



**SYLLABUS UNDER CBCS CURRICULUM OF
B.COM (FINANCIAL MARKET OPERATION)
HONOURS (SELF FINANCING) PROGRAMME
w.e.f. Academic Year - 2025 - 26**

**FOR UNDER GRADUATE COMMERCE SELF FINANCING
PROGRAMME
AS PER RANCHI UNIVERSITY RULES & REGULATION**



[Handwritten signatures and names:]

R. K. Dixit



Department of Commerce Self Financing & Vocational Studies
St. Xavier's College, Ranchi

(An Autonomous College Affiliated to Ranchi University, Ranchi)

Ref. No.: FMO/2025

Date: 8th November 2025

The meeting of the Board of Studies held today i.e. 8th November 2025 at 11.30 am at the Conference Hall of the Department to finalize the syllabus of three years undergraduate programme of B.Com. (Financial Market Operation) Honors under the new CBCS Credit System which is effective from academic session of 2025 -28 as per the directions of Ranchi University, Ranchi

Sl No	Members Name of the Board of Studies	Status of the Board Member	Signature
1	Prof. Gautam Rudra, H.O.D. - Department of Commerce Self Financing & Vocational Programs, St. Xavier's College, Ranchi	Chairperson	
2	FCMA. Ajay Deep Wadhwa, Rt. General Manager - Finance Central Coal Fields Ltd., Ranchi	University Representative	
3	Prof. (Dr.) Pinaki Ghosh, Associate Professor, Xavier Institute of Social Sciences (XISS), Ranchi	Post Graduate Alumnus	
4	Prof. (Dr.) Somnath Mukherjee, Sr. Assistant Professor, Birla Institute of Technology, Mesra, Ranchi	Academic Experts	
5	Prof. (Dr.) Harmeet Kaur, Associate Professor, Dean - Faculty of Commerce & Management, Jharkhand Rai University, Ranchi	Academic Experts	
6	Shri Saswat Mazumdar, Sr. Branch Manager, Reliance Nippon Life Insurance Co. Ltd., Ranchi, Jharkhand	Industry Experts	
7	Prof. (Dr.) Kaushik Dutta, Assistant Professor, Department of Commerce Self Financing & Vocational Programs, St. Xavier's College, Ranchi	Internal Member	
8	Prof. Nidhi Arya, Assistant Professor, Department of Commerce Self Financing & Vocational Programs, St. Xavier's College, Ranchi	Internal Member	
9	Prof. (Dr.) Rakesh Kumar Dixit, Assistant Professor, Department of Commerce Self Financing & Vocational Programs, St. Xavier's College, Ranchi	Internal Member	
10	Prof. (Dr.) Shakil Anwar Siddique, Assistant Professor, Department of Commerce Self Financing & Vocational Programs, St. Xavier's College, Ranchi	Internal Member	
12	Prof. Fabian Anuranjan Tete, Assistant Professor, Department of Commerce Self Financing & Vocational Programs, St. Xavier's College, Ranchi	Internal Member	
13	Prof. Hussain Ahmed, Assistant Professor, Department of Commerce Self Financing & Vocational Programs, St. Xavier's College, Ranchi	Internal Member	
14	Prof. (Dr.) Deependra Kumar Sinha, Assistant Professor, Department of Commerce Self Financing & Vocational Programs, St. Xavier's College, Ranchi	Internal Member	

Minutes of the Meeting:

All the members discussed in details thoroughly all the important point of the syllabus and unanimously this syllabus is approved with some changes for the three year undergraduate programme as per CBCS regulations of Ranchi University applicable from academic session 2017-20 and subsequently amended on 2019 to include one more GE papers in 1st to 4th semester of the programme. All regulations in related to composition of marks for the non-practical & practical papers, promotion and Credits of courses are to be followed as per the CBCS regulations of the Ranchi University, Ranchi.

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Programme Outcomes (PO) for B. Com (Financial Market Operation)

Mission: To offer high quality management programme that equip students with right knowledge, skills and attitudes required to succeed in a dynamic world.

- **Knowledge:** the right knowledge implies relevant contemporary and cutting-edge knowledge obtained through research and practiced which empowers students to think and act independently, creatively and ethically.
- **Skills:** The right skills enable students to think through complex problems, analyze them critically and find solutions quickly in a changing business environment.
- **Attitudes:** The right attitudes help students put their thoughts, feelings, behaviors' and actions in place while handling tough situations.

Vision: To be a leader in management education through industry focused curriculum, case based learning

PO1-Critical Thinking: By the end of the programme students are expected to act intellectually such that they are able to take informed actions after identifying the assumptions that frame our thinking and actions, checking out the degree to which these assumptions are accurate and valid, and looking at the ideas and decisions from different perspectives.

PO2-Effective Communications: By the end of the programme students are expected to possess good communication skills that are the cornerstone of any successful verbal and written communication required for the higher studies and jobs.

PO3-Special Interaction: At the end of the programme students are expected to have an insightful perspective towards difference in gender race, class, and disability and are able interact with each social entity in the most amicable way.

PO4- Community engagements: By the end of the programme students are expected to be continuously involved with their local community and contribute through their knowledge and skills towards the upliftment of the society and the country as a whole.

PO5-Ethics: At the end of the programme students are expected to have high ethical standards in terms of their work, social structure, family and their role responsibilities.

PO6-Environment & Sustainability: By the end of their programme students are expected to be aware of environmental issues and contribute towards sustainable developments of locality, society and nation as a whole.

PO7-Self-directed and Lifelong learning: By the end of the programme students are expected to be in a mental state such that they are able to cope with the dynamic socio technological changes and are motivated to learn and contribute towards self, social and national developments.

PO8-Teamwork: By the end of the programme students are expected to have an outstanding team skill which is much needed to create synergy in society and at the work place.

PO9-Employability: By the end of the programme students are expected to possess the necessary skills to become highly employable in the industry of their choice.

PO10-Initiative & Leadership: By the end of the programme students are expected to demonstrate initiative and leadership skill required for self, social, organization and nation's development.

PO11-Demonstrate Mastery in Analytics: Demonstrate the ability to identify a business situation from the stated information, assess the statistical techniques and the software applications required to model the same, and interpret the subsequent results to assist in effective decision making.

PO12-Sensitivity towards Global Perspective: Understand and imbibe information related to global business modules, brands strategies, and thereby assess global practices against localized customizations to better global presence within local settings and vice versa.

Programme Specific Outcomes (PSO) for B. Com (Financial Market Operation)

PSO 1: Students can get the knowledge, skills and attitudes after completion of BFMO programme.

PSO 2: Students will be able to do their higher education and can make research in the field of Financial Services, Investments, Stock markets, Security Analysis and Derivatives.

PSO 3: Students will acquire the knowledge, skill in different areas of communication, decision making, innovations and problem solving in day to day business activities especially in Financial Market.

PSO 4: Students are able to prove themselves in different professional exams like CFA, FRM, CTEP, MPSC, UPSC as well as other courses.

PSO 5: Demonstrate various skills set pertaining to disciplines of finance, accounting, investment, banking, insurance, portfolio management, security analysis, stock market, derivatives market, economics, communication and law etc.

PSO 6: Apply the knowledge of compliance & due diligence, fundamental and technical analysis in designing optimal portfolio mix.

PSO 7: Understand the benefit of Risk and Portfolio Management through application of different investment theories and models, to evaluate various investment avenues.

PSO 8: Make use of practical skills to work as Wealth Advisor, Business Valuer, Risk manager, Financial Planner, Consultant, Mutual Fund Distributor and other finance and investment related jobs.

PSO 9: Use mathematical, analytical, statistical and information technology tools pertaining to research and finance.

PSO 10: Understand the importance of social, environmental, human rights, professional ethics and other critical issues faced by humanity at the local, national and international level.

Programme Pedagogy for B. Com (Financial Market Operation)

- Classroom lecture with multimedia system.
- Comprehensive discussion of topics.
- Studio and workshop practice.
- Outcome based learning.
- Market Survey & Market Research
- Live workshops in the presence of industry experts.
- Task assignments through team work
- Summer and winter internship in the respective areas for gaining practical knowledge.
- Collaborative learning System with industry experts & trainers.
- Lecture from industry experts & industrial exposure visit.
- Technical delivery through comprehensive practical and simulation practices.
- Student's presentation and feedback and evaluation by industrial experts.
- Case studies and interpretation.
- Organizing "Know Your Corporate" programmes.
- Panel discussion with industry experts.
- Encourage to write Research paper on the different subjects.
- Special remedial classes for weaker students.
- Mentorship system of academic practices.
- Organizing Interview and Soft Skill Development sessions.

COURSES OF STUDY FOR B. COM (FINANCIAL MARKET OPERATION) PROGRAM**Subjects Combination for B.COM (FINANCIAL MARKET OPERATION) Program (164 Credits)**

Honors/Core Subjects CC 14 Papers	Discipline Specific Elective Subjects DSE 4 Papers	Skill Enhancement Courses SEC 2 Papers	Compulsory Course AECC 1+1=2 Papers	Generic Courses GE 2+2+2+2=8 Papers
FMO	FMO	FMO	Language Communication +EVS	FMO

Semester Wise Examination Structure for Mid Sem & End Sem Examinations:

Sem	Core Honors, Allied DSE, Compulsory AECC Courses		Examination Structure		
	Code	Papers	Mid Semester Theory (F.M)	End Semester Theory (F.M)	End Semester Practical/ Viva(F.M)
I	Core 1	Financial Business Environment	25	75	---
	Core 2	Financial Risk Management	25	75	---
	GE 1 (A)	Financial Accounting	---	100	---
	GE 1 (B)	Corporate Governance & Ethics	---	100	---
	AECC 1	English Communication	---	100	---
II	Core 3	Mutual Fund & Price Management	25	75	---
	Core 4	Principle & Practice of Banking	25	75	---
	GE 2 (A)	Financial Management	---	100	---
	GE 2 (B)	Life & General Insurance	---	100	---
	AECC 2	Environmental Studies	---	100	---
III	Core 5	Security Analysis-I	25	75	---
	Core 6	Financial Market & Institutions	25	75	---
	Core 7	Portfolio Management-I	25	75	---
	GE 3 (A)	Management Accounting	---	100	---
	GE 3 (B)	Business Economics	---	100	---
	SEC 1	Research Methodology	---	100	---
IV	Core 8	Security Analysis-II	25	75	---
	Core 9	Fintech & Digital Finance	25	75	---
	Core 10	Portfolio Management-II	25	75	---
	GE 4 (A)	Application of IT in Finance	---	100	---
	GE 4 (B)	Financial Legislation	---	100	---
	SEC 2	Quantitative Technique in Business	---	100	---
V	Core 11	Financial Analytics	25	75	---
	Core 12	Financial Derivatives-I	25	75	---
	DSE 1	International Finance	25	75	---
	DSE 2	Behavioral Finance	25	75	---
VI	Core 13	Commodity Market Operation	25	75	---
	Core 14	Financial Derivatives-II	25	75	---
	DSE 3	Entrepreneurship Development	25	75	---
	DSE 4	Project & Viva voce	---	---	50+50



 R. K. Dixit

Semester – I**5 Papers****CORE COURSE – C1****(Credit: Theory: 05 + Tutorials 01 =06)****Marks: 25 (MSE: 1Hr) + 75 (ESE: 3Hrs)=100****Pass Marks (MSE + ESE)=40****Instructions to Question Setter for
Mid Semester Examination (MSE):**

There will be two groups of questions. **Group A** is compulsory and will contain five questions of the very short answer type consisting of 1 mark each. **Group B** will contain descriptive type six questions of five marks each, out of which any four are to answer.

End Semester Examination (ESE):

There will be two groups of questions. **Group A** is compulsory and will contain two questions. **Question No. 1** will be very short type of consisting of ten questions of 1 mark each. **Question No. 2** will be short answer type of 5 marks. **Group B** will contain descriptive type six question of fifteen marks each, out of which any four are to answer.

Note: There may be subdivision in each question asked in Theory Examinations.

FINANCIAL BUSINESS ENVIRONMENT**Theory: 60 Lectures; Tutorial: 10 Lectures**

Objective: To provide knowledge regarding current business environment in the BFIS sectors. It also appraises students regarding practices and various nomenclatures follows in financial businesses.

Course Learning outcome

After completing this course student will be able to:

- Explain the structure, functions, and policies of the Indian banking system and assess its role in economic development.
- Describe the operations, products, and regulatory aspects of the insurance business and evaluate risk management practices.
- Analyse the structure and role of capital markets and stock exchanges in India and interpret recent developments and reforms in the financial sector.

Unit I: Financial Environment of Banking Business: Introduction to banking business, Structure of commercial banks in India, Banking sectors—brief profile, Operative system of the banks—electronic banking, Loans and advances, Priority sectors lending policy, Export credit, Project and Working Capital Finance, Management of Nonperforming Asset, Annual report and Balance Sheet, Brief study of the different banks—Public sector banks, foreign banks in India, Private sector banks, Cooperative banks, Microfinance.

Lectures: 20

Unit II: Financial Environment of Insurance Business: Risk management—an overview, Introduction to insurance—Life insurance, Fire insurance, Marine insurance, Motor Vehicle insurance, Health insurance, Miscellaneous insurance, Reinsurance, Insurance pricing, Underwriting, Policy servicing and claim settlement, Channels of distribution, Legal framework, Indian Insurance Industry, Transition and Prospects. New Pension and Annuity Plan

Lectures: 20

Unit III: Financial Environment of Capital Markets and Stock Exchanges: The Indian money market, Money market instruments and constituents, Capital market-nature and constituents, Importance of capital market, Development of capital market, Meaning, Importance and functions of Stock Exchanges, Dealing on stock exchanges, Speculation on the stock exchanges in India, OTCEI, National Stock Exchange of India, Stock Holding Corporation of India, Securities and Exchange Board of India (SEBI) and Capital markets—Reforms and Developments.

Lectures: 20**Recommended Books:**

1. Elements of Banking and Insurance—Sethi & Bhatia
2. Business Environment-Text & Cases—Francis Cherunilam

Note: Latest edition of text books may be used

CORE COURSE – C2

(Credit: Theory: 05 + Tutorials 01 =06)

Marks: 25 (MSE: 1Hr) + 75 (ESE: 3Hrs) =100**Pass Marks (MSE + ESE)=40****Instructions to Question Setter for****Mid Semester Examination (MSE):**

There will be two groups of questions. **Group A is compulsory** and will contain five questions of very short answer type consisting of 1 mark each. **Group B will contain descriptive type** six questions of five marks each, out of which any four are to answer.

End Semester Examination (ESE):

There will be two groups of questions. **Group A is compulsory** and will contain two questions. **Question No. 1 will be very short type** of consisting of ten questions of 1 mark each. **Question No. 2 will be short answer type** of 5 marks. **Group B will contain descriptive type** six question of fifteen marks each, out of which any four are to answer.

Note: There may be subdivision in each question asked in Theory Examinations.

FINANCIAL RISK MANAGEMENT**Theory: 60 Lectures; Tutorial: 10 Lectures**

Objectives: It gives very insight view of risk management regarding investment for long- or short-term basis. It also appraises students regarding various types of credit facilities offered by different financial institutions and risk associated with it.

Course Learning outcome

After completing this course student will be able to:

- Identify and categorise different types of risks and differentiate between risk, uncertainty, peril and hazard.
- Able to apply risk-management processes and techniques, including measurement methodologies, risk identification, risk control, and insurance as a method of risk transfer.
- Design and explain organisational systems for risk-management, including roles of risk-managers, risk-committees, governance structures and the use of insurance and other transfer mechanisms to manage business risk.

Unit I: Introduction to Risk, the concept of risk, Characteristics of Risk, Risk and uncertainty, Risk distinguished from peril and hazards, Classification of Risk. **Lectures: 10**

Unit II: Source and Evaluation of Risks- Identification of Risk & Sources of Risk, Risk Measurement methodologies, Impact of Risk on Business, Property, Liabilities, Life, Health and income. **Lectures: 15**

Unit III: Risk Management- Concept of Risk Management, Objectives and process of Risk management, Importance of Risk Management and Risk Management Techniques **Lectures: 15**

Unit IV: Insurance method of Risk management- Life Insurance, Health Insurance, Property Insurance, Insurance for liabilities such as Housing Loan, Education Loan, Personal Loan etc. Retirement Planning and other annuities. **Lectures: 10**

Unit V: Organizational system of the risk management- Risk management committee and Role of Risk Managers, operational risk in digital banking and payment system, risk management practices in Indian stock exchanges. **Lectures: 10**

Recommended Books

1. Fundamentals of Risk and Insurance—E. J. Vaughan and T. Vaughan
2. Risk Management—Trieschman, Hoyt and Sommer

Note: Latest edition of textbooks may be used

GENERIC ELECTIVE (GE 1A)**(Credit: Theory: 05 + Tutorials 01 =06)****Marks: 100 (ESE: 3Hrs)=100****Pass Marks Th ESE =40*****Instructions to Question Setter for******End Semester Examination (ESE):***

There will be two groups of questions. Group A is compulsory and will contain three questions. Question No. 1 will be very short type of consisting of ten questions of 1 mark each. Question No. 2 & 3 will be short answer type of 5 marks. Group B will contain descriptive type six question of 20 each, out of which any four are to answer.

Note: There may be subdivision in each question asked in Theory Examinations.

FINANCIAL ACCOUNTING**Theory: 75 Lectures; Tutorial: 15 Lectures**

Objective: To make the students familiar with generally accepted accounting principles of financial accounting and their applications in business organizations excluding corporate entities.

Course Learning outcome

After completing this course student will be able to:

- Understand the process of recording and classifying the business transactions and events
- Understand the financial statements, viz., Profit and Loss Account, Balance Sheet, of a sole proprietor.
- Capability to analyses and interpret financial statements to assess the financial performance and position of a business entity.

Unit I: Financial Accounting: Nature and scope, Limitations of financial accounting. Accounting Standards: Meaning, Significance, Overview of Generally Accepted Accounting Principles (GAAP), IFRS, AS and Ind-AS. **Lectures: 20**

Unit II: Accounting Process: Form recording of transactions in preparation of final accounts, Rectifications of errors. **Lectures: 15**

Unit III: Depreciation Accounting: Meaning of depreciation, causes, and objects of providing depreciation, factors affecting depreciation. Methods of depreciation: straight line method and diminishing balance method. **Lectures: 10**

Unit IV: Cash Flow Statement- Meaning, Objectives, Importance, Components of cash flow, Preparation of Cash flow statement- Direct method- Indirect method- Analysis and interpretation of Operating, Investing and financing activities. **Lectures: 10**

Unit V: Financial Statements: Meaning- Nature- Objectives – Types- Characteristics- Use – Importance – Limitations Financial Statement Analysis and Types-External Analysis – Internal Analysis- Horizontal – Vertical analysis. **Lectures: 10**

Unit VI: Ratio Analysis: Meaning — Nature- Guidelines or precautions for use of ratios- Uses and significance of ratio analysis- Limitations of ratio analysis- Types of Ratios. **Lectures: 10**

Recommended Books

1. Fundamentals of Accounting—D.C. Rawat & R.C. Bhatt
2. Basic Financial Accounting—J. R. Monga
3. Financial Accounting—S. N. Maheshwari
4. Financial Accounting—P. C. Tulsian, Naseem Ahmed, Nawab Ali Khan, M.L.Gupta
5. Fundamentals of Financial Accounting—Ashok Sehgal & Deepak Sehgal
6. Advanced Accounting—S. P. Jain and K. L. Narang
7. Accounting & Analysis—CRISIL
8. Financial Accounting—Weygandt, Kieso & Kimmel
9. Introduction to Accountancy—T. S. Grewal and S. C. Gupta

Note: Latest edition of textbooks may be used

GENERIC ELECTIVE (GE 1B)**(Credit: Theory: 05 + Tutorials 01 =06)****Marks: 100 (ESE: 3Hrs)=100****Pass Marks Th ESE =40*****Instructions to Question Setter for******End Semester Examination (ESE):***

There will be two groups of questions. Group A is compulsory and will contain three questions. Question No. 1 will be very short type of consisting of ten questions of 1 mark each. Question No. 2 & 3 will be short answer type of 5 marks. Group B will contain descriptive type six question of 20 each, out of which any four are to answer.

Note: There may be subdivision in each question asked in Theory Examinations.

CORPORATE GOVERNANCE & ETHICS**Theory: 75 Lectures; Tutorial: 15 Lectures**

Objective: This course provides the knowledge of corporate governance and its importance for the corporate sector. Different parameters of the governing systems are also discussed for proving knowledge of application.

Course Learning outcome

After completing this course student will be able to:

- Explore the relationship between ethics and business and the subsequent theories of justice and economics across different cultural traditions.
- Comprehend the relationship between ethics, morals and values in the workplace.
- Analyse and understand various ethical philosophies to explain how they contribute to current management practices.

Unit I: Introduction to Business: Def., Meaning, Nature of Ethics, Importance of Ethics in Business, Areas of Business Ethics, Marketing Ethics, Foreign Trade Ethics and Ethics Relating to Copyright. **Lectures: 15**

Unit II: Application of Ethical Theories: Business Ethical Decision Making: Decision Making -Normal Dilemmas and Problems, Ethical Issues in Finance. **Lectures: 15**

Unit III: Introductions to Corporate Governance: Definition & Conceptual Framework of Corporate Governance, Important dimension to Corporate Governance, Fair and Unfair Business Practices. Mechanism - Corporate Governance Systems, Theories underlying Corporate Governance (Stake holder's theory and Stewardship theory, Agency theory, Separation of Ownership and Control. **Lectures: 15**

Unit IV: Implementation of Corporate Governance: Role of Board of Directors and Board Structure, Role of the Non-Finance Reporting and Corporate Governance, Non-Accounting Regulations in Corporate Governance, Corporate Governance & CSR, Family-Owned Business - Background, Family Businesses in India, Need for Professionalization and Transparency in Family Business. (A case study should be discussed). **Lectures: 15**

Unit V: Global Scenario: Business Ethics in Global Economy, Relationship between Business, Corporate Governance and Issues Related to Scams, Corruption: Meaning, Causes, and Effects. Frauds and Scams in Banks, Insurance Companies, Financial Institutions, Measures to Overcome Fraud and Corruption, Zero Tolerance of Corruption **Lectures: 15**

Recommended Books

1. Chandra, P, "Behavioural Finance", McGraw Hill Publication
2. Forbes, William, "Behavioural Finance", Student ed, Wiley Publication

Note: Latest edition of textbooks may be used

ABILITY ENHANCEMENT COMPULSORY COURSE (AECC 1)**(Credit: Theory – 02)****Marks: 100 (ESE: 3Hrs)=100****Pass Marks Theory ESE =40****Instructions to Question Setter for****End Semester Examination (ESE):**

There will be two groups of questions. Group A is compulsory and will contain three questions. Question No. 1 will be very short type of consisting of ten questions of 1 mark each. Question No. 2 & 3 will be short answer type of 5 marks. Group B will contain descriptive type six question of 20 each, out of which any four are to answer.

Note: There may be subdivision in each question asked in Theory Examinations.

ENGLISH COMMUNICATION**Theory: 30 Lectures**

Objective: To equip students effectively to acquire skills in reading, writing, comprehension and communication, as also to use electronic media for English communication

Course Learning Outcome:

After the completion of this course students will able to:

- Develop the ability to write clear, concise, and grammatically correct documents, including emails, memos, reports, and other business correspondence.
- Speak confidently and articulately in English, including public speaking, presentations, and participating in meetings and discussions.
- Communicate effectively in one-on-one or small group settings, including active listening, empathy, and conflict resolution skills.

Unit I: Introduction to communication- Meaning and process, types of verbal and non- verbal communication, barriers to communication, 7'C of effective communication. **Lectures: 05**

Unit II: Comprehending and summarizing- comprehension, note making and summarizing. **Lectures: 03**

Unit III: Writing for specific purposes: notices, advertisements - copywriting, minutes of meeting. **Lectures: 04**

Unit IV: Reading and listening skills: types of listening, listening process, types of reading and their importance. **Lectures: 04**

Unit V: Professional communication: job application (resume and cover letter), business letter, resignation letter, orders & replies, invitation & replies, Emails. **Lectures: 06**

Unit VI: Presentation skills, Interview skills, GD & Soft Skills. **Lectures: 05**

Unit VII: Vocabulary building: One-word substitution, synonyms and antonyms, idioms and phrases. **Lectures: 03**

Recommended Books:

1. Essential English for better communication- Raj Kumar Sharma and Nidhi Singh
2. Effective Business Communication, Asha Kaul
3. Developing Communication Skills, Krishnamohan
4. Functional Grammar and Spoken and Written Communication in English, Bikram K. Das
5. Precis, Paraphrase and Summary, P.N. Gopalkrishnan, Authors Press
6. Communication Skills, Sanjay Kumar and Pushplata, Oxford Publication

Note: Latest edition of textbooks may be used

-----END OF SEM I-----

Semester – II**5 Papers****CORE COURSE – C3****(Credit: Theory: 05 + Tutorials 01 =06)****Marks: 25 (MSE: 1Hr) + 75 (ESE: 3Hrs)=100****Pass Marks (MSE + ESE)=40****Instructions to Question Setter for****Mid Semester Examination (MSE):**

There will be two groups of questions. **Group A** is compulsory and will contain five questions of very short answer type consisting of 1 mark each. **Group B** will contain descriptive type six questions of five marks each, out of which any four are to answer.

End Semester Examination (ESE):

There will be two groups of questions. **Group A** is compulsory and will contain two questions. **Question No. 1** will be very short type of consisting of ten questions of 1 mark each. **Question No. 2** will be short answer type of 5 marks. **Group B** will contain descriptive type six question of fifteen marks each, out of which any four are to answer.

Note: There may be subdivision in each question asked in Theory Examinations.

MUTUAL FUND & PRICE MANAGEMENT**Theory: 60 Lectures; Tutorial: 10 Lectures**

Objectives: To understand the role of mutual fund and its investment factors. Various influential tools are also to be discussed as a live example to understand long term and short term return factors as compared to conventional investments.

Course Learning outcome:

After completing this course student will be able to:

- Understand of mutual funds, including their structure, types and operation.
- Gain skills necessary to analyze mutual fund performance, evaluate investment strategies, and make informed decisions about fund selection and portfolio allocation.
- Assess investment risks, understand the principles of diversification, and construct well-balanced portfolios using mutual funds.

Mutual Fund**Lectures: 30**

Unit I: Mutual Fund—Introduction, Importance & Role, Advantages and Disadvantages. Current status of Mutual Fund in global market & Indian market.

Unit II: Mutual Fund and different schemes—Classifying mutual fund and schemes, Investment mix, Performance of different mutual fund schemes, Classification of Investors. Behavioral aspects in fund selection and portfolio management.

Unit III: Organizational structure of Mutual Fund Company- Qualification of Sponsors and their roles. Mutual Fund Trust, AMC, RTA and others – Appointment and Functions.

Unit IV: Mutual Fund Distribution Channels – Corporate and Individual Distributors – Appointment, Role and remuneration system. Digital platforms & online Mutual fund transactions.

Unit V: Mutual Fund regulation and its framework, SEBI guidelines for Mutual Fund and AMFI Code of conducts and Ethics. Advertising Guidelines of Mutual Fund.

Unit VI: Documentation for NFO and existing Funds

Price Management**Lectures: 30**

Unit VII: Stock price movements, Price Volatility and Market phase analysis.

Unit VIII: Implication of price movement, Net Asset Value (NAV) and its implications to the different types of Mutual Fund, The behavior of NAV and market price of unit.

Unit IX: SIP, SWP and STP. Rupee cost averaging, Exchange – Traded Funds (ETFs), Passive investing & Index tracking funds. SIF (Systematic Investment Fund), Portfolio Management Service.

Unit X: Mutual Fund Performance Evaluation.

Unit XI: Taxation in Mutual Fund- Tax benefits, STT and Capital Gain Tax.

Recommended Books

1. Mutual Fund Their Scheme and Price Management—R. Jatana & K. J. Bosire
2. Mutual Funds: Data, Interpretation and Analysis—K.G. Sahadevan
3. How Mutual Fund Works—Albert J. Fredman & Russ Wiles

Note: Latest edition of textbooks may be used

CORE COURSE – C4

(Credit: Theory: 05 + Tutorials 01 = 06)

Marks: 25 (MSE: 1Hr) + 75 (ESE: 3Hrs) = 100**Pass Marks (MSE + ESE)=40****Instructions to Question Setter for****Mid Semester Examination (MSE):**

There will be two groups of questions. **Group A** is compulsory and will contain five questions of very short answer type consisting of 1 mark each. **Group B** will contain descriptive type six questions of five marks each, out of which any four are to answer.

End Semester Examination (ESE):

There will be two groups of questions. **Group A** is compulsory and will contain two questions. **Question No. 1** will be very short type of consisting of ten questions of 1 mark each. **Question No. 2** will be short answer type of 5 marks. **Group B** will contain descriptive type six question of fifteen marks each, out of which any four are to answer.

Note: There may be subdivision in each question asked in Theory Examinations.

PRINCIPLE & PRACTICE OF BANKING**Theory: 60 Lectures; Tutorial: 10 Lectures**

Objective: To provide an understanding with various functional and processing systems of banking and bank management. In this course power of banks, its products, legal authority of banks, taxing system of banks are to be discussed for full scale understanding of the students.

Course Learning outcome

After completing this course student will be able to:

- Understand the concept of Bank along with the basic laws and practices of bank.
- Understand the terminologies associated with the field of Bank and control along with their relevance.
- Apply basic Banking principles to solve business and industry related problems.

Unit I: Introduction, Evolution and structure Indian Banking system: Role and functions of Banks, Regulatory provisions/enactments, Governing Banks, Major functions of RBI. **Lectures: 10**

Unit II: Retail, Wholesale and International Banking: Nature & scope of retail banking, Wholesale banking services. **Lectures: 10**

Unit III: Deposit: Banker-Customer Relation, Different deposit products, Services rendered by banks, Mandate and Power of Attorney, Banker's lien-Right of set off, Garnishee Order, Income Tax Attachment Order etc. **Lectures: 10**

Unit IV: Credit: Principles of lending, various credit facilities, Working capital and term loans, Credit appraisal techniques, Approach to lending. Credit Management, Credit Monitoring, NPA (Non-Performing Asset), SARFASI Act. **Lectures: 10**

Unit V: Risk Management in Banking Business- Fundamental concepts of Different types of Risk in banking business specially Interest rate risk, Credit Risk and operational risk. **Lectures: 05**

Unit VI: Priority lending sectors: Target issues/problems, Current guidelines, Bank's performance, Developments in new products and services. **Lectures: 05**

Unit VII: Negotiable Instrument Act- 1881, KYC norms and Money Laundering, New Developments of Banking. **Lectures: 10**

Recommended Books

1. Know your Banking Series—Taxman
2. Principles of Banking—Taxman
3. Principles and Practice of Banking and Insurance—O. P. Agarwal

Note: Latest edition of textbooks may be used

GENERIC ELECTIVE (GE 2A)**(Credit: Theory: 05 + Tutorials 01 =06)****Marks: 100 (ESE: 3Hrs)=100****Pass Marks Th ESE =40****Instructions to Question Setter for****End Semester Examination (ESE):**

There will be two groups of questions. Group A is compulsory and will contain three questions. Question No. 1 will be very short type of consisting of ten questions of 1 mark each. Question No. 2 & 3 will be short answer type of 5 marks. Group B will contain descriptive type six question of 20 each, out of which any four are to answer.

Note: There may be subdivision in each question asked in Theory Examinations.

FINANCIAL MANAGEMENT**Theory: 75 Lectures; Tutorial: 15 Lectures**

Objectives: To acquaint the students with basic concepts financial management and its various methods involved in finance management for investment as well as for continuous business operation.

Course Learning outcome

After completing this course student will be able to:

- Explain the nature and scope of financial management as well as time value of money and risk return trade off
- Analyze capital budgeting process and capital budgeting techniques
- Estimate various capital structure theories and factors affecting capital structure decisions in a firm and critically examine various theories of dividend and factors affecting dividend policy

Unit I: Financial Management – Scope of Financial Management; Objectives of Financial Management; Emerging role of Finance Managers. **Lectures: 07**

Unit II: Time Value of Money- Concept and Techniques; Practical Applications of Compounding; and Present Value Techniques. **Lectures: 07**

Unit III: Capital Budgeting – Principles and Techniques, Nature of Capital Budgeting; Evaluation Techniques- ARR, Payback Period, Discounted Payback Period, NAV, IRR and Profitability Index. **Lectures: 15**

Unit IV: Concept and Measurement of Cost of Capital- Importance and concept; Measurement of Specific Costs; Computation of Overall Cost of Capital; and WACC. **Lectures: 10**

Unit V: Leverage - Operating Leverage; Financial Leverage; and Combined Leverage. **Lectures: 05**

Unit VI: Capital Structure - Cost of Capital and Valuation Capital Structure, Theories; Net Income Approach; Net Operating Income (NOI) Approach; Modigliani-Miller (MM) Approach; and Traditional Approach. **Lectures: 12**

Unit VII: Working Capital Management - Concept and determinants of Working Capital. Calculation of working Capital, Receivable Management, Payable management and Inventory management. **Lectures: 15**

Unit VIII: Dividend Decision Policy and Tax Aspects associated with Dividend Decision. **Lectures: 04**

Recommended Books

1. Fundamentals of Financial Management—Prassan Chandra
2. Financial Management—Khan and Jain
3. Financial Management – I M Pandey

Note: Latest edition of textbooks may be used

GENERIC ELECTIVE (GE 2B)**(Credit: Theory: 05 + Tutorials 01 =06)****Marks: 100 (ESE: 3Hrs)=100****Pass Marks Th ESE =40****Instructions to Question Setter for****End Semester Examination (ESE):**

There will be two groups of questions. Group A is compulsory and will contain three questions. Question No. 1 will be very short type of consisting of ten questions of 1 mark each. Question No. 2 & 3 will be short answer type of 5 marks. Group B will contain descriptive type six question of 20 each, out of which any four are to answer.

Note: There may be subdivision in each question asked in Theory Examinations.

LIFE & GENERAL INSURANCE**75 Lectures; Tutorial: 15 Lectures**

Objective: This course gives full knowledge regarding life and general insurance and its associated factors including claim factors, underwriting and processing of insurance for various needs.

Course Learning outcome

After completing this course student will be able to:

- Learn the Concepts and Principles of Insurance and its operations.
- Develop insights into various types of Insurance
- Examine the Legal aspects of Insurance contract and Actuaries

Life Insurance

Unit I: Life Insurance Organization—Context and Important Activities, Internal Organization Distribution Systems & trends, Appointment, Functions and Remuneration of Agents and Brokers. **Lectures: 07**

Unit II: Principle of Life Insurance, Principle of Utmost Good Faith, Insurable Interest, Prospectus, Proposal forms and other related documents **Lectures: 05**

Unit III: Different types of Life Insurance Plan, Riders, and Additional Benefits. **Lectures: 05**

Unit IV: Basic concept of premium calculation. **Lectures: 05**

Unit V: Premium payment lapse and Revival-Premium, Surrender Values, Non-Forfeiture Options, Revival, Assignment Nomination Loans, Surrenders, Foreclosures, Peril & Hazard, Types of Hazard **Lectures: 08**

Unit VI: Policy Underwriting and Claims-Policy Underwriting Process, Maturity claims, Survival Benefits, Death Benefits, Claim concession, Presumption of death, Accident Benefits, Post maturity Options, Settlement options, Valuation and Surplus. **Lectures: 10**

General Insurance

Unit VII: Types of General Insurance, Tariff Advisory Committee, Insurance Forms, Proposal of Insurance, Cover Notes, Fire and Marine Coverage, Standard Policies, Marine Insurance Coverage, Type of Marine Policies. **Lectures: 10**

Unit VIII: Miscellaneous Insurance Coverage's- Health Insurance, Mediclaim Insurance, Cancer Insurance, Overseas Mediclaim Policy, Burglary Insurance, Money Policy, Fidelity Guarantee Insurance, Specialized Insurance—Oil and Gas Insurance, Satellite Insurance, Rating Premium, Tariff Rating, Miscellaneous—Renewal, Insurer's role in Risk Management. Climate Risk & Emerging Risks - cyber risk, pandemic risk, climate-risk underwriting. **Lectures: 15**

Unit IX: Claims Procedure—Preliminary, Investigation and Assessment, Role of Surveyors and Loss Assessors, Arbitration, Limitation, Settlement of Claims Discharge Vouchers. **Lectures: 10**

Recommended Books:

1. Principles & Practices of Insurance—M. N. Mishra
2. IC - 38 - Insurance Institute of India
3. Principles of General Insurance—Tripathi and Reddy
4. Principles & Practices of Insurance—Dr. P. Periaswamy
5. IC-73—Insurance Institute of India
6. IC-79—Insurance Institute of India

Note: Latest edition of textbooks may be used

ABILITY ENHANCEMENT COMPULSORY COURSE (AECC 2)**(Credit: Theory – 02)****Marks: 100 (ESE: 3Hrs)=100****Pass Marks Theory ESE =40****Instructions to Question Setter for****End Semester Examination (ESE):**

There will be two groups of questions. **Group A is compulsory** and will contain three questions. **Question No. 1 will be very short type** of consisting of ten questions of 1 mark each. **Question No. 2 & 3 will be short answer type** of 5 marks. **Group B will contain descriptive type** six question of 20 each, out of which any four are to answer.

Note: There may be subdivision in each question asked in Theory Examinations.

ENVIRONMENTAL STUDIES**Theory: 30 Lectures**

Objective: Develop awareness among the students about the necessity and importance of environment for human and its developments.

Course Outcomes

After completion of this course students will able to:

- Gain an interdisciplinary understanding of environmental issues and the importance of sustainable development. Develop analytical and critical thinking skills to address environmental problems.
- Equipped to contribute positively to environmental protection efforts, supported by an understanding of laws, conservation practices, and ethical considerations.
- Apply practical knowledge to real-world contexts through fieldwork, fostering an active role in environmental monitoring and advocacy.

Unit I: Introduction to Environmental Studies: Multidisciplinary nature of environmental studies; Scope and importance; Concept of sustainability and sustainable development

Lectures: 02

Unit II: Ecosystems: Definition, Structure and function of ecosystem; Energy flow in an ecosystem: food chains, food webs and ecological succession. Case studies of the following ecosystems: Forest ecosystem Grassland Ecosystem Desert Ecosystem Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries).

Lectures: 02

Unit III: Natural Resources: Renewable and Non-renewable Resources: Land resources and land use change; Land degradation, soil erosion and desertification. Deforestation: Causes and impacts due to mining, dam building on environment, forests, biodiversity and tribal populations. Water: Use and over-exploitation of surface and ground water, floods, droughts, conflicts over water (international & inter-state). Energy resources: Renewable and non-renewable energy sources, use of alternate energy sources, growing energy needs, case studies.

Lectures: 05

Unit IV: Biodiversity and Conservation: Levels of biological diversity: genetic, species and ecosystem diversity; Biogeographic zones of India; Biodiversity patterns and global biodiversity hot spots India as a mega-biodiversity nation; Endangered and endemic species of India Threats to biodiversity: Habitat loss, poaching of wildlife, man-wildlife conflicts, biological invasions; Conservation of biodiversity: In-situ and Ex-situ conservation of biodiversity. Ecosystem and biodiversity services: Ecological, economic, social, ethical, aesthetic and Informational value.

Lectures: 05

Unit V: Environmental Pollution: Environmental pollution: types, causes, effects and controls; Air, water, soil and noise pollution Nuclear hazards and human health risks Solid waste management: Control measures of urban and industrial waste. Pollution case studies.

Lectures: 05

Unit VI: Environmental Policies & Practices: Climate change, global warming, ozone layer depletion, acid rain and impacts on human communities and agriculture Environment Laws: Environment Protection Act; Air (Prevention & Control of Pollution) Act; Water (Prevention and control of Pollution) Act; Wildlife Protection Act; Forest Conservation Act. International agreements: Montreal and Kyoto protocols and Convention on Biological Diversity (CBD). Nature reserves, tribal populations and rights, and human wildlife conflicts in Indian context.

Lectures: 04

Unit VII: Human Communities and the Environment: Human population growth: Impacts on environment, human health and welfare. Resettlement and rehabilitation of project affected persons; case studies. Disaster management: floods, earthquake, cyclones and landslides. Environmental movements: Chipko, Silent valley, Bishnois of Rajasthan. Environmental ethics. Role of Indian and other religions and cultures in environmental

conservation. Environmental communication and public awareness, case studies (e.g., CNG vehicles in Delhi).

Lectures: 03

Unit VIII: Field work

Lectures: Equal to 04

Visit to an area to document environmental assets: river/ forest/ flora/fauna, etc. Visit to a local polluted Site-Urban/Rural/Industrial/Agricultural. Study of common plants, insects, birds and basic principles of identification, Study of simple ecosystems-pond, river, Delhi Ridge, etc.

Recommended Books:

1. Raziuddin, M.Mishra P.K. 2014, A Handbook of Environmental Studies, Akanaksha Publications, Ranchi.
2. Mukherjee, B. 2011: Fundamentals of Environmental Biology. Silverline Publications, Allahabad.
3. Carson, R. 2002. Silent Spring. Houghton Mifflin Harcourt.
4. Gadgil, M., & Guha, R.1993. This Fissured Land: An Ecological History of India. Univ. of California Press.
5. Gleeson, B. and Low, N. (eds.) 1999.Global Ethics and Environment, London, Routledge.
6. Gleick, P. H. 1993. Water in Crisis. Pacific Institute for Studies in Dev., Environment & Security. Stockholm Env. Institute, Oxford Univ. Press.
7. Groom, Martha J., Gary K. Meffe, and Carl Ronald Carroll. Principles of Conservation Biology. Sunderland: Sinauer Associates, 2006.
8. McCully, P. 1996. Rivers no more: the environmental effects of dams (pp. 29-64). Zed Books.
9. McNeill, John R. 2000. Something New Under the Sun: An Environmental History of the Twentieth Century.
10. Pepper, I.L., Gerba, C.P. & Brusseau, M.L. 2011. Environmental and Pollution Science. Academic Press.
11. Rao, M.N. & Datta, A.K. 1987. Waste Water Treatment. Oxford and IBH Publishing Co. Pvt. Ltd.
12. Raven, P.H., Hassenzahl, D.M. & Berg, L. R. 2012.Environment. 8th edition. John Wiley & Sons.
13. Rosencranz, A., Divan, S., & Noble, M. L. 2001. Environmental law and policy in India. Tripathi 1992.
14. Sengupta, R. 2003. Ecology and economics: An approach to sustainable development. OUP. Singh, J.S.,
15. Singh, S.P. and Gupta, S.R. 2014. Ecology, Environmental Science and Conservation. S. Chand Publishing, New Delhi.
16. Warren, C. E. 1971. Biology and Water Pollution Control. WB Saunders.
17. Wilson, E. O. 2006.The Creation: An appeal to save life on earth. New York: Norton.

Note: Latest edition of textbooks may be used

-----END OF SEM II-----

Semester – III

6 Papers

CORE COURSE – C5

(Credit: Theory: 05 + Tutorials 01 =06)

Marks: 25 (MSE: 1Hr) + 75 (ESE: 3Hrs)=100

Pass Marks (MSE + ESE)=40

Instructions to Question Setter for
Mid Semester Examination (MSE):

There will be two groups of questions. **Group A is compulsory** and will contain five questions of very short answer type consisting of 1 mark each. **Group B will contain descriptive type** six questions of five marks each, out of which any four are to answer.

End Semester Examination (ESE):

There will be two groups of questions. **Group A is compulsory** and will contain two questions. **Question No. 1 will be very short type** of consisting of ten questions of 1 mark each. **Question No. 2 will be short answer type** of 5 marks. **Group B will contain descriptive type** six question of fifteen marks each, out of which any four are to answer.

Note: There may be subdivision in each question asked in Theory Examinations.

SECURITY ANALYSIS-I**Theory: 60 Lectures; Tutorial: 10 Lectures**

Objectives: This course provides full knowledge regarding different types of scripts along with its analysis for long and short term. It's also gives knowledge of various tools relates with security analysis and its applications in live demonstration.

Course Learning outcome

After completion of this course students will able to:

- Understand fundamental principles of fundamental analysis, distinguishing it from technical analysis and understanding its long-term investment horizon.
- Determine intrinsic value of company's true value (intrinsic value) and compare it to the current market price to identify undervalued or overvalued stocks.
- Employ valuation models to evaluate investment opportunities.

Unit I: Introduction to Security Analysis- Concept, types of Security Analysis, Difference between Fundamental analysis and Technical Analysis. Introduction to fundamental Analysis-Concepts and principles: The core ideas behind fundamental analysis, including the distinction between price and value. The investment mind-set: The long-term perspective and psychological aspects necessary for successful fundamental investing. Approaches to analysis: An overview of the two main strategies, the "top-down" approach (starting with the economy) and the "bottom-up" approach (starting with a specific company). **Lectures: 12**

Unit II: Economic and industry analysis- Macroeconomic indicators: The role of broad economic factors such as Gross Domestic Product (GDP) growth, inflation rates, interest rates, and government fiscal and monetary policies. Industry analysis: An examination of a company's specific industry, including its trends, growth prospects, and competitive environment. Competitive analysis: Evaluating a company's position relative to its competitors, including its competitive advantages and market share. **Lectures: 12**

Unit III: Financial statement analysis -The income statement: Understanding the components of a company's revenues, expenses, and profitability over a period of time. The balance sheet: Analysing a company's assets, liabilities, and equity at a specific point in time to assess its financial health. Cash flow statement: Tracking the movement of cash in and out of a company from operating, investing, and financing activities. Reading an annual report: How to effectively read and interpret a company's annual report for crucial insights. **Lectures: 10**

Unit IV: Financial ratios and metrics- Profitability ratios: Assessing a company's ability to generate profit, including: Return on Equity (ROE), Net Profit Margin & Earnings Per Share (EPS). Valuation ratios: Determining if a stock is overvalued or undervalued, including: Price-to-Earnings (P/E) Ratio, Price-to-Book (P/B) Ratio & Dividend Yield. Liquidity ratios: Evaluating a company's ability to meet its short-term financial obligations, such as the current ratio. Leverage ratios: Analysing a company's use of debt financing, such as the debt-to-equity ratio. **Lectures: 12**

Unit V: Valuation techniques: Discounted Cash Flow (DCF): A method to estimate a company's intrinsic value based on its projected future cash flows. Dividend Discount Model (DDM): Calculating a stock's value

based on the expected future dividends. Other valuation principles: Various methods for determining the fair value of a company's stock.

Lectures: 7

Unit VI: Practical application: Equity research and report writing: Applying the learned techniques to create a detailed fundamental analysis report. Case studies: Analysing real-life company examples to demonstrate how to apply fundamental analysis concepts.

Lectures: 7

Recommended Books

1. Fundamentals of Investment Management—V.K. Bhalla
2. Investment Management-Security Analysis and Portfolio Management-V. K. Bhalla
3. Investment Management—V. Gangadhar & G. Ramesh Babu

Note: Latest edition of textbooks may be used

CORE COURSE – C6**(Credit: Theory: 05 + Tutorials 01 =06)****Marks: 25 (MSE: 1Hr) + 75 (ESE: 3Hrs)=100****Pass Marks (MSE + ESE)=40****Instructions to Question Setter for****Mid Semester Examination (MSE):**

There will be two groups of questions. Group A is compulsory and will contain five questions of very short answer type consisting of 1 mark each. Group B will contain descriptive type six questions of five marks each, out of which any four are to answer.

End Semester Examination (ESE):

There will be two groups of questions. Group A is compulsory and will contain two questions. Question No. 1 will be very short type of consisting of ten questions of 1 mark each. Question No. 2 will be short answer type of 5 marks. Group B will contain descriptive type six question of fifteen marks each, out of which any four are to answer.

Note: There may be subdivision in each question asked in Theory Examinations.

FINANCIAL MARKETS & INSTITUTIONS**Theory: 60 Lectures; Tutorial: 10 Lectures**

Objectives: This course provides the knowledge of stock market operational system and its related matters. It also provides knowledge regarding managerial aspects of the stock market and various influential tools.

Course Learning outcome

After completion of this course students will able to:

- Understand Financial architecture of an economy and its key players.
- Understand The fabrication of Indian Financial markets.
- Understand Working of Capital market, debt market, money market in India – Functioning of different players in financial market including Regulators.

Unit I: An Overview of Financial Markets: Financial Markets – Nature – Functions – Money market – Capital market – Markets for derivatives – working of stock exchange in India – NSE and BSE – Role of SEBI – Major international stock markets.

Lectures: 12

Unit II: Commodity markets: MCX, NCDEX and ICEX – Functions, administration, regulations and general mechanism – International commodity markets – Debt market – Types, functions, instruments – Operational mechanism - Hindrances for the development of debt market.

Lectures: 12

Unit III: Financial instruments – issue of financial instruments – Primary issue, book building process, private placement, offer for sale, buy back of shares – various innovative financial instruments, bitcoin, crypto currency etc. SME Listing.

Lectures: 12

Unit IV: Development Financial Institutions: AMFI, IFCI, NABARD, SFCs, UTI, SIDBI – Mutual Funds, SEBI guidelines on mutual fund – Provident Fund – Pension Funds – PFRDA – Insurance companies – IRDA.

Lectures: 12

Unit V: Foreign capital flows: forms of foreign capital – FDI and FPI – FIIs – International financial instruments – ADR, GDR, IDR and Euro bonds – Role of foreign capital in Indian financial system – Trends in foreign capital inflows to India – Regulatory framework for foreign capital flows.

Lectures: 12**Recommended Books:**

1. Bhole L.M. and Mahakud J., Financial Institutions and Markets: Structure, Growthand Innovations (6th Edition). McGraw Hill Education, Chennai, India
2. Saunders, Anthony & Cornett, Marcia Millon (2007). Financial Markets and Institutions (3rd ed.). Tata McGraw Hill
3. Pathak, Bharati V., Indian Financial System: Markets, Institutions and Services, Pearson education, New Delhi, Second edition, 2008.
4. Khan, M. Y., Financial Services. McGraw Hill Education.
5. Fabozzi, Frank J. and Modigliani, Franco, Capital Markets: Institutions and Markets, Prentice Hall of India, New Delhi, Third edition, 2005.

Note: Latest edition of textbooks may be used

CORE COURSE – C7**(Credit: Theory: 05 + Tutorials 01 =06)****Marks: 25 (MSE: 1Hr) + 75 (ESE: 3Hrs)=100****Pass Marks (MSE + ESE)=40****Instructions to Question Setter for****Mid Semester Examination (MSE):**

There will be two groups of questions. **Group A** is compulsory and will contain five questions of very short answer type consisting of 1 mark each. **Group B** will contain descriptive type six questions of five marks each, out of which any four are to answer.

End Semester Examination (ESE):

There will be two groups of questions. **Group A** is compulsory and will contain two questions. **Question No. 1** will be very short type of consisting of ten questions of 1 mark each. **Question No. 2** will be short answer type of 5 marks. **Group B** will contain descriptive type six question of fifteen marks each, out of which any four are to answer.

Note: There may be subdivision in each question asked in Theory Examinations.

PORTFOLIO MANAGEMENT - I**Theory: 60 Lectures; Tutorial: 10 Lectures**

Objectives: It gives through knowledge regarding development of portfolio and its various financial benefits including risk and return factors for various portfolios.

Course Learning outcome

After completion of this course students will able to:

- Know various types of financial securities available in the stock market
- Skillfully understand various factors favorable for investment and identify how to make a fruitful investment Decisions.
- Gain the knowledge about the portfolio theory and measurement of Risk Return

Unit I: Introduction to Portfolio Management- Meaning – Objectives, Terms relating to Portfolio, Types of portfolios, Constrains in the portfolio, Statement of investment policy. Securities - Risk – Return Role of Portfolio Managers

Lectures: 10

Unit II: Portfolio Investment Process—Basic Principles, Planning, Implementation, Portfolio monitoring.

Lectures: 10

Unit III: Risk & Return Interpretation of Risk & Return – Mean – Variance Analysis - B(Beta) Measures. Portfolio Diversification – Bond Valuation.

Lectures: 10

Unit IV: Portfolio Risk, Positive and Negative Correlated Returns, Uncorrelated returns borrowing and lending, Combining Risky and Risk-free Securities.

Lectures: 10

Unit V: Portfolio Selection Process - Utility Theory for portfolio selection and Probability approach. Market volatility and portfolio Rebalancing (pandemic, geopolitical risk).

Lectures: 10

Unit VI: Markowitz Portfolio Theory - Basic Assumptions, Efficient market frontiers, The Dents in the efficient set, Dominance principles, Modification to the efficient frontiers.

Lectures: 10**Recommended Books:**

1. Fundamentals of Investment Management—V.K. Bhalla
2. Investment Management-Security Analysis and Portfolio Management-V. K. Bhalla
3. Investment Management—V. Gangadhar & G. Ramesh Babu
4. Francis-Management of Investments, McGraw Hill.
5. Fisher & Jordan-Security Analysis & Portfolio Management, prentice Hall

Note: Latest edition of textbooks may be used

GENERIC ELECTIVE (GE 3A)**(Credit: Theory: 05 + Tutorials 01 =06)****Marks: 100 (ESE: 3Hrs)=100****Pass Marks Th ES=40****Instructions to Question Setter for****End Semester Examination (ESE):**

There will be two groups of questions. Group A is compulsory and will contain three questions. Question No. 1 will be very short type of consisting of ten questions of 1 mark each. Question No. 2 & 3 will be short answer type of 5 marks. Group B will contain descriptive type six question of 20 each, out of which any four are to answer.

Note: There may be subdivision in each question asked in Theory Examinations.

MANAGEMENT ACCOUNTING**Theory: 75 Lectures; Tutorial: 15 Lectures**

Objectives: This course provides insight knowledge regarding management accounting for managers, organizational systems and application of accounting for various managerial aspects.

Course Learning outcome:

After completion of this course students will able to:

- Develop the concept of management accounting and its significance in the business.
- Analyze the financial statements.
- Apply the techniques of management accounting in the financial decision making in the business corporates.

Unit I: Introduction to Management accounting: Definition, Scope of Management Accounting, Functions of management accountant, Role of management accountant, Advantages and disadvantages of management accounting, Difference between Financial accounting, Cost accounting & Management accounting

Lectures: 15

Unit II: Financial Statement Analyses: Meaning of Financial statement, Contents of Annual Report of company, Purpose of Financial statement analysis, Comparative analysis, Common size statement, Ratio Analysis, Meaning & Interpretation of Liquidity Ratio, Capital Structure Ratio, Turnover Ratio, Profitability Ratio, Miscellaneous Ratio, EPS, PE Ratio.

Lectures: 15

Unit III: Marginal Costing & Break Even Analysis: Meaning and concept of Marginal cost, Break Even Analysis, Cost – Volume – Profit analysis, Profit –Volume Ratio, Concept of contribution and its impact on capacity utilization.

Lectures: 10

Unit IV: Budgeting & Budgetary Control: Concept of budget, budgetary control, Objectives of budgetary control, Essential factor for effective budgeting, Installation of budgetary control system, Introduction to Functional Budget, Master budget, Fixed & Flexible budget, Zero base budgeting, Performance budgeting and control system.

Lectures: 15

Unit V: Standard Costing & Variance Analysis: Meaning of standard cost, establishing standard costing system, Standard costing vs. Budgetary control, Variance analysis, Material Cost Variance, Labour variance, Overheads Variance.

Lectures: 15

Unit VI: Cash flow; Introduction to analysis of cash flow & its significance

Lectures: 05**Recommended Books**

1. Management Accounting by R.S.N. Pillai and Bagavathi
2. Cost and Management Accounting by Pooja Aggarwal and Shobit Aggarwal
3. Management Accounting by M. N. Arora

Note: Latest edition of textbooks may be used

GENERIC ELECTIVE (GE 3B)**(Credit: Theory: 05 + Tutorials 01 =06)****Marks: 100 (ESE: 3Hrs)=100****Pass Marks Theory ESE =40****Instructions to Question Setter for****End Semester Examination (ESE):**

There will be two groups of questions. **Group A is compulsory** and will contain three questions. **Question No. 1 will be very short type** of consisting of ten questions of 1 mark each. **Question No. 2 & 3 will be short answer type** of 5 marks. **Group B will contain descriptive type** six question of 20 each, out of which any four are to answer.

Note: There may be subdivision in each question asked in Theory Examinations.

BUSINESS ECONOMICS**Theory: 75 Lectures; Tutorial: 15 Lectures**

Objectives: To provide students with an understanding of economic concepts and analytical tools that help in making effective business decisions and formulating strategies in a dynamic market environment.

Course Learning Outcomes

After completing this course student will be able to:

- Apply economic principles to analyses business problems and decision-making.
- Evaluate the impact of market structures and economic policies on business operations.
- Interpret demand, supply, cost, and pricing concepts to enhance managerial decisions.

Unit I: Introduction to Managerial Economics: Definition, Nature, and Scope of Managerial Economics, Objectives and importance of Managerial Economics in business decision-making, Goals of Business: Economic Goals, Social Goals, Strategic Goals, Business Ethics and Corporate Social Responsibility, Role of Managerial Economics in the Banking and Insurance Sector, Introduction to Behavioral Economics in Financial Decision-Making.

Lectures: 15

Unit II: Demand and Supply Analysis: Law of Demand and Determinants of Demand, Movements vs. Shifts in Demand Curve, Market Demand and Demand Forecasting Techniques, Elasticity of Demand: Price, Income, and Cross Elasticities, Applications of Elasticity in Banking and Insurance Pricing, Law of Supply, Determinants of Supply, and Market Equilibrium, Applications of Demand and Supply: Price Rationing, Price Floors, and Policy Implications

Lectures: 15

Unit III: Consumer Behavior and Decision-Making: Concepts of Utility: Total and Marginal Utility, Law of Diminishing Marginal Utility & Equi-Marginal Principle, Indifference Curve Analysis and Budget Constraints, Price, Income, and Substitution Effects, Consumer and Producer Surplus, Behavioral Biases in Consumer Decisions (anchoring, loss aversion, risk preference)

Lectures: 15

Unit IV: Production, Cost, and Revenue Analysis: Production Function and Short-Run vs. Long-Run Production, Law of Variable Proportions and Returns to Scale, Iso-Quant, Iso-Cost Lines, and Producer's Equilibrium, Short-Run and Long-Run Costs, Revenue and Profit Maximization; Economies and Diseconomies of Scale, Cost-Volume-Profit (CVP) Analysis for Financial Institutions.

Lectures: 15

Unit V: Market Structures and Pricing Decisions: Perfect Competition: Short-Run and Long-Run Equilibrium, Monopoly: Price and Output Determination, Price Discrimination and Regulation, Oligopoly: Kinked Demand, Collusive Models, Game Theory Introduction, Monopolistic Competition and Product Differentiation, Pricing Strategies in Banking and Insurance Services.

Lectures: 15**Recommended Books:**

1. P.L. Mehta – *Managerial Economics: Analysis, Problems and Cases* (Sultan Chand)
2. D.N. Dwivedi – *Managerial Economics* (Vikas Publishing House)
3. Varshney & Maheshwari – *Managerial Economics* (Sultan Chand & Sons)
4. Peterson, H. Craig & Lewis, W. Chris – *Managerial Economics* (Pearson)
5. Salvatore, Dominick – *Managerial Economics in a Global Economy* (McGraw-Hill)
6. Paul, Keat & Young – *Managerial Economics: Economic Tools for Today's Decision Makers* (Pearson)
7. Koutsoyiannis, A. – *Modern Microeconomics* (Macmillan)
8. Pindyck, Robert & Rubinfeld, Daniel – *Microeconomics* (Pearson)
9. Mishra, S.K. & Puri, V.K. – *Indian Economy and Managerial Applications* (Himalaya Publishing)

Note: Latest edition of textbooks may be used

SKILL ENHANCEMENT COURSE (SEC 1)

(Credits: Theory-02)

Marks: =100 (ESE: 3Hrs)=100

Pass Marks Th ESE = 40

Instructions to Question Setter for

End Semester Examination (ESE):

There will be two groups of questions. Group A is compulsory and will contain three questions. Question No. 1 will be very short type of consisting of ten questions of 1 mark each. Question No. 2 & 3 will be short answer type of 5 marks. Group B will contain descriptive type six question of 20 each, out of which any four are to answer.

Note: There may be subdivision in each question asked in Theory Examinations.

RESEARCH METHODOLOGY

Theory: 30 Lectures

Course Objectives: To equip students with the knowledge and skills necessary to design, conduct, analyze, and interpret research effectively for informed decision-making and problem-solving in academic and professional contexts.

Course Learning Outcomes

After completing this course student will be able to:

- Understand and apply the fundamental concepts, processes, and types of research.
- Develop research designs, formulate hypotheses, and use appropriate data collection methods.
- Analyse and interpret research data to draw valid conclusions and present findings effectively.

Unit I: Fundamentals of Research: Meaning, Nature, and Scope of Research, Objectives and Significance of Research in Commerce and Management, Types of Research: Pure, Applied, Descriptive, Analytical, Exploratory, Experimental, Qualitative vs Quantitative, Research Process: Steps from Problem Identification to Report Writing, Ethics in Research, Plagiarism, Integrity, and Referencing

Lectures: 03

Unit II: Research Problem, Hypothesis, and Design: Defining and Selecting a Research Problem, Review of Literature: Sources and Techniques (Journals, Google Scholar, etc.), Hypothesis: Meaning, Types, Formulation, and Testing Logic, Research Design: Exploratory, Descriptive, Diagnostic, Experimental, Sampling: Meaning, Types (Random, Stratified, Systematic, Cluster, Judgmental), Determination of Sample Size

Lectures: 06

Unit III: Data Collection and Measurement: Sources of Data: Primary & Secondary, Methods: Questionnaire, Schedule, Interview, Observation, Experiment, Scaling & Measurement: Nominal, Ordinal, Interval, Ratio, Attitude Measurement Scales – Likert, Semantic Differential, Thurstone, Reliability and Validity

Lectures: 07

Unit IV: Data Processing, Analysis & Interpretation: Editing, Coding, Classification, Tabulation, Introduction to Statistical Analysis (Descriptive Statistics, Charts, Graphs), Hypothesis Testing Basics: t-test, χ^2 -test, ANOVA (Conceptual Level), Use of Excel/SPSS for Data Entry and Summary Statistics.

Lectures: 07

Unit V: Report Writing and Presentation: Structure and Layout of Research Report, Bibliography, Footnotes, and Citation Styles, Executive Summary and Abstract, Avoid Plagiarisms, Graphical and Tabular Presentation of Data, Use of PowerPoint / Google Slides for Research Presentation

Lectures: 07

Recommended Books:

1. Kothari, C.R. & Garg, G. — Research Methodology: Methods & Techniques
2. Uma Sekaran & Roger Bougie — Research Methods for Business
3. Zikmund, W.G. — Business Research Methods
4. Ranjit Kumar — Research Methodology: A Step-by-Step Guide for Beginners
5. Cooper & Schindler — Business Research Methods

Note: Latest edition of textbooks may be used

-----END OF SEM III-----

Semester – IV

6 Papers

CORE COURSE – C8

(Credit: Theory – 05 + Tutorials -01=06)

Marks: 25 (MSE: 1Hr) + 75 (ESE: 3Hrs)=100

Pass Marks (MSE + ESE)=40

Instructions to Question Setter forMid Semester Examination (MSE):

There will be two groups of questions. **Group A** is compulsory and will contain five questions of very short answer type consisting of 1 mark each. **Group B** will contain descriptive type six questions of five marks each, out of which any four are to answer.

End Semester Examination (ESE):

There will be two groups of questions. **Group A** is compulsory and will contain two questions. **Question No. 1** will be very short type of consisting of ten questions of 1 mark each. **Question No. 2** will be short answer type of 5 marks. **Group B** will contain descriptive type six question of fifteen marks each, out of which any four are to answer.

Note: There may be subdivision in each question asked in Theory Examinations.

SECURITY ANALYSIS-II

Theory: 60 Lectures; Tutorial: 10 Lectures

Objectives: To give advance insight regarding security analysis and management. It also develops knowledge regarding different influential factors related with security management.

Course Learning outcome

After completing this course student will be able to:

- Learn to construct and interpret various types of price charts. This includes understanding what each chart type reveals about price movements over different time frames.
- Gain expertise in using a wide range of mathematical indicators to generate trading signals and gauge market conditions.
- Understand how to apply technical analysis principles to any tradable financial instrument, including stocks, commodities, forex, and cryptocurrencies.

Unit I: Qualitative analysis -Business model: Understanding how a company operates, generates revenue, and maintains its market position. Management quality and corporate governance: Assessing the competence of the leadership team and the company's ethical and governance practices. Shareholding patterns: Examining the ownership structure of the company.

Lectures: 15

Unit II: Technical Analysis—Introduction, Basic Assumptions, Advantages and limitations of Technical Analysis. Market Theory—The Dow Theory, Fibonacci Numbers, Elliott Wave Principles, Kondratiev Wave Theory, Chaos Theory. Forms of efficient market hypothesis, Weak form, Semi strong forms and Strong forms.

Lectures: 06

Unit III: Charting, Importance and Limitations of Charts, Types of Charts Line Chart, Bar Chart, Candle stick Charts and Doji.

Lectures: 12

Unit IV: Patterns Study – Formation of Support and Resistance Lines, Important patterns and its significant – Head and shoulders, Double top and bottoms, Round Top and Bottom etc. Gap Analysis.

Lectures: 12

Unit V: Technical Indicators and Oscillators – Basic concepts, Types and significant of Technical indicators. Calculation and significant of Moving Average and Exponential Moving Average. Basic concepts, Types and significant of Oscillators – MACD, RSI & Bollinger's Bands.

Lectures: 15**Recommended Books**

1. Fundamentals of Investment Management—V.K. Bhalla
2. Investment Management-Security Analysis and Portfolio Management-V. K. Bhalla
3. Investment Management—V. Gangadhar & G. Ramesh Babu
4. Fisher and Jordan, 2017. Security Analysis and Portfolio Management, Prentice Hall, New Delhi
5. William F. Sharpe, 2018. Investment, Prentice Hal of India, New Delhi

Note: Latest edition of textbooks may be used

CORE COURSE – C9

(Credit: Theory – 05 + Tutorials -01=06)

Marks: 25 (MSE: 1Hr) + 75 (ESE: 3Hrs) =100**Pass Marks (MSE + ESE)=40****Instructions to Question Setter for
Mid Semester Examination (MSE):**

There will be two groups of questions. **Group A is compulsory** and will contain five questions of very short answer type consisting of 1 mark each. **Group B will contain descriptive type** six questions of five marks each, out of which any four are to answer.

End Semester Examination (ESE):

There will be two groups of questions. **Group A is compulsory** and will contain two questions. **Question No. 1 will be very short type** of consisting of ten questions of 1 mark each. **Question No. 2 will be short answer type** of 5 marks. **Group B will contain descriptive type** six question of fifteen marks each, out of which any four are to answer.

Note: There may be subdivision in each question asked in Theory Examinations.

FINTECH & DIGITAL FINANCE**Theory: 60 Lectures; Tutorial: 10 Lectures**

Objectives: Understand how finance and technology have evolved and are transforming finance around the world and discuss major technological trends, including cryptocurrencies, Blockchain, AI and Big Data.

Course Learning outcome

After completing this course student will be able to:

- Describe how Artificial Intelligence, Big Data, Crypto currencies and Block chain is changing the Financial World.
- Explain the recent developments in digital financial services.
- Analyze the progress of Fin-Tech Regulations.

Unit I: Fin-Tech: Introduction – Fin-Tech Evolution: Infrastructure, Collaboration between Financial Institutions and Start-ups – Fin-Tech Typology – Emerging Economics: Opportunities and Challenges – Introduction to Regulation Industry.

Lectures: 10

Unit II: Payments, Crypto currencies and Block chain – Introduction – Individual Payments – Digital Financial Services – Mobile Money – Regulation of Mobile Money – SFMS – RTGS – NEFT – NDS Systems – Crypto currencies – Legal and Regulatory Implications of Crypto currencies –Block chain – The Benefits from New Payment Stacks

Lectures: 10

Unit III: Digital Finance and Alternative Finance -Introduction – Brief History of Financial Innovation – Digitization of Financial Services – Fin-Tech & Funds- Crowd funding– Regards, Charity and Equity – P2P and Marketplace Lending – New Models and New Products – ICO

Lectures: 10

Unit IV: Fin-Tech Regulation and Reg-Tech -Introduction – Fin-Tech Regulations Evolution of Reg-Tech – Reg-Tech Ecosystem: Financial Institutions – Reg-Tech Ecosystem Ensuring Compliance from the Start: Suitability and Funds – Reg-Tech Startups: Challenges –Reg-Tech Ecosystem: Regulators Industry – Use Redesigning Better Financial Infrastructure

Lectures: 15

Unit V: Data & Tech – Introduction– Data in Financial Services –Application of Data Analytics in Finance – Methods of Data Protection – How AI is Transforming the Future of Fin-Tech –Digital Identity – Change in mindset: Regulation 1.0 to 2.0 (KYC to KYD) – AI & Governance – New Challenges of AI and Machine Learning – Challenges of Data Regulation

Lectures: 15**Recommended Books**

1. Susanne Chishti and Janos Barberis, "The FINTECH Book: The Financial Technology Handbook for Investors, Entrepreneurs and Visionaries", John Wiley, 1st Edition, 2016
2. Theo Lynn, John G. Mooney, Pierangelo Rosati, Mark Cummins, "Disrupting Finance: FinTech and Strategy in the 21st Century", Palgrave, 1st edition, 2018
3. Abdul Rafay, "FinTech as a Disruptive Technology for Financial Institutions", IGI Global

CORE COURSE – C10

(Credit: Theory – 05 + Tutorials -01=06)

Marks: 25 (MSE: 1Hr) + 75 (ESE: 3Hrs)=100**Pass Marks (MSE + ESE)=40****Instructions to Question Setter for****Mid Semester Examination (MSE):**

There will be two groups of questions. **Group A** is compulsory and will contain five questions of very short answer type consisting of 1 mark each. **Group B** will contain descriptive type six questions of five marks each, out of which any four are to answer.

End Semester Examination (ESE):

There will be two groups of questions. **Group A** is compulsory and will contain two questions. **Question No. 1** will be very short type of consisting of ten questions of 1 mark each. **Question No. 2** will be short answer type of 5 marks. **Group B** will contain descriptive type six question of fifteen marks each, out of which any four are to answer.

Note: There may be subdivision in each question asked in Theory Examinations.

PORTFOLIO MANAGEMENT-II**Theory: 60 Lectures; Tutorial: 10 Lectures**

Objective: This course provides the insight knowledge about the advance management of portfolios including its risk assessment systems in different parameters.

Course Learning outcome

After completing this course student will be able to:

- Identify how to make a fruitful investment
- Decisions Understand the approaches to security analysis and its Valuation
- Gain the knowledge about the portfolio theory and measurement of Risk Return

Unit I: Capital Asset Pricing Model—Introduction and Assumptions of CAPM, Concept of SML and CML. Estimation Beta and its significant. Concept of Risk Free rate of Return Application of CAPM in portfolio management.

Lectures: 14

Unit II: Factor Model and Arbitrage Pricing Theory— Assumptions basic Characteristics and significant of Single factor model, Multiple factor model, Arbitrage Pricing Theory (APT).

Lectures: 12

Unit III: Bond Portfolio Management Strategies—Active strategy and Passive Strategies, Bond indexing, Indexing methodologies and diversification of bond portfolio.

Lectures: 12

Unit IV: Portfolio Performance Evaluation—Measurement of Return, Risk adjusted measure of performance, Sharpe's Reward to Variability ratio, Treynor's Reward to Volatility ratio, Jansen's differential return measure, Application of other evaluation technique. Bond Portfolio performance measurement and evaluation.

Lectures: 20**Recommended Books**

1. Fundamentals of Investment Management—V.K. Bhalla
2. Investment Management-Security Analysis and Portfolio Management-V. K. Bhalla
3. Investment Management—V. Gangadhar & G. Ramesh Babu

Note: Latest edition of textbooks may be used

GENERIC ELECTIVE (GE 4A)**(Credit: Theory – 05 + Tutorials -01=06)****Marks: 100 (ESE: 3Hrs)=100****Pass Marks Th ESE =40****Instructions to Question Setter for**

There will be two groups of questions. **Group A is compulsory** and will contain three questions. **Question No. 1 will be very short type** of consisting of ten questions of 1 mark each. **Question No. 2 & 3 will be short answer type** of 5 marks. **Group B will contain descriptive type** six question of 20 marks each, out of which any four are to answer.

Note: There may be subdivision in each question asked in Theory Examinations.

APPLICATION OF IT IN FINANCE**75 Lectures; Tutorial: 15 Lectures**

Objectives: The most important aspects of business are strategic system and its applications at the various stages. Different models are analyzed thoroughly for proper understanding of business with its strategic application.

Course Learning outcome

After completing this course student will be able to:

- Perform tasks in word processing (like mail merge), create presentations in PowerPoint, and use Excel for data analysis, including mathematical and logical functions.
- Establish investment objectives, develop portfolio strategies, and evaluate performance.
- Understand how computer applications can be used for various business operations and re-engineer business processes using IT.

Unit I: Information System for Business: Need for Information Systems, Advantages, Disadvantages Information Systems. Data Base Concepts- Definition- Application: Data Interchange (EDI), Electronic Funds Transfer (EFT), M-Commerce Services & Applications. Emerging Trends in Computing – Cloud Computing, Cyber Crime, Need for Security - Security Threat & Attacks. Security Mechanisms - Cryptography, Digital Signature, Firewall

Lectures: 20

Unit II: Excel for financial modelling: Excel basics- - Excel features-financial – logical- statistical - mathematical, lookup reference. Custom formatting- shortcuts- array functions - pivot tables analysis – Tool pak-nested-cell references -named ranges-working with dates-linking external file- Useful windows keyboard shortcuts for financial modelers

Lectures: 25

Unit III: MS-ACCESS: Creating a database and tables by different methods- Entering and Editing Data Sorting, Filtering and Displaying data, Creating & querying using forms. Creating & printing reports and labels. MS- POWERPOINT-: Creation and designing of PPT, Link building with online and offline sources. Wrapping of PPT

Lectures: 15

Unit IV: Attributes of a good model- documenting excel model-debugging excel model- error avoidance strategies -using formula auditing tools for debugging-learning modelling using excel-graphic and written presentation-chart types-bubble and waterfall charts-charting with two different axes.

Lectures: 15**Recommended Books:**

1. Ken Laudon, Jane Laudon & RajnishDass, "Management Information System", 11nd Ed. Pearson.
2. B. Muthukumaran, "Information Technology for Management", 2010, Oxford.
3. S. Sudalaimuthu& S. Anthony Raj, "Computer Applications of Business", 2010, HPH.
4. Arpita Gopal & Chandrani Singh, "E - World- Emerging Trends in Information Technology".

Note: Latest edition of textbooks may be used

GENERIC ELECTIVE (GE 4B)

(Credit: Theory – 05 + Tutorials -01=06)

Marks: 100 (ESE: 3Hrs)=100**Pass Marks Th ESE =40****Instructions to Question Setter for****End Semester Examination (ESE):**

There will be two groups of questions. **Group A** is compulsory and will contain three questions. **Question No. 1** will be very short type of consisting of ten questions of 1 mark each. **Question No. 2 & 3** will be short answer type of 5 marks. **Group B** will contain descriptive type six question of 20 marks each, out of which any four are to answer.

Note: There may be subdivision in each question asked in Theory Examinations.

FINANCIAL LEGISLATION**Theory: 75 Lectures; Tutorial: 15 Lectures**

Objective: It gives an insight view of the different applicable laws related to financial matters related to Insurance, Banking and SEBI.

Course Learning outcome:

After completing this course student will be able to:

- Explain the structure and role of financial regulations in India and globally.
- Analyze the functions and regulatory mechanisms of key statutory bodies like RBI, SEBI, IRDA, and CCI.
- Interpret anti-money laundering laws, KYC norms, and understand the ethical implications in the regulatory space.

Unit I: Definition and sources of Law: Indian Judicial System, Source of Law, Administration of Justice in India—Power of Supreme Court, Other Courts, Tribunals and Lok Adalat. **Lectures: 15**

Unit II: Insurance Acts: The Insurance Act 1938, Duty of disclosure, Fraud, Indisputability, Assignment & Nomination, Policies under trust- Section 6 of the MWP Act—Loss of Policies, The IRDAI Act-1999-2002, Insurance Act 2015, The Life Insurance Corporation act- 1956, Insurance Ombudsmen. **Lectures: 25**

Unit III: Banking Acts: Banking Regulation Act 1949, Reserve Bank of India Act 1934 and Section 45, NBFC directions issued by RBI, Anti Money Laundering Act, SARFASI Act, Bank Ombudsmen. Digital personal data protection act: (DPDP ACT; 2023, Digital Fraud & Cyber Risk Management. **Lectures: 25**

Unit IV: Investment Regulatory Agencies and Acts: Rules and Regulations of Securities and Exchange Board of India (SEBI) about investment, Insolvency and Bankruptcy in India. **Lectures: 10**

Recommended Books

1. Laws Related to Banking and Insurance—O. P. Agarwal
2. Insurance Law and Practice—C. L. Tyagi & Madhu Tyagi
3. Business Laws—Nabhi's

Note: Latest edition of textbooks may be used

SKILL ENHANCEMENT COURSE (SEC 2)**(Credits: Theory-02)****Marks: =100 (ESE: 3Hrs)=100****Pass Marks Th ESE = 40****Instructions to Question Setter for****End Semester Examination (ESE):**

There will be two groups of questions. **Group A** is compulsory and will contain three questions. **Question No. 1** will be very short type of consisting of ten questions of 1 mark each. **Question No. 2 & 3** will be short answer type of 5 marks. **Group B** will contain descriptive type six question of 20 marks each, out of which any four are to answer.

Note: There may be subdivision in each question asked in Theory Examinations.

QUANTATIVE TECHNIQUES IN BUSINESS**Theory: 30 Lectures**

Objectives: To develop students' ability to apply quantitative methods and analytical tools for solving business problems, supporting decision-making, and improving organizational efficiency.

Course Learning Outcomes

After completing this course student will be able to:

- Understand and apply key quantitative techniques such as statistics, probability, and optimization in business contexts.
- Analyze business data to make informed and effective managerial decisions.
- Use quantitative models and tools to solve real-world business problems and improve operational efficiency.

Unit I: Introduction to Quantitative Techniques: Definition, Nature, and Scope of Quantitative Techniques, Role in Decision-Making and Research, Quantitative Models and their Business Applications, Limitations of Quantitative Approaches

Lectures: 03

Unit II: Measures of Central Tendency and Dispersion: Mean, Median, Mode, Geometric Mean, Harmonic Mean, Range, Quartile Deviation, Mean Deviation, Standard Deviation, Coefficient of Variation, Skewness and Kurtosis – Meaning and Interpretation

Lectures: 06

Unit III: Correlation and Regression Analysis: Meaning, Importance, and Types of Correlation, Karl Pearson's Coefficient, Spearman's Rank Correlation, Regression: Concept, Equation, Line of Best Fit, Uses, and Limitations, Coefficient of Determination (R^2) and Interpretation

Lectures: 08

Unit IV: Probability, Index Numbers, and Time Series: Probability: Concepts, Rules, Addition and Multiplication Theorems, Conditional Probability and Bayes' Theorem (Conceptual & Simple Problems), Index Numbers: Types, Methods (Simple & Weighted), Base Shifting, Deflation, Time Series: Components, Trend Analysis (Moving Average, Least Squares), Seasonal Variations

Lectures: 07

Unit V: Linear Programming & Decision Analysis: Concept, Formulation, and Assumptions of Linear Programming Problem (LPP), Graphical Method of Solving LPP (Two Variables), North west corner method, simplex, Vogals method, Transportation and Assignment Problems (Concept & Formulation), Decision Theory: Decision under Certainty, Risk, and Uncertainty, Game Theory (Pure and Mixed Strategies – Conceptual)

Lectures: 06**Recommended Books:**

1. Vohra, N.D. — Quantitative Techniques in Management
2. S.C. Gupta & Indra Gupta — Business Statistics
3. J.K. Sharma — Business Statistics
4. Anderson, Sweeney & Williams — Statistics for Business & Economics
5. Levin & Rubin — Statistics for Management

Note: Latest edition of textbooks may be used

-----END OF SEM IV-----

Semester – V

4 Papers

CORE COURSE – C11

(Credit: Theory – 05 + Tutorials-01=06)

Marks: 25 (MSE: 1Hr) + 75 (ESE: 3Hrs)=100

Pass Marks (MSE + ESE)=40

Instructions to Question Setter forMid Semester Examination (MSE):

There will be two groups of questions. **Group A is compulsory** and will contain five questions of very short answer type consisting of 1 mark each. **Group B will contain descriptive type** six questions of five marks each, out of which any four are to answer.

End Semester Examination (ESE):

There will be two groups of questions. **Group A is compulsory** and will contain two questions. **Question No. 1 will be very short type** of consisting of ten questions of 1 mark each. **Question No. 2 will be short answer type** of 5 marks. **Group B will contain descriptive type** six question of fifteen marks each, out of which any four are to answer.

Note: There may be subdivision in each question asked in Theory Examinations.

FINANCIAL ANALYTICS

Theory: 60 Lectures; Tutorial: 10 Lectures

Objective: This course introduces a core set of modern analytical tools that specifically target finance applications.

Course Learning Outcome

After completing this course student will be able to:

- Understand the role of analytics in finance.
- Develop knowledge about business valuation and types of methods used in valuation.
- Apply predictive modelling techniques in analyzing financial data for decision making.

Unit I: CORPORATE FINANCE ANALYSIS - Basic corporate financial predictive modelling- Project analysis- cash flow analysis- cost of capital using sensitivity analysis, Indifference point and Financial Break even modelling, Capital Budget Model-Payback, NPV, IRR, and MIRR. Bankruptcy Modelling Beaver t test, Ohison logistic regression and Alt Man Z score.

Lectures: 15

Unit II: FINANCIAL MARKET ANALYSIS - Estimation and prediction of risk and return (bond investment and stock investment) – adjusting for stock splits, adjusting for mergers, plotting multiple series, data importing from web portal and data cleansing. Time series-examining nature of data, EWMOA, Value at risk, ARMA, ARCH and GARCH.

Lectures: 15

Unit III: PORTFOLIO ANALYSIS - Portfolio Analysis – Capital asset pricing model, Sharpe ratio, Markowitz's mean variance optimization model and cluster analysis for categorization of portfolio. Option pricing models- binomial model for options, Black Scholes model and Option implied volatility.

Lectures: 10

Unit IV: TECHNICAL ANALYSIS - Prediction using chart and fundamentals – RSI, ROC, MACD, moving average and candle charts, simulating trading strategies. Prediction of share prices using machine learning- ANN and SVM.

Lectures: 10

Unit V: CREDIT RISK ANALYSIS - Credit Risk analysis- Data processing, Decision trees, logistic regression and evaluating credit risk model.

Lectures: 10**Recommended Books:**

1. Financial analytics with R by Mark J. Bennett, Dirk L. Hugen, Cambridge university press.
2. Haskell Financial Data Modeling and Predictive Analytics Paperback – Import, 25 Oct 2013 by Pavel Ryzhov.
3. Quantitative Financial Analytics: The Path To Investment Profits Paperback – Import, 11 Sep 2017 by Edward E Williams (Author), John A Dobelman.
4. Python for Finance - Paperback – Import, 30 Jun 2017 by Yuxing Yan (Author).
5. Mastering Python for Finance Paperback – Import, 29 Apr 2015 by James Ma Weiming.

CORE COURSE – C12**(Credit: Theory – 05 + Tutorials-01=06)****Marks: 25 (MSE: 1Hr) + 75 (ESE: 3Hrs)=100****Pass Marks (MSE + ESE)=40****Instructions to Question Setter for
Mid Semester Examination (MSE):**

There will be two groups of questions. Group A is compulsory and will contain five questions of very short answer type consisting of 1 mark each. Group B will contain descriptive type six questions of five marks each, out of which any four are to answer.

End Semester Examination (ESE):

There will be two groups of questions. Group A is compulsory and will contain two questions. Question No. 1 will be very short type of consisting of ten questions of 1 mark each. Question No. 2 will be short answer type of 5 marks. Group B will contain descriptive type six question of fifteen marks each, out of which any four are to answer.

Note: There may be subdivision in each question asked in Theory Examinations.

FINANCIAL DERIVATIVES - I**Theory: 60 Lectures; Tutorial: 10 Lectures**

Objective: This course gives primary knowledge regarding financial derivatives with its various types and features which is an essential part of every financial investment.

Course Learning outcome

After completing this course student will be able to:

- Outline various types of derivatives including options, futures, and swaps etc.
- Interpret the trading mechanism of derivatives.
- Differentiate between various trading strategies using options and futures and analyze the value of options using option pricing models.

Unit I: Global Derivatives Market—Recent Trends, Derivatives market in India, Regulatory and Trading Framework.

Lectures: 06

Unit II: Basic Features, types and applications of Derivatives.

Lectures: 08

Unit III: Forward Contracts – Concept, Example, features, Merits and demerits, Types and uses of Forward contacts

Lectures: 06

Unit IV: Future Contracts – Concept, Example, features, Merits and demerits, Types, Pricing, Factors determining for Pricing and uses of Future contacts.

Lectures: 12

Unit V: Options Contracts – Concept, Example, feature, Merits and demerits, Types, Pricing, Factors determining for Pricing and uses of option contacts.

Lectures: 12

Unit VI: Clearing and Settlements system of Derivative contract. Marked to market margin requirements.

Lectures: 10

Unit VII: Option Greeks and Basic option strategies

Lectures: 06**Recommended Books:**

1. Fundamentals of Investment Management—V.K. Bhalla
2. Investment Management-Security Analysis and Portfolio Management-V. K. Bhalla
3. Investment Management—V. Gangadhar & G. Ramesh Babu

Note: Latest edition of textbooks may be used

DISCIPLINE SPECIFIC ELECTIVE (DSE 1)

(Credits: Theory-05, Tutorial-01=06)

Marks : 25 (MSE: 1Hr) + 75 (ESE: 3Hrs)=100**Pass Marks (MSE + ESE) =40****Instructions to Question Setter for****Mid Semester Examination (MSE):**

There will be two groups of questions. **Group A is compulsory** and will contain five questions of **very short answer type** consisting of 1 mark each. **Group B will contain descriptive type** six questions of five marks each, out of which any four are to answer.

End Semester Examination (ESE):

There will be two groups of questions. **Group A is compulsory** and will contain two questions. **Question No. 1 will be very short type** of consisting of ten questions of 1 mark each. **Question No. 2 will be short answer type** of 5 marks. **Group B will contain descriptive type** six question of fifteen marks each, out of which any four are to answer.

Note: There may be subdivision in each question asked in Theory Examinations.

INTERNATIONAL FINANCE**Theory: 60 Lectures; Tutorial: 10 Lectures**

Objective: It develops knowledge regarding financial transaction at the international level with different procedural aspects. It also includes different international accounting aspects for financial management.

Course Learning outcome

After completing this course student will be able to:

- Recognize the difference in the operations in the international and domestic financial markets
- Explain the various ways the exchange rate evolved over the years in the international markets.
- Explain the exchange rate fluctuations in the market and recognize opportunity of managing exchange risk using the forward markets

Unit I: International Financial environment- Concept, components and goals of international finance.

Lectures: 05

Unit II: Balance of Payment- Concept, components and principles of BOP. Current account deficit and surplus and Capital account convertibility.

Lectures: 15

Unit III: Foreign Exchange Management –Forex market, Need of Forex management, Factors determining exchange rates. Nomenclature, quotations and rates of Currencies Different system of foreign currency exchange rate.

Lectures: 15

Unit IV: Documentary Letters of Credit-UCPDC (Uniform Code of Procedure for Documentary Credit) 600, e UDC.

Lectures: 05

Unit V: Various facilities to Exporters and Importers including Forfeiting and factoring.

Lectures: 05

Unit VI: Correspondent Banking-Bank Accounts-NOSTRO and VOSTRO Accounts-SWIFASHION TECHNOLOGYS (Society for Worldwide Financial Telecommunication System)-CHIPS (Clearing House Interbank Payment System), CHAPS (Clearing House Auto Payment System), FEDWIRE (Federal Reserve Wire System)

Lectures: 10

Unit VII: FDI and FII – Definition, Basic criteria for registration and role of FDI and FII.

Lectures: 05**Recommended Books:**

1. International Financial Management by V Sharan
2. International Financial Management by EUN, CHEOL
3. International Financial Management by P.G Appe

Note: Latest edition of textbooks may be used

DISCIPLINE SPECIFIC ELECTIVE (DSE 2)

(Credits: Theory-05, Tutorial-01=06)

Marks : 25 (MSE: 1Hr) + 75 (ESE: 3Hrs)=100**Pass Marks (MSE + ESE) =40****Instructions to Question Setter for****Mid Semester Examination (MSE):**

There will be two groups of questions. **Group A is compulsory** and will contain five questions of very short answer type consisting of 1 mark each. **Group B will contain descriptive type** six questions of five marks each, out of which any four are to answer.

End Semester Examination (ESE):

There will be two groups of questions. **Group A is compulsory** and will contain two questions. **Question No. 1 will be very short type** of consisting of ten questions of 1 mark each. **Question No. 2 will be short answer type** of 5 marks. **Group B will contain descriptive type** six question of fifteen marks each, out of which any four are to answer.

Note: There may be subdivision in each question asked in Theory Examinations.

BEHAVIOURAL FINANCE**Theory: 60 Lectures; Tutorial 10 Lectures**

Objectives: It provides the knowledge various natures of financial behaviors regarding investments and consultation as providing suggestions by various financial investment experts. Human sprees of investment also cover for various types of investments and its related matters.

Course Learning outcome

After completing this course student will be able to:

- Acquire disciplinary knowledge in behavioral finance, exploring irrationalities in savings and investment decisions, as well as financial market puzzles.
- Cultivate critical thinking and problem-solving abilities through comprehensive training in finance, with a special focus on savings, investment, and financial markets.
- Engage in reflective thinking to evaluate their financial decisions and continuously improve their strategies.

Unit I: Introduction to Behavioral Finance- Rational Markets Hypothesis and the Challenge of Behaviouralist Intellectual Underpinnings

Lectures: 10

Unit II: Heuristics and Biases - How the Human Mind Works) The Two Systems, Familiarity and Related Heuristics, Representativeness and Related Biases. The Heuristics and Biases Mean for Decision Making.

Lectures: 10

Unit III: Forms of Self-Deception- Overconfidence & other forms of self-deception, Causes of Overconfidence, The Success Equation: Untangling Skill and Luck in Business. Implications of Overconfidence for Decision Making

Lectures: 10

Unit IV: Substance of Emotion - Theories of Emotion, Evolutionary Perspective on Emotions, Types and Dimensions of Emotions, Emotional Style, Emotions and Investing, Fairness, Reciprocity, and Trust, Conformity, Social Influence on Investment and Consumption.

Lectures: 10

Unit V: Investor Behaviour - Portrait of an Individual Investor, Influence of Emotions, Implications of Mental Accounting, Behavioral Portfolio Theory and designing portfolio, Knowing Yourself: Psychographic Models, Basic Ingredients of a Sound Investment Philosophy, and Guidelines for Overcoming Psychological Biases. (Neuro finance). neuroscientific basis of Financial Decision Making.

Lectures: 20**Recommended Books**

1. Chandra, P, "Behavioural Finance", McGraw Hill Publication
2. Forbes, William, "Behavioural Finance", Student ed, Wiley Publication

Note: Latest edition of text books may be used

-----END OF SEM V-----

Semester – VI**4 Papers****CORE COURSE – C13****(Credits: Theory-05, Tutorial-01=06)****Marks: 25 (MSE: 1Hr) + 75 (ESE: 3Hrs)=100****Pass Marks (MSE + ESE)=40****Instructions to Question Setter for****Mid Semester Examination (MSE):**

There will be two groups of questions. Group A is compulsory and will contain five questions of very short answer type consisting of 1 mark each. Group B will contain descriptive type six questions of five marks each, out of which any four are to answer.

End Semester Examination (ESE):

There will be two groups of questions. Group A is compulsory and will contain two questions. Question No. 1 will be very short type of consisting of ten questions of 1 mark each. Question No. 2 will be short answer type of 5 marks. Group B will contain descriptive type six question of fifteen marks each, out of which any four are to answer.

Note: There may be subdivision in each question asked in Theory Examinations.

COMMODITY MARKET OPERATION**Theory: 60 Lectures; Tutorial: 10 Lectures**

Objective: This course provides very insight knowledge regarding various commodity exchanges with its working procedures in relation to different trading options.

Course Learning outcome:

After completing this course student will be able to:

- Understand the derivative trading in commodities and its risk management
- Understand the mechanism of commodity derivative trading
- Analyze the commodity derivative with respect to accounting treatment and taxation

Unit I: INTRODUCTION TO COMMODITY MARKETS -History of Commodity Trading-Spot and Derivatives Trading in Commodities-Major Commodities Traded in Derivatives Exchanges in India-Participants in Commodity Derivatives Markets-Commodities Trading Vis-à-vis Trading in Other Financial Assets Commodity Markets Ecosystem-Commodity Market Indices-Factors Impacting the Commodity Prices

Lectures 10

Unit II: COMMODITY FUTURES -Introduction to Futures-Distinction between Forwards and Futures-Cost-of-Carry Convergence-Fair Value of a Futures Contract-Convenience Yield-Commodity Futures and Commodity Forwards-Pay-off profile for Futures Contracts-Spot Price Polling.

Lectures 10

Unit III: COMMODITY OPTIONS - Introduction to Options-Option Terminology-Pay off Profiles of Options Contracts Determinants of Option Premium-Options on Commodity Futures.

Lectures 10

Unit IV: USES OF COMMODITY DERIVATIVES - Hedging-Long Hedge and Short Hedge Strategy: Using Futures-Speculation-Arbitrage Spread Trading-Basis-Option Trading Strategies.

Lectures 10

Unit V: CLEARING SETTLEMENT & RISK MANAGEMENT OF COMMODITY DERIVATIVES-Clearing and Settlement-Delivery Process-Entities Involved in the Clearing and Settlement Process-Premium/Discount-Penalty for Delivery Default by the Seller-Deliveries in the Case of Physical Delivery-Risk Management for Exchange Traded Commodity Derivatives Markets-Position Limits and Computation of Open Position-Salient Features of Risk Containment Measures-Margin Mechanism.

Lectures 10

Unit VI: ACCOUNTING, TAXATION AND LEGAL ASPECTS - Important Accounting Aspects related to Trading in Commodity Derivatives-Guidance Note Issued by ICAI on Accounting Treatment of Derivative Transactions-Important Tax Aspects related to Trading in Commodity Derivatives- Regulatory Structure of Commodities Market-Securities Contracts (Regulation) Act, 1956.

Lectures 10

Recommended Books:

1. Commodities Market Module Workbook from NSE
2. Chatnani, (2010), Commodity Markets, 1st edition, Tata McGraw Hill.
3. Kleinman, George, (2001), Commodity Futures & Options, 2nd (revised, illustrated edition),
4. Stephens, John. (2001), Managing Commodity Risk, John Wiley & Sons.
5. Indian Institute of Banking & Finance, (2007), Commodity Derivatives, Macmillan India

Note: Latest edition of textbooks may be used

CORE COURSE – C14

(Credits: Theory-05, Tutorial-01=06)

Marks: 25 (MSE: 1Hr) + 75 (ESE: 3Hrs)=100**Pass Marks (MSE + ESE)=40****Instructions to Question Setter for****Mid Semester Examination (MSE):**

There will be two groups of questions. **Group A is compulsory** and will contain five questions of **very short answer type** consisting of 1 mark each. **Group B will contain descriptive type** six questions of five marks each, out of which any four are to answer.

End Semester Examination (ESE):

There will be two groups of questions. **Group A is compulsory** and will contain two questions. **Question No. 1 will be very short type** of consisting of ten questions of 1 mark each. **Question No. 2 will be short answer type** of 5 marks. **Group B will contain descriptive type** six question of fifteen marks each, out of which any four are to answer.

Note: There may be subdivision in each question asked in Theory Examinations.

FINANCIAL DERIVATIVES - II**Theory: 60 Lectures; Tutorial: 10 Lectures**

Objectives: This course gives advance knowledge regarding financial derivatives applications related to different trading options and its applications in different situations of trading.

Course Learning outcome

After completing this course student will be able to:

- Design Outline various types of derivatives including options, futures, and swaps etc.
- Interpret the trading mechanism of derivatives.
- Demonstrate the use of swaps in risk management.

Unit I: Swaps Contract - Definition and Examples, Basic features, Types, advantages and disadvantages of Swap contract. The basic swap structures - Interest rate swaps, Equity Swap, Currency swaps, Commodity Swap, Credit Default Swap and Basis rate swaps Application of Swap Contracts. Swap options—Caps and floors contracts.

Lectures: 20

Unit II: Convertible Securities, and Debentures, - Concept, examples, and Characteristic Features of Convertibles, Valuation of Convertibles and its uses.

Lectures: 10

Unit III: Warrants— Concept, examples, and Characteristic Features of Warrants, Valuation of and its uses.

Lectures: 10

Unit IV: Hedging—Objectives, Process and types of Hedging. Short Hedging, Long Hedging and Cross hedges. Strategies for hedging, Short term interest rate hedge, The long hedge, Asset-Liability hedge, Portfolio hedge.

Lectures: 20**Recommended Books**

1. Fundamentals of Investment Management—V.K. Bhalla
2. Investment Management-Security Analysis and Portfolio Management-V. K. Bhalla
3. Investment Management—V. Gangadhar & G. Ramesh Babu

Note: Latest edition of textbooks may be used

DISCIPLINE SPECIFIC ELECTIVE (DSE 3)**(Credits: Theory-05, Tutorial-01=06)****Marks : 25 (MSE: 1Hr) + 75 (ESE: 3Hrs)=100****Pass Marks (MSE + ESE) =40****Instructions to Question Setter for****Mid Semester Examination (MSE):**

There will be two groups of questions. **Group A is compulsory** and will contain five questions of very short answer type consisting of 1 mark each. **Group B will contain descriptive type** six questions of five marks each, out of which any four are to answer.

End Semester Examination (ESE):

There will be two groups of questions. **Group A is compulsory** and will contain two questions. **Question No. 1 will be very short type** of consisting of ten questions of 1 mark each. **Question No. 2 will be short answer type** of 5 marks. **Group B will contain descriptive type** six question of fifteen marks each, out of which any four are to answer.

Note: There may be subdivision in each question asked in Theory Examinations.

ENTREPRENEURSHIP DEVELOPMENT**Theory: 60 Lectures; Tutorial: 10 Lectures**

Objective: To develop an entrepreneurial mind-set and equip students with the knowledge, skills, and attitudes necessary to identify business opportunities, create innovative ventures, and manage small and medium enterprises successfully.

Course Learning Outcome:

After completing this course student will be able to:

- Understand the concepts, theories, and process of entrepreneurship and innovation.
- Identify, evaluate, and develop viable business opportunities and plans.
- Demonstrate the skills required for starting, managing, and sustaining entrepreneurial ventures.

Unit 1: Entrepreneurial Management: The evolution of the concept of entrepreneurship, John Kao's Model on Entrepreneurship, Idea generation, Identifying opportunities and Evolution, Building the Team/Leadership, Strategic planning for business, Steps in strategic planning, Forms of ownership-Sole proprietorship, partnership, limited liability partnership and corporation form of ownership, advantage/disadvantage, Franchising, advantages/disadvantages of franchising, types of franchise arrangements, franchise contracts, franchise evolution checklist, Financing entrepreneurial ventures, managing growth, Valuation of a new company, Harvesting and Exist strategies, Corporate Entrepreneurship. **Lectures: 10**

Unit II: Application of CPM, PERT in Enterprise Management: Importance of project management in new ventures and MSMEs, Role of planning and scheduling in entrepreneurial success, Overview of project life cycle: conception, planning, execution, and control, Meaning and purpose of network analysis, Comparison between CPM and PERT, Relevance of CPM and PERT in entrepreneurial project planning and control, Steps in CPM analysis - Listing activities and their durations, Drawing the network, Calculating Earliest Start Time (EST), Earliest Finish Time (EFT), Calculating Latest Start Time (LST), Latest Finish Time (LFT), Identifying the Critical Path, Importance of the critical path for entrepreneurs, Applications of CPM in time and cost optimization, Concept of three time estimates - Optimistic time (to), Most likely time (tm), Pessimistic time (tp), Calculation of expected time (te), Variance and standard deviation of project duration, Probability of project completion within a given time, Application of PERT in managing project uncertainty, Using CPM and PERT for - New business setup and product launch planning, Resource allocation and scheduling, Time-cost trade-off decisions, Identifying project bottlenecks and improving efficiency, Role in decision-making, control, and monitoring of entrepreneurial ventures **Lectures: 15**

Unit III: Entrepreneurship Creativity and Innovation: Stimulating Creativity, Organizational actions that enhance/hinder creativity, Managerial responsibilities, Creative Teams, source of innovation business, managing organizations for innovation and positive creativity. **Lectures: 06**

Unit IV: Social Entrepreneurship: Introduction to social entrepreneurship, Characteristics and role of social entrepreneurs, Innovation and Entrepreneurship in a social Context, Start-Up and early stage venture issues in creating and sustaining a Non-profits organization, Financing and Risks, Business Strategies and Scaling up. **Lectures: 06**

Unit V: Family Business and Entrepreneurship: The entrepreneur, role and personality, family business, concepts, structure and kinds of family firms, culture and innovation of family firm, managing business, family and shareholder relationships, conflict and conflict resolution in family firms, managing leadership, succession and continuity, women's issues in the family business, encouraging change in the family business system.

Lectures: 07

Unit VI: Entrepreneurship management for MSME: Concept, nature, characteristics and types of entrepreneurs, Role and importance of MSMEs in the economy, Classification and features of MSMEs (as per latest MSME Act), Challenges and opportunities in the MSME sector, Sources of finance, Financial planning and working capital management for MSMEs, Cost control, budgeting, and pricing decisions, Succession planning and professionalization of MSMEs, Managing risk and uncertainty in small businesses, Sustainability and CSR in MSMEs, Establishing MSMEs, Case studies of successful MSMEs and entrepreneurs

Lectures: 10

Unit VII: Financing the Entrepreneurial Business: Arrangements of funds, traditional source of financing, Loan syndicating, Consortium finance, role played by commercial banks, appraisal of loan applications by financial institutions, Venture capital.

Lectures: 06

Recommended Books:

1. Entrepreneurship Development and Management – Vasant Desai
2. Entrepreneurship Development and Small Business Enterprises – Poornima M. Charantimath
3. Entrepreneurship and Small Business Management – C.B. Gupta & S.S. Khanka
4. Entrepreneurship Development – S. Anil Kumar, Poornima, K. Abraham, & Jayashree
5. Small Business Management and Entrepreneurship – David Stokes & Nicholas Wilson
6. MSME Policy and Management – R.K. Mishra & K. Goyal

Note: Latest edition of textbooks may be used

DISCIPLINE SPECIFIC ELECTIVE (DSE 4)**(Credit: Theory: 01 + Tutorials: 05=06)****Marks: 50 (Internal Evaluation)+50 (External Evaluation)=100 Pass Marks (Internal + External)=40****ON JOB TRAINING****Objectives:** To provide basic and hand on understanding of the industry.**On the Job Works for six to eight weeks at the Designated Organization recommended by the college****Guidelines to Examiners for End Semester Examination (ESE Pr):**

Evaluation of project dissertation work may be as per the following guidelines:

Overall project dissertation may be evaluated under the following heads by External & Internal Examiners Separately:

- **Motivation for the choice of topic = 05 marks**
- **Project dissertation design = 05 marks**
- **Methodology and Content depth = 10 marks**
- **Results, Discussion & Future Scope = 05 marks**
- **Presentation style = 10 marks**
- **Viva-voce = 15 marks**
- **Total Marks = 50 x 2 = 100**

PROJECT WORK

All student related to Specific discipline will undergo 'Training/Project' of minimum 6 weeks duration in Semester-VI, related to area of their specialization. Student alone or in a group of not more than three, shall undertake one Project Dissertation approved by the Subject Teacher / H.O.D. of the Department/College concerned.

The progress of the Project Dissertation shall be monitored by the faculty members at regular intervals, and followed by internal and external viva exam of 50 marks each.

Training Schedule: The students will be allowed to work on any project based on the concepts studied in core /elective or skill based elective courses.

The Units imparting industrial exposure shall conduct formal induction sessions and emphasis on personality skills while acquainting the learners with skills of trade.

Academic Credits for training shall be based on following:

- Log books and attendance
- Appraisals, Report and presentation, as applicable. For distribution of marks refer to details on Course structure/ Credit Distribution during the tenure of Industrial Exposure, apart from carrying out the assigned jobs. All trainees must ensure that the log books and appraisals are signed by the departmental/ sectional heads as soon as training in a particular department or section is completed. Trainees are also advised to make a report in their specialization in Semester-VI on completion of training in that respective department.
- A Power Point presentation (based on the report) for duration of **10 minutes** should be make. This will be presented in front of a select panel from the institute and the industry. The presentation should express the student's experiences in the department and what has he learned/ observed.

Marks will be awarded on this presentation and documents submitted to the faculty coordinator at the institute. Students have to submit the following on completion of industrial training to the concern faculty at the college:

1. Synopsis submission
2. Synopsis Approval will be given within a week from the date of submission.
3. Synopsis will be approved by concerned department faculty member.
4. Faculty members will be the internal guide of particular group of Students.
5. The group size will be minimum of 1 candidate and maximum of 3 candidates.
6. Group will present power point presentation in front of panel and submit the project status Report within the 15 to 20 days from the date of approval.
7. Final Project Submission contains Hard copy, Soft copy & leave letter. Project hard copy contains
 - a) Front page
 - b) Certificate of Authenticity
 - c) Certificate of job Trainings
 - d) Declaration
 - e) Acknowledgement

- f) Preface
- g) Table of content/index
- h) Objective of the project
- i) Scope of the Project
- j) Project guidelines (These points are mandatory)
 - 1. Introduction with Company profile.
 - 2. Vision, mission & objective.
 - 3. SWOT Analysis.
 - 4. Chronology of Achievements.
 - 5. Topic introduction & discussion.
 - 6. Its relevance & implication in company.
 - 7. Findings.
 - 8. Conclusion
 - 9. Further enhancement (Suggestion).
 - 10. Bibliography
 - 11. Reference Website
 - 12. CD (Compact Disc/Soft copy)
- k) The file should be Book Binding. One Project Report for office copy and each candidate must have its own copy.

*Topics, Objectives & Guidelines of the Project is to be decided by the Project Guide.

-----END OF SEM VI-----

End of Syllabi-B. Com (Financial Market Operation) Honors

ANNEXURE-I

UNDERGRADUATE B.COM (FINANCIAL MARKET OPERATION) HONORS PROGRAMME**Distribution of Credits Semester wise for Undergraduate Honors Courses****Semester wise distribution of 164 Credits**

	CC	AECC	GE-A	GE-B	SEC	DSE	Total Credits
Semester I	12	02	06	06			26
Semester II	12	02	06	06			26
Semester III	18		06	06	02		32
Semester IV	18		06	06	02		32
Semester V	12					12	24
Semester VI	12					12	24
	84	04	24	24	04	24	164

CC = Core Course; AECC = Ability Enhancement Compulsory Course; GE = Generic Elective; SEC = Skill Enhancement Course; DSE = Discipline Specific Elective

ANNEXURE-II

MARKS DISTRIBUTION FOR EXAMINATIONS AND FORMAT OF QUESTION PAPERS

Marks distribution of Theory Examinations of Mid Semester:

Topic	Code	Full Marks	Pass Marks	Time	Group-A (Very Short answer type Compulsory Questions) No. of Questions X Marks = F.M.	Group-B (Descriptive Questions with Choices) No. of Questions X Marks = F.M.	Total No. of Questions to Set	
							Group A	Group B
Mid Sem	T25	25	---	1 Hr	5 x 1 =5	4 (out of 6) x 5=20	5	6

Marks distribution of Theory Examinations of End Semester

Topic	Code	Full Marks	Pass Marks	Time	Group-A (Very Short answer type Compulsory Questions) No. of Questions X Marks = F.M.	Group-B (Descriptive Questions with Choices) No. of Questions X Marks = F.M.	Total No. of Questions to Set	
							Group A	Group B
End Sem	T75	75	40	3 Hrs	Q.No.1 (10x1) +1x5 =15	4 (out of 6) x 15=60	2	6
	T100	100	40	3 Hrs	Q.No.1 (10x1) +2x5 =20	4 (out of 6) x 20=80	3	6

Question No.1 in Group – A carries 10 very short answer type 1Mark Questions.

Abbreviations: T=Theory Examination, P= Practical Examination, I=Internal Exam, E=External Exam

Note: There may be sub divisions in each question asked in Theory Examinations.

Marks distribution of Practical Examinations of End Semester

Topic	Code	Full Marks	Pass Marks	Distribution of Marks	
End Sem	P50 + P50	100		(Internal + External)	Project File
				40 (I + E)	Viva
					P25 + P25
					P25 + P25

Abbreviations: T=Theory Examination, P= Practical Examination, I=Internal Exam, E=External Exam

Note: There may be sub divisions in each question asked in Theory Examinations.

ANNEXURE-III

**FORMAT OF QUESTION PAPER FOR MID SEM EXAMINATION OF
SUBJECTS WITHOUT PRACTICAL**



St. Xavier's College, Ranchi

Mid Semester No. _____

Exam Year _____

Subject/Code _____

F.M. = 25

Time = 1Hr.

General Instructions:

- i. **Group A** carries very short answer type compulsory questions.
- ii. **Answer any 4 out of 6** subjective/ descriptive questions given in **Group B**.
- iii. Answer in your own words as far as practicable.
- iv. Answer all sub parts of a question at one place.
- v. Numbers in right indicate full marks of the question.

Group A [5x1=5]

1.
2.
3.
4.
5.

Group B [5x4=20]

1.
2.
3.
4.
5.
6.

[5]
[5]
[5]
[5]
[5]
[5]

Note: There may be subdivisions in each question asked in Theory Examination.

ANNEXURE-IV

**FORMAT OF QUESTION PAPER FOR END SEM EXAMINATION OF
SUBJECTS WITHOUT PRACTICAL**



St. Xavier's College, Ranchi

Mid Sem No. _____

Exam Year _____

Subject/Code _____

F.M. =75

P.M. =40 (Including Mid Sem)

Time=3Hrs.

General Instructions:

- i. **Group A** carries very short answer type compulsory questions.
- ii. **Answer any 4 out of 6** subjective/ descriptive questions given in **Group B**.
- iii. Answer in your own words as far as practicable.
- iv. Answer all sub parts of a question at one place.
- v. Numbers in right indicate full marks of the question.

Group A

1.

[10x1=10]

a.

b.

c.

d.

e.

f.

g.

h.

i.

j.

2.

[5x1=5]

Group B

1.

[15]

2.

[15]

3.

[15]

4.

[15]

5.

[15]

6.

[15]

Note: There may be subdivisions in each question asked in Theory Examination.

ANNEXURE-V

**FORMAT OF QUESTION PAPER FOR END SEM EXAMINATION OF
GE, SEC & AECC PAPERS**



St. Xavier's College, Ranchi

End Sem No. _____

Exam Year _____

Subject/Code _____

F.M. = 100

P.M. = 40

Time=3 Hrs.

General Instructions:

- i. **Group A** carries very short answer type compulsory questions.
- ii. **Answer any 4 out of 6** subjective/ descriptive questions given in **Group B**.
- iii. Answer in your own words as far as practicable.
- iv. Answer all sub parts of a question at one place.
- v. Numbers in right indicate full marks of the question.

Group A

1.

[10x1=10]

a.

b.

c.

d.

e.

f.

g.

h.

i.

j.

2.

[5x1=5]

3.

[5x1=5]

Group B

1.

[20]

2.

[20]

3.

[20]

4.

[20]

5.

[20]

6.

[20]

Note: There may be subdivisions in each question asked in Theory Examination.

ANNEXURE-VI

**FORMAT OF INTERNAL EXAMINATION FOR
ON THE JOB TRAINING ASSESSMENT****St. Xavier's College, Ranchi**

Mid Sem No. _____

Exam Year _____

Subject/Code _____

F.M. =50

General Instructions:

- | | |
|--------------------------------------|----------|
| ➤ Motivation for the choice of topic | 05 marks |
| ➤ Project dissertation design | 05 marks |
| ➤ Methodology and Content depth | 10 marks |
| ➤ Results, Discussion & Future Scope | 05 marks |
| ➤ Presentation style | 10 marks |
| ➤ Viva-voce | 15 marks |

ANNEXURE-VII

**FORMAT OF EXTERNAL EXAMINATION FOR
ON THE JOB TRAINING ASSESSMENT****St. Xavier's College, Ranchi**

Mid Sem No. _____

Subject/Code _____

Exam Year _____

F.M = 50**P.M = 40 (Internal + External)****General Instructions:**

- | | |
|--------------------------------------|----------|
| ➤ Motivation for the choice of topic | 05 marks |
| ➤ Project dissertation design | 05 marks |
| ➤ Methodology and Content depth | 10 marks |
| ➤ Results, Discussion & Future Scope | 05 marks |
| ➤ Presentation style | 10 marks |
| ➤ Viva-voce | 15 marks |

ANNEXURE-VIII

Semester wise paper along with their credit system:

Sem - I	Sem - II	Sem - III	Sem - IV	Sem - V	Sem - VI	Credit System
Core 1	Core 3	Core 5	Core 8	Core 11	Core 13	Core = 6 Credit
Core 2	Core 4	Core 6	Core 9	Core 12	Core 14	GE = 6 Credit
AECC 1	AECC 2	Core 7	Core 10	DSE 1	DSE 3	AECC = 2 Credit
GE 1A	GE 2A	SEC 1	SEC 2	DSE 2	DSE 4	SEC = 2 Credit
GE1B	GE2B	GE 3A	GE 4A			DSE = 6 Credit
		GE3B	GE4B			

Calculation of SGPA & CGPA based on 10-point scale:**Calculation of SGPA & CGPA based on 10 Point Scale**

$$\text{Credit Point} = \text{Gr. Pt. (GrP)} \times \text{Cr}$$

Semester Grade Point Average (SGPA)

$$\text{SGPA} = \frac{\sum (\text{GrP} \times \text{Cr})}{\sum \text{Cr}} = \frac{\sum \text{Crp}}{\sum \text{Cr}}$$

Cumulative Grade Point Average (CGPA)

$$\text{CGPA} = \frac{\sum_{s=1}^n (\text{Crp})_s}{\sum_{s=1}^n (\text{Cr})_s}$$

Grade and Grade Point Table

Marks in %	Grade	Grade Point
91-100	O	10
81-90	A+	9
71-80	A	8
61-70	B+	7
51-60	B	6
46-50	C	5
40-45	P	4
< 40	F	0
Absent	X	0

ANNEXURE-IX

**Sample Calculation for SGPA & CGPA for
Undergraduate B. Com (Financial Market Operation) Honors Programme**
Sample Calculation for SGPA:

SEM	Course	Credit	Grade Letter	Grade Point	Credit Point (Credit X Grade)	SGPA (Credit Point/Credit)
I	C1	06	A	8	48	
	C2	06	B+	7	42	
	AECC 1	02	B	6	12	
	GE 1A	06	B	6	36	
	GE 1B	06	B+	7	42	
	Total	26			180	6.92(180/ 26)
II	C3	06	B	6	36	
	C4	06	C	5	30	
	AECC - 2	02	B+	7	14	
	GE 2A	06	A+	9	54	
	GE 2B	06	B+	7	42	
	Total	26			176	6.76(176/ 26)
III	C5	06	A+	9	54	
	C6	06	O	10	60	
	C7	06	A	8	48	
	SEC1	02	A	8	16	
	GE 3A	06	O	10	60	
	GE 3B	06	B+	7	42	
	Total	32			280	8.75(280/ 32)
IV	C8	06	B	6	36	
	C9	06	A+	9	54	
	C10	06	B	6	36	
	SEC2	02	A+	9	18	
	GE 4A	06	A	8	48	
	GE 4B	06	B+	7	42	
	Total	32			234	7.31(234/ 32)
V	C11	06	B	6	36	
	C12	06	B+	7	42	
	DSE1	06	O	10	60	
	DSE2	06	A	8	48	
	Total	24			186	7.75(186/ 24)
VI	C11	06	A+	9	54	
	C12	06	A	8	48	
	DSE1	06	B+	7	42	
	DSE2	06	A	8	48	
	Total	24			192	8.0(192/24)
CGPA						
Grand Total		164			1248	7.61(1248/ 164)

Sample Calculation for CGPA:

Semester I	Semester II	Semester III	Semester IV	Semester V	Semester VI
Credit:26; SGPA:6.92	Credit:26; SGPA:6.76	Credit:32; SGPA: 8.75	Credit:32; SGPA: 7.31	Credit:24; SGPA: 7.75	Credit:24; SGPA:8.0

Thus, CGPA = $(26 \times 6.92 + 26 \times 6.76 + 32 \times 8.75 + 32 \times 7.31 + 24 \times 7.75 + 24 \times 8.0) / 164 = 7.6$



ST. XAVIER'S COLLEGE (AUTONOMOUS), RANCHI
(AN AUTONOMOUS COLLEGE AFFILIATED TO RANCHI UNIVERSITY)

**Names of Question Setters
&
Answer Book Evaluators
for the Programme of**

**B. Com (Financial Market Operation)
For the Academic Session - 2025 - 26**

**FOR UNDERGRADUATE COMMERCE SELF FINANCING PROGRAMME
AS PER RANCHI UNIVERSITY REGULATION**



[Handwritten signatures and initials]

R. K. Dixit

**Suggestive Names of Question Setters & Evaluators for B. Com (Financial Market Operation) Honors
for the Academic Session – 2025 - 26**

for the Academic Session – 2025 - 26

<u>Course/ Code</u>	<u>Title of the Course</u>	<u>Names of Question Setters</u>	<u>Names of Answer Book Evaluators</u>
Semester-I			
Core 1/ C101	Financial Business Environment	Prof. Khushboo Choudhary (VF) 7004033764	Dr. Kunal Kumar, Asst. Professor, Department of BBA, Doranda College, Ranchi - 7870088999
		Prof. (Dr.) Rakesh Kumar Dixit, 7209813195	Prof. Santosh Yadav, Asst. Professor, Department of MBA, Marwari College, Ranchi - 9608391765
Core 2/ C102	Financial Risk Management	Dr. (Prof.) Pallavi Kumari Mishra, Asst. Professor, SMS, DSPMU, Ranchi, 9113138015	Prof. (Dr.) Surabhi Srivastava, Asst. Professor, Ranchi Women's College, Ranchi, 9123140126
		Prof. Ajay Minocha, (VF) 9771440414	Prof. Ajay Deep Wadhwa, (VF) 9431107515
GE 1(A)/ CGE1A	Financial Accounting	Dr. Rakesh Sinha, Asst. Professor, Department of BBA, Marwari College, Ranchi, - 9304220872	Dr. Soni Kumari, Asst. Professor, Department of MBA, IMS Ranchi, 9234728247
		Prof. Vinay Hansda, Asst. Professor, Department of BBA, Gossner College, Ranchi 7033615516	Prof. Ashok Kumar, (VF) 93045387
GE 1 (B)/ CGE1B	Corporate Governance & Ethics	Dr. Sumit Kumar, Asst. Professor, Department of BBA, DSPMU, Ranchi - 9006746228	Dr. Surendra Prajapati, Asst. Professor, Dept of BBA, Gossner College, Ranchi - 7033615516
		Prof. (CA) Vivek Sharma, (VF) 990590818	Dr. Prachi Prasad, Asst. Professor, Department of MBA, Marwari College, Ranchi- 8002326264
AECC 1/ AECC101	English Communication	Prof. Nikita Mukherjee, VF	Prof. Nidhi Arya, 9308989280
		Prof. Shubham Kumar, (VF) 8603224467	Prof. Radhashyam Dey – 9162170226, Dept of MBA , Yogoda Satsang College, Ranchi
Semester-II			
Core 3/ C203	Mutual Fund & Price Management	Prof. Ajay Minocha, (VF) 9771440414	Prof. Hussain Ahmed, 9234979811
		Prof. Dr. Amarnath, Asst. Professor, Department of BBA, Doranda college, Ranchi, 9931555801	Dr. Bipul Dubey, Asst. Professor, Department of BBA, Yogda college, Ranchi, 9534157555
Core 4/ C204	Principle & Practice of Banking	Prof. Khushboo Choudhary, (VF), 7004033764	Prof. Honey Singh, Asst. Professor, Department of BBA, Sarla Birla University, Ranchi, 7903852576
		Dr. Kunal Kumar, Asst. Professor, Department of BBA, Doranda College, Ranchi - 7870088999	Prof. Priyanka Mishra, Asst. Professor, Department of BBA, Dr. Shyama Prasad Mukherjee University, Ranchi, -799239764
GE 2 (A)/ CGE2A	Financial Management	Prof. (CA) Vivek Sharma, (VF) 990590818	Prof. (Dr.) Surendra Prajapati, Asst. Professor, Department of BBA Gossner College, Ranchi, 7033615516
		Prof. Ekta Arya, 6299262435	Prof. CA. Seema Maroo, (VF) 8789352758

B.COM (FMO) HONOURS		QUESTION SETTERS & EVALUATORS NAMES		ST. XAVIER'S COLLEGE, RANCHI
GE 2 (B)/ CGE2B	Life & General Insurance	Prof. Shweta Bhatia (VF), 7488788308	Prof. (Dr.) Rakesh Kumar Dixit, 7209813195	
		Prof. (Dr.) Shakil Anwar Siddique 9430173081	Prof. Nidhi Arya, 9308989280	
AECC 2/ AECC201	Environmental Studies	Dr. Ranjay Kamal--9939011543, MBA Dept., Marwari College, Ranchi	Dr. Anil Kumar--9431330199,Asst. Prof. , NIFFT, Ranchi	
		Dr. Deepender Sinha--8002533373,	Dr. Neelima Kumari, Asst. Professor, Department of BBA, Ranchi Women College, - 6299211737	
Semester-III				
Core 5/ C305	Security Analysis-I	Prof. (Dr.) Bhavna Taneja, Asst. Professor, Dept of MBA, Amity University, Ranchi, 8294635675	Prof. (Dr.) Abdullah, Asst. Professor, Department of BBA, Marwari College Ranchi, - 7549956421	
		Prof. (Dr.) Kunal Kumar, Asst. Professor, Department of BBA, Doranda College, - 7870088999	Mr. Santosh Yadav, Asst. Professor, Department of MBA, Marwari College, Ranchi - 9608391765	
Core 6/ C306	Financial Market & Institution	Dr. Rahul Kumar, Asst. Professor, Department of MBA, Dr. Shyama Prasad Mukherjee University, Ranchi, - 9110186355	Prof. Prasant Jha, Asst. Professor, Department of Finance (MBA), XIIS, Ranchi - 9163766600	
		Prof. Ajay Deep Wadhwa, (VF) 9431107515	Prof. Karan Pratap, Asst. Professor, Department of MBA, Amity University 8102489140	
Core 7/ C307	Portfolio Management-I	Prof. Ajay Minocha, (VF) 9771440414	Dr. Kajal, Asst. Professor, Department of MBA, IMS, Ranchi, 9903112042	
		Prof. Hussain Ahmed, 9234979811	Prof. (Dr.) Rakesh Kumar Dixit, 7209813195	
GE 3 (A)/ CGE3A	Management Accounting	Prof. Ashok Kumar, (VF) 930453877	Prof. Vinay Hansda, Asst. Professor, Department of BBA, Gossner College, Ranchi 7033615516	
		Prof. Ekta Arya 6299262435	Dr. Rakesh Sinha, Asst. Professor, 9304220872	
GE 3 (B)/ CGE3B	Business Economics	Dr. (Prof.) Ananya Priya, Asst. Professor, SMS, DSPMU, Ranchi 7491872750	Dr. Seema Kumari, Asst. Professor, Department of BBA, Marwari College, Ranchi, 7369073192	
		Prof. (Dr.) Rajeev Narayan, Asst. Professor, Department of BBA, Marwari college, Ranchi 9431105063	Dr. Rajmani Pandey, Asst. Professor, Department of BBA, Doranda College, Ranchi, 9507661024	
SEC 1/ CSEC01	Research Methodology	Prof. (Dr.) Rishi Dwivedi, Asst. Professor, Department of MBA, XIIS, 9831647355	Dr. Shilpi Aba Khalkho, Asst. Professor, Department of MBA, IMS, RU, 9431364192	
		Dr. Neha Kaur, Asst. Professor, Department of BBA, Ranchi Women's College, 9470518612	Dr. Rajni Singh, Asst. Professor, Department of BBA, SMS, DSPMU, 9472743020	
Semester-IV				
Core 8/ C408	Security Analysis-II	Dr. Rahul Kumar, Asst. Professor, Department of MBA, Dr. Shyama Prasad Mukherjee University, Ranchi, - 9110186355	Prof. Ajay Minocha, (VF) 9771440414	

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		Prof. (Dr). Abdullah, Asst. Professor, Department of BBA, Marwari College Ranchi, - 7549956421	Dr. Pallavi Kumari, Asst. Professor, Dept. of MBA, DSPM University, Ranchi, 9113138015	
Core 9/ C409	Fintech & Digital Finance	Prof. (CA) Vivek Sharma, (VF) 990590818	Prof. (Dr.) Harvinder Kaur, Associate. Professor, Department of MBA, Rai University,	
		Prof. (Dr.) Kamaldeep, Asst. Prof. Department of Computer Science, St. Xavier's College, Ranchi		
Core 10/ C410	Portfolio Management-II	Prof. Honey Singh, Asst. Professor, Department of BBA, Sarla Birla University, Ranchi, 7903852576	Prof. (Dr). Kunal Kumar, Asst. Professor, Department of BBA, Doranda College, - 7870088999	
		Prof. (Dr.) Rakesh Kumar Dixit, 7209813195	Mr. Santosh Yadav, Asst. Professor, Department of MBA, Marwari College, Ranchi - 9608391765	
GE 4 (A)/ CGE4A	Application IT in Finance	Prof. (Dr.) Rakesh Raja, Asst. Prof. Department of Computer Science, St. Xavier's College, Ranchi	Prof. Gurpreet Singh, Asst. Prof. Department of Computer Science, St. Xavier's College, Ranchi	
GE 4 (B)/ CGE4B	Financial Legislation	Prof. Pooja Shukla-737199106, MBA dept., Amity University, Ranchi	Prof. Nasir Ahmed, 7979035311, Gossner College, Ranchi	
		Prof. Vinay Hansda, 7033615516, Gossner College, Ranchi	Dr. Prachi Prasad, Asst. Professor, Department of MBA, Marwari College, Ranchi- 8002326264	
SEC 2/ CSEC02	Quantitative Technique in Business	Prof. (Dr.) Rishi Dwivedi, Asst. Professor, Department of MBA, XISS, 9831647355	Dr. Sumit Kumar, Asst. Professor, Department of BBA, DSPMU, Ranchi - 9006746228	
		Dr. Rajni Singh, Asst. Professor, Department of BBA, SMS, DSPMU, 9472743020	Dr. Shilpi Aba Khalkho, Asst. Professor, Department of MBA, IMS, RU, 9431364192	
Semester-V				
Core 11/ C511	Financial Analytics	Prof. CA. Seema Maroo, (VF) 8789352758	Prof. Karan Pratap, Asst. Professor, Department of MBA, Amity University 8102489140	
		Prof. Hussain Ahmed, 9234979811	Prof. (Dr.) Rakesh Kumar Dixit, 7209813195	
Core 12/ C512	Financial Derivatives-I	Dr. Pallavi Kumari, Asst. Professor, Dept. of MBA, DSPM University, Ranchi, 9113138015	Prof. Ajay Deep Wadhwa (VF) 9431107515	
		Prof. Ajay Minocha, (VF) 9771440414	Prof. Prasant Jha, Asst. Professor, Department of Finance (MBA), XISS, Ranchi - 9163766600	
DSE 1/ CDSE01	International Finance	Prof. Ekta Arya,	Prof. Pooja Shukla-737199106, MBA dept., Amity University, Ranchi	
		Dr. (Prof.) Ananya Priya, Asst. Professor, SMS, DSPMU, Ranchi 7491872750	Prof. (Dr). Abdullah, Asst. Professor, Department of BBA, Marwari College Ranchi, - 7549956421	
DSE 2/ CDSE02	Behavioral Finance	Prof. (CA) Vivek Sharma, (VF) 990590818	Prof. (CA) Hardeep Malhotra, (VF) 8210932165	

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		Dr. Rakesh Sinha, Asst. Professor, Department of BBA, Marwari College, Ranchi, - 9304220872	Prof. (Dr.) Harvinder Kaur, Associate. Professor, Department of MBA, Rai University, Ranchi	
Semester-VI				
Core 13/ C613	Commodity Market Operation	Dr. Pallavi Kumari, Asst. Professor, Dept. of MBA, DSPM University, Ranchi, 9113138015	Dr. Rahul Kumar, Asst. Professor, Department of MBA, Dr. Shyama Prasad Mukherjee University, Ranchi, - 9110186355	
		Prof. Honey Singh, Asst. Professor, Department of BBA, Sarla Birla University, Ranchi, 7903852576	Dr. Kajal, Asst. Professor, Department of MBA, IMS, Ranchi, 9903112042	
Core 14/ C614	Financial Derivatives-II	Prof. Ajay Deep Wadhwa (VF) 9431107515	Prof. Prasant Jha, Asst. Professor, Department of Finance (MBA), XIIS, Ranchi - 9163766600	
		Prof. (Dr.) Bhavna Taneja, Asst. Professor, Dept of MBA, Amity University, Ranchi, 8294635675	Prof. (Dr.) Surabhi Srivastava, Asst. Professor, Ranchi Women's College, Ranchi, 9123140126	
DSE 3/ CDSE03	Entrepreneurship Development	Prof. Shruti Tiwari, Asst. Professor, Department of BBA, Ranchi Women College, 8051204176	Prof. Md. Tauseef Ali, Asst. Professor, Department of MBA, Marwari College, Ranchi 9572862285	
		Dr. Tarun Chakravarty, Asst. Professor, Department of BBA, Marwari College, Ranchi, 9693484892	Prof. (Dr.) Midanesh Jha, Asst. Professor, ICFAI University, Jharkhand, - 9304805050	
DSE 4/ CDSE04	On the Job Training	1. Internal Professor 2. Internal Professor	1. External Experts 2. External Experts	

List of Regular Faculties mentioned for as Question setters & Evaluators

1. Prof. Gautam Rudra
2. Prof. Hussain Ahmed
3. Prof. Nidhi Arya
4. Prof. Ekta Arya
5. Prof. Fabian Tete
6. Prof. Dr. Kaushik Dutta
7. Prof. Dr. Shakil Anwar Siddique
8. Prof. Dr. Deepandra Kumar Sinha
9. Prof. Dr. Rakesh Kumar Dixit

List of Visiting Faculties (VF) of the Department mentioned for as Question setters & Evaluators

1. Prof. Shweta Bhatia
2. Prof. Ajay Deep Wadhwa
3. Prof. Khushboo Choudhury
4. Prof. Ajay Minocha
5. Prof. Seema Maroo
6. Prof. Prachi Poddar