Syllabus
For 4th Semester Courses in Economics (June 2016 onwards)

Contents:
Theory Syllabus for Courses:
- A.Eco.4.02 - Macroeconomic Analysis - II
- A.Eco.4.03 - Indian Economy – II (only for 2016-17 Batch)
- A.Eco.4.03 – Basic Introduction to Econometrics (w.e.f. June 2017)
- A.Eco.4.AC.01 - Elementary Mathematical Techniques
SYBA

TITLE: MACRO ECONOMICS ANALYSIS - II

Learning Objectives:
1. Familiarise students with theoretical macroeconomic analysis
2. To introduce quantitative application of macroeconomic analysis

Number of Lectures: 45

UNIT I:

IS-LM analysis [15 lectures]
2. Product market equilibrium and money market equilibrium; Determination of equilibrium income and interest rate as intersection of IS and LM curves.
3. Factors affecting shift of IS curve and change in slope of IS curve

UNIT II:

Fiscal and Monetary Policy [15 lectures]
2. Phenomenon of crowding out; Criticisms of the concept.
4. The liquidity trap; Emergence of liquidity trap and constraints on policy in a liquidity trap.

UNIT III:

Open-Economy Macroeconomics [15 lectures]
1. Fixed vs Flexible exchange rate regimes, Determination of exchange rates in free markets. Concept of Real Exchange Rate
3. Disequilibrium in Balance of Payments and Balance of Payments Adjustments: Devaluation, Reduction in Absorption, Direct Controls
4. Global financial and economic crises

C.I.A.:
I. Scheduled Test (concepts and short Answers)
II. Visit to the RBI-(Report on comparison with other Central banks)
Basic Reference Books:


SYBA (Only for 2016-17 Batch)          Course: A.ECO.4.03
TITLE: INDIAN ECONOMY - II

Learning Objective:
To introduce the students to the techniques of analyzing and interpreting data of the Indian economy, through Regression and Time Series

Number of Lectures: 45

UNIT I:
Indian Labor Market
1. Demographic profile of the Indian economy
2. Sectoral distribution of employment and Employment Policy
3. Labor market segmentation
4. Industrial relations and Trade Union Movement in India

UNIT II:
External Sector
1. Composition, direction and value of India’s foreign trade
2. EXIM Policy
3. India’s balance of payments position since 1991
4. Foreign Exchange market
5. Exchange rate policy and convertibility issues
6. WTO and India

UNIT III:
India and Environmental Economics
1. India’s environmental policy
2. Initiatives in common property resources
3. Climate change and its impact on the India economy

First C.I.A.: MCQ-Test
Second C.I.A.: Project

List Of Recommended Reference Books

Basic Reference Book :
‘Indian Economic Development since Independence’ (ed by Uma Kapila, Academic Foundation Publication, 2010)

Additional References:
Various relevant articles and academic essays from:
1. Economic and Political Weekly, Indian Labor Journal, Kurukshetra, Yojana, RBI publications,
2. IGIDR’s India Development Report, Indian Economic Surveys
3. Reports by TERI and other climate change related institutions in India
SYBA

Course: A.ECO.4.AC.01

TITLE: ELEMENTARY MATHEMATICAL TECHNIQUES

Learning Objective:
To make the students conversant with the applications of the statistical techniques for analysis.

Number of Lectures: 60

UNIT I:
Matrix Algebra [15 Lectures]
1. Definition of a matrix. Types of matrices.
2. Simple algebraic operations on matrices. Inverse of a matrix.

UNIT II:
Linear Programming and Input-Output Analysis [15 lectures]
2. Input-output model – static model.

UNIT III:
Elementary Calculus [15 lectures]
1. Functions.
2. Limits and Derivatives.

UNIT IV:
Optimisation [15 lectures]
1. Unconstrained Optimization – first and second order conditions.

First C.I.A.: MCQ-Test
Second C.I.A.: Project

List Of Recommended Reference Books

Basic Reference Book:

Additional References: