

Academic Council dated 09th March, 2024 as per Item Number: 7.03.10



**DOMBIVLI SHIKSHAN PRASARAK MANDAL'S,
K.V. PENDHARKAR COLLEGE OF ARTS, SCIENCE AND COMMERCE,
(AUTONOMOUS) DOMBIVLI (EAST), DIST. THANE
(Affiliated to University of Mumbai)**

**Faculty of Commerce
DEPARTMENT OF ACCOUNTING & FINANCE
(Programme: Master of Commerce in Accounting & Finance: M.Com. in A&F)**

**SYLLABUS FOR
M.Com (Accounting & Finance) – II (Semester III & IV)
Choice Based Credit System (CBCS)
(As per NEP – 2020)**

Handwritten signature and text:
Dr. J. S. Pawar
Head of Department

(With effect from the Academic Year 2024-25)



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M.Com (Accounting & Finance) – II (Semester III & IV)
Choice Based Credit System (CBCS)
(As per NEP – 2020)**

(With effect from the Academic Year 2024-25)

Programme outcomes (Commerce)

	After completing the programme student will be able	Graduate attribute
PO 1	Demonstrate comprehensive knowledge and understanding of one or more courses relating to Commerce	Disciplinary knowledge
PO 2	Express business or corporate ideas, knowledge, observations and data effectively in writing and oral communication with others using appropriate medium.	Communication skills
PO3	Analyse and evaluate evidence, arguments, claims, and beliefs on the basis of practical applications and supporting scientific data, identify logical flaws and draw conclusions from qualitative and quantitative data.	Critical thinking and scientific reasoning
PO4	In case of problems, conclude and determine appropriate solutions from possible set of solutions and apply learnings to real life situations	Problem solving
PO5	Use the concept of research methodology to execute and report the results of an experiment or investigation	Research related skills
PO6	Work in team to inculcate, generate and disseminate the knowledge of the respective commerce discipline	Cooperation / teamwork
PO7	Make the connection based on prior learnings and experiences and bring these to bear in the context of new events	Reflective thinking
PO8	Find, evaluate and clearly communicate appropriate information through typing and other media on various digital platforms	Information / digital
PO9	Work independently, identify appropriate resources required for a project and manage a project to its completion	Self-directed learning ability
PO10	Acquire knowledge and skill including learning ‘ how to learn’ that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning	lifelong learning

PO11	Map out the task of a team or an organization, and set directions, build a team, motivate, inspire and guide the team members to the right destination in a smooth and efficient way	Leadership readiness/ qualities
PO12	Avoid unethical behavior such as fabrication , falsification or misrepresentation of data or committing plagiarism	Moral and ethical awareness/ analytical reasoning

Programme specific outcomes (M.Com in Accounting & Finance)

After completing the programme the student will be able to

- Demonstrate the understanding on various subjects such as Accountancy, finance, taxation, law, audit etc.
- Apply the professional skills such as analysis of financial statements, policy making, designing legal framework, filing of returns etc to business and personal life.
- Carry out research on finance, management, markets etc through hypothesis, analysis and deriving conclusions
- Spread awareness and techniques to society about investing, financing methods and laws relating to it.

COURSE STRUCTURE

M.Com (A&F) – II Semester – III

Sr. No	Course codes	Course Titles	Category	Teaching hours / week	Total marks	Credits
01	AF24301MM	Emerging Techniques in Accountancy and Reporting	Major	04	100	04
02	AF24302MM	Project Finance	Major	04	100	04
03	AF24303MM	Taxation – III	Major	04	100	04
04	AF24304MM	Econometrics	Major	02	100	02
05	AF24305ME	Strategic Management	Major Elective	04	100	04
06	AF24306RP	Research Project	Research Project	04	100	04
		TOTAL		22	600	22

COURSE STRUCTURE

M.Com (A&F) – II Semester – IV

Sr. No	Course codes	Course Titles	Category	Teaching hours / week	Total marks	Credits
01	AF24401MM	Financial Reporting	Major	04	100	04
02	AF24402MM	Risk Management	Major	04	100	04
03	AF24403MM	Structures Finance	Major	04	100	04
04	AF24404ME	Debt Market	Major Elective	02	100	02
05	AF24405RP	Research Project	Research Project	06	200	06
		TOTAL		22	600	22

SEMESTER – III
MAJOR
EMERGING TECHNIQUES IN ACCOUNTANCY AND REPORTING
COURSE CODE: AF24301MM

Course Outcomes

Students will be able to

- Understand the concepts of various types of Commerce
- Remember various emerging techniques and its environment to be applied
- Apply the techniques in the current environment as applicable
- Analyze situation and make decisions as suitable
- Evaluate the plan and its execution in the market
- Create business policies

MODULES AT GLANCE:

Unit No.	Modules	No. of hours	Credit Points
1.	E-commerce and M-Commerce	15	04
2.	Emerging technologies	15	
3.	Automated Business process – I	15	
4.	Automated Business process – II	15	
Total		60	

Unit No.	Modules	No. of hours
1.	E-commerce and M-Commerce	15
	Components, Architecture, process flow diagrams, risks and controls, laws and guidelines	
2.	Emerging technologies	15
	Virtualization, grid computing, cloud computing, mobile computing, green IT, BYOD, web 3.0, internet of things, artificial intelligence, block chain,	
3.	Automated Business process - I	15
	Categories – Operational, supporting, management Automation – Objectives, benefits, implementation Risk management and controls Specific business processes – procure to pay, order to cash, inventory cycle, human resources, fixed assets, general ledger	

4.	Automated Business process – II	15
	Diagrammatic representation – Flowcharts, data flow diagrams Regulatory & compliance requirement – the companies Act, 2013, IT act 2000	
Total		60

Evaluation Pattern:

Type of evaluation	Activity	Type of Questions	Marks
Internal evaluation	Class test (theory & practical)	Short length Questions (Any 2 of 3)	10
		Long length Questions (Any 1 of 2)	10
	Assignment/ Viva - voce	Project/ Assignments, case studies/ Presentation/ Viva	15
Maximum Marks 40	Attendance & Active Participation	Attendance	05
		Total	40

Type of Evaluation	Types of Question	Marks
External [60 Marks]	Q.1 Objective Questions* (*Multiple Choice/ True or False/ Match the Columns/ Fill in the Blanks) (1 Mark Each)	12
	Q.2 Full length Question	12
	Q.3 Full length Question	12
	Q.4 Full length Question	12
	Q.5 Full length Question	12
	Total	60

Note: Full length questions (Theory/ case study) of 12 marks each can be subdivided into sub-questions of '10' & '02' marks, 02 question of 06 marks, 03 questions of 04 marks, 04 questions of 03 marks.

RECOMMENDED REFERENCES BOOKS:

- E-commerce from Vision to Fulfilment by Elias M. Awad. PHI, 2002.
- Digital Business and E-Commerce Management by Dave Chaffey, 2014.
- Introduction to E-Business-Management and Strategy by Colin Combe. ELSVIER, 2006.
- Digital Business Concepts and Strategy by Eloise Coupey. Pearson.
- Trend and Challenges in Digital Business Innovation by Vinocenzo Morabito. Springer.

PROJECT FINANCE
COURSE CODE: AF24302MM

Course Outcomes

Students will be able to

- Understand the various infrastructure and organizational models
- Remember various infrastructural investments and related risk management methods
- Apply the infrastructural investments patterns and techniques of risk management as applicable
- Analyze risks, patterns and make decisions as suitable
- Evaluate the plan and its execution in the sector
- Create structural policies

MODULES AT GLANCE:

Unit No.	Modules	No. of hours	Credit Points
1.	An Overview of Infrastructure	15	04
2.	Infrastructure Investments	15	
3.	Organisational Models	15	
4.	Risk Management	15	
Total		60	

Unit No.	Modules	No. of hours
1.	An Overview of Infrastructure	15
	Demand for Infrastructure; Sustainability and Infrastructure; Definition and Characteristics of Infrastructure; Types of infrastructure companies; Value chain elements; Sources of revenue and financing; Competition and regulation.	
2.	Infrastructure Investments	15
	Infrastructure as an Asset Class; Investors in infrastructure; Risk-return profiles of unlisted infrastructure; Benchmarking infrastructure investments; Portfolio diversification through infrastructure.	
3.	Organisational Models	15
	Privatisation Models; Partnership Models; Business Models; Contractual Models; Financing Models.	
4.	Risk Management	15

	General Risks; Project/Asset-specific Risks; Sector-specific Risks Project Finance Basics; Project Finance and PPP; Basic Structure of Project Finance; Structuring Project Financings - Advisory, Project assessment, Risk analysis and allocation, Financing, Implementation and monitoring.	
Total		60

Evaluation Pattern:

Type of evaluation	Activity	Type of Questions	Marks
Internal evaluation	Class test (theory & practical)	Short length Questions (Any 2 of 3)	10
		Long length Questions (Any 1 of 2)	10
	Assignment/ Viva - voce	Project/ Assignments, case studies/ Presentation/ Viva	15
Maximum Marks 40	Attendance & Active Participation	Attendance	05
Total			40

Type of Evaluation	Types of Question	Marks
External [60 Marks]	Q.1 Objective Questions* (*Multiple Choice/ True or False/ Match the Columns/ Fill in the Blanks) (1 Mark Each)	12
	Q.2 Full length Question	12
	Q.3 Full length Question	12
	Q.4 Full length Question	12
	Q.5 Full length Question	12
	Total	60

Note: Full length questions (Theory/ case study) of 12 marks each can be subdivided into sub-questions of '10' & '02' marks, 02 question of 06 marks, 03 questions of 04 marks, 04 questions of 03 marks.

RECOMMENDED REFERENCES BOOKS:

- Infrastructure as an Asset Class: Investment Strategy, Sustainability, Project Finance and PPP (2e) by Barbara Weber, Mirjam Staub-Bisang, Hans Wilhelm Alfen. John Wiley & Sons (2016).
- Project Financing: Asset-Based Financial Engineering (3e) by John D. Finnerty (2015), John Wiley and Sons.

TAXATION (CUSTOMS ACT) - III

COURSE CODE: AF24303MM

Course Outcomes

Students will be able to

- Understand the various terms and concepts in Customs Law
- Remember type of duties, classifications, valuation methods
- Apply the provisions of customs act during import and export
- Analyze cost & benefits and make decisions as suitable
- Evaluate the plan and its execution.
- Create taxation policies in relation to international trade

MODULES AT GLANCE

Unit No.	Modules	No. of Hours	Credit Points
1.	Introduction to Customs Act	15	04
2.	Types of duty and classification of imported and export goods.	15	
3.	Valuation, importation, exportation & transportation of goods.	20	
4.	Warehousing, duty drawbacks and refunds	10	
Total		60	

Unit No.	Modules	No. of Hours
1.	Introduction to Customs Act	15
	Basic concepts, constitutional provisions, determining factors to levy customs duty, provisions, pertaining to remission, abatement and exemptions. levy and exemptions	
2.	Types of duty and classification of imported and export goods.	15
	Types of duties, apply basic customs duty, integrated tax, GST, compensation cess, social welfare surcharge, agriculture infrastructure and development cess. protective duties, safeguarding duties, countervailing duties, anti-dumping duties Classification of goods, HSN based classifications, project imports.	
3.	Valuation, importation, exportation & transportation of goods.	20
	Values in relation to export and import, two approach to assessable value, customs valuation rules 2007, determination of date of duty and tariff value, special provisions, computation.	

	Statutory provisions relating to importation and exportation of goods, duties and obligations of a person in charge, procedure for clearance, statutory provision relating to transit and transshipment	
4.	Warehousing, duty drawbacks and refunds	10
	Statutory provisions and computation relating to warehousing, duty drawbacks and refunds	
Total		60

Evaluation Pattern:

Type of evaluation	Activity	Type of Questions	Marks
Internal evaluation	Class test (theory & practical)	Short length Questions (Any 2 of 3)	10
		Long length Questions (Any 1 of 2)	10
Maximum Marks 40	Assignment /Viva - voce	Project/ Assignments/ case studies/ Presentations/ Viva	15
	Attendance & Active Participation	Attendance	05
	Total		40

Type of Evaluation	Types of Question	Marks
External [60 Marks]	Q.1 Objective Questions (Multiple Choice/ True or False/ Match the Columns/ Fill in the Blanks) (1 Mark Each) All Modules	15
	Q.2 Full length Practical Question	15
	Q.3 Full length Practical Question	15
	Q. 4 Full length Theory Question OR Q. 4 Full length Practical Question	15
	Total	60

Note: Full length questions (Problem based / theory/ case study) of 15 marks each can be subdivided into sub-questions of '08' & '07' marks, '10' & '05' marks, 03 questions of 05 marks, 05 questions or 03 marks.

RECOMMENDED REFERENCES BOOKS:

- E.A. Srinivas, Corporate Tax Planning, Tata McGraw Hill.

- Vinod K. Singhania, Taxmann's Direct Taxes Planning and Management.42
 - V.S. Sundaram, Commentaries on the Law of Income- Tax in India, Law Publishers, Allahabad.
 - A.C. Sampath Iyengar, Law of Income Tax, Bharat Publishing House, Allahabad.
- Syllabus -
- Fourth Semester 25
 - Taxman, The Tax and Corporate Law Weekly.
 - Bhagmati Prasad, Direct Taxes Laws Practice, Wishwa Prakashan.

ECONOMETRICS

COURSE CODE: AF24304MM

Course Outcomes

Students will be able to

- Understand the various terminologies and concepts of Econometrics
- Remember various Game theories and decision making methods
- Apply the Methods of decision making and game theory.
- Analyze risks, patterns and make decisions as suitable
- Evaluate the plan and its execution in business
- Create business policies

MODULES AT GLANCE

Unit No.	Modules	No. of Hours	Credit Points
1.	Econometrics I	15	02
2.	Econometrics II	15	
Total		30	

Unit No.	Modules	No. of Hours
1.	Econometrics I	15
	Decision functions: Basic concepts--The loss function, Minimax, Expected utility principle; Data-based decisions--Risk, Optimality principles, Rationality principles and the Likelihood Principle, Nuisance parameters Introduction to decision making: Choice; Preferences; Utility; Expected Utility; Updating beliefs; Bayes Rule. Time Series Analysis: Simple Moving Average (SMA); Exponential Smoothing (SES); Autoregressive Integration Moving Average (ARIMA); Neural Network (NN).	
2.	Econometrics II	15
	Game Theory - I: Two-player games; Some examples of static games; Strategies; Common Knowledge and Rationality; Solving Games; Dominant Strategies; Iterated Elimination of Strictly Dominated Strategies; Applications e.g. Second price sealed bid auction.	

	Game Theory - II: Nash equilibrium; K-level thinking, Beauty Contests; Mixed Strategies; Games of Conflict and Cooperation; Applications e.g. Bertrand competition.	
	Game Theory – III: Dynamic Games; Game Trees; Solving dynamic games; Common Knowledge and Strategic Reasoning; Backward induction; Sub-game perfection; Reciprocity, cooperation, and punishment in repeated interactions; Tit-for-tat; Applications e.g. cartel formation.	
Total		30

Evaluation Pattern:

Type of evaluation	Activity	Type of Questions	Marks
Internal evaluation	Class test (theory & practical)	Short length Questions (Any 2 of 3)	10
		Long length Questions (Any 1 of 2)	10
Maximum Marks 40	Assignment /Viva - voce	Project/ Assignments/ case studies/ Presentations/ Viva	15
	Attendance & Active Participation	Attendance	05
	Total		40

Type of Evaluation	Types of Question	Marks
External [60 Marks]	Q.1 Objective Questions* (*Multiple Choice/ True or False/ Match the Columns/ Fill in the Blanks) (1 Mark Each)	12
	Q.2 Full length Question	12
	Q.3 Full length Question	12
	Q.4 Full length Question	12
	Q.5 Full length Question	12
	Total	60

Note: Full length questions (Theory/ case study) of 12 marks each can be subdivided into sub-questions of '10' & '02' marks, 02 question of 06 marks, 03 questions of 04 marks, 04 questions of 03 marks.

RECOMMENDED REFERENCES BOOKS:

- Basic Econometrics (5e) by Damodar Gujarati, Dawn Porter, and Sangeetha Gunasekar (2017), McGraw Hill Education.
- Game Theory: An Introduction by E. N. Barron. John Wiley and Sons (2009)

STRATEGIC MANAGEMENT

COURSE CODE: AF24305ME

Course Outcomes

Students will be able to

- Understand the various business environment and its nature
- Remember various analysis and choices to be made
- Apply the Methods of strategic analysis.
- Analyze risks, patterns and make decisions in the respective environment
- Evaluate the plan and its execution in business
- Create business policies

MODULES AT GLANCE

Unit No.	Modules	No. of Hours	Credit Points
1.	Introduction to Strategic Management	15	04
2.	Strategic Analysis of External Environment	15	
3.	Strategic Analysis of Internal Environment	15	
4.	Strategic Choices	15	
Total		60	

Unit No.	Modules	No. of Hours
1.	Introduction to Strategic Management	15
	Meaning and Nature of Strategic Management, Importance and Limitations of Strategic Management, Strategic Intent - Vision, Mission and Goals & Values, Strategic Levels in Organizations (Corporate, Business, Functional and Network)	
2.	Strategic Analysis of External Environment	15
	International and Macro Environment: PESTLE Analysis, Defining the industry for analysis (Value Chain, PLC), Porters Five Forces - Industry environment analysis, Understanding customers and markets, Competition in the industry	
3.	Strategic Analysis of Internal Environment	15
	Understanding key stakeholders (Mendelow's Model), Strategic Drivers (Industry & markets, Customers, Channels, Product & Services, Competitive Advantage), The role of resources and capabilities, Combining external and internal analysis (SWOT	

	Analysis), Gaining competitive advantage (Michael Porter's Generic Strategies)	
4.	Strategic Choices	15
	Strategic Choices: Concentric, Conglomerate, Market Development, Product Development, Innovation, Horizontal Integration, Vertical Integration, Turnaround, Divesture, Liquidation, How to Develop Strategic Options - Ansoff's Matrix, ADL Matrix, BCG Matrix, GE Matrix.	
Total		60

Evaluation Pattern:

Type of evaluation	Activity	Type of Questions	Marks
Internal evaluation	Class test (theory & practical)	Short length Questions (Any 2 of 3)	10
		Long length Questions (Any 1 of 2)	10
Maximum Marks 40	Assignment /Viva - voce	Project/ Assignments/ case studies/ Presentations/ Viva	15
	Attendance & Active Participation	Attendance	05
	Total		40

Type of Evaluation	Types of Question	Marks
External [60 Marks]	Q.1 Objective Questions* (*Multiple Choice/ True or False/ Match the Columns/ Fill in the Blanks) (1 Mark Each)	12
	Q.2 Full length Question	12
	Q.3 Full length Question	12
	Q.4 Full length Question	12
	Q.5 Full length Question	12
	Total	60

Note: Full length questions (Theory/ case study) of 12 marks each can be subdivided into sub-questions of '10' & '02' marks, 02 question of 06 marks, 03 questions of 04 marks, 04 questions of 03 marks.

RECOMMENDED REFERENCES BOOKS:

ICAI Intermediate Course Group II Paper 6B Strategic Management

Strategic Management by Kennedy B. Reed, 2020 Virginia Tech Publishing

RESEARCH PROJECT
COURSE CODE: AF24306RP
CREDITS – 04

OBJECTIVES OF THE COURSE:

1. To inculcate the element of research analysis and scientific temperament
2. To challenge the potential of learner as regards to his/ her eager to enquire
3. To interpret particular aspect of the study.

DESIRED OUTCOMES:

1. Students will be able to understand the functioning of research.
2. Students will be able to apply different tools of analysis and presentation
3. Students will be able to analyse different situations in form of hypothesis
4. Students will be able to draw conclusions in a situation.

GENERAL GUIDELINES

Research Methodology based project work

- The project topic may be undertaken in any area of Elective Courses.
- Each of the learner has to undertake a Project individually under the supervision of a teacher-guide.
- Attendance for guidance lectures is mandatory.
- The learner shall decide the topic and title which should be specific, clear and with definite scope in consultation with the teacher-guide concerned.
- The project report shall be prepared as per the broad guidelines given below:
 - Font type : Times New Roman
 - Font size : 12 for content, 14 for Title
 - Line Space : 1.5 for content and 1 for in table work
 - Paper Size : A4
 - Margin : in Left-1.5, Up-Down-Right-1
 - The Project Report shall be bounded.
 - The project report should be 80 to 100 pages

Structure to be followed in formulation and presentation of Project Work

- Chapter No. 1: Introduction

- Chapter No. 2: Research Methodology
- Chapter No. 3: Literature Review
- Chapter No. 4: Data Analysis, Interpretation and Presentation
- Chapter No. 5: Conclusions and Suggestions

Note: If required more chapters of data analysis can be added in consultation with guide.

- Bibliography
- Appendix

EVALUATION PATTERN

Type of evaluation	Activity	Marks
Internal evaluation	Viva - voce	20
	Project Report (Bound Copy)	20
Maximum Marks 40		40

Type of evaluation	Activity	Marks
External evaluation	Viva – voce	30
	Project Report (Bound Copy)	30
Maximum Marks 40		60

Passing Standard

- Minimum of Grade E in the project component
- In case of failing in the project work, the same project can be revised for ATKT examination.
- Absence of student for viva voce: If any student fails to appear for the viva voce on the date and time fixed by the department such student shall appear for the viva voce only along with students of the next batch.

SEMESTER IV
FINANCIAL REPORTING
COURSE CODE: AF24401MM

Course Outcomes

Students will be able to

- Understand the frame work and standards of Ind AS and IFRS
- Remember reporting method of financial statements
- Apply the appropriate standards for reporting of financial statements.
- Analyze financial statements and make proper reporting
- Evaluate the business and report for future decision making
- Create Accounting and reporting policies

MODULES AT GLANCE

Unit No.	Modules	No. of Hours	Credit Points
1.	Conceptual framework for financial reporting under Ind - AS	15	04
2.	International Financial Reporting Standards (IFRS) & Ind – AS	15	
3.	Consolidated Financial Statement	15	
4.	Accounting and Reporting of Financial Instruments	15	
Total		60	

Unit No.	Modules	No. of Hours
1.	Conceptual framework for financial reporting under Indian Accounting Standard	15
	Introduction of Financial Reporting • Objective of General purpose Financial Reporting • Need for reporting • Contents of Financial Report • Financial statement and reporting entity • Recent trends in Financial reporting.	
2.	International Financial Reporting Standards (IFRS) & Ind – AS	15
	Accounting Standards (AS) – applicability, interpretation, scope and compliance in India Introduction to I.F.R.S • Ind – AS • Specific Ind AS: 1 Presentation of Financial Statement, Ind AS: 12 Income Taxes, Ind AS 16: Property, Plant and Equipment, Ind AS 23 : Borrowing Cost , Ind AS 33 : Earning Per Share, Ind AS : 34 Interim Financial Reporting. (including problem)	

3.	Consolidated Financial Statement	15
	Meaning, Stand Alone Financial Statements Consolidated Financial statements – Applicability, Advantages & Disadvantages Procedure of Consolidation of Balance sheet & Profit & Loss Account (Excluding cross holding, Chain Holding & Foreign Subsidiary)	
4.	Accounting and Reporting of Financial Instruments	15
	Financial instruments Introduction, Scope and Definition, Classification and measurement of financial assets and financial liabilities, Equity and financial liability, Recognition and De-recognition of financial instrument.	
Total		60

Evaluation Pattern:

Type of evaluation	Activity	Type of Questions	Marks
Internal evaluation	Class test (theory & practical)	Short length Questions (Any 2 of 3)	10
		Long length Questions (Any 1 of 2)	10
Maximum Marks 40	Assignment /Viva - voce	Project/ Assignments/ case studies/ Presentations/ Viva	15
	Attendance & Active Participation	Attendance	05
	Total		40

Type of Evaluation	Types of Question	Marks
External [60 Marks]	Q.1 Objective Questions (Multiple Choice/ True or False/ Match the Columns/ Fill in the Blanks) (1 Mark Each) All Modules	15
	Q.2 Full length Practical Question	15
	Q.3 Full length Practical Question	15
	Q. 4 Full length Theory Question OR Q. 4 Full length Practical Question	15
	Total	60

Note: Full length questions (Problem based / theory/ case study) of 15 marks each can be subdivided into sub-questions of '08' & '07' marks, '10' & '05' marks, 03 questions of 05 marks, 05 questions or 03 marks.

RECOMMENDED REFERENCES BOOKS:

- Financial Reporting and Analysis Sanjay Dhamija SULTAN CHAND & SONS Educational Publishers 23, Daryaganj, New Delhi.
- Financial Reporting and Analysis PROF. JAWAHAR LAL, DR. SUCHETA GAUBA, Himalaya Publishing House Pvt. Ltd Girgaon, Mumbai

RISK MANAGEMENT

COURSE CODE: AF24402MM

Course Outcomes

Students will be able to

- Understand the various terminologies and concepts of risk and its management
- Remember various risk model, measurements and management methods
- Apply the Methods of risk measurements and management.
- Analyze risks, patterns and make decisions as suitable
- Evaluate the plan and its execution in business
- Create risk management policies

MODULES AT GLANCE

Unit No.	Modules	No. of Hours	Credit Points
1.	Introduction to risks	15	04
2.	Risk model and measurement	15	
3.	Risk management I	15	
4.	Risk management II	15	
Total		60	

Unit No.	Modules	No. of Hours
1.	Introduction to risks	15
	Concept, distinction between risk and uncertainty, classification, dynamic nature, types, sources, quantification, methodologies, impact, identity and impact on stakeholders, role of risk manager.	
2.	Risk model and measurement	15
	VaR, stress testing, scenario analysis, country and sovereign risk models and management, components of risk, evaluating credit risk, mitigating, qualitative and quantitative techniques, credit scoring models.	
3.	Risk management I	15
	Concept, objectives, importance, techniques, strategies, internal control environment, culture and attitudes towards risk management, integrated risk reporting and responsibilities of stakeholders, IT risk management	

4.	Risk management II	15
	Enterprise risk management – definition, scope, techniques Operational risk management – definition, scope techniques.	
Total		60

Evaluation Pattern:

Type of evaluation	Activity	Type of Questions	Marks
Internal evaluation	Class test (theory & practical)	Short length Questions (Any 2 of 3)	10
		Long length Questions (Any 1 of 2)	10
Maximum Marks 40	Assignment /Viva - voce	Project/ Assignments/ case studies/ Presentations/ Viva	15
	Attendance & Active Participation	Attendance	05
	Total		40

Type of Evaluation	Types of Question	Marks
External [60 Marks]	Q.1 Objective Questions* (*Multiple Choice/ True or False/ Match the Columns/ Fill in the Blanks) (1 Mark Each)	12
	Q.2 Full length Question	12
	Q.3 Full length Question	12
	Q.4 Full length Question	12
	Q.5 Full length Question	12
	Total	60

Note: Full length questions (Theory/ case study) of 12 marks each can be subdivided into sub-questions of '10' & '02' marks, 02 question of 06 marks, 03 questions of 04 marks, 04 questions of 03 marks.

REFERENCE:

- Thomas S. Coleman, Quantitative Risk Management : A Practical Guide to Financial Risk
- Steve Peterson, Investment Theory and Risk Management
- Risk Management , M/s Macmillan India Limited
- Theory & Practice of Treasury Risk Management: M/s Taxman Publications Ltd.
- Sim Segal, Corporate Value of ERM
- Dr. G Kotreshwar, Risk Management : Insurance and Derivatives, Himalaya Publishing House

STRUCTURED FINANCE
COURSE CODE: AF24403MM

Course Outcomes

Students will be able to

- Understand the various terminologies and concepts of Structures Finance
- Remember about credit derivatives, Financial Innovations and new instruments
- Apply the financial tools as suitable.
- Analyze risks, patterns and make decisions as suitable
- Evaluate the Financing method and its execution in business
- Create financial policies

MODULES AT GLANCE

Unit No.	Modules	No. of hours	Credit Points
1.	Overview of Structured Finance	15	04
2.	Credit Derivatives	15	
3.	Economics of Financial Innovation	15	
4.	Understanding New Instruments	15	
Total		60	

Unit No.	Modules	No. of hours
1.	Overview of Structured Finance	15
	Financing with Asset-Backed Securities, Asset Based Securitisation (ABS): Ratings and Cost-Benefit Analysis, Collateralized Debt Obligations: Structure and Pricing, Collateralized Loan Obligations	
2.	Credit Derivatives	15
	Synthetic ABS and related instruments, Credit swaps, MTNs and equity-linked structured notes, Design and pricing of convertible, hybrids and mezzanine debt, Structuring leveraged finance	
3.	Economics of Financial Innovation	15
	Competition and the Product Cycle in Financial Innovations, Sources of Innovations, Transactions and Monitoring Costs; Regulation, Taxes, Constraints; Market Segmentation	

4.	Understanding New Instruments	15
	The Building Block Approach, Hedging and Managing New Instruments.	
Total		60

Evaluation Pattern:

Type of evaluation	Activity	Type of Questions	Marks
Internal evaluation	Class test (theory & practical)	Short length Questions (Any 2 of 3)	10
		Long length Questions (Any 1 of 2)	10
Maximum Marks 40	Assignment /Viva - voce	Project/ Assignments/ case studies/ Presentations/ Viva	15
	Attendance & Active Participation	Attendance	05
	Total		40

Type of Evaluation	Types of Question	Marks
External [60 Marks]	Q.1 Objective Questions* (*Multiple Choice/ True or False/ Match the Columns/ Fill in the Blanks) (1 Mark Each)	12
	Q.2 Full length Question	12
	Q.3 Full length Question	12
	Q.4 Full length Question	12
	Q.5 Full length Question	12
	Total	60

Note: Full length questions (Theory/ case study) of 12 marks each can be subdivided into sub-questions of ‘10’ & ‘02’ marks, 02 question of 06 marks, 03 questions of 04 marks, 04 questions of 03 marks.

RECOMMENDED REFERENCES BOOKS:

- Elements of Structured Finance by Ann Rutledge, Sylvain Raines (2009), Oxford University Press.
- Structured Equity Derivatives: The Definitive Guide to Exotic Options and Structured
- Notes by Harry M. Kat (2011). John Wiley and Sons.

DEBT MARKET

COURSE CODE: AF24404ME

Course Outcomes

Students will be able to

- Understand the various terminologies and concepts of Debt market
- Remember fixed income securities and markets.
- Apply the knowledge to choose Investment Avenue.
- Analyze risks, patterns and make decisions as suitable
- Evaluate the plan and its execution in business
- Create Financial policies

MODULES AT GLANCE

Unit No.	Modules	No. of hours	Credit Points
1.	Basic Concepts and Fixed Income Mathematics	15	04
2.	Pricing of Fixed Income Securities	15	
3.	Tracking Fixed Income Markets	15	
4.	Portfolio Management- Fixed Income	15	
Total		60	

Unit No.	Modules	No. of hours
1.	Basic Concepts and Fixed Income Mathematics	15
	Features of Fixed Income Securities, Risk and Return Analysis in Fixed Income Securities, Type of Fixed Income Securities including hybrid instruments	
2.	Pricing of Fixed Income Securities	15
	Valuation of fixed income securities including embedded option, Duration and Convexity, Duration, Convexity including modified and Maculay Duration, Price value of basis points (PVBP), Spot Rate, Forward rate, Bootstrapping	
3.	Tracking Fixed Income Markets	15
	Tracking bond markets, The bond traders arsenal of economic indicators, Inflation, Monetary policy, Government deficits, Currency valuation, The subprime crisis and the role of debt markets in the crisis – Then and now	

4.	Portfolio Management- Fixed Income	15
	Fixed Income Portfolio Management- Domestic and International, Bond portfolio management strategies, What is a bond portfolio strategy, Types of bond management strategy, Active, passive, neutral strategy	
Total		60

Evaluation Pattern:

Type of evaluation	Activity	Type of Questions	Marks
Internal evaluation	Class test (theory & practical)	Short length Questions (Any 2 of 3)	10
		Long length Questions (Any 1 of 2)	10
Maximum Marks 40	Assignment /Viva - voce	Project/ Assignments/ case studies/ Presentations/ Viva	15
	Attendance & Active Participation	Attendance	05
	Total		40

Type of Evaluation	Types of Question	Marks
External [60 Marks]	Q.1 Objective Questions* (*Multiple Choice/ True or False/ Match the Columns/ Fill in the Blanks) (1 Mark Each)	12
	Q.2 Full length Question	12
	Q.3 Full length Question	12
	Q.4 Full length Question	12
	Q.5 Full length Question	12
	Total	60

Note: Full length questions (Theory/ case study) of 12 marks each can be subdivided into sub-questions of '10' & '02' marks, 02 question of 06 marks, 03 questions of 04 marks, 04 questions of 03 marks.

RECOMMENDED REFERENCES BOOKS:

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

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

RESEARCH PROJECT

COURSE CODE: AF24405RP

CREDITS – 06

OBJECTIVES OF THE COURSE:

1. To inculcate the element of research analysis and scientific temperament
2. To challenge the potential of learner as regards to his/ her eager to enquire
3. To interpret particular aspect of the study.

DESIRED OUTCOMES:

1. Students will be able to understand the functioning of research.
2. Students will be able to apply different tools of analysis and presentation
3. Students will be able to analyse different situations in form of hypothesis
4. Students will be able to draw conclusions in a situation.

Maximum Marks : 200

