

**MAHAMAYEE MAHILA MAHAVIDYALAYA, BERHAMPUR, GANJAM, ODISHA
ECONOMICS COURSE OUTCOME.**

ECONOMICS COURSE OUTCOMES

FIRST YEAR- FIRST SEMESTER

OUTCOME

CORE I: INTRODUCTORY MICRO ECONOMICS

1. Exploring the subject matter of Economics, Markets and Welfare
2. Theory of Consumer Choice
3. The Firm and Perfect Market Structure
4. The Input Market

The objective of this course is to educate students on the fundamental ideas of microeconomic theory. This class will demonstrate how to apply microeconomic ideas to analyze real-life situations, with an emphasis on thinking like an economist.

CORE II: MATHEMATICAL METHODS IN ECONOMICS-I

1. Preliminaries and Functions of one real variable
2. Derivative of a Function
3. Functions of two or more Independent Variables
4. Matrices and Determinants

The subject aims to impart the foundational mathematics needed to study economic theory at the undergraduate level. Specifically, it covers the courses on statistics, econometrics, macroeconomic theory, and microeconomics that are outlined in this syllabus. Specific economic models are used in this course to illustrate how to apply approaches to economic theory in general, not as the ends in and of themselves. The contents of the recommended textbook indicate the level of complexity of the information to be taught.

FIRST SEMESTER GE

GE I: INDIAN ECONOMY I

1. Introduction to Indian Economy and Current Challenges
2. Indian Agriculture
3. Industrial Development in India
4. Service Sector in India

In order to help the students comprehend the fundamentals of the Indian economy and its planning process, this paper presents the essentials of the Indian economy. It also contributes to the understanding of India's industrial and agricultural development. The present issues facing the Indian economy will be understood by the students, as well as the policies and issues pertaining to the country's industrial and agricultural sectors.

FIRST YEAR- SECOND SEMESTER

**CORE III: INTRODUCTORY MICRO
ECONOMICS**

The purpose of this course is to introduce students to the fundamental ideas of macroeconomics. The

1. Basic Concepts in Macroeconomics
2. Measurement of Macroeconomic Variables
3. Money and Changes in its Value
4. Determination of National Income

overall economy is the subject of macroeconomics. The foundational ideas behind calculating and measuring aggregate macroeconomic variables such as GDP, money, savings, investments, inflation, and the balance of payments are covered in this course.

CORE IV: MATHEMATICAL METHODS IN ECONOMICS – II

1. Linear Models
2. Second and Higher Order Derivatives and Integration
3. Single and Multivariable Optimization
4. Optimization with Equality Constraints

This course is the second of two required courses in a sequence. After the first portion in Semester I, this part is to be taught in Semester II. The courses on microeconomic theory, macroeconomic theory, statistics, and econometrics that are outlined in this syllabus are specifically intended to provide the foundational mathematics needed to study economic theory at the undergraduate level. In this course, specific economic models serve as tools to demonstrate how mathematical methods are applied to economic theory in general rather than as the ends in and of themselves.

SECOND SEMESTER GE

GE II: INDIAN ECONOMY II

1. External Sector in India
2. Financial Markets in India
3. Indian Public Finance
4. Current Challenges Facing Indian Economy

This paper addresses the external sector, Indian financial markets, public finances in India, and economic reforms in the context of the Indian economy. The current issues facing the Indian economy are also briefly discussed in this paper.

SECOND YEAR -THIRD SEMESTER

CORE V: MICROECONOMICS – I

1. Consumer Theory, Preferences and Utility
2. The Income and Substitution Effects
3. Production function and Cost function
4. Profit Maximization

The goal of the course is to give students a solid foundation in microeconomic theory so they can formally evaluate individual agents' behaviors. Mathematical methods are employed to help students understand the fundamental concepts because they are already familiar with the quantitative procedures from the previous semester. In addition to examining producer and consumer behavior, this course also examines the actions of a competitive organization.

CORE VI: MACROECONOMICS – I

1. Consumption and Investment

In this course, students learn how to formally model a macroeconomic system using analytical

2. Demand for and Supply of Money
3. Aggregate Demand and Aggregate Supply
4. Inflation, Unemployment and Expectations, and Trade Cycles

CORE VII: STATISTICAL METHODS FOR ECONOMICS

1. Data Collection and Measures of Central Tendency and Dispersion
2. Correlation and Regression Analysis
3. Time Series and Index Number
4. Probability Theory and Sampling

techniques. In the short and medium terms, it addresses several alternate ideas of how output and employment are determined in a closed economy, as well as the function of policy in this regard. The course also covers a range of theoretical topics associated with an open economy for the students.

This course on statistical methods for economics begins with some basic concepts and terms that are fundamental to statistical analysis and inference. It is followed by a study and measure of relationship between variables, which becomes the root of economic analysis. This is followed by a basic discussion on index numbers and time series, further, the paper finally develops the notion of probability, followed by probability distributions of discrete and continuous random variables and introduces the most frequently used theoretical distribution, the Normal distribution and act as a bridge between probability theory and statistical inference.

THIRD SEMESTER GE

GE I: INDIAN ECONOMY I

1. Introduction to Indian Economy and Current Challenges
2. Indian Agriculture
3. Industrial Development in India
4. Service Sector in India

In order to help the students comprehend the fundamentals of the Indian economy and its planning process, this paper presents the essentials of the Indian economy. It also contributes to the understanding of India's industrial and agricultural development. The present issues facing the Indian economy will be understood by the students, as well as the policies and issues pertaining to the country's industrial and agricultural sectors.

SECOND YEAR- FOURTH SEMESTER

CORE VIII: MICROECONOMICS – II

1. Firm Supply and Equilibrium
2. General Equilibrium, Efficiency and Welfare
3. Market Imperfections: Monopoly and Oligopoly

This course gives emphasis on general equilibrium and welfare, imperfect markets and topics under microeconomics. It explains the monopoly firm's determination of price and output and explains elements that influence price output determination

4. Game Theory

and lays out the basics of game theory.

CORE IX: MACROECONOMICS – II

1. Modeling Economic Growth
2. Open Economy and Macroeconomic Policy
3. Classical and Keynesian Macroeconomics Thoughts
4. Monetarist and New Classical Macroeconomic Thoughts

In this course, the students are introduced to the long run dynamic issues like growth and technical progress and different economic models. It also provides the micro-foundations to the various aggregative concepts like the open economy and exchange rate policies. The paper also discusses different schools of thought of macroeconomics.

CORE X: RESEARCH METHODOLOGY

1. Basics of Research
2. Research Problem
3. Issues in Research
4. Actions in Research

This course provides a comprehensive introduction to basics of research and to develop a research orientation among the students and to acquaint them with fundamentals of research methods. It includes discussions on sampling techniques, research designs and techniques of analysis, issues and actions in research.

FOURTH SEMESTER -GE

GE II: INDIAN ECONOMY II

1. External Sector in India
2. Financial Markets in India
3. Indian Public Finance
4. Current Challenges Facing Indian Economy

This paper addresses the external sector, Indian financial markets, public finances in India, and economic reforms in the context of the Indian economy. The current issues facing the Indian economy are also briefly discussed in this paper.

THIRD YEAR-FIFTH SEMESTER

CORE XI: INDIAN ECONOMY-I

1. Basic Characteristics of Indian Economy as a Developing Economy
2. Population and Human Development
3. National Income in India – The Growth Story and Current Challenges
4. Economic Planning in India

This course reviews major trends in economic indicators and policy debates in India in the post-Independence period, with particular emphasis on paradigm shifts and turning points and some key policies in Indian Economy. It analyzes the causes, trends, effects and interrelationship between poverty, inequality and unemployment during different planning periods.

CORE XII: DEVELOPMENT ECONOMICS-I

1. Study of Economic Development

The course begins with a discussion of alternative conceptions of development and the need to study development economics. It then proceeds to

2. Theories of Economic Growth and Development
3. Poverty, Inequality, Agriculture, Industry and Development
4. Institutions and Economic Development

aggregate models of growth and cross-national comparisons of the growth which explains the, various indices of development, development gap. The paper covers measures of inequality, poverty and connections between agriculture and industry are explored. The course ends by linking political institutions to growth and inequality by discussing the role of the state in economic development and how institutions contribute to the developmental process of an economy.

DISCIPLINE SPECIFIC ELECTIVE (DSE) PAPERS:

DSE I: PUBLIC ECONOMICS

1. Introduction to Public Finance and Public Budgets
2. Public Expenditure
3. Public Revenue
4. Public Debt

The paper deals public finance, market failure, role of public sector, theory of maximum social advantage, it further analyzes government taxation and expenditures. It explains Public expenditure, Taxation and various related concepts. The major areas of Fiscal Federalism is also covered.

DSE II: MONEY AND BANKING

1. Money
2. Commercial Banking
3. Central Banking
4. Financial Markets

This course discusses the structure and composition of financial system and functioning of the monetary systems and banking sectors of the economy. It highlights the organization, structure and role of financial markets and banking sector. It also discusses the components of money supply and role played by central bank in the economy. Financial and banking sector reforms and monetary policy are covered.

THIRD YEAR- SIXTH SEMESTER

CORE XIII: INDIAN ECONOMY-II

1. Agricultural Development in India
2. Industrial Development in India
3. Tertiary Sector, HRD and the External Sector
4. Indian Economy and Environment

This course examines sector-specific policies and their impact in shaping trends in key sectors in Indian economy. It highlights major policy initiatives and evaluates the growth of Indian economy highlighting the contribution of different sectors. It explains the significance, performance and policies

of agriculture, industry, service and external sector.

CORE XIV: DEVELOPMENT ECONOMICS -II

1. Population and Development
2. Dualism and Economic Development
3. Environment and Development
4. International Trade and Economic Development and Financing Economic Development

This course begins with basic demographic concepts and their progress during economic development. The paper analyzes the role of capital in development and various obstacles to development. The governance of communities and organizations are studied and linked to different theories of growth. The course ends with reflections on the role and importance of international trade in global scenario.

DISCIPLINE SPECIFIC ELECTIVE (DSE) PAPERS

DSE III: ENVIRONMENTAL ECONOMICS

1. Economy and Environment
2. The Economics of Pollution and Climate change
3. Valuation of Environmental Damage
4. Natural Resources and Sustainable Development

This course introduces the students to the basics of environmental economics to understand the fundamentals of environmental concerns and its impact on the growth of an economy. The paper aims to examine inter linkages between the Economy and the Environment and explain markets for the Environment which relates to the concept of sustainability.

DSE IV: DISSERTATION

Project Work

The course is expected to help students to understand and learn about the basics of a project work. The mark division is such as Dissertation content: 50, Seminar: 30, Viva: 20


HOD


Principal
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