

**DUM DUM MOTIJHEEL COLLEGE**  
**DEPARTMENT OF ECONOMICS**  
**B.A./B.Sc. Economics (Hons) CBCS Syllabus**

**Issued by the West Bengal State University**

**With effect from 2018-19**

**Programme Specific Outcomes**

Economics Honours Programme aims to provide students a firm foundation in the discipline of Economics. The programme has a structured curricula which consists of 14 Core Courses, 4 Discipline Specific Elective (DSE) courses- 3 of which are to be chosen by the students from 5 options and the fourth one is a compulsory Project/Dissertation paper in the final semester.

The courses of Economics Honours are designed in such a manner that successful completion of the programme can bring the following outcomes:

- PO-1: Students acquire an in-depth knowledge of the two main pillars of economic theory –microeconomic theory & macroeconomic theory and their applications as well as extensions to other branches of economic analysis like International Trade, Public Finance, Financial Economics, Development Economics and Indian Economics.
- PO-2: Students learn the mathematical methods which are widely used in understanding economic theories and developing economic models. The knowledge about the synthesis of mathematics and economics paves the way to pursue higher studies in Economics & in its related fields.
- PO-3: The courses on statistical methods and econometric techniques develop student's aptitude in quantitative analysis – a crucial learning skill needed for empirical analysis.
- PO-4: The compulsory Project/Dissertation work in the final semester provides each student the opportunity to select specific economic issue of his/her interest as the topic for dissertation and apply the knowledge of economic theory and quantitative techniques to come up with conclusive findings. This exercise is expected to enhance analytical skill of the students and encourage them to take higher studies and research work in future.
- PO-5: After the completion of this programme it is expected that a student will have the necessary skills to understand and analyse in a logical manner all major economic phenomena. They can pursue higher studies in Economics and related areas and the nation will get good academicians and professionals in the future. Graduation in Economics enhances students' preparedness in different competitive examinations and even after graduation they can have a wide range of job opportunities in different sectors.

**DUM DUM MOTIJHEEL COLLEGE**  
**Course Outcome or Learning Outcome**  
**Three year B.A. /B.Sc. degree course**  
**Under CBCS semester system**  
**HONOURS COURSE IN ECONOMICS**  
**With effect from the session: 2018 – 2019**

**Course Name:** Core Course-1

**Course Code:** ECOACOR01T  
**Topic Name:** Introductory Microeconomics

**Course Outcome** The student, after completion of the course will be able to

1. get an idea about the function of a free market.
2. understand the price system which effectively solve the three basic problems of the economy i.e., what to produce, how to produce and for whom to produce.
3. learn about consumers' behaviour, producers' behaviour and their interactions in the market.
4. learn about the market equilibrium and stability of such equilibrium of the market.

**Course Name:** Core Course-2

**Course Code:** ECOACOR02T  
**Topic Name:** Mathematical Methods For Economics-I

**Course Outcome** The student, after completion of the course will be able to

1. understand the fundamentals of basic mathematics that enables the creation of economic theory in general.
2. understand the application of mathematical techniques to economic theory in general.
3. understand the process of optimization techniques in economic theory in general.
4. in this course, particular economic models are not the ends and material is to be taught as indicated by the contents of the prescribed textbook.

**Course Name:** Core Course-3

**Course Code:** ECOACOR03T

**Topic Name:** Introductory Macroeconomics

**Course Outcome** The student, after completion of the course will be able to

1. understand the nature of important macroeconomic variables , methods of their measurement and the relationship among them
2. understand the problems of measurement of the key economic variables
3. get an idea regarding the determination of income in short run and long run with essential impacts of fiscal and monetary policy variables in different macroeconomic,particularly, in Classical and Keynesian set up.

**Course Name:** Core Course-4

**Course Code:** ECOACOR04T

**Topic Name:** Statistical Methods for Economics –I

**Course Outcome** The student, after completion of the course will be able to

1. learn the basic concepts of statistical data analysis
2. perceive the characteristics of sample data using various methods of statistical measurements
3. understand the compatibility, consistency, spreadness /concentration among different sets of sample data
4. understand the degree and direction of association in bivariate set up
5. learn various important concepts of statistical analysis which has enormous applications such as Time Series, Index Numbers, Vital Statistics.

**Course Name:** Core Course-5

**Course Code:** ECOACOR05T

**Topic Name:** Intermediate Microeconomics-I

**Course Outcome** The student, after completion of the course will be able to

1. learn about the features and functions of a few imperfectly competitive market – each of which are framed to explain the reality of the day.
2. have an idea about the exploitation that exist in different imperfect market.
3. Learn the concept of interdependence of one economic unit with other and the resulting conjectural behaviour of the economic agents
4. understand the behaviour of economic agents in case of events where the outcome is uncertain

**Course Name:** Core Course-6

**Course Code:** ECOACOR06T

**Topic Name:** Intermediate Macroeconomics-I

**Course Outcome** This course is a sequel to CC3: Macroeconomics I. After successful completion of this course students will be able to:

1. understand various alternative theories of output and employment determination in a closed economy in the short run as well as in the long run, and the role of fiscal and monetary policy in this context.
2. understand the causes and effects of different types of inflation and reason for inflation and unemployment trade-off in an economy.
3. understand different aspects of an open economy

**Course Name:** Core Course-7

**Course Code:** ECOACOR07T

**Topic Name:** Mathematical Methods For Economics-II

**Course Outcome** The student, after completion of the course will be able to

1. understand the basic mathematics that enables the creation of economic theory in general
2. understand the application of mathematical techniques to economic theory specifically the courses on microeconomic theory, macroeconomic theory, statistics and econometrics set out in this syllabus
3. understand the application of linear Programming Problems, interdependence industry relation and game theory
4. in this course, particular economic models are not the ends, but the end is the means for illustrating the specific methods of applying mathematical techniques to economic theory.

**Course Name:** Core Course-8

**Course Code:** ECOACOR08T

**Topic Name:** Intermediate Macroeconomics-I

**Course Outcome** After completion of this course, the student will learn

1. certain strategies adopted by the interdependent competitors to capture larger share of the market. The oligopolistic market will be explained with the help of certain mathematical tools, primarily the game theory.
2. about certain cases of market failure that arises from uncertainty and information gap in the market.
3. the idea of normative economics where value judgment plays an important role in policy making.
4. the Pareto optimality and the general equilibrium of an economy. Welfare function the concept and conditions of welfare maximization of the society.

**Course Name:** Core Course-9

**Course Code:** ECOACOR09T

**Topic Name:** Intermediate Macroeconomics-II

**Course Outcome** On successful completion of this course students will be able to:

1. have an idea about the long run dynamic issues like growth and technical progress
2. gather knowledge about micro-foundations to various aggregative concepts
3. learn about different schools of Macroeconomic thought.

**Course Name:** Core Course-10

**Course Code:** ECOACOR10T

**Topic Name:** Statistical Methods for Economics –II

**Course Outcome** After successful completion of this course the students will be able to

1. learn conception and definitions of various statistical terms, rules and theorems alongwith the application of various univariate probability distribution functions
2. learn about probability distributions of discrete and continuous random variables and of joint Distributions
3. gather experience how to select samples from a population and discussion on sampling techniques used to collect survey data
4. learn basic concepts and terminology that are fundamental to statistical analysis and inference.
5. learn how to draw inferences about an unknown population with the help of sample observations.

**Course Name:** Core Course-11

**Course Code:** ECOACOR11T

**Topic Name:** Introductory Econometrics

**Course Outcome** After completion of this course , the student will learn

1. gather knowledge about comprehensive introduction to basic econometric concepts and techniques
2. have a thorough understanding on the statistical concepts of hypothesis testing
3. learn about estimation and diagnostic testing of simple and multiple regression models
4. learn about the consequences of and tests for misspecification of regression models.

**Course Name: Core Course-12**

**Course Code: ECOACOR12T**

**Topic Name: Development Economics**

**Course Outcome** After successful completion of this course the students will be able to

1. understand alternative conception of development and their justification.
2. learn about various stages of growth along with various theories and models and strategy of growth.
3. understand the basic demographic concepts and their evolution during the process of development along with various theories and model explaining the problems of labour surplus economy.
4. learn different measures of poverty and inequality and explore the connection between growth & inequality.
5. link the issues and strategies related with economic development and the question of sustainable development
6. 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 in terms of different theories.
7. understand the arguments in favour of protection and how different types of trade protectionist measures affect social welfare of LDCs.
8. interpret how inflow of foreign capital in terms of Multi National Corporations (MNCs) affects the economic development of host LDCs.
9. explore the debate between state and market in solving the fundamental economic problems of an economy and how they address the issue of social welfare.
10. understand the development of different International Financial Institutions like IMF, World Bank, WTO, etc and their functioning with special reference to LDCs.

**Course Name: Core Course-13**

**Course Code: ECOACOR13T**

**Topic Name: Indian Economy**

**Course Outcome** After successful completion of this course the students will be able to

1. understand the basic characteristics of the Indian economy with growth and distribution, sustainability and regional constraints ; trends in savings and investment.
2. evaluate how the structure of the Indian economy has changed in the planning era.
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.
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.
5. examine the changes in the policies of the Government in the pre and post reform periods in the fields of money and capital market , public economics and external sectors.

**Course Name:** Core Course-14

**Course Code:** ECOACOR14T

**Topic Name:** International Economics

**Course Outcome** After completion of this course , the student will learn

1. the basis of trade between nations and the possibility of mutual gain from international trade and the benefits of international flow of commodities, capital and finance.
2. the process of determination of exchange rate of currencies of different nations.
3. the impact of various trade barriers such as tariff, quota, voluntary export restraints imposed by the home country and the repercussion effect will also be clearly understood.
4. different policies that are adopted by the states to rectify the imbalances in balance of payment situation.

**Course Name:** Discipline Specific Elective Course-Group A(a)

**Course Code:** ECOADSE01T

**Topic Name:** Applied Econometrics

**Course Outcome** On successful completion of this course students will be able to:

1. have hands on experience in data collection and data entry, analysis of data in terms of charts , diagrams both for primary and secondary data
2. do statistical measures through computers using statistical software
3. handle data , learn projects reporting, paper presentation etc. using different tools of computers ( excel, word, PowerPoint)

**Course Name:** Discipline Specific Elective Course-Group A(b)

**Course Code:** ECOADSE02T

**Topic Name:** Public Economics

**Course Outcome** On successful completion of the course , the student will

1. have an idea about the features of Public Goods
2. know about the sources of revenue and heads of expenditure of a government
3. types and effects of public debt

**Course Name:** Discipline Specific Elective Course-Group A(c)

**Course Code:** ECOADSE03T

**Topic Name:** Economics of Health and Education

**Course Outcome** The student , after successful completion of the course will be able to understand

1. the importance of health and education in the human living standard and productivity .
2. importance of health and education of its citizens are essential for a successful development drive of any economy.
3. how in a microeconomic framework the individual choice in demand for health and education can be analysed.
4. the impact and scope for government intervention in these area.
5. the overall framework of the health and education system of India.



**Course Name:** Discipline Specific Elective Course-Group B(a)

**Course Code:** ECOADSE04T

**Topic Name:** Contemporary Development Economics

**Course Outcome** On successful completion of this course students will be able to

1. know diverse trajectories and patterns of growth to achieve their industrial transition followed clearly by set of countries
2. have ideas compares the outcomes of these diverse trajectories on sectoral change, inter-sectoral relations
3. understand about labour processes and industrial relations and also compares the role of the state in facilitating the respective trajectories.

**Course Name:** Discipline Specific Elective Course-Group B(b)

**Course Code:** ECOADSE05T

**Topic Name:** Financial Economics

**Course Outcome** On successful completion of this course students will be able to

1. have idea on some of the basic models to benchmark valuations of assets and derivatives are studied in detail
2. understand the economics of finance and thereby its wide applications
3. know the Option Pricing models and brief idea to corporate finance.

**Course Name:** Discipline Specific Elective Course-Group B(c)

**Course Code:** ECOADSE06T

**Topic Name:** Project /Dissertation

**Course Outcome** On successful completion of this course students will

1. be introduced with the application side of the subject in this course
2. learn the methods of using the primary and/ or secondary data for testing different hypothesis
3. learn how to apply the economic knowledge to explain the real world.
4. be introduced with the various statistical tools to analyse the data methods of forecasting the state of the economy.

**Course Name:** Skill Enhancement Course-1

**Course Code:** ECOSSEC01M

**Topic Name:** Survey Methodology

**Course Outcome** On successful completion of this course students will learn

1. about the methodologies of survey, adopt ideas on large scale sample survey methods and theoretical measurement issues including the scaling techniques
2. different methods of data collection and their relative importance
3. handling and analysing sample data

**Course Name:** Skill Enhancement Course-2

**Course Code:** ECOSSEC02M

**Topic Name:** Indian Official Statistics

**Course Outcome** On successful completion of this course students will learn

1. about the official organisations from where secondary data can be collected.
2. different sources of data on agriculture, employment, income and other
3. macro economic variables.
4. sources of demographic data.
5. about statistical organisations of India which collect , compile and publish national/ state level data.
6. international Statistical Systems for comparing economic and social indicators of different countries.

## **PROGRAMME SPECIFIC OUTCOMES (PSO) OF THREE -YEAR B.A/B.SC PROGRAMME WITH ECONOMICS GENERAL AS CORE COURSE UNDER CBCS SYSTEM**

The B.A Programme with Economics General ( ECOG) under CBCS system has a structured curricula which consists of 4 Discipline Specific Core (DSC) courses and 2 Discipline Specific Elective (DSE) courses to be chosen from 4 options.

Students of other Honours Programme can take 2 Generic Elective (GE) courses on Economics either in 1<sup>st</sup> & 2<sup>nd</sup> semester or in 3<sup>rd</sup> & 4<sup>th</sup> semester having the same syllabus as for DSC courses.

B.A –General students who have not chosen Economics as DSC from 1<sup>st</sup> semester can have a scope to study Economics as GE subject in the 5<sup>th</sup> & 6<sup>th</sup> semester where syllabus for DSC-1 & DSC-2 are followed.

DSC courses are designed in such a way that students can learn basic micro & macroeconomic theories , issues related to economic development and Indian economic problems. Students of General Courses also learn about the role of social sector in the development of an economy, different aspects of revenue and expenditure of government of a country and about the economics of international trade. The course also includes some elements of Statistics, knowledge of which is essential in professional life.

**DUM DUM MOTIJHEEL COLLEGE**  
**Course Outcome or Learning Outcome**  
**Three year B.A. /B.Sc. degree course**  
**Under CBCS semester system**  
**GENERAL COURSE IN ECONOMICS**  
**With effect from the session: 2018 – 2019**

**Course Name:** Generic Elective/ Discipline Specific CoreCourse-1

**Course Code:** ECOHGEC01T / (ECOGCOR01T)

**Topic Name:** Introductory Microeconomics

**Course Outcome** After the successful completion of the course ,the student will be able to understand

1. the concept of individual and market demand and supply of any commodity.
2. how the price of a commodity is determined in the market.
3. the consumers' behavior and the producers' behavior.
4. the features and function of a perfectly competitive market as well as a few imperfectly competitive market
5. the process of determination of different factor prices

**Course Name:** Generic Elective/ Discipline Specific CoreCourse-2

**Course Code:** ECOHGEC02T / (ECOGCOR02T)

**Topic Name:** Introductory Macroeconomics

**Course Outcome** After the successful completion of the course ,the student will learn

1. about the basic key macroeconomic concepts for an economy, namely, economic growth (in terms of GDP, GNP, National income), inflation (types, effects on economy and control it).
2. income determination in Keynesian model
3. money and banking system of an economy

**Course Name:** Generic Elective/ Discipline Specific CoreCourse-3

**Course Code:** ECOHGEC03T / (ECOGCOR03T)

**Topic Name:** DEVELOPMENT ECONOMICS

**Course Outcome** After the successful completion of the course ,the student will learn

1. the distinction between growth and development, indicators of growth, concept of HDI, GDI.
2. the alternative strategies of economic development and the complementary role of agriculture and industry in economic development.
3. the relationship between population and economic development ; the role and problems of domestic capital formation and foreign investment.
4. role of different international institutions like IMF, World Bank and WTO in economic development of developing nations.
5. nature and extent of gender discrimination in the society.

**Course Name:** Generic Elective/ Discipline Specific CoreCourse-4

**Course Code:** ECOHGEC04T / (ECOGCOR04T)

**Topic Name:** INDIAN ECONOMY

**Course Outcome** After the completion of the course students will be able to understand

1. the changes in the sectoral distribution of National Income and occupational structure during the plan period.
2. population growth ,population policy and population projections for India.
3. problems and policies related to the growth of agricultural and industrial production in India.
4. the use of various fiscal and monetary instruments used by the Union & State Governments and the Reserve Bank of India.

**Course Name:** Discipline Specific Elective Course-1a

**Course Code:** ECOGDSE01T

**Topic Name:** Elementary Statistics

**Course Outcome** After the completion of the course students will be able to understand

1. basic concepts and definitions of various statistical terms along with various statistical techniques which, in turn, helps the students to quantify the various micro and macroeconomic variables.
2. the quantitative measurement of different development indices in economic theory.

**Course Name:**        **Discipline Specific Elective Course-1b**

**Course Code:**        **ECOGDSE02T**

**Topic Name:**        **Economics of Social Sectors**

**Course Outcome**    After the completion of the course students will be able to understand

1. need for alleviation of poverty
2. relationship between health, education and economic development
3. concept of human development, gender empowerment and different development indices
4. demographic dividend

**Course Name:**        **Discipline Specific Elective Course-2a**

**Course Code:**        **ECOGDSE03T**

**Topic Name:**        **Trade and Development**

**Course Outcome**    After completion of this course the students will have

1. an idea about trade and gains from trade through different theories
2. how developing countries can protect themselves from international trade
3. about balance of payment, its accounting, different concepts of exchange rate and their determination, devaluation of currency, etc.
4. an idea of multinational corporations, their activities specially in developing countries

**Course Name:**        **Discipline Specific Elective Course-2b**

**Course Code:**        **ECOGDSE04T**

**Topic Name:**        **Public Finance**

**Course Outcome**    On successful completion of the course , the student will:

1. have an idea about the role of government in an economy
2. understand the features of public goods and the difference between private goods and public goods
3. know about the sources of revenue and heads of expenditure of a government
4. have an idea about the government budget and types and effects of public debt