

## Course Outcomes

SL. NO.	SEMESTER	PAPER CODE & TITLE	COURSE OUTCOMES	UNIT/CHAPTER	BLOOM'S TAXONOMY LEVELS
1	I	ECO-HC-1016 Introductory Microeconomics	This course is designed to expose the students to the basic principles of microeconomic theory. The emphasis will be on thinking like an economist and the course will illustrate how microeconomic concepts can be applied to analyse real-life situations.	1. Exploring the subjectmatter of Economics	Knowledge, Understanding
				2. Supply and Demand: How Markets Work, Markets and Welfare	Knowledge, Understanding
				3. The Households	Knowledge, Understanding
				4. The Firm and PerfectMarket Structure	Knowledge, Understanding
				5. Imperfect MarketStructure	Knowledge, Understanding
				6. Input Markets	Knowledge, Understanding
2	I	ECO-HC-1026: Mathematical Methods In Economics–I	This is the first of a compulsory two-course sequence. The objective of this sequence is to transmit the body of basic mathematics that enables the study of economic theory at the undergraduate level, specifically the courses on microeconomic theory, macroeconomic theory, statistics and econometrics set out in this syllabus. In this course, particular economic models are not the ends, but the means for illustrating the method of applying mathematical techniques to economic theory in general. The level of	1. Preliminaries	Knowledge, understanding, application
				2. Functions of one realvariable	Knowledge, understanding, application
				3. Differential calculus	Knowledge, understanding, application
				4. Single variable optimization	Knowledge, understanding, application

			sophistication at which the material is to be taught is indicated by the contents of the prescribed textbook. This course examines sector-specific policies and their impact in shaping trends in key economic indicators in India. It highlights		
3	II	ECO-HC-2016: Introductory Macroeconomics	This course aims to introduce the students to the basic concepts of Macroeconomics. Macroeconomics deals with the aggregate economy. This course discusses the preliminary concepts associated with the determination and measurement of aggregate macroeconomic variables like savings, investment, GDP, money, inflation, and the balance of payments.	1. Introduction to Macroeconomics and National Income Accounting	Knowledge, Understanding
				2. Money	Knowledge, Understanding
				3. Inflation	Knowledge, Understanding
				4. The Closed Economy in the Short Run	Knowledge, Understanding
4	II	ECO-HC-2026: MATHEMATIC ALMETHODS IN ECONOMICS – II	This course is the second part of a compulsory two-course sequence. This part is to be taught in Semester II following the first part in Semester I. The objective of this sequence is to transmit the body of basic mathematics that enables the study of economic theory at the undergraduate level,	1. Linear algebra	Knowledge, understanding, application
				2. Functions of several real variables	Knowledge, understanding, application

			<p>specifically the courses on microeconomic theory, macroeconomic theory, statistics and econometrics set out in this Syllabus. In this course, particular economic models are not the ends, but the means for illustrating the method of applying mathematical techniques to economic theory in general. The level of sophistication at which the material is to be taught is indicated by the contents of the prescribed textbook. This is the first of compulsory two-course sequence. The objective of this sequence is to transmit the body of basic mathematics that enables the study of economic theory at the undergraduate level, specifically the courses on microeconomic theory, macroeconomic theory, statistics and econometrics set out in this syllabus. In this course, particular economic models are not the ends, but the means for illustrating the method of applying mathematical techniques to economic theory in general. The level of sophistication at which the material is to be taught is indicated by the contents of the prescribed textbook. This course examines sector-specific policies and their impact in shaping trends in key economic indicators in India. It</p>	<p>3.Multi-variable optimization</p>	<p>Knowledge, understanding, application</p>
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			highlights major policy debates and evaluates the Indian empirical evidence. Given the rapid changes taking place in the country, the reading list will have to be updated annually.		
5	III	ECO-HC-3016: INTERMEDIATE MICROECONOMIC S-I	The course is designed to provide a sound training in microeconomic theory to formally analyse the behaviour of individual agents. Since students are already familiar with the quantitative techniques in the previous semesters, mathematical tools are used to facilitate understanding of the basic concepts. This course looks at the behaviour of the consumer and the producer and also covers the behaviour of a competitive firm.	1. Consumer Theory	Knowledge, understanding
				2. Production, Costs and Perfect Competition	Knowledge, understanding
6	III	ECO-HC-3026 INTERMEDIATE MACROECONOMIC S I	This course introduces the students to formal modelling of a macro-economy in terms of analytical tools. It discusses various alternative theories of output and employment determination in a closed economy in the short run as well as medium run, and the role of policy in this context. It also introduces the students to various theoretical issues related to an open economy.	1. Aggregate Demand and Aggregate Supply Curves	Knowledge, Understanding
				2. Inflation, Unemployment and Expectations	Knowledge, Understanding
				3. Open Economy Models	Knowledge, Understanding

7	III	ECO-HC-3036: STATISTICAL METHODS FOR ECONOMICS	This is a course on statistical methods for economics. It begins with some basic concepts and terminology that are fundamental to statistical analysis and inference. It then develops the notion of probability, followed by probability distributions of discrete and continuous random variables and of joint distributions. This is followed by a discussion on sampling techniques used to collect survey data. The course introduces the notion of sampling distributions that act as a bridge between probability theory and statistical inference. The semester concludes with some topics in statistical inference that include point and interval estimation	1. Introduction and Overview	Knowledge, understanding.
				2. Elementary Probability Theory	Knowledge, understanding, application, analysis
				3. Random Variables and Probability Distributions	Knowledge, understanding, application, analysis
				4. Random Sampling and Jointly Distributed Random Variables	Knowledge, understanding, application, analysis
				5. Sampling	Knowledge, understanding, analysis
8	IV	ECO-HC-4016: INTERMEDIATE MICROECONOMICS -II	This course is a sequel to Intermediate Microeconomics I. The emphasis will be on giving conceptual clarity to the student coupled with the use of mathematical tools and reasoning. It covers general equilibrium and welfare, imperfect markets and topics under information economics.	1: General Equilibrium, Efficiency and Welfare	Knowledge, understanding
				2: Market Structure and Game Theory	Knowledge, understanding
				3: Markets with Asymmetric Information	Knowledge, understanding

9			This course is a sequel to Intermediate Macroeconomics I. In this course, the students are introduced to the long run dynamic issues like growth and technical progress. It also provides the micro- foundations to the various aggregative concepts used in the previous course.	1. Economic Growth	Knowledge, understanding
				2. Microeconomic Foundations	Knowledge, understanding
				3. Fiscal and Monetary Policy	Knowledge, understanding
				4. Schools of Macroeconomic Thoughts	Knowledge, understanding
10	IV	ECO-HC-4036: INTRODUCTOR Y ECONOMETRIC S	This course provides a comprehensive introduction to basic econometric concepts and techniques. It covers statistical concepts of hypothesis testing, estimation and diagnostic testing of simple and multiple regression models. The course also covers the consequences of and tests for misspecification of regression models.	1. Statistical Background	Knowledge, understanding, application
11	V	ECO-HC-5016: INDIAN ECONOMY-I	Using appropriate analytical frameworks, this course reviews major trends in economic	1. Economic Developments since Independence	Knowledge, understanding

			indicators and policy debates in India in the post-Independence period, with particular emphasis on paradigm shifts and turning points. Given the rapid changes taking place in India, the reading list will have to be updated annually.	2. Population and Human Development	Knowledge, understanding
				3. Growth and Distribution	Knowledge, understanding
				4. International Comparisons	Knowledge, understanding
12	V	ECO-HC-5026: DEVELOPMENT ECONOMICS-I	This is the first part of a two-part course on economic development. The course begins with a discussion of alternative conceptions of development and their justification. It then proceeds to aggregate models of growth and cross-national comparisons of the growth experience that can help evaluate these models. The axiomatic basis for inequality measurement is used to develop measures of inequality and connections between growth and inequality are explored. The course ends by linking political institutions to growth and inequality by discussing the role of the state in economic development and the informational and incentive problems that affect state governance.	1. Conceptions of Development	Knowledge, understanding
				2. Growth Models and Empirics	Knowledge, understanding
				3. Poverty and Inequality: Definitions, Measures and Mechanisms	Knowledge, understanding
				4. Political Institutions and the Functioning of the State	Knowledge, understanding

13	VI	ECO-HC-6016: INDIAN ECONOMY-II	This course examines sector-specific policies and their impact in shaping trends in key economic indicators in India. It highlights major policy debates and evaluates the Indian empirical evidence. Given the rapid changes taking place in the country, the reading list will have to be updated annually	1. Macroeconomic Policies and Their Impact	Knowledge, understanding
				2. Policies and Performance in Agriculture	Knowledge, understanding
				3. Policies and Performance in Industry	Knowledge, understanding
				4. Trends and Performance in Services	Knowledge, understanding
14	VI	ECO-HC-6026: DEVELOPMENT ECONOMICS-II	This is the second module of the economic development sequence. It begins with basic demographic concepts and their evolution during the process of development. The structure of markets and contracts is linked to the particular problems of enforcement experienced in poor countries. The governance of communities and organizations is studied and this is then linked to	1. Demography and Development	Knowledge, understanding
				2. Land, Labour and Credit Markets	Knowledge, understanding
				3. Individuals, Communities and Collective Outcomes	Knowledge, understanding
				4. Environment and Sustainable Development	Knowledge, understanding



			questions of sustainable growth. The course ends with reflections on the role of globalization and increased international dependence on the process of development	5. Globalization	Knowledge, understanding
16	V	ECO-HE-5026: MONEY AND FINANCIAL MARKETS	This course exposes students to the theory and functioning of the monetary and financial sectors of the economy. It highlights the organization, structure and role of financial markets and institutions. It also discusses interest rates, monetary management and instruments of monetary control. Financial and banking sector reforms and monetary policy with special reference to India are also covered.	1. Money	Knowledge, understanding
17	V	ECO-HE-5036: PUBLIC FINANCE	This course is a non-technical overview of government finances with special reference to India. The course does not require any prior knowledge of economics. It will look into the efficiency and equity aspects of taxation of the centre, states and the local governments and the issues of fiscal federalism and decentralisation in India. The course will be useful for students aiming towards careers in the government sector, policy analysis, business and journalism.	1. Theory	Knowledge, understanding
				2: Issues from Indian Public Finance	Knowledge, understanding
18		ECO-HE-6016: ENVIRONMENT ALECONOMICS	This course focuses on economic causes of environmental problems. In particular, economic principles are	1. Introduction	Knowledge, understanding
				2. The Theory of Externalities	Knowledge, understanding

			applied to environmental questions and their management through various economics institutions, economic incentives and other instruments and policies. Economic implications of environmental policy are also addressed as well as valuation of environmental quality, quantification of environmental damages, tools for evaluation of environmental projects such as cost-benefit analysis and environmental impact assessments. Selected topics on international environmental problems are also discussed	3. The Design and Implementation of Environmental Policy	Knowledge, understanding
				4. International Environmental Problems	Knowledge, understanding
				5. Measuring the Benefits of Environmental Improvements	Knowledge, understanding
				6. Sustainable Development	Knowledge, understanding
19	VI	ECO-HE-6026: INTERNATION ALECONOMICS	This course develops a systematic exposition of models that try to explain the composition, direction and consequences of international trade, and the determinants and effects of trade policy. It then builds on the models of open economy macroeconomics developed in courses 08 and 12, focusing on national policies as well as international monetary systems. It concludes with an analytical account of the causes and consequences of the rapid expansion of international financial flows in recent years. Although the course is based on abstract theoretical models, students will also be exposed to real-world	1. Introduction	Knowledge, understanding
				2. Theories of International Trade	Knowledge, understanding
				3. Trade Policy	Knowledge, understanding
				4. International Macroeconomic Policy	Knowledge, understanding

			examples and case studies.		
20		ECO-HG-1016: Principles of Microeconomics–I	This course intends to expose the student to the basic principles in Microeconomic Theory and illustrate with applications.	1. Introduction	Knowledge, understanding
				2. Consumer Theory	Knowledge, understanding
				3. Production and Costs	Knowledge, understanding
				4. Perfect Competition	Knowledge, understanding
21	II	ECO-HG-2016: Principles of Microeconomics–II	This is a sequel to Principles of Microeconomics covered in the first semester	1. Market Structures	Knowledge, understanding
				2. Factor pricing	Knowledge, understanding
22	III	ECO-HG-3016: Principles of Macroeconomics–I	This course introduces students to the basic concepts in Macroeconomics. Macroeconomics deals with the aggregate economy. In this course the students are introduced to the definition, measurement of the macroeconomic variables like GDP, consumption, savings, investment and balance of payments. The course also discusses various theories of determining GDP in the short run.	1. Introduction	Knowledge, understanding
				2. National Income Accounting	Knowledge, understanding
				3. Determination of GDP	Knowledge, understanding
				4. National Income Determination with Government	Knowledge, understanding

				Intervention and Foreign Trade	
				5. Money in a Modern Economy	Knowledge, understanding
23	IV		This is a sequel to Principles of Macroeconomics–I. It analyses various theories of determination of National Income in greater detail. It also introduces students to concept of inflation, its relationship with unemployment and some basic concepts in an open economy.	1. IS-LM Analysis	Knowledge, understanding
				2. GDP and Price Level in Short Run and Long Run	Knowledge, understanding
				3. Inflation and Unemployment	Knowledge, understanding
				4. Balance of Payments and Exchange Rate	Knowledge, understanding
24		ECO-SE-3014: Data Collection and Presentation	This course helps students in understanding use of data, presentation of data using computer softwares like MS-Excel. Students will be involved practically to preparation of questionnaires /interview schedules, collection of both primary and secondary data and its presentation. Students will also be asked to prepare a report on collected data and will be evaluated accordingly.	1. Use of Data	Knowledge, understanding
				2. Questionnaires and Schedules	Knowledge, understanding, application, analysis

25	IV	ECO-SE-4014: Data Analysis	This course discusses how data can be summarized and analysed for drawing statistical inferences. The students will be introduced to important data sources that are available and will also be trained in the use of statistical softwares like SPSS/PSPP to analyse data.	1. Data entry in softwares	Knowledge, understanding, application, analysis
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