory
	3.4	Moderately bullish or bearish View - Bull call spread - Bull put spread - Bear put spread - Bear call spread, Range bound view on USDINR or a break out view - Short Strangle - Short Straddle - Long Butterfly, Strategies complimenting existing position in futures market - Covered call - Covered put - Protective call - Protective put, Break out view of USDINR - Long Strangle - Long Straddle - Short butterfly	Theory
Module 4 - Interest Rate Derivatives - 15 Hours			
4	4.1	Interest Rate: Concept - Risk-Free Rate versus Risky Rate - Nominal vs. Real Interest Rate - Term Structure of Rates: Shapes - Term Structure of Rates: Shifts - Conversion of Rate into Amount - Accrued Interest	Theory
	4.2	Return Measure: Spot Rate - Coupon, Current Yield and Yield-To-Maturity - Spot Rate, Bond Price and YTM - Risk Measures for Debt Securities	Theory
	4.3	Derivatives: Definition and Economic Role - Interest Rate Derivatives - OTC versus Exchange traded Derivatives - Interest Rate Derivatives Market in India	Theory
Module 5 – Trading & Settlement of Interest Rate Derivatives - 20 Hours			
5	5.1	Contract Specification – Contract underlying - Contract Amount (or Market Lot) - Contract Months, Expiry/Last Trading Day and Settlement Day - Price Quotation, Tick Size and Trading Hours - Daily Settlement Price (DSP) - Final Settlement Price (FSP) - Delivery under physical settlement	Theory
	5.2	Trading, Clearing, Settlement and Risk Management of Interest Rate Derivatives - Operational Guidelines of Exchanges - Order Types and Execution - Spread Orders - Margining and Mark-To-Market - Clearing and Settlement - Procedure for Delivery	Theory
	5.3	Role of Various Regulators - Restrictions on Resident and Non-Resident Investors - Limits on Open Interest - Regulatory Reporting - Role of FIMMDA in Fixed Income and Derivatives Markets in India - Accounting	Theory
	5.4	Trading Strategies of Interest Rate Derivatives - Hedging Strategies of Interest Rate Derivatives - Basis Risk, Yield Curve Spread Risk and Market Liquidity Risk	Theory

Suggested Assignment:

- Identify any 5 currency and evaluate its movement in futures and options segment. Also develop few option trading strategies and check its effectiveness in different scenarios.
- Devise your own trading/hedging strategies which can be applied with different interest rate derivatives and check its effectiveness.

Suggested References/Readings:

- Workbook for NISM-Series-IV: Interest Rate Derivatives Certification Examination
- Workbook for NISM-Series-I: Currency Derivatives Certification Examination
- NISM-Series-VIII: Equity Derivatives Certification Examination Workbook
- Currency Derivatives: Pricing Theory, Exotic Options, and Hedging Applications by David F. DeRosa – Wiley Publication
- Mastering Derivatives Markets - A Step-by-Step Guide to the Products, Applications and Risks By Francesca Taylor 2012 - Pearson Education Limited
- Managing Currency Risk Using Financial Derivatives By John J. Stephens – Wiley Publication
- Interest Rate Derivatives, A Practical Guide to Applications, Pricing and Modelling By Todd James - Risk Books
- Interest Rate Derivatives Explained Products and Markets By Jörg Kienitz - Palgrave Macmillan
- Pricing and Trading Interest Rate Derivatives A Practical Guide to Swaps – by J. H. M. Darbyshire - Aitch & Dee Limited

OPEN COURSE OFFERED IN SEMESTER FIVE

Course code	FM5OPT01
Title of the course	INVESTMENT MANAGEMENT AND FINANCIAL MARKETS
Semester	Five
Type	Open Course
Credits	3
Hours	4 Hours per week and total 72

Objective of the Course:

The course is intended to provide awareness to the student regarding the process of investment, various avenues available for investment with special thrust to financial market investment.

Course Outcome

Course Outcome No.	Expected Course Outcome	Cognitive Level
1	Familiarize students with the elementary aspects of Investment	Understand
2	Understand the concept of Financial System and Financial Market	Understand
3	Get acquit with the Primary Market and the various methods of new issue.	Understand
4	Enable the students to understand secondary markets and the issues related with listing and trading of securities	Understand
5	Familiarize students with additional investment avenues	Understand

Unit wise arrangement of the course

Module	Sl. No of Units	Contents of the Unit	Remarks

Module 1 – Investment Process -12 Hours			
1	1.1	Investment- Meaning- Savings and Investment- Need for investment- Considerations of a good investment programme	Theory
	1.2	Risks involved in investment- Risk and Return information	Theory
	1.3	Gambling vs Investment- Speculation vs Investment	Theory
	1.4	Various Types of investment – Financial Assets and Physical Assets	Theory
	1.5	Various sources of investment information- Need for information	Theory
Module 2 – Financial System and Financial Markets -15 Hours			
2	2.1	Financial System- Role and Functions- Components of Financial System	Theory
	2.2	Interaction among components- Financial Markets- Money Market – Meaning and features- Constituents of money market	Theory
	2.3	Various Money Market Instruments like Commercial Papers, Certificate of deposits, Repos etc.- Money Market in India- Role of RBI in money market	Theory
	2.4	Capital Market- Meaning and importance- Capital Market Instruments	Theory
	2.5	SEBI- Establishment and Objectives of SEBI- Powers of SEBI- Functions of SEBI	Theory
	2.6	Various Financial Institutions involved in Financial Markets	Theory
Module 3 – Primary Markets-15 Hours			
3	3.1	Primary Markets- Meaning of New Issue Market- Functions of New Issue Market	Theory
	3.2	Methods of new issue- IPO and process- FPO- ASBA- Green shoe option- Book Building – ESOP- Various intermediaries in New Issue Markets-	Theory
	3.3	Underwriting- Meaning and Importance- Types of underwriting –Qualified Institutional Buyers	Theory

Module 4 – Secondary Market -18 Hours			
4	4.1	Stock Exchange-Meaning - Role and Importance- Functions of Stock Exchange-Major Stock Exchanges in India	Theory
	4.2	Listing in Stock Exchanges- Process of listing- Advantages of listing- Members of Stock Exchange	Theory
	4.3	Methods of trading in Stock Exchanges- Online Trading system- Dematerialisation of shares- Depository system	Theory
	4.4	Speculation in stock markets- Types of speculators- Various speculative transactions in stock market- Insider trading and consequences- Stock Market Index- Meaning and Importance- Preparation of Stock Market Index	Theory
Module 5 – Additional Investment Avenues-12 hours			
5	5.1	Alternate Forms of Investments- Features and considerations involved in various avenues of investment	Theory
	5.2	Bank Deposits- Insurance Policies- Post office Savings Deposits	Theory
	5.3	Public Provident Fund – Real Estate Investments- Gold and precious metals- antiques- Chit	Theory
	5.4	Funds- Mutual Funds- Meaning and Importance of mutual fund- Major Types of mutual funds	Theory

Suggested Assignment

- Assignment based on Values of various stocks traded in Exchanges, Stock market indices etc.
- Comparative table preparation on various investment forms , their returns etc.

References

1. Preethi Singh – Investment management -Himalaya Publishing House
2. V.K.Bhalla – Investment management. S.Chand and Company, New Delhi
3. V A Avadhani- Investment Management- Himalaya Publishing House
4. Khan, M.Y., Indian Financial System, Tata McGraw Hill, New Delhi
5. Guruswami, S., Capital Markets, Tata McGraw Hill, New Delhi

6. E Gordon and K Natarajan- Financial Markets and Services- Himalaya Publishing House
7. Siddartha Sankar Saha- Indian Financial System- Financial Markets, Institutions and Services- McGraw Hill
8. F C Sharma- Financial Market Operations- Sahithya Bhawan Publications

GUIDELINES FOR INDUSTRIAL TRAINING - FM4OJP01

During the second year of study, students have to undergo 'Industrial Training' in an organisation which is in the financial sector. The 'Industrial Training' will provide an excellent opportunity to all students to have a first-hand experience and exposure in the working of financial markets. This way, the students will get to know the actual applications of all theoretical concepts in real life situation. Therefore, all students should put in their sincere efforts to complete the industrial training diligently and sincerely and without any irregularity. The industrial training can be arranged either after the second semester or third semester. The report has to be submitted by each student at least four weeks before the commencement of fourth semester examinations. The report shall contain the certificate from the organization.

Following are further details:

- Evaluation – 4th Semester
- Mode of Evaluation – Internal
- Credits allotted: 2
- Period of Industrial training: Minimum 14 days- Maximum 30 days.
- Internal and Industry Mentor: Every student should be individually mentored by [1] internal mentor who are teachers from the respective college and [2] Industry mentor who is the manager/in-charge of the industry. The mentoring teacher (internal mentor) should have sufficient interaction with the industry mentors to ensure the effectiveness of industrial training.
- Final Report: A report of the 'Industrial Training' mentioning the Company Description, Job Description, Analysis of Job done, Learning outcomes, Internal and external mentors' feedback and other relevant matters should be submitted within 4 weeks before the commencement of Fourth Semester Examinations.
- The evaluation shall be in Internal Mode with the following break up:

Work done as presented in the report	30
Arrangement of the report	30

Punctuality in Submission	10
Viva	30

The marks for work done shall be finalised by the Internal Mentor and HoD and consideration shall be given for the feedback of the industrial mentor. The Evaluation shall be done by a Board comprising of HoD and Internal Mentor. The department may however invite teachers from other colleges for conducting viva and evaluation.

GUIDELINES FOR PROJECT AND VIVA- FM6PRP01

All students are to do a project in the area of core courses. The area has to be identified sufficiently earlier and report has to be submitted at least two weeks before the commencement of Sixth Semester End Semester Examinations.

This project can be done individually or in groups (not more than five students) which may be carried out applying primary data or secondary data or both. The Project work has to be done under the supervision and guidance of a faculty member.

The report of the project in duplicate is to be submitted in English with not less than 30 pages (Printed in A4 size paper) to the Department at the sixth semester and are to be produced before the examiners appointed by the University.

External Project Evaluation and Viva / Presentation are compulsory and will be conducted at the end of the Programme.

Structure of the Report

- Title Page
- Declaration by the student
- Certificate from the guide
- Acknowledgements
- Contents

Suggestive Chapterization

- Chapter I: Introduction (Research problem, Objectives of the study, methodology etc)
- Chapter II: Review of Literature/Conceptual Framework
- Chapter III: Data Analysis
- Chapter IV: Summary /findings/ Recommendations
- Appendix (Questionnaire, Specimen copies of forms, other exhibits etc).
- Bibliography

Evaluation of the Project Report.

The project report shall be subject to **Internal and External Evaluation** followed by a **Viva-voce**.

- Internal Evaluation is to be done by the supervising teacher and external evaluation by an examiner appointed by the University and the Head of the Department or his nominee.
- A viva voce related to the project work will also be conducted by the external evaluation board consisting of an examiner appointed by the University as chairman and the Head of the Department or his nominee as member. The students have to attend the viva voce individually. Grades are to be awarded to the students combining the internal evaluation, external evaluation and viva voce.

Components of External

Evaluation of Project / Dissertation (External)	Marks
Relevance of Topic	10
Statement of Objectives	5
Methodology	10
Presentation of Facts and Figures	5
Quality of Analysis and Findings	15
Bibliography	5
Viva-Voce (External) -	30
Total	80

Components for Internal Evaluation of Project (20 marks)

Punctuality	5
Experimentation/Data Collection	5
Knowledge(Based on individual assessment)	5
Report	5
Total	20

Industrial Visit /Study Tour-

An industrial visit cum tour for three to five days form part of the course of study for regular students during the programme and a report of the same shall be prepared and submitted to the department. The IV and study tour can be organized in a particular semester or spread over semesters as per the arrangement of the departments.