FACULTY OF ECONOMICS AND BUSINESS

Bachelor of Science (Economics)
(Semester I-Vl)
(Under Continuous Evaluation System)

Session: 2020-21

The Heritage Institution
KANYA MAHA VIDYALAYA
JALANDHAR
(Autonomous)

Program Specific Outcome – Bachelor of Science (Economics)

B.Sc. (Economics) is a three year graduation degree program. The program aims at creation and dissemination of knowledge regarding core economic principles and issues; focusing on the link between theory and real world.

Upon successful completion of this course, students will be able to:

PSO1: understand the basic concepts and principles of economics.

PSO2: have in depth knowledge of concepts and basic theories of consumer behaviour, cost and market structure, and production behaviour.

PSO3: have in depth knowledge of concepts and basic macroeconomics theories such as employment, consumption, investment and international trade, money, banking, development and public finance.

PSO4: understand basic techniques of presentation and analysis of data; and some advanced applications and theory of theoretical and sampling distribution and econometric estimation methodologies.

PSO5: understand Indian experience with planning and various problems faced by Indian economy and latest developments in Indian economy.

Bachelor of Science (Economics) (Semester–I)
Course Code: BECL-1175
Microeconomics

Course Outcomes:

CO: After passing this course students will be able to have an In-depth grounding in the preliminary concepts and theories in consumer behavior, cost and market structure and production behavior.

Bachelor of Science (Economics) (Semester –I)
Course Code: BECL-1453
Quantitative Techniques–I

Course Outcomes:

After the successful completion of this course, the students will be able to

CO1: Solve linear equations of two variables and its applications in economics, under the quadratic equations, arithmetic progression, geometric progression and their applications in economics.

CO2: Develop understanding of elements of analytical geometry, straight lines, basic concepts of trigonometry and permutations and combinations.

CO3: Differentiate between a constant and a variable, graph of linear and quadratic functions and its applications in economics.

CO4: Recognize derivative of implicit functions, parametric functions, exponential functions, logarithmic functions and how to apply these derivatives in economics theory.

Bachelor of Science (Economics) (Semester –II)
Course Code: BECL-2175
Macroeconomics

Course Outcomes:

After passing this course students will be able to:

CO1: understand the consumption and investment behavior of an economy and factor affecting consumption and investment decisions.

CO2: demonstrate an understanding of nature and functions of money and the role of financial markets in the economy.

CO3: To discuss the instruments of money and capital market in India

CO4: understand the problem of inflation, its causes, effects and solutions in an economy.

Bachelor of Science(Economics) (Semester –II)
Session: 2020-2021
Course Code: BECL-2453
Quantitative Techniques–II

Course Outcomes:

After passing this course, students will be able to:

CO1: understand the basic concepts and techniques for analyzing data.

CO2: develop statistical approach and thinking among students to problem solving on a diverse
variety of disciplines.

CO3: understand the concept of time series in analyzing economics problems.

Bachelor of Science (Economics) (Semester –III)
Session 2021-22
Course Code: BECL-3175
Indian Economy

Course Outcomes:

After passing this course students will be able to:

CO1: understand the Indian development strategies and dynamics of problems of different sectors of Indian Economy

CO2: understand latest developments in social, agriculture, industry and external sector in India.

Bachelor of Science (Economics) (Semester –III)
Session 2020-21

Course Code: BECL-3453
Quantitative Techniques–III

Course Outcomes:

After passing this course students will be able to:

CO1: understand and apply the concept of differentiation in economic applications such as profit maximization, cost minimization or utility optimization.

CO2: understand and apply the concept of indefinite and definite integrals to the economics concepts like consumer and producer surplus.

CO3: explain and use matrix operations to solve system of equations

Co4: understand the basics of Linear programming.

Bachelor of Science (Economics) (Semester –IV)
Session 2020-21
Course Code: BECL-4175
International Economics and Public Finance

Course Outcomes:

After passing this course students will be able to:

CO1: be able to understand the concept, structure, disequilibrium causes and measures through which disequilibrium can be corrected.

CO2: be able to understand how the exchange rate is determined.

CO3: be able to understand the basis for and gains from trade.

CO4: be able to understand the basic aspects of public finances.

Bachelor of Science (Economics) (Semester –IV)
Session: 2020-2021
Course Code: BECL-4453
Quantitative Techniques–IV

Course Outcomes:

After passing this course students will be able to**:**

CO1: understand the axiomatic formulation of modern probability theory and think of random
variables as intrinsic need for analysis of random phenomena.
CO2: recognize the connection between theory and applications by appropriately fitting, assessing and interpreting the results/ outcomes

CO3: understand the basic principles underlying survey design and estimation.

Bachelor of Science (Economics) (Semester –V)
Course Code: BARL-5175
Economics of Development

Course Outcomes:

After passing this course students will be able to:

CO1: understand the different path ways of economic development , recognize the importance of assumptions in development models and their policy implications .

CO2: critically evaluate economic problems of developing and least developed countries and participate in the contemporary policy debate on development priorities

Bachelor of Science (Economics) (Semester –V)
Session 2021-22
Course Code: BECL-5453
Quantitative Techniques-V

Course Outcome:

After the successful completion of this course, the students will be able to

CO 1: understand the process of formulation and of testing the hypothesis.

CO2: understand the theoretical details of sampling distributions and their basic applications.

CO 3: learn ANOVA to split and analyse the variations in economic phenomenon.

Bachelor of Science (Economics) (Semester –VI)
Session 2020-21
Course Code: BECL-6175
Quantitative Methods for Economists

Course Outcomes:

After passing this course students will be able to:

CO1: learn basic tools of mathematics and statistics.
CO2: develop analytical and interpreting skills.
CO3: understand the appropriate methods for forecasting and estimation.

Bachelor of Science (Economics) (Semester –VI)
Session 2020-21
Course Code: BECL-6453
Quantitative Techniques-VI

Course Outcomes:

After passing this course students will be able to:

CO1: understand the nature and methodology of econometrics.

CO2: understand the OLS procedure of estimation of model and problems associated with it.

CO3: understand basics of estimation of models with lags