SEMESTER-2nd

MAJOR COURSE

ECO222J: ECONOMICS (BASIC MACROECONOMICS)

CREDITS: THEORY: 04; TUTORIAL: 02

Course Description: *This is a core course of 06 credits (01 credit for each unit with the last two units as tutorials). The course starts with some basic concepts required for the understanding the essence of subject, followed by consumption and savings function along with the concepts like investment, multiplier and accelerator. The course concludes with the basic concepts associated with money, inflation and unemployment. Overall, focus of the course is to disseminate knowledge, comprehension and skill among the learners.*

Course Objective: *The course is framed in order to expose the students to basic principles of macroeconomics. The course illustrates how macroeconomic concepts can be applied to analyse real life situations.*

Learning Outcomes: After completion of course, the student is expected to:

LO1: *Develop a basic understanding of theoretical concepts of macroeconomics.*

LO2: *Exhibit a broad understanding of the national income concepts and its measurement so that students can calculate national income under different methods.*

LO3: *Demonstrate an understanding of investment and analyse its impact on macroeconomy.*

LO4: *Acquire skills to calculate price change through different indices.*

THEORY (4 CREDITS)

UNIT I: NATIONAL INCOME AND ACCOUNTING

Macroeconomics - Definition and Scope, National Income Identities– Concept and Measurement, Circular Flow of Income – Two, Three and Four Sector Models,

UNIT II: BEHAVIOURAL FOUNDATIONS-I

Consumption and Saving Function – APC and APS, MPC and MPS. Psychological Law of Keynes. Kuznets Puzzle. Relative Income hypothesis.

UNIT III: BEHAVIOURAL FOUNDATION II

Investment: meaning and types, marginal efficiency of investment and rate of interest, derivation of investment demand curve, concept of multiplier: Static and Dynamic, Accelerator: Concept and Theory.

UNIT IV: MONEY INFLATION AND UNEMPLOYMENT

Money- concept and functions. Inflation: meaning and types, demand pull and cost push inflation, costs and benefits of inflation. Unemployment: meaning and types, demand for money – Classical view, supply of money

TUTORIAL (2 CREDITS)

UNIT V: TUTORIAL I

Calculation of National Income and its associated entities.

Compilation of GDP by value added method and income method, using data from CSO

Importance and Concept of Base year (Example from CSO).

UNIT VI: TUTORIAL II

Compilation and concept of M_1, M_2, M_3 and M_4 measures of money using data from Reserve Bank of India.

Concept and calculation of Price Index number and then using this analogy to calculate WPI and CPI for Indian economy.

Concept and numerical exposition of Multiplier with tax and imports as a function of GDP.

BASIC READINGS

1. Shapiro, E. (2005), Macroeconomic Analysis, Galgotia Publications, New Delhi.
2. M. C. Vash. (2010). Macroeconomic Theory (14th ed.). Vikas Publishing House Pvt. Ltd.: New Delhi.
3. Dornbusch, R., Fischer, S., & Startz, R. (2018). *Macroeconomics*. 12th Edition, McGraw-Hill.
4. Mankiw, N. G. (2020). *Principles of macroeconomics*. Cengage Learning.
5. Blanchard, Olivier Jean (2016). Macroeconomics. 7th Ed. Pearson.5

SEMESTER-2nd

MINOR COURSE

ECO222N: ECONOMICS (BASIC MACROECONOMICS)

CREDITS: THEORY: 04; TUTORIAL: 02

COURSE DESCRIPTION: *This is a core course of 06 credits (01 credit for each unit with the last two units as tutorials). The course starts with some basic concepts required for the understanding the essence of subject, followed by consumption and savings function along with the concepts like investment, multiplier and accelerator. The course concludes with the basic concepts associated with money, inflation and unemployment. Overall, focus of the course is to disseminate knowledge, comprehension and skill among the learners.*

COURSE OBJECTIVE: *The course is framed in order to expose the students to basic principles of macroeconomics. The course illustrates how macroeconomic concepts can be applied to analyse real life situations.*

LEARNING OUTCOMES: After completion of course, the student is expected to:

LO1: *Develop a basic understanding of theoretical concepts of macroeconomics.*

LO2: *Exhibit a broad understanding of the national income concepts and its measurement so that students can calculate national income under different methods.*

LO3: *Demonstrate an understanding of investment and analyse its impact on macroeconomy.*

LO4: *Acquire skills to calculate price change through different indices.*

THEORY (4 CREDITS)

Unit I: National Income and Accounting

Macroeconomics - Definition and Scope, National Income Identities– Concept and Measurement, Circular Flow of Income – Two, Three and Four Sector Models,

Unit II: Behavioural Foundations-I

Consumption and Saving Function – APC and APS, MPC and MPS. Psychological Law of Keynes. Kuznets Puzzle. Relative Income hypothesis.

Unit III: Behavioural foundation II

Investment: meaning and types, marginal efficiency of investment and rate of interest, derivation of investment demand curve, concept of multiplier: Static and Dynamic, Accelerator: Concept and Theory.

Unit IV: Money Inflation and Unemployment

Money- concept and functions. Inflation: meaning and types, demand pull and cost push inflation, costs and benefits of inflation. Unemployment: meaning and types, demand for money – Classical view, supply of money

TUTORIAL (2 CREDITS)

UNIT V:

Calculation of National Income and its associated entities.

Compilation of GDP by value added method and income method, using data from CSO

Importance and Concept of Base year (Example from CSO).

Unit VI:

Compilation and concept of M_1, M_2, M_3 and M_4 measures of money using data from Reserve Bank of India.

Concept and calculation of Price Index number and then using this analogy to calculate WPI and CPI for Indian economy.

Concept and numerical exposition of Multiplier with tax and imports as a function of GDP.

BASIC READINGS

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2. M. C. Vash. (2010). Macroeconomic Theory (14th ed.). Vikas Publishing House Pvt. Ltd.: New Delhi.
3. Dornbusch, R., Fischer, S., & Startz, R. (2018). *Macroeconomics*. 12th Edition, McGraw-Hill.
4. Mankiw, N. G. (2020). *Principles of macroeconomics*. Cengage Learning.
5. Blanchard, Olivier Jean (2016). Macroeconomics. 7th Ed. Pearson.5

Semester I to III

Multi-Disciplinary Course

ECO022I: ECONOMICS (INTRODUCTORY ECONOMICS)

CREDITS: 3

Course Objectives: The course is designed to expose the students to the basic principles of economic theory. The coursed illustrates how economic concepts can be applied to analyze real life situations.

Learning Outcomes:

After completing this course, the students are expected to:
LO1: Develop a basic understanding of theoretical concepts in economics
LO2: Exhibit a basic understanding of the theory of demand and its exceptions.
LO3: Exhibit a basic understanding of National Income and its measurement

Unit I: Introduction **(15 Marks/ 1 credit)**

Definition and Scope of economics; Micro and Macroeconomics; Positive and Normative Economics; Scarcity, Choice and Opportunity Cost; Central Problems of an Economy; Economic Systems – Basic Economic Concepts

Unit II: Introduction to Microeconomics **(15 Marks/ 1 credit)**

Demand – Determinants of Demand, Law of Demand and its Exceptions; Supply – Determinants and Law of Supply; Market Equilibrium; Utility – Concepts and Approaches, Total Utility, Marginal Utility; Indifference Curve – Assumptions and Properties; Budget Line, Consumer Preferences

Unit III: Introduction to Macroeconomics **(15 Marks/ 1 credit)**

National Income – Concepts and Measurements; Circular Flow of Income; Price Indices – WPI, CPI and GDP deflator; Money – Types and Functions; Measures of Money Supply; Inflation – Meaning and Types; Stabilization policies- Fiscal and monetary policy.

Basic Readings

1. Mankiw, N (2020). Economics: Principles and Applications, 9th Ed. Cengage Learning.
2. Samuelson, P. & Nordhas, W (2010). Principles of Economics. 9th McGraw-Hill, New York.
3. Bernheim, B. Douglas, and Michael Dennis Whinston. 2014. *Microeconomics*. New York, NY: McGraw-Hill/Irwin.
4. Ahuja H.L. (2020), Advanced Economic Theory— Microeconomic Analysis, 20th Edition, S. Chand & Company, New Delhi.
5. Ahuja, H. L (2020), "Macroeconomic -theory and Policy, 20th Edition, S. Chand and Company Ltd. New Delhi.