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<td>Core Course III – FECO 1C 03 Mathematics for Financial Economics</td>
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<td>Core Course VIII- FECO 2C 08 International Trade: Theory and Policy</td>
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<td>Core Course IX- FECO 2C 09 Techniques of Security and Portfolio Analysis</td>
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<td>Core Course XII – FECO 3C 12 Public Economics</td>
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* Two optional papers to be selected from the list of 5 optional papers appended.

**List of Optional Papers**
1. FECO 4E 15 - Applied Financial Econometrics
2. FECO 4E 16 - Financial Engineering and Structural Finance
3. FECO 4E 17 - Financial Modelling and Valuation
4. FECO 4E 18 - Project Appraisal and Finance
5. FECO 4E 19 - Corporate Finance and Capital Budgeting

**Note:**
* Viva Voce based on the Dissertation – 2 credits

* Viva Voce based on the 16 Theory papers taught for the four semester (General Viva) – 2 credits
Components of External Evaluation

Part A (Objective type Questions)
10 multiple choice questions
(10 questions x 1 mark each = 10 marks)

Part B (very short answer questions)
Answer in one or two sentences each
Out of 8 questions answer any 5 questions
(5 questions x 2 marks each = 10 marks)

Part C (Short Answer questions)
Out of 12 questions answer any 8 questions
(8 questions x 5 marks each = 40 marks)

Part D (Essay questions)
Out of 4 questions answer any two questions
(2 questions x 10 marks each = 20 marks)

Total = 80 Marks
### M.A. Financial Economics

**SYLLABUS**

**Semester I**

<table>
<thead>
<tr>
<th>Core Course</th>
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<tbody>
<tr>
<td>1</td>
<td>FECO 1C 01</td>
<td>Microeconomic Theory and Policy</td>
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<tr>
<td>2</td>
<td>FECO 1C 02</td>
<td>Macroeconomics and Finance</td>
<td>4</td>
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<tr>
<td>3</td>
<td>FECO 1C 03</td>
<td>Mathematics for Financial Economics</td>
<td>4</td>
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<tr>
<td>4</td>
<td>FECO 1C 04</td>
<td>Basic Financial Economics</td>
<td>4</td>
</tr>
</tbody>
</table>
Module-1 Theory of demand

Recent developments in theory of market demand-The Pragmatic approach to demand analysis-the constant elasticity demand function-Dynamic versions of demand functions-Distributed-lag models of demand-Lineal expenditure systems-Network externalities-Bandwagon, Snob, Veblen effects- Kelvin Lancaster’s theory of demand.

Module-II Risk and uncertainty:

Describing risk-Preferences towards risk-Risk averse, risk loving, risk neutral-Reducing risk-diversification, insurance and value of information-The demand for risky assets-Asset returns-Trade-off between risk and return.

Module-III Theory of production

Production function - Technological progress and production function -Linear homogeneous production function -Leontiff production function- Cobb-Douglas production function-CES Production function-Economies and diseconomies of scope-Dynamic changes in costs-The Learning curve.

Module-IV Theory of the firm

Monopolistic competition-Collusive and non-Collusive oligopoly-Models of Cournot, Bertrand, Chamberlin and Stackelberg-The kinked demand model-Cartels, Cartels for joint profit maximisation, Market sharing cartels-Price leadership, The model of low cost price leader, The model of dominant firm price leader, Barometric price leadership-The basing point price system, The single basing-point price system, The multiple basing point price system.

Module-V Theory of pricing

Suggested readings:

- A. Koutsoyiannis, Modern Microeconomics, Macmillan Press Ltd
Module I: Micro Foundations of Monetary Theory
Classical dichotomy- Say’s identity- Inconsistency between Say’s law and the quantity theory of money- Money illusion-Keynes effect and Pigou effect.

Module II: Demand for and Supply of Money

Module III: Macroeconomic Equilibrium

Module IV: Macroeconomic Policy
Macroeconomic policies- Objectives of macroeconomic policies-Target variable and instrument variable- Monetary Policy- Instruments- Fiscal policy- Instruments-Policy lags- Inside and outside lags- Fiscal policy and budget deficit-Crowding out effect and government budget- Effectiveness of monetary and fiscal policy using IS-LM framework-Income policy- Stabilization policy

Module V: Economics of Financial Market
Suggested readings:

- Brian Snowdon and Howard Vane (2005): Modern Macro economics: Its Origin, Development and Current State-
- Edward Elgarpub. , Cheltenham, UK. Northampton, MA, USA.
- Scarth, W., Macroeconomics: An Introduction to Advanced Methods, third edition, Thomson, 2007
- Brian Snowdon and Howard R. Vane (Ed) (2003)
- Economics of Financial Market: Roy E. Bailey
Module I : Graphs and functions
Different types of functions and its graphs, Constant Linear, Quadratic, Cubic, Polynomial, Exponential and logarithmic functions. Applications of linear functions in Economics-Matrices, determinants, solution of a system of equations - Inverse method and Crammer’s rule – Rank of a matrix – characteristic equations and characteristic roots and vectors.

Module II : Differential Calculus

Module III: Functions of several variables

Module IV: Differential and Difference Equations
First order Differential equations – Definitions and concepts, general formula for Differential equations – Economic applications – Differential equations for limited and unlimited growth - First order Difference equations – Solution of first order difference equations - General formula for First order Linear Difference equations, applications - stability conditions, Cobb Web model

Module V : Financial Mathematics
Arithmetic and geometric sequence and series- Simple interest, compound interest and annual percentage rates – Depreciation – Net present value and internal rate of return – Annuities, debit repayments, sinking funds – The relationship between interest rates and the price of bonds
Suggested readings

- Essential Mathematics for Economics and Business, TERESA BRADLEY and PAUL PATTON, Revised by Teresa Bradley, wiley student Edition Chapter – 2 and Chapter-4)
- Introduction to Mathematical Economics Edward T. Dowling Third Edition Chapter-8
- RGD Allen Mathematical Analysis for economics
- Tulsian, P.C and Vishal Pandey: Quantitative Techniques, Pearson Education, New Delhi
- S.P. Gupta: Statistical Methods, Salthanand and sons, New Delhi.
- Hooda R.P. Statistics for Business and Economics , Mac Million, New Delhi
- Alpha C Chiang: Fundamental methods of Mathematical Economics, 2nd Ed. – Inter National Student Edition, Mc Grawhill
- Sreenath Baruah: Basic Mathematics and its applications in Economics, Mc Millian India Ltd.
- Joseph K.X, Quantitative Techniques, CUCCS Ltd, Calicut University.
M.A.FINANCIAL ECONOMICS
Semester I

Core Course IV
FECO 1C 04  Basic Financial Economics
(Credit 4)

Total Hours: 90
Lecture Hours:70
Seminar Hours:20

Module I: Financial System

Module II: Financial Institutions
Commercial – Co-operative Banks – Non Bank Financial intermediaries – structure and growth – Hire purchase – Lease Finance, Housing Finance, Venture Capital, Credit rating agencies – Features –advantages of credit rating

Module III: Regulating Financial Institutions
Regulating and promotional institutions in Indian Financial system – Reserve Bank of India – Security and Exchange Board of India –NABARD – IRDA

Module IV: Financial Markets

Module V: Stock Market
Suggested readings:

- Houthaker S, P J Williamson, Economics of Financial Merket, Oxford University Press
- Copeland TE, Weston J F (1992), Financial theory and corporate policy, Addison We Sleg.
- Mark Grinbalt, Sheridan Titman (2003), Financial Market and Corporate strategy TMH, New Delhi
## M.A. Financial Economics

### SYLLABUS

#### Semester II

#### Core Courses

<table>
<thead>
<tr>
<th>Core Course</th>
<th>Course code</th>
<th>Title of the Paper</th>
<th>Credit</th>
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<td>FECO 2C 05</td>
<td>Microeconomic Theory and Applications</td>
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<td>2</td>
<td>FECO 2C 06</td>
<td>Macroeconomic Theory and Policy</td>
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<td>3</td>
<td>FECO 2C 07</td>
<td>Statistics for Financial Economics</td>
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<td>4</td>
<td>FECO 2C 08</td>
<td>International Trade: Theory and Policy</td>
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<tr>
<td>5</td>
<td>FECO 2C 09</td>
<td>Techniques of Security and Portfolio Analysis</td>
<td>4</td>
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</table>
M.A.FINANCIAL ECONOMICS  
Semester II  

Core Course V  
FECO 2C 05  Micro Economic Theory and Applications  
(Credit 4)  

Total Hours: 90  
Lecture Hours:70  
Seminar Hours:20  

Module I: Input-output analysis  

Module II: Asymmetric information  

Module III: Theory of Games  

Module IV: Linear programming problem  
Statement of linear programming problem-Graphical solution-Simplex method -The dual problem and Shadow prices.  

Module V: Welfare economics  

Suggested readings:  
- Pindyck&Rubinfeld,(2006) Microeconomics, Pearson Prentice Hall  
- A.Koutsoyiannis,ModernMicroeconomics,Macmillan Press Ltd  
- Hall R.Varian, Microeconomic Analysis,Norton,New York  
- DacostaG.C.,Value and Distribution,Himalaya publishing House.  
Module I: Modern Developments in Macroeconomics

Module II: Keynesian School
Neo-Keynesianism - Disequilibrium Models - R. W. Clower and Leijonhufvud – Dual Decision Hypothesis–Quantity Constrained Model of Malinvaud and Barro -

Module III: Behavioural Foundations of Macro Economics

Module IV: Theories of Inflation and Unemployment

Module V: Theories of Business Cycles
Suggested Readings:

- Brian Snowdon, Howard Vane and Peter Wynarczyk (2002): A Modern Guide to Macroeconomics: An Introduction to Competing Schools of Thought
- Lefteris Tsoulfidis (2010): Competing Schools of Economic Thought, Springer
- Ben J. Heijdra Frederick van der Ploeg (2002): Macroeconomics
- Yiannis P. Venieris and Sebold, Macroeconomics: Model and Policy
- David Laidler – Demand for money
- Mark Blaug – Economic Theory in Retrospect
- Suraj B Gupta (Monetary Economics)
Module I: Probability and Probability Distributions


Module II: Discrete and Continuous Probability Distribution

Probability Distributions - Discrete Probability Distributions, Binomial , Poisson, Uniform – simple applications. –Continuous probability distributions – Normal, Lognormal and Exponential Distributions (Derivations are not expected), concept of law of large numbers and Central limit theorem.

Module III: Theory of Estimation


Module IV: Testing of Hypothesis

Parametric and Non-parametric tests of Hypothesis, Testing of hypothesis – simple and composite hypothesis – Null and alternative hypothesis – Type I and Type II error, Critical region – Level of significance, Power of a test – Test procedure - Test of significance in respect of Mean, Proportion, Variance and Correlation coefficient and their differences – Chi Square test of goodness of fit, and test for independence of attributes.

Module V: Analysis of Variance

Analysis of Variance – Meaning, assumptions - One way classification and Two way classifications, simple applications.
Suggested Readings:

- Tulsian, P.C and Vishal Pandey: Quantitative Techniques, Pearson Education, New Delhi
- S.P. Gupta: Statistical Methods, Sultanchand and sons, New Delhi.
- Hooda R.P: Statistics for Business and Economics, Mac Million, New Delhi
- Sreenath Baruah: Basic Mathematics and its applications in Economics, Mc Millian India Ltd.
- Joseph K.X, Quantitative Techniques, CUCCS Ltd, Calicut University.
M.A.FINANCIAL ECONOMICS
Semester II

Core Course VIII

FECO 2C 08 International Trade: Theory and policy
(Credit 4)

Module I : International Trade and Economic Development
Importance of trade to Development- Trade as an engine of growth – Import substitution versus export orientation- Export instability and economic development – Terms of trade and Economic Development.

Module II: Developments in Trade Theories

Module III : Economic Growth and International trade

Module IV: Trade policy and Economic integration
Non tariff barriers and New protectionism - Dumping and Antidumping duties; Exchange control: Export subsidies; Countervailing tariff; Voluntary Export Restraints; Technical (including health and safety) standards, Administrative and other regulations; Economic Integration – Theories of customs union; Trade creation and Trade Diversion:

Module V: International Economic Organisations
GATT, WTO, ASEAN, NAFTA, MERCOSOUR, FTAA, SAARC, APEC, EU
Suggested Readings:

- Joseph E Stiglitz and Andrew Charlton, Fair Trade for All: How Trade can Promote Development, (Oxford University Press), 2005 Chapters II
Module I: Overview of Investment


Module II: Fixed income securities

Features- concept of yield-Yield to maturity-bond prices - types of risk-measurement of risk, risk-return relationship - passive and active strategy-investment management and risk avoidance techniques - arbitrage- hedging-use of credit rating information.

Module III: Mean Variance Portfolio Theory

Measuring portfolio risk and return, minimum variance portfolio, perfectly correlated assets, optimal portfolio choice, mean variance frontier of risky and risk free assets, effect of diversification.

Module IV: Index models, CAPM and APT


Module V: Technical Analysis

Charting, Different Charting Techniques, Dow Theory-Primary, Secondary and Minor trends, Wave Principle-Patterns and Indicators Moving Average-Relative Strength-Point and Figure Chart-Bar Diagram-MACD Neutral Analysis.
Suggested Readings:

- Sharpe, William F. etc. Investments, New Delhi, Prentice Hall of India
- Bhalla, V.K. Investment Management: Security Analysis and Portfolio Management, New Delhi, S. Chand 2004
- Fisher, Donald E. and Jordan, Ronald J. Security Analysis and Portfolio Management, New Delhi, Prentice hall of India.
- Prasanna Chandra. Investment Analysis, TMH, New Delhi 2007
### M.A. Financial Economics

#### SYLLABUS

Semester III

Core Courses

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<td>FECO 3C 10</td>
<td>Basic Econometrics</td>
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<td>FECO 3C 11</td>
<td>International Finance</td>
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<td>FECO 3C 12</td>
<td>Public Economics</td>
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<td>FECO 3C 13</td>
<td>Advanced Financial Economics</td>
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<tr>
<td>5</td>
<td>FECO 3C 14</td>
<td>Economics of Banking and Insurance</td>
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</table>
Module I: Single Equation Regression Models

Module II: Econometric problems
Econometric problems: Multicollinearity – Auto correlation – Heteroscedasticity – (concept, causes, consequences, remedies in each case), Errors of measurement

Module III: Autoregression and Distributed Lag Model
Auto regressive and distributive lag models – Reasons for lags – Estimation of distributed lag models – Koyck approach – Almon’s Polynomial model

Module IV: Dummy Variable Regression Models
Nature of dummy models – One dummy variable – Two dummy variables – Estimation of dummy variable model – Interpretation of dummy variable model – Dummy variable trap

Module V: Simultaneous equation models
Suggested Readings:

- Christopher Dougherty, Introduction to Econometrics, Oxford University Press
- Damodar N Gujarathi, and Sangeetha, Basic Econometrics, Tata McGraw Hill
- A Koutsoyiannis, Theory of Econometrics, Palgrave
- Dilip M Nachane, Econometrics, Theoretical Foundations and Empirical Perspectives, Oxford University Press
- Green W H, Econometric Analysis Prentice Hall
- Johnston J, Econometric Methods, McGraw Hill
- L R Klein, Text Book of Econometrics, Oxford University Press
- L R Klein, Introduction to Econometrics, Oxford University Press
- Damodar N Gujarathi, Econometrics by Practice
- K X Joseph Basic Econometrics, Coop Society, University of Calicut
- Kerry Patterson, An Introduction to Applied Econometrics: a time series approach.
Module I: International monetary system


Module II: Foreign Exchange Markets


Module III: Exchange rate determination


Module IV: Balance of Payments

Equilibrium and disequilibrium – devaluation – elasticity and absorption approach – ‘j’ curve effect – fixed and flexible exchange rates – Financial Globalisation and exchange rate arrangements

Module V: International Financial Crisis

Suggested Readings:

- Salvatore Dominick ‘International Economics’, John Wiley and Sons
- Hallwood C Paul Ronald Mac Donald, International Money and Finance, Blakwell publishing, 2009
Module I: The role of Government in the national economy


Module II: Public revenue

Theory of tax - Partial and general equilibrium analysis - Tax revenue and non-tax revenue - Cannons of taxation - Impact, shifting and incidence - Measuring the incidence - Traditional approach - Musgrave’s approach - GST.

Module III: Public expenditure and Public debt

Theories of public expenditure - Causes for the growth of public expenditure - Sources of public debt - Methods of redemption of public debt.

Module IV: Fiscal policy


Module V: Fiscal Federalism

Suggested readings:

- Musgrave RA, Theory of Public Finance
- Due, John F and Fridlaender, Ann F (1973) Govt. Finance: Economics of the Public Sector, Richard Irwin
- Rangarajan C and Srivastava D K (2011) Federalism and Fiscal Transfers in India, Oxford University Press, New Delhi
- Hyman, David N (1973), Economics of Govt. Activity, Holt, Rincard and Winston Inc
M.A.FINANCIAL ECONOMICS
Semester III

Core Course XIII
FECO 3C 13 Advanced Financial Economics
(Credit 4)

Module I: Future Contracts and Markets: Option Pricing Model
Forward and Future Contracts, European And American Options, Pricing of Futures, Swaps and Synthetic Futures Bounds for Option Prices, Put-Call Parity, Option Pricing-Binomial Approach and Black-Scholes, Option To Expand and Real Options.

Module II: Capital Structure Choice
The Traditional view, the Value of a Firm With Tax, Modigliani –Miller Irrelevance Hypothesis, Choices in Financing- Debt or Equity, Financing Mix and Trade off Theory, Signalling Hypothesis, Pecking Order and Agency cost.

Module III: Dividend Policy

Module IV: Market microstructure

Module V : Indian Capital Market
Value at Risk - Theory of Var and Estimation Techniques - Acquisition and Take overs-Theories of Merger - Indian Capital Market and Financial Sector Reforms
Suggested Readings:

Module I: Overview of working of Commercial Banks

Types of Banks and their Functions: Scheduled banks, Commercial banks, Public sector banks, private sector banks, Local area banks, NBFCs, Mutually aided co-operative societies, Concepts of Retail Banking, Corporate Banking, (Wholesale Banking); SME Banking, Retail Loans segment and Requirements of SMEs, Rural Banking, Cooperative Banks, Nationalized Banks, RRBs, NABARD Micro Finance, Deposit Products - services rendered by Banks - Fixation of Bench mark Prime lending Rate; and New Base Rate Mechanism

Module II: Risk Management – Credit, Business and Market


Module III: Principles of Insurance

Definition, Principles and relevance of Life insurance and General insurance: Types, principles, and growth, Credibility theory: approaches to credibility theory, credibility premium formulae and standard elementary models

Module IV: Insurance Pricing

Insurance cost and fair premium -- Actuarial Science pricing techniques- individual risk theory and collective risk theory; financial pricing of Insurance - capital asset pricing model; present value model and option pricing model. Net premiums for insurance products and annuity schemes; automobile insurance, homeowners insurance, life insurance and annuities, employee benefits and group medical coverage, retirement plans.

Module V: Regulations of Insurance

Suggested Readings:

- Freixas, Xaviar, Microeconomics of Banking, 2nd Ed. MIT Press.
- Rajeda, G. Principles of Risk Management and Insurance, eighth edition,
# M.A. Financial Economics

## SYLLABUS

**Semester IV**

**Elective Courses**

<table>
<thead>
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<td>FECO 4E 16</td>
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<td>FECO 4E 18</td>
<td>Project Appraisal and Finance</td>
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<tr>
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<td>FECO 4E 19</td>
<td>Corporate Finance and Capital Budgeting</td>
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M.A.FINANCIAL ECONOMICS
Semester IV

Core Course XV
FECO 4E 15 Applied Financial Econometrics
(Credit 4)

Module I: Qualitative response models

Module II: Time series econometrics

Module III: Econometric Forecasting
Approaches to Econometric Forecasting – Single equation regression model forecasting – Simultaneous equation model forecasting – Box Jenkins Methodology – Auto Regressive model (AR model) – Moving Average model (MA model) – Auto Regressive Moving Average model (ARMA model) – Auto Regressive Integrated Moving Average model (ARIMA model) –Vector Auto regression model (VAR model) – Auto Regressive Conditional Heteroscedasticity model (ARCH model) – Generalized Auto Regressive Heteroscedasticity model (GARCH model)

Module IV: Panel Data Analysis

Module V: Applications in Financial Economics

Note: Students are expected to familiarize with various computer packages and its applications for data analysis.
Suggested Readings:

- Christopher Dougherty, Introduction to Econometrics, Oxford University Press
- Damodar N Gujarathi, Basic Econometrics, Tata McGraw Hill
- Damodar N Gujarathi, and Sangeetha, Basic Econometrics, Tata McGraw Hill
- A Koutsoyiannis, Theory of Econometrics, Palgrave
- Dilip M Nachane, Econometrics, Theoretical Foundations and Empirical Perspectives, Oxford University Press
- Green W H, Econometric Analysis Prentice Hall
- Johnston J, Econometric Methods, McGraw Hill
- L R Klein, Text Book of Econometrics, Oxford University Press
- L R Klein, Introduction to Econometrics, Oxford University Press
- Damodar N Gujarathi, Econometrics by Practice
- K X Joseph Econometrics, Coop Society, University of Calicut
Module I: Introduction
Role and Functions of Derivatives - Types of derivatives – Forward and Option Contracts. Overview of Derivative Instruments Exchange traded Products – Futures and Options on Future contracts Over the Counter products – Interest rate Swaps – Caps/floors, Currency swaps – Currency forwards – Currency Options

Module II: Pricing and Valuing Derivative Instruments

Module III: Equity Linked Structures

Module IV: Commodity Linked Structure
Commodity Derivatives – Commodity Futures/Options – Commodity Swaps and Commodity Linked Notes – Energy (Oil, Natural Gas and Electricity) Markets. Commodity Derivatives – Metal Markets – Agricultural and Other Markets

Module V: Credit Derivatives
Credit Derivative Products – Credit Linked Notes/Collateralized Debt Obligations – Credit Derivatives/Default Risk – Pricing and Modelling – Credit Derivatives – Applications/Markets

Suggested Readings:

- Stefano, Caselli, Stefano, Gatti (2005), Structured Finance: Techniques, Products and Market, Springer.
Module I: Corporate Finance Models

Module II: Portfolio Valuation
Introduction to portfolio models, Calculating efficient portfolios, Computing Variance Covariance Matrix, Estimating Betas and Security Market Line, The single index model, Black Littermen approach to portfolio optimization, Event Studies

Module III: Option Valuation

Module IV: Fixed Income Valuation
Discount factors, spot rates, forward rates, and yield to maturity, Modelling Term structure, Arbitrage and the Law of One Price, Hedging and immunization

Module V: Monte Carlo Methods and Value-at-Risk (VaR)
Monte Carlo Simulation of the Investment Problem, Using Monte Carlo Simulation for Option Pricing, Monte Carlo plain Vanilla Call pricing convergence to Black Scholes. Applied to stock, currencies, and commodities, Applied to linear and non-linear derivatives, and securities with embedded options, Structured Monte Carlo, stress testing, and scenario analysis, simulating data, Bootstrapping, Limitations as a risk measure, Coherent risk measures, Volatility Models

Suggested Reading
Module I: An Overview of Project Finance
Introduction to project finance and overview of the project finance, market, project life cycle and its impact on the feasibility – Project identification and formulation – Different types of needs leading to different types of projects under BMRED (Balancing, Modernization, Replacement, Expansion and Diversification) – Considerations involved in decision under each of these types – Macro parameters in project selection – Different considerations for project under private, public and joint sectors – Project formulation: preparation of project profile, project report and detailed project report – Broad criteria for pre-investment decisions.

Module II: Project appraisal

Module III: Project Administration
Progress payments – Expenditure planning – Project scheduling and network planning – Use of Critical Path Method (CPM) – Schedule of payments and physical progress – Time cost trade off – Cash flow preparing – Cash forecast and monitoring of fund and other resources – Control of groups of projects under one administration and associated problems in sharing resources.

Module IV: Project Financing
Module V: Project Cost Systems and evaluation


Suggested Readings:

- Grundy, Tony (2003), Strategic Project Management, 1st ed. PA(I) Pvt. Ltd.
M.A. FINANCIAL ECONOMICS
Semester IV

Elective Course XIX
FECO 4E 19 Corporate Finance and Capital Budgeting
(Credit 4)

Module I: Introduction

Module II: Working Capital Management

Module III: Capital Budgeting

Module IV: Patterns of Financing

Module V: Capital Structure & Financing of Long Term Capital

Suggested Readings
*FORMAT OF THE MODEL QUESTION PAPER
MA FINANCIAL ECONOMICS (CCSS)
2018 ADMISSION ONWARDS

Time : 3 hours Max: 80 Marks

PART A
Answer all Questions
Each Question carries 1 mark
Multiple Choice Questions
1.
2.
3.
4.
5.
6.
7.
8.
9.
10.
(10 x 1 = 10 Marks)

PART B
Answer any five Questions
Each Question carries 2 marks
Very Short Answer Questions. Answer in one or two sentences each
11.
12.
13.
14.
15.
16.
17.
18.
(5 x 2 = 10 Marks)

PART C
Answer any 8 Questions
Each Question carries 5 marks
Short Answer Questions.
19.
20.
21.
22.
23.
24.
25.
26.
27.
28.
29.
30.
31.
PART D
Answer any 2 Questions
Each Question carries 10 marks

Essay type Questions
32.
33.
34.
35.

(2 x 10 = 20 Marks)

* The Model Question Paper in respect of each course containing questions will be provided later.