



DEPARTMENT OF ECONOMICS

CO - PO/PSO ASSESSMENT Academic Year: 2022-23

Belda College

Re-accredited and Graded 'B' (CGPA-2.75) NAAC

**PROGRAMME OUTCOME (PO): BACHELOR OF SCIENCE: ECONOMICS HONOURS**

PO	Summary	Description
PO1	Problem Analysis	Identify, formulate and analyse complex economic problems and reach substantiated conclusions by applying the knowledge of statistics
PO2	Synthesis of Mathematics and Economics	Apply the knowledge of mathematics for better understanding of the different concepts in economics leading to synthesis of the two subjects
PO3	Research Orientation	Use research based knowledge and research methodology for formulation, interpretation of data and analysis of specific economic problems
PO4	Usage of Tools	Apply appropriate techniques for economic models with an understanding of the limitations
PO5	Environment and Sustainability	Understand the impact of economic activities on environment and determine the need for sustainable development evaluate the performance level of an economy with respect to sustainability
PO6	Effective Communication	Communicate effectively with the society at large with better comprehension and make effective presentations
PO7	Individual and Team work	Function effectively as an individual and as a team and shoulder responsibilities to accomplish a task
PO8	Critical Thinking	Analyse critically the economic situations and provide suggestions after checking the validity and accuracy using effective tools
PO9	Self-directed and Life-long Learning	Recognise the need for and engage in independent and life-long learning
PO10	Project Management and Finance	Demonstrate knowledge and understanding of economic and management principles and manage projects in multidisciplinary environment.
PO11	Understanding of National Economic scenarios	Demonstrate knowledge and understanding of national economic problems and application of economic policy reforms.
PO12	Global Thinking of economic Environment	Communicate knowledge and understanding of global economic problems and evolution of economic policy reforms.



PROGRAMME SPECIFIC OUTCOME (PSO) :: B.Sc ECONOMICS HONOURS

An economist must be ' mathematician, historian, statesman, philosopher, in some degree-----as aloof and incorruptible as an artist, yet sometimes as near the earth as a politician"----- so remarked John Maynard Keynes, the great British economist.

Three Year undergraduate Course in Economics Honours prepares students for career as professionals or researchers in the field of Economics. It helps students in the following ways.

PSO1: To understand the theories of exchange among rational economic agents in variant market structure.

PSO2: To analyze macroeconomic policies including fiscal and monetary policies for development.

PSO3: To interpret data for understanding the nature of the economies applying statistical tools.

PSO4: To get an idea of the behavior of Indian and World economy.

PSO5: To determine economic variables including inflation, unemployment, poverty, Gross Domestic Product, balance of payment using statistical methods.

PSO6: To understand the behavior of financial and money markets and perform cost benefit analysis for investment decisions.

PSO7: To develop knowledge about prospects of growth through specialization and exploration of market via trade.

PSO8: To analyze the role of the government in an economy for understanding public economics.

PSO9: To draw a relation between international trade, economic development and environmental quality.

PSO10: To apply knowledge of mathematics, statistics and advanced econometrics for modeling economic problems to achieve the objectives of the term papers.

**COURSE OUTCOME (CO):: DEPARTMENT OF ECONOMICS****B. Sc (Honours) in Economics**
[Choice Based Credit System]

Semester	Core Course	Course Outcome
1 st semester	CC-1: Introductory Microeconomics	On completion of the course, students are able to: CO1: Understand the basic concept of economics, its nature and scope. CO2: Construct rational attitude which will develop through analysis of theory of consumer behavior. CO3: Develop the real understanding of price profit mechanism and there by competitive nature through the analysis of market. CO4: Understand the role and contribution of inputs in the production process.
	CC-2: Mathematical Methods in Economics-I	On completion of the course, students are able to: CO1: Understand preliminary mathematical tools and techniques and their application in economics. CO2: Understand application of continuous functions including derivatives make easier way of economic discussion of the long term matters. CO3: Explain the concept of local and global optima helps to understand maximization and minimization problem related to economics. CO4: Application of difference equations of first and second orders concerned to Cobweb model in economics.
	GE-1: Introductory Microeconomics	Students successfully completing this unit will have the ability to: CO1: Describe the various ideas on Economics and its related concept. CO2: Evaluate and discuss the law of demand and supply and to understand and analyze the consumer behavior pattern. CO3: Impart knowledge on production function and identify the various concepts of cost and revenue. CO4: Familiar about the different market structure and to enable the students to understand price and output determination under perfect and imperfect competition both.
2 nd semester	CC-3: Introductory Macroeconomics	Students successfully completing this unit will have the ability to: CO1: To explain the concept of macroeconomics. CO2: To apply the circular flow of income and expenditure. CO3: To analysis the income determination through classical and Keynesian economics CO4: To integrate the role of fiscal and monetary policies in regulating economy.
	CC-4: Mathematical Methods in Economics-II	On completion of the course, students are able to: CO1: Discuss the function of several variables helps to understand the nature of problems concern to economics. CO2: Concept of multi-variable optimization of linear and nonlinear are helpful in economic application. CO3: Discuss of differential equations of first order and second order help in economic field for dynamic analysis.
		On completion of the course, students are able to:



	GE- 2: Introductory Macroeconomics	<p>CO1: To explain the concept of macroeconomics.</p> <p>CO2: To apply the circular flow of income and expenditure.</p> <p>CO3: To analysis the income determination through classical and Keynesian economics</p>
3 rd semester	CC-5: Intermediate Microeconomics- I	<p>On completion of the course, students are able to:</p> <p>CO1: Analysis of Consumer theory concern to Cardinal Utility approach, the Ordinal Utility approach and the Revealed Preference approach.</p> <p>CO2: Discussion of theory of Production and Cost, make rational attitude to deal with the business life.</p> <p>CO3: Analysis of input market highlights an idea on distribution of income and their share in the production process.</p>
	CC-6: Intermediate Macroeconomics -I	<p>On completion of the course, students are able to:</p> <p>CO1: Understand Income determination in short run based on simple keyensian system.</p> <p>CO2: Discuss IS-LM model is effective to deal with determining equilibrium income and rate of interest in the static model.</p> <p>CO3: Analysis of aggregate demand and Supply helps to understand the basic problems like unemployment and inflation etc.</p> <p>CO4: Explain the concept of Philips curves highlights the real fact, a trade-off between inflation and unemployment.</p>
	CC-7: Statistical Methods in Economics	<p>Students successfully completing this unit will have the ability to</p> <p>CO1: Develops the knowledge of application of statistics in the field of economics</p> <p>CO2: Analysis Index number is a very practical matter in economic field concern to price level, Sensex, cost of living index and real GDP.</p> <p>CO3: Understand Theory of estimation which leads to develop vast knowledge in various ways in the real phenomena connected to the specific field of economics.</p>
	GE3: Environmental Economics	<p>Students successfully completing this unit will have the ability to:</p> <p>CO1: Analyze the importance and influence of environment on the economy including the quality of manpower.</p> <p>CO2: Describe the design and implementation of environmental policy.</p> <p>CO3: Impart knowledge on Sustainable Development like Concepts, measurement, perspectives from Indian experience.</p>
	SEC-I: Data Analysis	<p>On completion of the course, students are able to:</p> <p>CO1: Impart knowledge on the process of data collection.</p> <p>CO2: Knowledge on classification of data.</p> <p>CO3: Know regarding sources of Indian data and their analysis.</p>
	CC-8: Intermediate Microeconomics- II	<p>On completion of the course, students are able to:</p> <p>CO1: Highlights advance knowledge in microeconomics in various ways and their applications to deal with the real life business.</p> <p>CO2: Explain General equilibrium theory in the exchange economy.</p> <p>CO3: Understand application of game theory in the field of economics.</p> <p>CO4: Analysis market structure in advance stage concerned to Monopoly and Oligopoly market highlights strategic idea in the field of business.</p> <p>CO5: Analysis of input market under imperfect competition makes the real picture in determining input prices and the real fact regarding accumulation of profit.</p>
	CC-9:	<p>On completion of the course, students are able to:</p> <p>CO1: Evolution of macroeconomic structure provides broad idea regarding the</p>



4 th semester	Intermediate Macroeconomics -II	structural changes over the period of time since inception. CO2: Discuss the Backbone of Classical system based on aggregate supply in connection to Says' law, Classical Dichotomy etc. CO3: Explain the concept of macroeconomic foundations based on consumption, investment, demand for money etc. CO4: Describe the Monetary policies concerned to the central bank. CO5: Analysis of Growth models has the paramount importance in the field of planning and development of an economy.
	CC-10: Introductory Econometrics	On completion of the course, students are able to: CO1: Understand Classical linear regression model by method of OLS develops the power of estimation, goodness of fit, concepts of testing of hypothesis and confidence interval. CO2: Understand Multiple Classical linear regression model which is the motivation for multiple regression including estimation by using dummy variables. CO3: Analysis of Problems of multi-collinearity, heteroscedasticity and auto-correlation are the methods of rectification of the model and highlights the remedial measures.
	GE4: Money and Banking	On completion of the course, students are able to: CO1: Explain the meaning of money, functions of money, measurement; theories of money supply determination. CO2: Explain the concept of Money and capital markets, financial markets and institutions. CO3: Describe the functions of commercial bank, balance sheet and credit creation CO4: Describe the functions and role of central bank in the context of a developing country; explain the credit control policy of central bank.
	SEC-II: Research Methodology	Students successfully completing this unit will have the ability to: CO1: Describe the different types and needs of educational research CO2: Discuss the concept of variables and hypotheses, their nature, importance and types. CO3: Evaluate the different tools of data collection CO4: Apply writing of report for an educational project
5 th Semester	CC- 11 International Economics	On completion of the course, students are able to: CO1: Explain the concept of international trade in economics. CO2: Explain the concepts of comparative Vs absolute advantage theories of international trade and the modern international trade concerned to factor endowment. CO3: Analysis of balance of payments account in an open economy and discussion of trade policies.
	CC- 12 Public Economics	On completion of the course, students are able to: CO1: Explain the concept of public finance, its nature and scope. CO2: Understand the concept of public goods. CO3: Analysis of taxation bears much importance in public finance. CO4: Understand the concepts of budget, government expenditure multiplier, public debt are very important to clarify the economic problems of a nation.
	DSE-1: Economics of Health and	Students successfully completing this unit will have the ability to: CO1: Discuss role of health and education in human development. CO2: Get an idea of health sector in India: Health outcomes; health systems;



	Education	health financing. Education: investment in human capital CO3: Understand the rate of return to education in private and social sector, quality of education, gender and caste discrimination in India. CO4: Get an idea of education sector in India: Literacy rates, school participation, school quality measures.
	DSE-2: Money and Financial Markets	Students successfully completing this unit will have the ability to: CO1: Explain the concept of money, functions and measurement of money and theories of money supply determination. CO2: Discuss the role of financial markets and institutions. CO3: Explain the concept of money and capital markets. CO4: Describe the Indian banking system and central banking and monetary policy.
6 th Semester	CC- 13 Indian Economy	Students successfully completing this unit will have the ability to: CO1: Know the history of Indian economy, by nature mixed economy. CO2: Know the problems of Indian economy like inequality in distribution of income and wealth, poverty, unemployment etc. and the concept of human development index which is an important area of modern welfare economics. CO3: Discuss Economic policy reforms in India are an important part of Indian economics.
	CC- 14 Development Economics	On completion of the course, students are able to: CO1: Understand the meaning of economic development and its difference with economic growth. An overview and policy implication of one sector growth model like Harrod-Domar model and Sollow model. CO2: Describe the comparison of commonly used inequality measures including poverty measures help to know the distribution of income and wealth of a country. CO3: Gather knowledge about functions and role of Political institutions and economic institutions of a country.
	DSE-3: Environmental Economics	On completion of the course, students are able to: CO1: Explain the meaning of environmental economics; review of microeconomics and welfare economics. CO2: Explain the concept of pareto optimality and market failure in the presence of externalities; property rights and the coase theorem. CO3: Describe the design and implementation of environmental policy. CO4: Understand the International Environmental Problems. CO5: Explain the concept of Sustainable Development and its measurement
	DSE-4: Project Work	On completion of the course, the students will be able to: CO1: Student will acquire the ability to make link across different areas of knowledge and to generate, develop and evaluate ideas and information so as to apply these skills to the project task. CO2: Student will acquire the skill to communicate effectively and to present ideas clearly and coherently to specific audience in both the written and oral forms. CO3: Student will be able to learn on their own way, reflect on their learning and take appropriate action to improve it.



COURSE OUTCOME (CO):: DEPARTMENT OF ECONOMICS

B Sc (General) in Economics

[Choice Based Credit System]

Semester	Core Course	Course Outcome
1 st Semester	DSC-1A (CC1): Microeconomics	On completion of the course, students are able to: CO1: Understand the basic concept of economics, its nature and scope. CO2: Construct rational attitude which will develop through analysis of theory of consumer behavior. CO3: Develop the real understanding of price profit mechanism and there by competitive nature through the analysis of market. CO4: Understand the role and contribution of inputs in the production process.
2 nd Semester	DSC-1B (CC-2): Macroeconomics	Students successfully completing this unit will have the ability to: CO1: To explain the concept of macroeconomics. CO2: To apply the circular flow of income and expenditure and to analysis the income determination through classical and Keynesian economics CO3: To integrate the role of fiscal and monetary policies in regulating economy.
3 rd Semester	DSC-1C (CC-3): Development Economics	Students successfully completing this unit will have the ability to CO1: Understand the meaning of economic development and growth. CO2: Explain the policy implications of one sector growth models. CO3: Describe the inequality axioms; a comparison of commonly used inequality measures; Gender Inequality – Gender Development Index. CO4: Explain definition of institutions, Evolution of Political and Economic Institutions.
	SEC-1 : Indian Financial System	Students successfully completing this unit will have the ability to: CO1: Explain the basic concepts of call money market, commercial bills market, treasury bills market, short-term loan market. CO2: Explain the nature and function of central bank, commercial banks and NBFIs CO3: Explain the basic Concept of organized and unorganized Capital Market. CO4: Discuss the stock exchanges in India and explain the role and functions of Regulatory Authorities, SEBI.
4 th Semester	DSC-1D (CC-4): Features of Indian Economy	On completion of the course students will be able to: CO1: Describe the structure of Indian economy and the size and growth rate of population in India. CO2: Understand agriculture and industry as the foundation of economic growth and development. Understand banking system in India. CO3: Know the sources of revenue and expenditure of union and state Government and the volume and direction of India’s foreign trade in the post-Liberalization period.
	SEC-2: Computer Application in Economics	On completion of the course students will be able to CO1: Explain File Creation and Management System, Word Processing and Introduction to Excel/Spreadsheet for economic analysis of data. CO2: Graphical Representation of Data Sets: Pie Chart, Bar Chart, Histogram etc. CO3: Using Spreadsheet / Excel for Calculation of Descriptive Statistics: Mean Median, Mode, Standard Deviation, Simple Correlation, and Regression.



5 th Semester	DSE-1A Money & Banking	On completion of the course, students are able to: CO1: Explain the definition of Money and various Kinds of Money. CO2: Describe the definition & role of financial markets and financial intermediaries. CO3: Understand the money market and the components of money market. CO4: Explain the features, importance & functions and components of the capital market and stock market CO15: Explain the feature & functions of commercial banks, central bank and NBFIs
	SEC-3: Research Methodology	Students successfully completing this unit will have the ability to: CO1: Describe the different types and needs of educational research CO2: Discuss the concept of variables and hypotheses, their nature, importance and types. CO3: Evaluate the different tools of data collection CO4: Apply writing of report for an educational project
6 th Semester	DSE-1B Basic Statistics	On completion of the course, students are able to: CO1: Understand the importance and application of statistics. CO2: Outline the graphic and diagrammatic presentation of frequency distribution. CO3: Know about statistical measures such as Mean, Median and Mode for analysis and interpretation of data. CO4: Analyze the different measures of dispersion that are useful in the field of research.
	SEC-4: Data Analysis	On completion of the course, students are able to: CO1: The process of data collection will enhance skill to know the real scenario about socio-economic condition of the concerned area. CO2: Classification of data will help to develop knowledge about tabulation, graphical representation etc. CO3: Sources of Indian data and their analysis will develop skill for identification of problems and prospects of the economy and thereby policy implementation process.