

BIJOY KRISHNA GIRLS' COLLEGE, HOWRAH

Estd : 1st August 1947. Affiliated to University of Calcutta
NCTE approved NAAC B accredited College with CPE status

POs PSO and COs

6. **Program Outcome-** At the end of the B.Sc Economics (Hons) programme, graduates will have:

P01: Core Subject Knowledge- Understanding of fundamental economic principles.

P02: Quantitative Skills- Skills used from mathematical models used in higher level economics and research work.

P03: Analytical Skills- Use of economics and statistical data analysis in the world of business economics.

P04: Self-awareness Learning- Self and team assignments help develop self-awareness, critical thinking and deepen learning.

P05: Professional Development- Prepare for a range of career choices in government, industry and academia viz., economists, economic planners, policy makers, financial advisors, researchers and teachers.

7. **Program Specific Outcome:** After graduation the student will be able to learn-

PSO 1: The behavioural patterns of different economic agents, advance theoretical issues and their applications.

PSO 2: Understand determinants of macroeconomics indicators.

PSO 3: Learn about basic as well as advanced econometrics tools and acquaint with Statistical software

PSO 4: Acquaint with some basic as well as advanced statistical methods to be applied in economics.

PSO 5: Acquaint with some basic mathematical methods to be applied in economics.

PSO 6: Acquaint with some basic theoretical concept of public finance.

PSO 7: Acquaint with the measurement of development with the help of theories along with the conceptual issues of poverty and inequalities with Indian perspectives.

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PSO 8: Delineate the fiscal policies designed for developed and developing economics. **PSO 9:** Facilitate the historical developments in the economic thoughts propounded by different schools.

PSO 10: Learn the basic concept of monetary analysis and financial marketing in Indian financial markets.

PSO 11: Learn the development issues of Indian economy

PSO 12: Acquaint with some basic concept of rural development and Managerial Economics.

PSO 13: Learn the real and monetary sides of International economics.

8. Course Outcome:

CO-1

**Course Code: Introductory Microeconomics (ECO-A-CC-1-1-TH-TU)-CC1
Intermediate Microeconomics (ECO-A-CC-3-5-TH-TU)-CC5
Intermediate Microeconomics (ECO-A-CC-4-8-TH-TU)-CC8**

The course is designed in a way where students will be able to understand the basic fundamentals of Economics. Students will be able to identify and explain economic concepts and theories related to the behavior of economic agents, markets, industry and firm structures, legal institutions, social norms, and government policies. Students will be able to integrate theoretical knowledge with quantitative and qualitative evidence in order to explain past economic events and to formulate predictions on future ones. Students will be able to evaluate the consequences of economic activities and institutions for individual and social welfare. Students will be able to identify the basic features of alternative representations of human behavior in economics.

CO-2

**Course Code: Mathematical Methods for Economics (ECO-A-CC-1-2-TH-TU)-CC2
Mathematical Methods for Economics (ECO-A-CC-2-4-TH-TU)-CC4**

Set and set operation and continuity with economic application. Understand function of real variables which has the economic application in building up the concept of elasticity. They will learn single variable optimization which has its economic application in the area of profit maximization and cost minimization. Matrix algebra and its application in input output analyses are introduced. Game theory is also introduced at the basic level. These topics will help the students get equipped with the necessary knowledge to express

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economic ideas with the formal mathematical concept. This will help them in future to pursue the research work and career in economics.

CO-3

Course Code: Introductory Macroeconomics (ECO-A-CC-2-3-TH-TU)-CC3
Intermediate Macroeconomics(ECO-A-CC-3-6-TH-TU)-CC6

Intermediate Macroeconomics(ECO-A-CC-4-9-TH-TU)-CC9

Students will learn about the determinants of macroeconomic conditions (national output, employment, inflation), causes of business cycles, and interactions of monetary and financial markets with the real economy, familiarizing themselves in the process with major economic theories of relevance. Students will be able to identify the determinants of various macroeconomic aggregates such as output, unemployment, inflation, productivity and the major challenges associated with the measurement of these aggregates. Students will be able to discuss the linkages between financial markets and the real economy, and how these linkages influence the impact of economic policies over different time horizons. Students will be able to describe the main macroeconomic theories of short term fluctuations and long term growth in the economy. Students will be able to critically evaluate the consequences of basic macroeconomic policy options under differing economic conditions within a business cycle.

CO4

Course Code: Statistics for Economics (Eco-A-CC-3-7-TH-TU)-CC7

Having successfully completed this module student will be able to:

Use graphical and numerical methods to calculate and illustrate descriptive statistics. Use the basic concepts of probability and Bayes Theorem. Identify the statistical concepts in questions about economic models. Use Excel to make basic statistical calculations and critically evaluate the basis for these calculations. Manipulate the probability models that are most widely used in economics, and apply them correctly and carry out the appropriate statistical analysis. Identify the appropriate regression model to apply to an economics dataset. Identify common problems which may affect regression analyses.

CO5

Course Code: Introductory Econometrics (ECO-A-CC-4-10-TH-TU)-CC10

Students who successfully completed should be comfortable with basic statistics and probability. They should be able to use a statistical/econometric computer package to estimate an econometric model and be able to report the results of their work in a non-technical and literate manner. In particular a student who successfully completes will be able to estimate and interpret linear regression models and be able to distinguish between

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economic and statistical importance. They should be able to critique reported regression results in applied academic papers and interpret the results for someone who is not trained as an economist.

CO6

Course Code: International Economics (ECO-A-CC-5-11-TH-TU)-CC11

Students will Recognize the cause of trade, sources of the gains from trade and the domestic and international distribution of those gains . Examine instruments and consequences of trade policy measures—including tariffs and quantitative restrictions. Understand international financial markets and the macroeconomics of open economies; balance of payments and the trade balance; exchange rates and the foreign exchange market; interest rates and capital flows; central banking and monetary policy in open economies; and exchange rate regimes.

CO7

Course Code: Indian Economy (ECO-A-CC-5-12-TH-TU)-CC12

After successfully completed the course the students will learn about Growth and development under different policy regimes and Objectives, achievements and failure of the planning. They will understand Demographic trends and issues. Development-concepts and measurement-GDP and PCI, PQLI, HDI, HPI etc. they will learn about tax reform and banking sector reforms.

CO 8

Course Code: Public Finance (ECO-A-CC-6-13-TH-TU)-CC13

Students will learn about Structure, pattern and policies of taxation in developing economies with special reference to India, Trend and pattern of public expenditure, nature and magnitude of public debt in India, Budget system, techniques of budgeting, budget deficits, latest Union budget with changing perspective and Objectives, role and limitation of fiscal policies in developing and developed countries, fiscal reforms in India.

Skill Enhancement Course: CO1

Course Code: Skill Enhancement Course I: ECO-A-SEC-3-A(1)-TH-Data Analysis
Skill Enhancement Course II: ECO-A-SEC-4-B(2)-TH-Research Methodology

Data analysis is broadly the subject matter of statistics and Econometrics. Having completed the module the student will be able to frame sampling techniques, able to conduct primary survey. They will learn how to collect data and how to interpret data by using descriptive statistics and also will be able to run the regression analysis and interpret the result. As this syllabus is included in Skill Enhancement Course, it is indeed increase the skill of the students as this course offers hands on training on data analytical software like

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STATA/SPSS. This course is very important for the economics students as this course will give the students the opportunity to go for data analyst job in market.

CO2

Course Code: Skill Enhancement Course I: ECO-A-SEC-3-A(1)-TH-Rural Development [RD]

This course is included in Skill Enhancement Course. By studying this course students will be able to learn about basic concept rural development and agriculture development and the role of NGOs in rural development. From the second unit students will learn about decentralized planning and participatory development, the role of panchayats in decentralized rural development. The student will be able to integrate the knowledge about the role of NABARD for promoting rural development, the concept of micro finance, the need for SHG for formation and SHGs in India. This course also comprises the critical evaluation of selected government schemes like MGNREGA.

CO3

Course Code: Skill Enhancement Course II: ECO-A-SEC-4-B(2)-TH-Managerial Economics

After the completion of the course, students will be able to – 1) Understand the roles of managers in firms 2) Understand the internal and external decisions to be made by managers 3) Analyze the demand and supply conditions and assess the position of a company 4) Design competition strategies, including costing, pricing, product differentiation, and market environment according to the nature of products and the structures of the markets. 5) Analyze real-world business problems with a systematic theoretical framework. 6) Make optimal business decisions by integrating the concepts of economics, mathematics and statistics.

Discipline Specific Elective(DSE): Course Outcome CO1

Course Code: ECO-A-DSE-5-A(1)-TH-P Applied-Econometrics [AE]

Students will learn about the uses of econometric models in empirical research. They will learn about cross sectional analysis, time series analysis and panel data analysis and application with Stata or R.

CO2

Course Code: ECO-A-DSE-5-A(1)-TH-TU-Economic History of India (1857-1947) [EHI]

In this course students will understand the impact of British rule on India and deindustrialization, commercialization of agriculture and economic drain. They will also

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learn about aspects of economic policies in British rule and land policy, policy of discriminating protection and currency and monetary policy.

CO3

Course Code: ECO-A-DSE-5-B(1)-TH-TU-Comparative Economic Development (1850-1950) [CED]

A successful student will learn the strategies and policies for economic development and related topic of industrialization in Soviet Union and regions of comparative development of Japan, South Asia, China and crisis and failures of Latin America and Africa.

CO4

Course Code: ECO-A-DSE-5-B(1)-TH-TU-Financial Economics [FE]

Students will understand Investment theory and Portfolio analysis like basic theory of interest, discounting, present value, bonds price and yields. They will learn about options and derivatives and patterns of corporate financing.