

Semester I

A) Paper Code: C 1: INTRODUCTORY MICROECONOMICS

- Students will be able to expose 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 analyze real-life situations.

B) C 2: MATHEMATICAL METHODS IN ECONOMICS-I

- Through this paper the Body of basic mathematics enables the study of economic theory specifically the courses on microeconomic theory, macroeconomic theory, statistics and econometrics set.
- Students will be able to illustrating the method of applying mathematical techniques to economic theory in general.

Semester II

C) C 3: INTRODUCTORY MACROECONOMICS

- This will introduce the students to the basic concepts of Macroeconomics. Macroeconomics deals with the aggregate economy.
- Students will introduce with the preliminary concepts associated with the determination and measurement of aggregate macroeconomic variable like savings, investment, GDP, Money, inflation, and the balance of payment

D) C 4: MATHEMATICAL METHODS IN ECONOMICS - II

- Students will be taught to transmit the body of basic mathematics that enables the study of economic theory, specifically the courses on microeconomic theory.
- Students will be able to illustrating the method of applying mathematical techniques to economic theory in general.

Semester III

E) C 5: ESSENTIALS OF MICROECONOMICS

- This will provide a sound training in microeconomic theory to formally analyze the behaviour of individual agents. Since students are already familiar with the quantitative techniques.
 - This will enable students to look at the behaviour of the consumer and the producer and also covers the behaviour of a competitive firm.

F) C 6: ESSENTIALS OF MACROECONOMICS

- Students will introduce to formal modelling of a macro-economy in terms of analytical tools.
- Students will be able to discuss the 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.

G) C 7: STATISTICAL METHODS FOR ECONOMICS

- Students will acquaint with some basic statistical methods that can be applied in economics.

Semester IV

H) C 8: ADVANCED MICROECONOMICS

- This will give 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.

I) C 9: ADVANCED MACROECONOMICS

- 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.

J) C 10: INTRODUCTORY ECONOMETRICS

- This will provide a comprehensive introduction to basic econometric concepts and techniques.
- Students will introduce with statistical concepts of hypothesis testing, estimation and diagnostic testing of simple and multiple regression models.

Semester V

K) C-1: INDIAN ECONOMY- I

- Students will able to using appropriate analytical frameworks.
- Students will able to review major trends in economic indicators and policy debates in India in the post-Independence period, with particular emphasis on paradigm shifts and turning points.

L) C 12: DEVELOPMENT ECONOMICS-I

- Students will introduce with the alternative conceptions of development and their justification.
- It will help students to develop measures of inequality and connections between growth and inequality are explored.
- Students will able to 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.

DSE--- Any two from the following group-I to be chosen as DSE 1 and DSE 2:

DSE 1 (Group-I): ECONOMICS OF HEALTH AND EDUCATION

- Students will able to know the importance of education and health in improving well-being is reflected in their inclusion among the Millennium Development Goals adopted by the United Nations member states, which include among other goals, achieving universal primary education, reducing child mortality, improving maternal health and combating diseases.
- This course provides a microeconomic framework to analyze, among other things, individual choice in the demand for health and education, government intervention and aspects of inequity and discrimination in both sectors. It also gives an overview of health and education in India.

DSE 2 (Group-I): APPLIED ECONOMETRICS

- It will provide foundation knowledge in applied econometric analysis and will develop skills required for empirical research in economics viz. Specification and selection of regression models, dynamic econometric models, advanced methods in regression analysis and panel data models.
- Since the emphasis is on application of methods, this course will provide understanding of econometric software and computing skills to the students.

DSE 3 (Group-I): ECONOMIC HISTORY OF INDIA (1857-1947)

- Students will know the key aspects of Indian economic development during the second half of British colonial rule.
- Students will be able to investigate the place of the Indian economy in the wider colonial context, and the mechanisms that linked economic development in India to the compulsions of colonial rule.

DSE 4 (Group-I): GAME THEORY

- Game theory is an integral part of modern economic analysis. Game theory introduces the students to elementary game theory under complete information.
- Students will introduce with the basic concepts of game theory and will be able to use them in solving simple problem.

DSE 5 (Group-I): MONEY AND FINANCIAL MARKETS

- Students will introduce 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.

DSE 6 (Group-I): PUBLIC ECONOMICS

- Students will introduce with the nature of government intervention and its implications for allocation, distribution and stabilization.
- Students will acquaint with formal analysis of government taxation and expenditures.
- Students will acquaint with the theory of public economics as well as with Indian public finance.

Semester VI

M) C 13: INDIAN ECONOMY- II

- Students will be able to examine sector-specific policies and their impact in shaping trends in key economic indicators in India.
- Students will be able to evaluate the emerging issues.

N) C 14: DEVELOPMENT ECONOMICS-II

- Students will acquaint with basic demographic concepts and their evolution during the process of development.
- Students will introduce with the structure of markets and contract linked to the particular problems of enforcement experienced in poor countries.
- Students will know the governance of communities and organizations which will link to questions of sustainable growth.
- Students will know the role of globalization and increased international dependence on the process of development.

DSE--- Any two from the following group-I to be chosen as DSE 3 and DSE 4:

O) DSE 7 (Group-II): FINANCIAL ECONOMICS

- It will introduce the students to the economics of finance.
- Students will introduce some of the basic models used to benchmark valuation of assets and derivatives which include the CAPM, and the Binomial Option Pricing models.
- It will provide a brief introduction to corporate finance.

P) DSE 8 (Group-II): ENVIRONMENTAL ECONOMICS

- Students will be able to know the economic causes of environmental problems and particular, economic principles are applied to environmental questions and their management through various economic institutions, economic incentives and other instruments and policies.
- Students will acquaint with 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.

Q) DSE (Group-II): INTERNATIONAL ECONOMICS (6 Credits)

- Students will be able to describe the systematic exposition of models that try to explain the composition, direction, and consequences of international trade, and the determinants and effects of trade policy.
- Students will be able to describe national policies as well as international monetary systems.

R) DSE 10 (Group-II): THE ECONOMY OF NORTH-EAST INDIA (6 Credits)

- The students will acquaint with the characteristics as well as with the current issues of the economy of North-East India.
- The learners will also be able to know the performance and problems of the primary, secondary and tertiary sectors of North-East India.

S) DSE 11 (Group-II): HISTORY OF ECONOMIC THOUGHT (6 Credits)

- The students will acquaint with the historical developments in the economic thoughts propounded by different schools.

ECONOMICS GENERIC;

SEMESTER I

1. GE 1: INTRODUCTORY MICROECONOMICS

- Students will be able to expose the basic principles of microeconomic theory.
- Learners will be able to think like an economist and the course will illustrate how microeconomic concepts can be applied to analyze real-life situations.

SEMESTER II

2. GE 2: INTRODUCTORY MACROECONOMICS

- Students will introduce with the basic concepts of Macroeconomics.
- Students will acquaint with concepts associated with the determination and measurement of aggregate macroeconomic variable like savings, investment, GDP, money, inflation, and the balance of payments.

SEMESTER III

3. GE 3 (a): INDIAN ECONOMY- I

- Students will be able to review major trends in economic indicators and policy debates in India in the post-Independence period, with particular emphasis on paradigm shifts and turning points.
- Students will be able to evaluate the emerging issues.

4. GE 3 (b): MONEY AND FINANCIAL MARKETS

- Students will acquaint with the theory and functioning of the monetary and financial sectors of the economy.
- Students will acquaint with the organization, structure and role of financial markets and institutions.
- Students will be able to know the 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.

5. GE 3 (c): ENVIRONMENTAL ECONOMICS

- Students will be able to know the economic causes of environmental problems and particular economic principles are applied to environmental questions and their management through various economic institutions, economic incentives and other instruments and policies.
- Students will acquaint with 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.

SEMESTER IV

6. **GE 4 (a): INDIAN ECONOMY- II**

- Students will be able to examine sector-specific policies and their impact in shaping trends in key economic indicators in India.
- Students will acquaint major policy debates and evaluate the Indian empirical evidence.

7. **GE 4 (b): ECONOMIC HISTORY OF INDIA (1857-1947)**

- Students will be able to analyse the key aspects of Indian economic development during the second half of British colonial rule and the mechanisms that linked economic development in India to the compulsions of colonial rule.

8. **GE 4 (c): PUBLIC FINANCE**

- Students will introduce with the nature of government intervention and its implications for allocation, distribution and stabilization.
- Students will acquaint with formal analysis of government taxation and expenditures.
- Students will acquaint with the theory of public economics as well as with Indian public finance.