

Syllabus copy of Course(s) with focus on employability/ entrepreneurship/ skill development in M. A Economics

Financial Institutions and Markets

Course code: ECO17105DCE

Unit I: Nature and Role of Financial System

Financial System-Structure; Financial System and economic development—from financial neutrality to financial activism; from financial volatility to financial stability; Role of Government in financial Development; Theories of the impact of Financial Development on Savings and Investment—Prior Saving Theory; Financial Regulation theory; Financial Liberalization theory.

Unit II: Financial Markets

Classification of Financial Markets - Functions of Financial Markets; Instruments of developed money and capital markets; Characteristics of Financial Instruments; Derivatives Markets-types.

Unit III: Financial Intermediaries and Central Bank

Financial Intermediaries – Classification, Role and Functions ; Central Banking— Evolution, Role and Functions; Monetary policy— Goals, Tools, Targets and Limitations.

Unit IV: Financial Instruments and Services

Mutual Funds - Evolution and Types; Classification of financial services – Merchant banking, Underwriting, Credit Rating, Venture Capital, Factoring, ADRs and GDRs.

Basic Reading List:

1. Miskin, F. (2015) The Economics of Money: Banking and Financial Markets, Addison Wesley Longmate, New York.
2. Bhole, L. M. (2009), Financial Institutions and Markets, Tata McGraw Hill, New Delhi.
3. Hubbard, G. R. (1997), Money, the Financial System and Economy, Addison Wesley, New York.
4. Gupta, S. B. (2001), Monetary Economics, S. Chand and Co. Ltd, New Delhi.
5. Bhasin, N. (2009), Monetary Banking and Financial Developments in India, New Century Publications, New Delhi.

Note: Additional reading list is available with concerned teacher.



Syllabus copy of Course(s) with focus on employability/ entrepreneurship/ skill development in M. A Economics

SEMESTER- II

Industrial Organisation

Course No: ECO 17208GE

Unit-I: Introduction

Industrial economics - need and significance; Organizational structure of a firm - Objectives of firms; Theories of growth of firms; Sales and Growth maximization hypothesis; Profitability - determinants and measurement; Economics of Integration; Diversification and Mergers.

Unit-II Industrial Location and Market Structure

Theories of Industrial Location- Weber and Sargeant Florence; Market concentration-measurement; Sellers' concentration; Product differentiation; Market structure and innovation- concept and relationship; measurement of innovation; diffusion of new technology.

Basic Reading List:

1. Barthwal, R. R. (2010), Industrial Economics: An Introductory Textbook, New Age International, New Delhi.
2. Kuchhal, S. C. (1989), Industrial Economy of India, Chaitanya Publishing House, Allahabad.
3. Hay, D. D and D. I. Morries (1991), Industrial Economics Theory and Evidence, Oxford University Press.

Note: Additional reading list is available with concerned teacher



Syllabus copy of Course(s) with focus on employability/ entrepreneurship/ skill development in M. A Economics

SEMESTER- II

Basic Econometrics

Course code: ECO17204DCE

Unit I: Basic Statistical Concepts

Normal distribution; Chi-sq, t and F distributions; Estimation of parameters; Properties of estimators; Interval estimation and Hypotheses testing; Tests of significance and confidence interval approach.

Unit II: Basic Regression Analysis

Nature, meaning and scope of Econometrics; Data Issues; time series, cross section and panel data; Simple and general linear regression model; Assumptions, Estimation through OLS approach; Gauss-Markov theorem; Concepts and derivation of R^2 and adjusted R^2 .

Unit III: Problems in Regression Analysis

Nature, test, consequences and remedial steps of problems of Heteroscedasticity; Multi-co-linearity and Auto-correlation; Non-normality; Problems of specification error; Errors of measurement.

Unit IV: Qualitative Variables in Regression

Dummy variable technique—Testing structural stability of regression models; Interaction effects; Seasonal analysis; Piecewise linear regression; Use of dummy variables; Regression with dummy dependent variables; The Linear Probability Model; Logit and Probit models.

Basic Reading List:

1. Gujarati, D.N. (2009), Basic Econometrics, McGraw Hill, New Delhi.
2. Wooldridge, J. (2012), Introductory Econometrics: A Modern Approach, Cengage Learning.
3. Johnston, J., (2015), Econometric Methods, Tata McGraw Hill, New Delhi.
4. Kennedy, P. (1998), A Guide to Econometrics, MIT Press, New York.
5. Goldberger, A. S. (1998), Introductory Econometrics, Harvard University Press, Cambridge.
6. Maddala, G. S. (1993), Econometric Methods and Applications, Edward Elgar Publishing Ltd. U. K.

Note: Additional reading list is available with concerned teacher



Syllabus copy of Course(s) with focus on employability/ entrepreneurship/ skill development in M. A Economics

SEMESTER - III

Advanced Econometrics

Course No: ECO17304DCE

Unit I: Dynamic Econometric Models and Panel Data Models

Autoregressive and distributed lag models- Koyak model; Partial adjustment model; adaptive expectations; Almon approach to distributed-lag models; Instrumental Variable Approach; Panel data- Balanced and unbalanced panel; Methods of Estimation: Fixed effects model and Random effect model.

Unit II: Simultaneous Equations Models

Simultaneous equations models- Introduction and examples; The simultaneous equation bias and inconsistency of OLS estimators; The identification problem; Rules of identification- order and rank conditions; Methods of estimating simultaneous equation system.

Unit III: Time Series Analysis

Stochastic Difference equations; Stationarity; Unit roots, Co-integration-spurious regression; Dickey-Fuller test; Engle-Granger test; Random walk model; Error correction mechanism; Casualty test; Granger and Sim's tests; Forecasting with ARIMA modeling; Box-Jenkins methodology; Vector auto-correlation; Problems with VAR modelling – Applications.

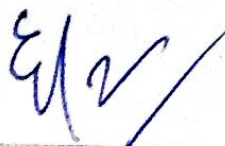
Unit IV: Software Application.

This is an applied course in data analysis anchored on the theory and method of regression. Since the emphasis is on application of methods, this course requires understanding of econometric software and computing skills. The aim of the course is to provide the students with the theoretical tools and practical experience necessary to do applied econometric research and as such the lecture sessions will include a number of illustrations of empirical econometric studies and their possible estimation using the same data sets in workshop sessions. Students will apply the techniques learned in this course using **Stata/E-views/R**.

Basic Reading List:

1. Gujarati, D. N. (2009), Basic Econometrics, McGraw Hill, New Delhi.
2. Wooldrige, J. (2012), Introductory Econometrics: A modern approach, Cengage Learning
3. Johnston, J. (2015), Econometric Methods, Tata McGraw Hill, New Delhi
4. Kennedy P. (1998), A Guide to Econometrics, MIT Press, New York
5. Goldberger, A. S. (1998), Introductory Econometrics, Harvard University Press, Cambridge, Mass.
6. Maddala, G. S. (1993), Econometric Methods and Applications, Edward Elgar Publishing Ltd. U. K
7. STATA Manual, (2016), STATA Press.

Note: Additional reading list is available with concerned teacher.



_____ { _____ }