Course Specific Outcomes (CSOs) for B.Sc. Economics

CC1: INTRODUCTORY MICROECONOMICS

On the successful completion of the course, students will be able to:

CO-1: Understand the fundamental problems of an economy and optimal allocation of resources to meet the needs of the society

CO-2: Learn the market clearing mechanism for setting up equilibrium price and quantity depending on the demand and supply structures from aggregate to disaggregate unit level.

CO-3: Learn how various economic agents such as, consumers; firms etc. behave rationally to optimize their goals given the economic resources.

CO-4: Understand the short run and long run behaviour of firms in a given demand condition under perfectly competitive set up.

CC2: MATHEMATICAL METHODS IN ECONOMICS–I

On the successful completion of the course, students will be able to:

CO-1: Understand the transmission of basic mathematics that enables the creation of economic theory in general.

CO-2: Understand the application of mathematical techniques to economic theory in general.

CO-3: Understand the process of optimization techniques in economic theory in general.
CO-4: Analyze, particular economic models are not the ends and the material is to be taught is indicated by the contents of the prescribed textbook.

CC 3: INTRODUCTORY MACROECONOMICS

On the successful completion of the course, students will be able to:

CO-1: Understand nature, construction and measurement of key macroeconomic variables
CO-2: Understand the measurement of different components of national income and its importance as an indicator of human wellbeing
CO-3: Gets an idea regarding the determination of income in short run with essential impacts of fiscal and monetary policy variables in different macroeconomic set up (Classical and Simple Keynesian and Complete Keynesian)
CO-4: Gets an idea regarding the determination of income in long run with essential impacts of fiscal and monetary policy variables in different macroeconomic set up (Classical and Simple Keynesian and Complete Keynesian)

CC 4: MATHEMATICAL METHODS IN ECONOMICS - II

On the successful completion of the course, students will be able to:

CO-1: Perceive the characteristics of sample data using various methods of statistical measurements
CO-2: Understand the comparability, consistency, spreadness /concentration among different sets of sample data
CO-3: Understand the degree and the direction of association in bivariate setup
CO-4: Learn definition of various statistical terms
CO-5: Acquire the mathematical foundations necessary for further study of a variety of disciplines including postgraduate economics, statistics, computer science, finance and data analytics.
CO-6: Learn about vectors, matrices and determinants, optimize a given constrained or unconstrained functions, and work upon convexity and concavity of functions.

CC 5: INTERMEDIATE MICROECONOMICS - I

On the successful completion of the course, students will be able to:

CO-1: Acquire knowledge regarding the short run and long run behaviour of firms in a given demand condition under different imperfectly competitive market set up.
CO-2: Understand how to determine optimal price and employment of an input in different market structures and the role of the labour union in determining wage rates
CO-3: Check whether the independent action by each economic agent is consistent while there is interdependence among the economic agents.
CO-4: Know how choice in the face of risk differs from choice in the absence of risk, how to measure and reduce risk
CO-5: Understand the basic elements of consumer theory and production theory and the functioning of perfectly competitive market.
CO-6: Give students a solid grasp of microeconomic analysis using mathematical techniques where appropriate.
CO-7: Learn about consumer and production theories and optimality and market failures.

CC 6: INTERMEDIATE MACROECONOMICS - I

On the successful completion of the course, students will be able to:

CO-1: 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.
CO-2: Understand the microeconomic foundation of various aggregative concepts used in the previous course

CO-3: Understand the causes and effects of different types of inflation and inflation unemployment tradeoff in an economy

CO-4: Explain recent development in macroeconomic concepts with special reference to Real Business Cycle and New Keynesian Economics

CO-5: Learn about aggregate demand and aggregate supply functions.

CO-6: Establish relationship between inflation and unemployment.

CO-7: Learn about consumption and investment functions.

CC 7: STATISTICAL METHODS FOR ECONOMICS

On the successful completion of the course, students will be able to:

CO-1: Utilizing statistical techniques for quantitative, data based problems, analysis and inference.

CO-2: Solve a range of problems using the techniques covered and conduct basic statistical analysis of data.

CO-3: Develops the ability to understand econometrics courses at the Honours and Masters levels.

CC 8: INTERMEDIATE MICROECONOMICS - II

On the successful completion of the course, students will be able to:

CO-1: Have conceptual clarity to the student coupled with the use of mathematical tools and reasoning.

CO-2: Know the strategic behavior oligopolistic firms

CO-3: Understand market failure

CO-4: Learn about general equilibrium and welfare, imperfect markets and topics under information economics.

CC 9: INTERMEDIATE MACROECONOMICS - II

On the successful completion of the course, students will be able to:

CO-1: This course is a sequel to Intermediate Macroeconomics I

CO-2: Have an idea about the long run dynamic issues like growth and technical progress

CO-3: gather knowledge about the micro-foundations to the various aggregative concepts used in the previous course

CO-4: Learn different macroeconomic thoughts

CO-5: Learn about long run dynamic issues like growth and technical progress

CO-6: Learn about how fiscal and monetary policies work

CO-7: Learn about different trade cycles theories

CC 10: INTRODUCTORY ECONOMETRICS

On the successful completion of the course, students will be able to:

CO-1: know about comprehensive introduction to basic econometric concepts and techniques

CO-2: Have idea on statistical concepts of hypothesis testing

CO-3: know about estimation and diagnostic testing of simple and multiple regression models

CO-4: Analyze the consequences of and tests for misspecification of regression models After this, the students would be able to:

CO-5: Learn about statistical concepts of hypothesis testing.

CO-6: Develop understanding of estimation and diagnostic testing of simple and multiple regression models.

CO-7: Learn about consequences, detection and remedies when assumptions are violated.

CC 11: INDIAN ECONOMY-I

On the successful completion of the course, students will be able to:

CO-1: This course will help students understand the key issues related to the Indian economy.
CO-2: Review major trends in major economic indicators.
CO-3: Learn about major economic developments since independence.

CC 12: DEVELOPMENT ECONOMICS-I

On the successful completion of the course, students will be able to:

CO-1: Understand alternative conception of development and their justification
CO-2: Learn about various stages of growth along with various theories and models and strategy of growth.
CO-3: Understand the basic demographic concepts and their evolution during the process of development along with various theories and model explaining the problems of a labour surplus economy
CO-4: Learn different measures of poverty and inequality and explore the connection between growth and inequality
CO-5: Understand how trade causes economic development for Less Developed Countries (LDCs), particularly with reference to the issues of Balance of Payment, economic dependency of LDC

CC 13: INDIAN ECONOMY-II

On the successful completion of the course, students will be able to:

CO-1: Understand basic characteristics of Indian economy with Growth and distribution, sustainability and regional contrasts; structural change, savings and investment.
CO-2: Evaluate how the structure of Indian economy has changed in the planning era
CO-3: Understand the key economic issues related to Indian agriculture, industry, unemployment and poverty in both pre and post reform periods and their policy relevance.
CO-4: Understand the rational and major objectives of India's Five Year Plans, how the emphasis of these objectives has changed over time and recent developments.
CO-5: Examine the changes in the policies of the Government in pre and post reform periods in the fields of money and capita market, public economics and external sectors

CC 14: DEVELOPMENT ECONOMICS-II

On the successful completion of the course, students will be able to:

CO-1: This course teaches the student various aspects of social sector in the international and national economics view point, as well as important themes relating to the environment and sustainable development.
CO-2: It also introduces them to some issues of governance, globalization and international financial institutions

DISCIPLINE SPECIFIC ELECTIVE (DSE) PAPERS: ECONOMICS

GROUP-I

(i) ECONOMICS OF HEALTH AND EDUCATION

On the successful completion of the course, students will be able to:

CO-1: The students will learn the role of health and education in human development.
CO-2: They will be able to apply economic theory to understand the demand for health care, market failure in health insurance, economic evaluation of health care programmes and the role of public policy in the healthcare industry.

CO-3: They will also learn to analyse the returns to education, its role in labor market signaling and the progress of schooling in India.

(ii) MONEY AND FINANCIAL MARKETS

On the successful completion of the course, students will be able to:

CO-1: This allows students to understand current monetary policies and financial market outcomes.
CO-2: It also enables them to critically evaluate policies.
CO-3: Understand the economics of finance(Level 1-Remember) CO-2: Set up idea on some of the basic models used to benchmark valuation of assets and derivatives are studied in detail.
CO-4: Know the Option Pricing models (Level 3-Apply) CO-4: Explain brief idea to corporate finance.

GROUP-II

(iii) ENVIRONMENTAL ECONOMICS

On the successful completion of the course, students will be able to:

CO-1: The module aims to introduce students to the main theoretical and empirical concepts in environmental economics, equip students with a thorough analytical grasp of environmental policy theory, ranging from externalities to international environmental agreements and familiarise students with the main issues in environmental valuation and with the basic features of the environmental policy tools.
CO-2: At the end of the module the students should be able to demonstrate their understanding of the economic concepts of environmental policy.

(iv) DISSERTATION

On the successful completion of the course, students will be able to:

CO-1: Design small research work on a specified manner
CO-2: Explain different contemporary socio-economic issues by applying research methodology
CO-3:Process of data presentation and economic analysis, preparation of dissertation using statistical and simple econometric tool
CO-4:Prepare the students for concise form of presentation in their future academic and job assignments

GE I: INTRODUCTORY MICROECONOMICS

On the successful completion of the course, students will be able to:

CO-1: Think like an economist and illustrate how microeconomic concepts can be applied to analyze real-life situations.
CO-2: Learn some basic principles of microeconomics, interactions of supply and demand, and characteristics of perfect and imperfect markets.

GE II: INTRODUCTORY MACROECONOMICS

On the successful completion of the course, students will be able to:

CO-1: Train the students of economics about the basic elements of savings, investment, GDP, money, inflation, and the balance of payments.
CO-2: Understand how an economy works and develop the understanding about the money.

GE III: INDIAN ECONOMY

On the successful completion of the course, students will be able to:

CO-1: This course will help students understand the key issues related to the Indian economy.
CO-2: Review major trends in major economic indicators.
CO-3: Learn about major economic developments since independence.

GE IV: MONEY AND BANKING

On the successful completion of the course, students will be able to:

CO-1: This allows students to understand current monetary policies and financial market outcomes.
CO-2: It also enables them to critically evaluate policies.

SEC I: DATA ANALYSIS AND COMPUTER APPLICATIONS

On the successful completion of the course, students will be able to:

CO-1: Reading data using MS Excel, accessing and extensive use of MS Excel, writing MS Excel programmes.
CO-2: draw Charts and diagrams and their uses.
CO-3: Statistical analysis and result interpretation.

SEC II: ECONOMICS OF FLORICULTURE

On the successful completion of the course, students will be able to:

CO-1: Understand the world market of floriculture, the trends in floriculture industry and to locate the potential employability related to the floriculture sector.
CO-2: Help the student to accept floriculture as a viable earning alternative.