

DEPARTMENT OF ECONOMICS

Programme Educational Objectives (PEOs)

1. To make students familiar with economic theories and their relevance, econometrics models, quantitative techniques and applied research in a wide variety of fields within economics.
2. To impart in-depth knowledge to students about economic theory regarding utilization and allocation of resources including labour, natural resources and capital.
3. To know how the economy is influenced by economic policy, technological advances and demographic conditions and to keep them updated with current affairs including Economic Survey, Budget and RBI's Bi-monthly Monetary Policy.
4. To develop students' understanding about how market for goods and services function and how income is generated and distributed.
5. To give students in-depth knowledge into special fields of choice like agricultural economics, industrial economics, health economics, financial market, development economics, international trade, urban economics, econometrics, mathematical economics etc.

Programme Learning Outcomes (PLOs)

After having completed the 3-years undergraduate degree in B.A. (Hons.) in Economics, the students would be:

1. able to understand and demonstrate basic concepts and their relevance.
2. fluent with basics of statistical and econometrics tools and techniques to be further used in research.
3. comfortable with how markets work and to apply basic mathematical and optimization techniques.
4. understand structure of Indian economy, issues facing Indian economy and demography and be updated with current affairs.
5. well-versed with different domains of Economics and their key aspects and applications.

INTRODUCTORY MICROECONOMICS	
Course Code: 21ESBA101	
Credits: 6	
L T P : 5 1 0	
Prerequisite: NIL	

CLO1: able to understand and highlight basic economic problems of an economy and basic principles of microeconomic theory

CLO2: put the theory learnt in daily-life situations

CLO3: understand forces of demand and supply

CLO4: differentiate between different market structures

MATHEMATICAL METHODS IN ECONOMICS - I	
Course Code: 22ESBA102	
Credits: 6	
L T P : 5 1 0	
Prerequisite: NIL	

CLO1: comfortable with basic concepts of mathematics to be used in other courses also.

CLO2: fluent with concept of differentiation

CLO3: explain and interpret concept of integration

CLO4: develop the mathematical skills

INTRODUCTORY MACROECONOMICS	
Course Code: 21ESBA201	
Credits: 6	
L T P : 5 1 0	
Prerequisite: NIL	

CLO1: learn basic concepts of Macroeconomics

CLO2: acquire knowledge of how an economy works

CLO3: develop the understanding about money and inflation

CLO4: describe the outline of balance of payments

MATHEMATICAL METHODS IN ECONOMICS - II	
Course Code: 22ESBA202	
Credits: 6	
L T P : 5 1 0	
Prerequisite: NIL	

CLO1: comfortable with basic concepts of mathematics to be used in other courses also.

CLO2: learn about vectors, matrices and determinants

CLO3: work upon convexity and concavity of functions

CLO4: optimise a given constrained or unconstrained function

INTERMEDIATE MICROECONOMICS	
Course Code: 22ESBA301	
Credits: 6	
L T P : 5 1 0	
Prerequisite: NIL	

CLO1: learn about consumer and production theories

CLO2: to make decisions under risk and uncertainty

CLO3: know how decisions are made at consumer's end and at supplier's end

CLO4: learn about optimality and market failures

INTERMEDIATE MACROECONOMICS	
Course Code: 22ESBA132	
Credits: 6	
L T P : 5 1 0	
Prerequisite: NIL	

CLO1: learn about aggregate demand and aggregate supply functions

CLO2: establish relationship between inflation and unemployment

CLO3: understand and replicate about consumption theories

CLO4: explain different investment functions

STATISTICAL METHODS FOR ECONOMICS	
Course Code: 21ESBA303	
Credits: 6	
L T P : 5 1 0	
Prerequisite: NIL	

CLO1: differentiate between sample and population; sampling and non-sampling errors; primary and secondary data.

CLO2: develop skills to use quantitative techniques such as measure of central tendency, variability and correlation.

CLO3: make use of the techniques of the normal probability curve as a model in scientific theory.

CLO4: able to understand the concepts of correlation and regression and their relevance.

MICROECONOMICS	
Course Code: 22ESBA401	
Credits: 6	
L T P : 5 1 0	
Prerequisite: NIL	

CLO1: apply the mathematical tools in Economic theory

CLO2: learn about equilibrium and welfare

CLO3: determine price and output in imperfect markets

CLO4: develop the base for Game theory

MACROECONOMICS	
Course Code: 22ESBA402	
Credits: 6	
L T P : 5 1 0	
Prerequisite: NIL	

CLO1: learn about long run dynamic issues like growth and technical progress

CLO2: understand how fiscal and monetary policies work

CLO3: learn different economic theories and explain their relevance

CLO4: interpret different trade cycles theories

INTRODUCTORY ECONOMETRICS	
Course Code: 21ESBA403	
Credits: 6	
L T P : 5 1 0	
Prerequisite: NIL	

CLO1: acquire knowledge of statistical concepts of hypothesis testing

CLO2: build base for application part

CLO3: develop understanding of estimation and diagnostic testing of simple and multiple regression models

CLO4: learn about consequences, detection and remedies when assumptions are violated

INDIAN ECONOMY-I	
Course Code: 21ESBA501	
Credits: 6	
L T P : 5 1 0	
Prerequisite: NIL	

CLO1: learn about major trends in economic indicators and policy debates in India in the post-Independence period

CLO2: review major trends in major economic indicators

CLO3: acquire knowledge of major economic developments since independence

PUBLIC ECONOMICS	
Course Code: 21ESBA502	
Credits: 6	
L T P : 5 1 0	
Prerequisite: NIL	

CLO1: learn public economic theories

CLO2: learn about taxation and key function of public finance

CLO3: analyse and differentiate between different types of deficits

INDIAN ECONOMY-II	
Course Code: 21ESBA601	
Credits: 6	
L T P : 5 1 0	
Prerequisite: NIL	

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CLO1: learn about trends and performances in agriculture, industry and services sectors.

CLO2: acquire knowledge of economic reform policies.

CLO3: up-to-date with the current affairs of Indian economy.

INTERNATIONAL ECONOMICS	
Course Code: 21ESBA602	
Credits: 6	
L T P : 5 1 0	
Prerequisite: NIL	

CLO1: learn different trade theories

CLO2: learn different levels of economic co-operation

CLO3: comprehend real-world case studies

ECONOMICS OF HEALTH AND EDUCATION	
Course Code: 21ESBA503	
Credits: 6	
L T P : 5 1 0	
Prerequisite: NIL	

CLO1: understand and communicate Sustainable Development Goals

CLO2: reply for microeconomic frameworks for health and education

CLO3: comprehend India's health care and education sectors

ADVANCED ECONOMETRICS	
Course Code: 21ESBA504	
Credits: 6	
L T P : 5 1 0	
Prerequisite: NIL	

CLO1: build base for econometric analysis

CLO2: analyse and interpret different types of growth models

CLO3: deal with qualitative variables

CLO4: lean about handling variables and time-series data

DEVELOPMENT ECONOMICS-I	
Course Code: 21ESBA505	
Credits: 6	

L T P : 5 1 0	
Prerequisite: NIL	

CLO1: understand the difference between growth and development

CLO2: apply disciplinary knowledge of different growth models

CLO3: learn about different approaches to development

INTRODUCTORY GAME THEORY	
Course Code: 22ESBA506	
Credits: 6	
L T P : 5 1 0	
Prerequisite: NIL	

CLO1: build base for game theory

CLO2: learn about making decisions under uncertainty

CLO3: develop decision-making skills

POLITICAL ECONOMY-I	
Course Code: 21ESBA507	
Credits: 6	
L T P : 5 1 0	
Prerequisite: NIL	

CLO1: learn about capitalist modes of production

CLO2: understand the development process during globalization

CLO3: answer to different perspectives and development of globalization

MONEY AND FINANCIAL MARKETS	
Course Code: 21ESBA508	
Credits: 6	
L T P : 5 1 0	
Prerequisite: NIL	

CLO1: comprehend and understand theory and functioning of the monetary and financial sectors of the economy

CLO2: learn about interest rate determination

CLO3: stay updated regarding changes in financial and banking sector reforms and monetary policy

LAW AND ECONOMICS	
Course Code: 21ESBA509	
Credits: 6	
L T P : 5 1 0	
Prerequisite: NIL	

CLO1: familiarize with the economic approach toward thinking about the Law and Public Policy.
 CLO2: to recognize law as an important organizing force that influences actions of the private citizens as well as the government agencies.
 CLO3: learn how the law can support and, at times, can conflict with the functioning of the market and the government, the other two important organizing forces of an economy.
 CLO4: enhance critical thinking and inter-disciplinary approach towards law, economics and policymaking. Thereby, the course will help develop inter-disciplinary approach and enhance the employability skills of the students.

POLITICAL ECONOMY-II	
Course Code: 21ESBA603	
Credits: 6	
L T P : 5 1 0	
Prerequisite: NIL	

CLO1: analyse social change in historical perspectives
 CLO2: learn about changing role of finance
 CLO3: learn about capitalism

COMPARATIVE ECONOMIC DEVELOPMENT (1850-1950)	
Course Code: 21ESBA604	
Credits: 6	
L T P : 5 1 0	
Prerequisite: NIL	

CLO1: investigate selected issues in comparative historical perspective
 CLO2: make comparison between major economies
 CLO3: understand about industrial working class

FINANCIAL ECONOMICS	
Course Code: 21ESBA605	
Credits: 6	
L T P : 5 1 0	
Prerequisite: NIL	

CLO1: learn about different investment theories and portfolio analysis
 CLO2: learn about different options and derivatives
 CLO3: understand corporate finance

GAMES AND INFORMATION ECONOMICS	
Course Code: 22ESBA606	
Credits: 6	
L T P : 5 1 0	
Prerequisite: NIL	

CLO1: Learn about Prisoners' Dilemma

CLO2: Learn about Nash Equilibrium

CLO3: Learn about adverse selection and moral hazard problems

ENVIRONMENTAL ECONOMICS	
Course Code: 21ESBA607	
Credits: 6	
L T P : 5 1 0	
Prerequisite: NIL	

CLO1: learn about valuation of environment

CLO2: learn about sustainable development and international agreements

CLO3: comprehend international environmental problems

DEVELOPMENT ECONOMICS-II	
Course Code: 21ESBA608	
Credits: 6	
L T P : 5 1 0	
Prerequisite: NIL	

CLO1: learn about demographic terms

CLO2: understand different linkages

CLO3: familiar with sustainable development and globalization

DISSERTATION	
Course Code: 21ESBA609	
Credits: 6	
L T P : 5 1 0	
Prerequisite: NIL	

CLO1: design and conduct an original and ethical research.

CLO2: able to write a dissertation in the APA format. The research done can either be empirical/data based (quantitative, qualitative, or mixed-methods) or it can be in the form of a critical review of research and theory.

CLO3: apply statistical tools to research problems

INTRODUCTORY MICROECONOMICS	
Course Code: 21GEES101	
Credits: 3	
L T P : 3 0 0	
Prerequisite: NIL	

CLO1: able to understand and highlight basic economic problems of an economy and basic principles of microeconomic theory

CLO2: put the theory learnt in daily-life situations

CLO3: understand forces of demand and supply

CLO4: differentiate between different market structures

ENVIRONMENTAL ECONOMICS	
Course Code: 21GEES102	
Credits: 3	
L T P : 3 0 0	
Prerequisite: NIL	

CLO1: able to understand and demonstrate basic concepts and their relevance

CLO2: acquire knowledge of valuation of environment

CLO3: discuss key environmental problems

CLO4: familiarise with sustainable development and international agreements

INTRODUCTORY MACROECONOMICS	
Course Code: 21GEES201	
Credits: 3	
L T P : 3 0 0	
Prerequisite: NIL	

CLO1: learn basic concepts of Macroeconomics

CLO2: acquire knowledge of how an economy works

CLO3: develop the understanding about money and inflation

CLO4: describe the outline of balance of payments

PUBLIC ECONOMICS	
Course Code: 21GEES301	
Credits: 3	
L T P : 3 0 0	
Prerequisite: NIL	

CLO1: able to understand and demonstrate basic concepts of public economic theories and their relevance

CLO2: build an understanding of externalities and their solution

CLO3: learn about taxation and public finance

CLO4: differentiate between different types of deficits

INDIAN ECONOMY	
Course Code: 21GEES401	
Credits: 3	
L T P : 3 0 0	
Prerequisite: NIL	

CLO1: review major demographic indicators

CLO2: comprehend the concept of inequality

CLO3: analyse agriculture sector

LIVE PROJECTS & INDUSTRY VISITS (Faculty of Science , Humanities & Social Science)	
Course Code:	
Credits: 1	
Duration : Continuous	
Prerequisite: Nil	

CLO1: Capable enough to exhibit strong foundation knowledge of domain area.

CLO2: Students can take a challenge and place better career development scenario in professional life.

CLO3: It gives a strong boost for experienced to take their career into next stage.

CLO4: Successfully completion of live projects shows a better stand and technical expertise in domain area.

SUMMER INTERNSHIP (Faculty of Science , Humanities & Social Science)	
Course Code: 21FSH401	
Credits: 4	
Duration : 3 / 4 Weeks	
Prerequisite: Nil	

CLO1: Able to demonstrate various aspects of theory as well as practical.

CLO2: Able to build and expand network of professional relationships and contacts.

CLO3: Develop a solid work ethic and professional demeanour, as well as a commitment to ethical conduct and social responsibility.

CLO4: At the end of the course, a student will be competent in their domain area.