<u>Department of Economics</u>

<u>Bethune College, Kolkata</u>

<u>(Affiliated by University of Calcutta)</u>

<u>Programme Specific Outcome (PSO) & Course Outcome (CO)</u>

Name of the programme: B.Sc. ECONOMICS Honours (Under CBCS)

Year of Introduction : Session 2018-19

Programme Specific Outcome (PSO):

- ➢ **PSO 1.** This programme will provide a very strong foundation in economic theories and their applicability.
- ➢ **PSO 2.** They would also have a strong understanding of using mathematical, statistical and econometric tools in solving economic problems.
- ➢ **PSO 3.** The students will develop an economic way of thinking.
- ➢ **PSO 4.** hey will also be able to interpret large sets of data as well as develop theoretical models.
- ➢ **PSO 5.** The students will also have a hand on experience of using softwares like MS Office, STATA and usage of different ICT facilities.
- ➢ **PSO 6.** The students will develop effective communication skills, teamwork, leadership and managerial abilities which would play a strong role in their future career in academic, industry and entrepreneurship and other fields.

Course Outcome (CO)

A. CORE COURSE

<u>Sem-1</u>

ECOA – CC-1.1 – Introductory Microeconomics (6 credits per week)

- ➢ **CO1.** This course will enable students to understand the basic tools and apparatus of Microeconomics.
- ➢ **CO2.** The students will understand the concepts of demand, supply and how markets work.
- ➢ **CO3.** They will also have an idea about real market situations and gain insight regarding the decision-making behaviour of economic agents.

- ● **ECOA – CC-1.2- Mathematical Methods in Economics 1 (6 credits per week)**

- ➢ **CO1.** This course will acquaint students with mathematical tools of optimisation like local and global optima which has a wide application in economics for profit maximisation and cost minimisation.

> **CO2.** It will also make students understand interaction between economic agents in static game theoretic framework.

Sem-2

ECOA –CC-2.3 – Introductory Macroeconomics (6 credits per week)

> **CO1.** This course will acquaint students with introductory ideas of Macroeconomic structure.
> **CO2.** It will also introduce some basic models of the structure of an economy like, Classical model and Keynesian model.

- **ECOA – CC-2.4- Mathematical methods in Economics II (6 credits per week)**

> **CO1.** This course will provide mathematical tools for economic models in terms of difference and differential equations.
> **CO2.** The students will be able to determine micro-level market adjustments and macro level scenarios in a dynamic framework.

Sem-3

- **ECOA – CC-3.5- Intermediate Microeconomics-I (6 credits per week)**

> **CO 1.** This course will give students an understanding of consumer behaviour through utility maximisation theories.
> **CO 2.** It will also acquaint the students with producer's behaviour through profit maximisation and by comparing cost and revenue.
> **CO 3.** Operations of firms under perfect competition, social cost of perfect competition and operation of input market under perfect competition will also be introduced in this course.

- **ECOA – CC-3.6- Intermediate Macroeconomics-I (6 credits per week)**

> **CO1.** This course will enable the students to study and compare between two most important macroeconomic models, e.g., Classical model and Keynesian model.
> **CO2.** This will also enable them to explain the economic activities using the theoretical ideas.

ECOA – CC-3.7- Statistical Methods for Economics (6 credits per week)

> **CO1.** The course will enable the students to learn some sophisticated statistical tools to deal with statistical data.
> **CO2.** They will also have knowledge of Elementary Probability Theory, Probability Distributions and Descriptive Statistics.
> **CO3.** They will also learn about sampling methods, distributions and estimations and Hypothesis Testing.

- **ECOA – CC-4.8- Intermediate Microeconomics II (6 credits per week)**

  - ➢ **CO1.** This course introduces equilibrium under imperfect competition like monopoly and oligopoly.
  - ➢ **CO2.** The student is expected to learn outcomes of the labour market under monopsony, bilateral monopoly and surplus value of labour.
  - ➢ **CO3.** The students are also expected to understand the determination of social equilibrium in the Paretian sense in general equilibrium framework.

- **ECOA – CC-4.9- Intermediate Macroeconomics II (6 credits per week)**

  - ➢ **CO1.** This course will acquaint the students about some recent theories of macroeconomics.
  - ➢ **CO2.** They will also learn about microeconomic foundations of macroeconomics.
  - ➢ **CO3.** This will encourage them to explore various schools of thoughts regarding how an economy works.
  - ➢ **CO4.** This course will also enable them to learn various theories of economic growth.

- **ECOA – CC-4.10- Introductory Econometrics (6 credits per week)**

  - ➢ **CO1.** The course will enable the students to learn some sophisticated econometric tools to deal with statistical data.
  - ➢ **CO2.** This course is meant to learn the Linear Econometric Model with the basic assumptions of the Simple Model.
  - ➢ **CO3.** They will also have knowledge of ANOVA. In econometrics this course offers deep understanding of the problems of Multicollinearity, Heteroscedasticity, Auto-correlation and Dummy variables.

Sem-5

- **ECOA – CC-5.11- International Economics (6 credits per week)**

  - ➢ **CO1.** This course will acquaint the students with various theories and models regarding international trade among economies.
  - ➢ **CO2.** It will also enable them to learn about different policies of international trade and their implications.

- **ECOA – CC-5.12- Indian Economy (6 credits per week)**

  - ➢ **CO1.** The students are supposed to gain an intensive exposure of the problems and growth aspects through sectoral analysis of the Indian Economy.

- **ECOA – CC-6.13- Public Economics (6 credits per week)**

  ➢ **CO1.** This course introduces the role of government in an economy and the various nuances of public economics in terms of tax , revenue, government expenditure,public debt both in terms of theory and practical applications.

- **ECOA – CC-6.14- Development Economics (6 credits per week)**

  ➢ **CO1.** This course gives the students the idea of development as against growth. The students are expected to learn different models of the theories of development.
  ➢ **CO2.** They will also get a comprehensive idea about different development strategies and the role of the Government.

B. DISCIPLINE SPECIFIC ELECTIVE COURSE

Sem-5

- **ECOA – DSE 5.A1- Applied Econometrics [AE] (6 credits per week)**

  ➢ **CO1.** The course will provide sufficient knowledge regarding the econometric applications in cross section analysis, time series data analysis and also in case of Panel data.
  ➢ **CO2.** They will also have knowledge of Model selection, Misspecification and Functional forms.

- **ECOA – DSE 5.A1- Economic History of India (1857-1947)[EHI] (6 credits per week)**

  ➢ **CO1.** The course will provide sufficient knowledge regarding the economic history of India in the pre-independent period and impacts of colonization of Indian Economy.
  ➢ **CO2.** They will also have knowledge of evolution and background of changes in policy framework in modern India.

- **ECOA – DSE B1- Comparative Economic Development [CED] (6 credits per week)**

  ➢ **CO1.** This course is expected to make students aware of the economic policies in tackling economic problems and development issues in other developing , developed and emerging economies like Japan, China, Russia, Latin America.
  ➢ **CO2.** The students will also be exposed to success stories of economies from under development to development.

- **ECOA – DSE B1- Financial Economics [FE] (6 credits per week)**

- ➢ **CO1.** This course is expected to make students aware of the basic theory of financial economics.
- ➢ **CO2.** The students will also be able to form various models of modern financial economics.
- ➢ **CO3**. This course will help the students to get the idea new emerging field of corporate finance.

Sem-6

ECOA – DSE A2- Money and Financial Market [MFM] (6 credits per week)

- ➢ **CO1.** This course is expected to make students aware of the basic theory of financial markets and interest rate behaviour, with special focus on Indian Economy.
- ➢ **CO2.** The students will also be able to understand the various financial instruments of government/central bank and their impact on financial markets.
- ➢ **CO3**. This course will help the students to get the idea about the banking system with a special reference to Indian economy.

ECOA – DSE A2- Issues in Indian Economy [IIE] (6 credits per week)

- ➢ **CO1.** This course will encourage the students to develop individual research skills consisting of analytical studies of various economic problems and issues.

ECOA – DSE B2- Issues in Development Economics [IDE] (6 credits per week)

- ➢ **CO1.** This course will acquaint the students with contemporary issues and problems regarding development of an economy specifically emphasising the important issues related to sustainability and community action.

C. SKILL ENHANCEMENT COURSE

Sem-3

- ● **ECOA – SEC –A1-- Data Analysis [DA] - (2 credits per week)**

  - ➢ **CO1.** The course will enable the students to learn some practical knowledge about the real statistical data relating to the Indian Economy.
  - ➢ **CO2.** They will learn about the methods of Collection of data and also have some knowledge of Census of India, Sample survey design of Central Statistics Office (CSO) and the representation of data by CSO.

- ● **ECOA – SEC –A2—Rural Development [RD] - (2 credits per week)**

  - ➢ **CO1.** The course will enable the students to learn about different aspects of rural development relating to the Indian Economy.
  - ➢ **CO2.** They will learn about the concept of decentralized planning with respect to panchayat and rural development with special reference to West Bengal.

> **CO3.** They will also learn about critical evaluation of some selected government programme regarding rural development.

Sem-4

- **ECOA – SEC –B1- Research Methodology- (2 credits per week)**
  - > **CO1.** This course is expected to orient students towards research. They will also learn to prepare questionnaires, data entry, collation of data and interpretation of results.
  - > **CO2.** They are expected to be trained to write original papers by introducing them to technicalities and structure of research papers.

- **ECOA – SEC –B2- Managerial Economics- (2 credits per week)**
  - > **CO1.** This course will enable the students to understand the demand, profit and pricing analysis.
  - > **CO2.** They are expected to learn about the capital budgeting, cost of capital and inventory analysis regarding production and management.

D. GENERIC ELECTIVES

Sem-1

ECOG – GE-1- Introductory Microeconomics - (6 credits per week)

> **CO1.** This course will enable students to understand the basic tools and apparatus of Microeconomics. The students will understand the concepts of demand, supply and how markets work.

> **CO2**. They will also have an idea about real market situations and gain insight regarding the decision-making behaviour of economic agents.

Sem-2

ECOG – GE-2- Introductory Macroeconomics - (6 credits per week)

> **CO1.** This course will acquaint students with introductory ideas of Macroeconomic structure.

> **CO2.** It will also introduce some basic models of the structure of an economy like, Classical model and Keynesian model.

Sem-3

ECOG – GE-3- Issues in Economic Development and India- (6 credits per week)

> **CO1.** The students are supposed to gain an intensive exposure of the problems and development aspects through sectoral analysis of the Indian Economy.

Sem-4

ECOG – GE-4- Indian Economic Policies - (6 credits per week)

> ➤ **CO1.** This course will enable the students to learn about various macroeconomic policies and their impacts in the context of Indian economy across various sectors.

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