

Department of Economics

Nistarini College, Purulia, West Bengal

Bachelor of Arts in Economics (Core & Programme Course)

Course Outcome, Programme Outcome, Programme Specific Outcome,

(CO, PO, PSO)

PROGRAMME OUTCOMES (PO) – B A

P O 1: The students will be able to acquire in-depth and contemporary knowledge in the field of social sciences and humanities.

P O 2: The program will familiarize the students with the socio- economic and political, perspectives by adopting an inter-cultural and interdisciplinary approach.

P O 3: Students will develop research skills to comprehend, analyse, reflect and critically evaluate information gathered from primary and secondary sources.

P O 4: Students will be able to communicate and collaborate in professional and social settings.

P O 5: The program will equip students with relevant technological and analytical skills to be career ready and globally competitive.

P O 6: Students will be able to develop strong ethical, moral and human values and a sense of commitment and integrity.

P O 7: The program will develop the importance of nurturing a healthy mind and body.

P O 8: The program will develop an ability to think creatively and adopt an innovative approach.

P O 9: The program will build a strong foundation for pursuing higher studies and professional courses.

P O 10: The program will sensitize students towards sustainable development and environmental concerns.

PROGRAMME SPECIFIC OUTCOMES (P.S.O.) FOR BA – ECONOMICS (CORE COURSE)

P.S.O. 1: An understanding of crucial economic policies and its role in pursuing the objectives of growth development and stability

P.S.O. 2: An understanding of the prevailing socio-economic, political and legal environment and functioning of economies in this multidimensional framework

P.S.O. 3: Technological and analytical skills for applying theoretical knowledge to practical working of an economy at both micro and macro levels

Syllabus

Core Course:

1. Introductory Microeconomics
2. Mathematical Methods in Economics - I
3. Introductory Macroeconomics
4. Mathematical Methods in Economics - II
5. Intermediate Microeconomics - I
6. Intermediate Macroeconomics - I
7. Statistical Methods for Economics
8. Intermediate Microeconomics - II
9. Intermediate Macroeconomics - II
10. Introductory Econometrics
11. International Economics
12. Public Economics
13. Indian Economy
14. Development Economics

Discipline Specific Elective (DSE) Courses [Semester V& VI]

1. Issues in Indian Economy
2. Economics of Health & Education
3. Applied Econometrics
4. Environmental Economics
5. Money & Financial Markets
6. Political Economy II

Skill Enhancement Courses (SEC)

1. Data Analysis (Semester III)
2. Research Methodology (Semester IV)

Generic Elective Courses (GE) in Economics

1. Introductory Microeconomics
2. Introductory Macroeconomics

COURSE OUTCOME (CO):

Paper: CC1 Course Title: Introductory Microeconomics (BECOCCHT101)

This course is designed to expose the students to 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.

Paper: CC2; Title: Mathematical methods in Economics-I (BECOCCHT102)

This is the first of a compulsory two-course sequence. In this course, particular economic models are not the ends, but the means for illustrating the method of applying mathematical techniques to economic theory in general.

Paper: CC3; Title: Introductory Macroeconomics (BECOCCHT201)

This course aims to introduce the students to the basic concepts of Macroeconomics. This course discusses the preliminary concepts associated with the determination and measurement of aggregate macroeconomic variable like savings, investment, GDP, money, inflation, and monetary and fiscal policies.

Paper: CC4; Title: Mathematical methods in Economics-II (BECOCCHT202)

This course is the second part of a compulsory two-course sequence. It enables students to deal with Matrix Algebra, Function of several variables, multi-variable optimization, Differential Equations

Paper: CC5; Title: Intermediate Microeconomics-I (BECOCCHT301)

The course is designed to provide a sound training in microeconomic theory to formally analyze the behaviour of individual agents.

Paper: CC6; Title: Intermediate Macroeconomics -I (BECOCCHT302)

This course introduces the students to formal modelling of a macro-economy in terms of analytical tools. It discusses 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.

Paper: CC7; Title: Statistical Methods for Economics (BECOCCHT303)

This is a course on statistical methods for economics. It begins with the notion of probability, followed by probability distributions of discrete and continuous random variables and of joint distributions. This is followed by a discussion on sampling techniques used to collect survey data. The course introduces the notion of sampling distributions that act as a bridge between probability theory and statistical inference. The semester concludes with some topics in statistical inference that include point and interval estimation.

Paper: CC8; Title: Intermediate Microeconomics-II (BECOCCHT401)

This course is a sequel to Intermediate Microeconomics I. The emphasis will be on giving 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.

Paper: CC9; Title: Intermediate Macroeconomics-II (BECOCCHT402)

This course is a sequel to Intermediate Macroeconomics I. In this course, 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.

Paper: CC10; Title: Introductory Econometrics (BECOCCHT403)

This course provides a comprehensive introduction to basic econometric concepts and techniques. It covers statistical concepts of hypothesis testing, estimation and diagnostic testing of simple and multiple regression models. The course also covers the consequences of and tests for misspecification of regression models.

Paper: CC11; Title: International Economics (BECOCCHT501)

This course develops a systematic exposition of models that try to explain the composition, direction, and consequences of international trade, and the determinants and effects of trade policy. It concludes with an analytical account of the causes and consequences of the rapid expansion of international financial flows in recent years. Although the course is based on abstract theoretical models, students will also be exposed to real-world examples and case studies.

Paper: CC12; Title: Public Economics (BECOCCHT502)

Public economics is the study of government policy from the points of view of economic efficiency and equity. The paper deals with the nature of government intervention and its implications for allocation, distribution and stabilization. Inherently, this study involves a formal analysis of government taxation and expenditures. The subject encompasses a host of topics including public goods, market failures and externalities. The paper includes both the theory of public economics and the Indian public finances.

Paper: CC13; Title: Indian Economy (BECOCCHT601)

Using appropriate analytical frameworks, this course reviews major trends in economic indicators and policy debates in India in the post-Independence period, with particular emphasis on paradigm shifts and turning points. Given the rapid changes taking place in India, the reading list will have to be updated annually.

Paper: CC14; Title: Development Economics (BECOCCHT602)

The course begins with a discussion of alternative conceptions of development and their justification. It then proceeds to aggregate models of growth and cross-national comparisons of the growth experience that can help evaluate these models. The axiomatic basis for inequality measurement is used to develop measures of inequality and connections between growth and inequality are explored. The course ends by 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.

DISCIPLINE SPECIFIC ELECTIVE (DSE) COURSES

Paper: DSE 1; Title: Issues in Indian Economy (BECODSHT1)

The objective of this course is to provide a thorough introduction to the recent problems of Indian economy. Since 1991, the Indian economy has pursued free market liberalisation, greater openness in trade and increase investment in infrastructure.

Paper: DSE 2; Title: Economics of Health & Education (BECODSHT2)

The objective of this course is to provide a theoretical understanding of contribution of health and education in human capital formation. It makes one understand distinction between 'physical capital' and 'human capital'.

Paper: DSE 3; Title: Applied Econometrics (BECODSHT3)

The objective of this course is to provide a thorough introduction to the theory and application of contemporary econometric tools. It caters to students from different backgrounds, necessary if you are interested in applying econometric tools to data and problems in a variety of disciplines. Major focus of this course is to introduce students to the fundamentals of estimation and statistical inferences of a single equation linear regression model.

Paper: DSE 4; Title: Environmental Economics (BECODSHT4)

This course aims to provide an understanding about the application of economic theory and tools of policy analysis on various environmental issues. The course also introduces analytical concepts and theory concerning environmental externalities and optimal allocation of natural resources.

Paper: DSE 5; Title: Money and Financial Markets (BECODSHT5)

This course aims to provide an understanding about Money and Banking, Concepts, functions, measurement; theories of money supply determination. Financial Institutions, Markets, Instruments and Financial Innovations.

Paper: DSE 6; Title: Political Economy II (BECODSHT6)

This course aims to provide an understanding about analysing Social Change in Historical Perspective. The method of historical materialism; the transition from feudalism to capitalism; capitalism as a historical process – alternative perspectives; Emergence of socialism: social mode of extraction of surplus and socialist planning. Capitalism as an Evolving Economic System.

Skill Enhancement Courses (SEC) in Economics

Paper: SEC 1; Title: Data Analysis (Semester III) (BECOSEHT305/BECOSERT304)

This course aims to provide an understanding about sources of data. Population census versus sample surveys. Random sampling. Frequency distribution and summary Statistics. Analysis of Indian Data: Economic Survey, RBI Bulletin on currency and finance, ASI DATA, Foreign Trade Statistics, NSS Consumer surveys.

Paper: SEC 2; Title: Research Methodology (Semester IV/V) (BECOSEHT405/BECOSERT504)

This course aims to provide an understanding to the nature of research., formulating the research topic, review of Literature, approaches to research and research strategy, research ethics using secondary and primary data, collecting data through observations/ interviews/ questionnaire, sample selection methods, analyzing data, writing project report – referencing styles

Paper: SEC 3; Title: Financial Economics (Semester IV) (BECOSERT404)

This course aims to provide an understanding to the deterministic cash-flow streams Basic theory of interest; discounting and present value; internal rate of return; Random asset returns; portfolios of assets; Capital Asset Pricing Model (CAPM)

Paper: SEC 4; Title: Contemporary Economic Issues (Semester VI) (BECOSERT604)

This course aims to provide an understanding to the recent economic issues on Fiscal Policy, Understanding Economic Survey, Understanding Union Budget Need for the budget, Understanding the process of budget making in India, Analysis of budget in terms of various parameters.

Generic Elective Courses (GE) in Economics

Paper: GE 1; Introductory Microeconomics (BECOGEHT9)

This course aims to explore the subject matter of Economics, Supply and Demand: How Markets Work, Markets and Welfare, Markets and competition; The Households, The consumption decision - budget constraint, The Firm and Perfect Market Structure, Input Markets, labour markets; and labour markets and public policy.

Paper: GE 2; Introductory Macroeconomics (BECOGEHT9A)

This course aims to introduce Macroeconomics and National Income Accounting; balance of payments: current and capital accounts, functions of money; quantity theory of money; determination of money supply and demand; credit creation; tools of monetary policy. Inflation and its social costs; hyperinflation. The Closed Economy in the Short Run, Classical and Keynesian systems; simple Keynesian model of income determination; IS- LM model; fiscal and monetary multipliers.

CO, PO, PSO Matrix

Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CC1	2						3	1	3	1			
CC2	1								2	2	2	2	
CC3	3											3	
CC4							2						2
CC5	2	2	2		2			2		2			
CC6	2	3	2	3							3	2	
CC7					2								
CC8	3												
CC9					3								3
CC10	2												2
CC11				2									
CC12	3												
CC13	1				3	2	2	3	2	2	2	2	
CC14	2	2	2		2	3				2	2		2
CC Avg.	2.10	2.33	2.00	2.50	2.40	2.50	2.33	2.00	2.33	1.80	2.25	2.25	2.25
DSE1	1	2	3		1		3	1	2		3	1	3
DSE2						1					2	3	1
DSE3			3			3							
DSE4								3	3	3			3
DSE5	3	2		2	2	2				2		3	2
DSE6	2	3	1	3	3	3				1	3	1	2
DSE Avg.	2.00	2.33	2.33	2.50	2.00	2.25	3.00	2.00	2.50	2.00	2.67	2.00	2.20
SEC1		3	1			3	2			3	2	2	3
SEC2	1		3								2	3	3
SEC3	3	1	3							1			
SEC4	1			2	2		2	2	3	2			1
SEC Avg.	1.67	2.00	2.33	2.00	2.00	3.00	2.00	2.00	3.00	2.00	2.00	2.50	2.33
GE1	1		2	3		1	2		2	3	2	2	2
GE2	3	2		1	2	3		3		2	2		2
GE Avg.	2	2	2	2	2	2	2	3	2	2.5	2	2	2

Attainment of Course Outcomes: Batch 2017-2020

Code	Semester	Name of the Subject	Course Code	Attainment (Grading Average on a Scale of 3)
CC1	Semester I	Introductory Microeconomics	BECOCCHT101	1.67
CC2	Semester I	Mathematical methods in Economics-I	BECOCCHT102	2.00
CC3	Semester II	Introductory Macroeconomics	BECOCCHT103	1.67
CC4	Semester II	Mathematical methods in Economics-II	BECOCCHT104	1.25
CC5	Semester III	Intermediate Microeconomics-I	BECOCCHT105	2.50
CC6	Semester III	Intermediate Macroeconomics -I	BECOCCHT106	2.00
CC7	Semester III	Statistical Methods for Economics	BECOCCHT107	3.00
CC8	Semester IV	Intermediate Microeconomics-II	BECOCCHT108	3.00
CC9	Semester IV	Intermediate Macroeconomics -II	BECOCCHT109	1.33
CC10	Semester IV	Introductory Econometrics	BECOCCHT110	2.00
CC11	Semester V	International Economics	BECOCCHT111	2.00
CC12	Semester V	Public Economics	BECOCCHT112	3.00
CC13	Semester VI	Indian Economy	BECOCCHT113	2.00
CC14	Semester VI	Development Economics	BECOCCHT114	1.67
DSE1	Semester V	Issues in Indian Economy	BECODSHT1	2.00
DSE2	Semester V	Economics of Health & Education	BECODSHT2	1.00
DSE3	Semester V	Applied Econometrics	BECODSHT3	
DSE4	Semester VI	Environmental Economics	BECODSHT4	1.50
DSE5	Semester VI	Money and Financial Markets	BECODSHT5	1.67
DSE6	Semester VI	Political Economy II	BECODSHT6	
SEC1	Semester III	Data Analysis	BECOSEHT305/BECOSERT304	1.67
SEC2	Semester IV/V	Research Methodology	BECOSEHT405/BECOSERT504	1.33
SEC3	Semester IV	Financial Economics	BECOSERT404	3.00
SEC4	Semester VI	Contemporary Economic Issues	BECOSERT604	1.00
GE1	Semester III/V	Introductory Microeconomics	BECOGEHT9	2.00
GE2	Semester IV/VI	Introductory Macroeconomics	BECOGEHT9A	1.33

Attainment of Course Outcomes: Batch 2018-2021

Code	Semester	Name of the Subject	Course Code	Attainment (Grading Average on a Scale of 3)
CC1	Semester I	Introductory Microeconomics	BECOCCHT101	1.2
CC2	Semester I	Mathematical methods in Economics-I	BECOCCHT102	1.5
CC3	Semester II	Introductory Macroeconomics	BECOCCHT103	1.2
CC4	Semester II	Mathematical methods in Economics-II	BECOCCHT104	3
CC5	Semester III	Intermediate Microeconomics-I	BECOCCHT105	1.5
CC6	Semester III	Intermediate Macroeconomics -I	BECOCCHT106	2
CC7	Semester III	Statistical Methods for Economics	BECOCCHT107	1.5
CC8	Semester IV	Intermediate Microeconomics-II	BECOCCHT108	1.2
CC9	Semester IV	Intermediate Macroeconomics -II	BECOCCHT109	2
CC10	Semester IV	Introductory Econometrics	BECOCCHT110	2
CC11	Semester V	International Economics	BECOCCHT111	2
CC12	Semester V	Public Economics	BECOCCHT112	1.5
CC13	Semester VI	Indian Economy	BECOCCHT113	1.2
CC14	Semester VI	Development Economics	BECOCCHT114	1.5
DSE1	Semester V	Issues in Indian Economy	BECODSHT1	1.2
DSE2	Semester V	Economics of Health & Education	BECODSHT2	2
DSE3	Semester V	Applied Econometrics	BECODSHT3	
DSE4	Semester VI	Environmental Economics	BECODSHT4	2
DSE5	Semester VI	Money and Financial Markets	BECODSHT5	1
DSE6	Semester VI	Political Economy II	BECODSHT6	
SEC1	Semester III	Data Analysis	BECOSEHT305/BECOSERT304	1
SEC2	Semester IV/V	Research Methodology	BECOSEHT405/BECOSERT504	1.2
SEC3	Semester IV	Financial Economics	BECOSERT404	2
SEC4	Semester VI	Contemporary Economic Issues	BECOSERT604	1
GE1	Semester III/V	Introductory Microeconomics	BECOGEHT9	1.5
GE2	Semester IV/VI	Introductory Macroeconomics	BECOGEHT9A	1.2

Attainment of Course Outcomes: Batch 2019-2022

Code	Semester	Name of the Subject	Course Code	Attainment (Grading Average on a Scale of 3)
CC1	Semester I	Introductory Microeconomics	BECOCCHT101	1.2
CC2	Semester I	Mathematical methods in Economics-I	BECOCCHT102	3
CC3	Semester II	Introductory Macroeconomics	BECOCCHT103	1.5
CC4	Semester II	Mathematical methods in Economics-II	BECOCCHT104	2
CC5	Semester III	Intermediate Microeconomics-I	BECOCCHT105	1.5
CC6	Semester III	Intermediate Macroeconomics -I	BECOCCHT106	1.2
CC7	Semester III	Statistical Methods for Economics	BECOCCHT107	2
CC8	Semester IV	Intermediate Microeconomics-II	BECOCCHT108	1.5
CC9	Semester IV	Intermediate Macroeconomics -II	BECOCCHT109	1.5
CC10	Semester IV	Introductory Econometrics	BECOCCHT110	3
CC11	Semester V	International Economics	BECOCCHT111	1.5
CC12	Semester V	Public Economics	BECOCCHT112	1.5
CC13	Semester VI	Indian Economy	BECOCCHT113	1.5
CC14	Semester VI	Development Economics	BECOCCHT114	1.2
DSE1	Semester V	Issues in Indian Economy	BECODSHT1	1.5
DSE2	Semester V	Economics of Health & Education	BECODSHT2	1.5
DSE3	Semester V	Applied Econometrics	BECODSHT3	
DSE4	Semester VI	Environmental Economics	BECODSHT4	1.2
DSE5	Semester VI	Money and Financial Markets	BECODSHT5	3
DSE6	Semester VI	Political Economy II	BECODSHT6	
SEC1	Semester III	Data Analysis	BECOSEHT305/BECOSERT304	1.2
SEC2	Semester IV/V	Research Methodology	BECOSEHT405/BECOSERT504	2
SEC3	Semester IV	Financial Economics	BECOSERT404	1.5
SEC4	Semester VI	Contemporary Economic Issues	BECOSERT604	1.5
GE1	Semester III/V	Introductory Microeconomics	BECOSERT9	1.2
GE2	Semester IV/VI	Introductory Macroeconomics	BECOSERT9A	2