Program Outcome (PO) and Course Outcome (CO) under NCCF

Program Offered: B.Sc. (Hons./UG) in Economics.

Program Outcomes (PO): On completion of the program students will acquire knowledge and develop skills in the discipline of Economics.	
PO1:	Learn fundamental concepts, principles and theories in Economics and in various sub fields such International Trade, Public Finance, Development Economics, Political Economy etc.
PO2:	Learn the use of mathematics and statistics as a tool in Economics.
PO3:	Acquire an understanding about research methodology in Economics.
PO4:	Learn the application of computer software in handling economic data.
PO5:	Understand the working of the government and financial markets.
PO6:	Be employable, exhibit entrepreneurial drive and be a model of principled and ethically sound business professionals.

Programme Specific Outcome

PROGRAMME NAME	**B.Sc in ECONOMICS**
PSO	The Semester syllabus of Economics Honours is well oriented. In the 6th Semester the students have to prepare a project report based on primary survey data. So apart from theoretical knowledge they got their practical experience also. Mathematical papers in the syllabus are application based. The knowledge of Statistics and Econometrics are very useful for research work.

SEMESTER: I

COURSE OUTCOMES (CO)			
Sl No.	**Course Name**	**Course Code**	**Course Outcomes(CO)**
1.	Introduction to Economic Theory	BSCECOMJ101	**CO1:** To compare Economic and Non-Economic activities, microeconomics and macroeconomics, Economic issues and problems. To illustrate demand supply framework with determinants and shifts. **CO2:** To analyse different theories of demand. **CO3:** To examine neo classical theories of production and cost.
2.	Introduction to Economic Theory	BSCECOMN101	**CO1:** To compare Economic and Non-Economic activities, microeconomics and macroeconomics, Economic issues and problems. To illustrate demand supply framework with determinants and shifts. **CO2:** To analyse different theories of demand. **CO3:** To examine neo classical theories of production and cost.
3.	Basic Computer Applications	BSCECOSE101	**CO1:** To illustrate the basic knowledge regarding use of Excel for sorting and filtering data to prepare various chart. **CO2:** To examine how to carry out statistical analysis using Excel. **CO3:** To choose a Project based on techniques taught in this paper which will be helpful to them in further research.
4.	Money and Banking	BSCECOMDC111	**CO1:** To explain some basic ideas relating to the concept and types of money. **CO2:** To gain knowledge about the measures of the supply of money. **CO3:** To develop idea regarding concept, functions and reforms of the banking system of India.

SEMESTER: II

COURSE OUTCOMES (CO)			
Sl No.	**Course Name**	**Course Code**	**Course Outcomes(CO)**
1.	Development Economics and Indian Economy	BSCECOMJ201	**Group-A** **CO1:** To illustrate the concept of development, distinction between economic growth and economic development and also the contemporary concepts of sustainable development, inclusive development, human development etc. **CO2:** To identify the issues of underdevelopment and to acquire theoretical knowledge about the poor economic status of the developing countries.. **CO3:** To make use of development strategies needed for a labour surplus economy. **Group B** **CO1:** To explain the situations of the Indian economy in the post-independence regime. **CO2:** To make a survey of different policies, relating to agriculture, industry etc. undertaken after independence to build up a self-reliant economy. **CO3:** To inspect issues of poverty, unemployment in the Indian Economy.
2.	Development Economics and Indian Economy	BSCECOMJ201	**Group-A** **CO1:** To illustrate the concept of development, distinction between economic growth and economic development and also the contemporary concepts of sustainable development, inclusive development, human development etc. **CO2:** To identify the issues of

			underdevelopment and to acquire theoretical knowledge about the poor economic status of the developing countries.. **CO3:** To make use of development strategies needed for a labour surplus economy. **Group B** **CO1:** To explain the situations of the Indian economy in the post-independence regime. **CO2:** To make a survey of different policies, relating to agriculture, industry etc. undertaken after independence to build up a self-reliant economy. **CO3:** To inspect issues of poverty, unemployment in the Indian Economy.
3.	Data Analysis	BSCECOSE201	**CO1:** To elaborate the methods of presentation of data in textual, tabular and diagrammatic form. **CO2:** To identify the steps and problems associated with data processing and the analysis of various forms of data (quantitative, qualitative; cross section, time series). **CO3:** To interpret a Project based on techniques taught in this paper which will be helpful to them in further research.

SEMESTER: III

COURSE OUTCOMES (CO)			
Sl No.	**Course Name**	**Course Code**	**Course Outcomes(CO)**
1.	Microeconomics	BSCECOMJ301	**CO1:** Realize the operation of the markets, the distinction between real world market and the concept of market in economics. The ideas of perfect market, the nature and causes of market imperfection will help the students to judge the mechanisms of market economy and to take judicious decision. **CO2:** To understand, the decision-making process in different forms of market structure such as monopolistic

			competition, oligopoly and monopoly markets. **CO3:** To deal with the theoretical aspect and issues in the factor pricing theories. **CO4:** To understand the framework of General equilibrium and Pareto criteria of optimality.
2.	Indian Economic Problems	BSCECOMJ302	**CO1:** To understand about the history of planning process in India and the role of planning in the overall development of the economy and also the role of new institutions in furthering this progress. **CO2:** Understand regarding growth experience of the Indian economy amidst huge population pressure and the ways to move the economy in the growth trajectory. **CO3:** understand the issues of black economy and the policies needed to tackle this problem **CO4:** To be acquainted with the problems and policies with regard to public sector, tax structure in India, reforms in tax structure. **CO5:** To gain insights regarding India's foreign trade, the problems there off and the policies to be undertaken to mitigate trade deficit
3.	Financial Markets of India	BSCECOMN301	**CO1:** To understand the role of financial markets and financial institutions in the overall development of an economy **CO2:** To understand about the structure and functions of money markets and capital markets in India. **CO3:** To understand the workings of the banking system of the country and the key roles played by RBI in effective supervision and control of the monetary system in India.

SEMESTER: IV

COURSE OUTCOMES (CO)			
Sl No.	**Course Name**	**Course Code**	**Course Outcomes(CO)**
1.	Macroeconomics	BSCECOMJ401	**CO1:** Understand about the neoclassical interpretation of the Keynesian theory and also about the complete Keynesian model of income and Employment. **CO2:** To grasp knowledge of theories of consumption, investment and the importance of these theories in analysing aggregate behaviour. **CO3:** To understand theoretical aspects of demand for and supply of money. **CO4:** To understand the concepts of and impact of inflation in an economy
2.	Statistical Methods-I	BSCECOMJ402	**CO1:** To understand basic knowledge of data presentation, measures of central tendency, dispersion, skewness and kurtosis. **CO2:** To grasp knowledge of correlation, simple regression analysis and Index numbers. **CO3:** To develop skills in the field of economic analysis and reasoning.
3.	Contemporary Economic Issues	BSCECOMN401	**CO1:** To gain idea about key global Economic issues and challenges in the contemporary world. **CO2:** To develop ideas about various concepts hunger and food security **CO3:** To become aware about unemployment and poverty as challenges to economic development. **CO4:** To learn about the issues in public finance and international trade
4.	Computer Application in Economics	BSCECOSE401	**CO1:** To understand different types of data and their presentation using spreadsheet/Excel. **CO2:** To understand how to carry out statistical analysis using Excel. **CO3:** To do Project based on techniques taught in this paper which will be helpful to them in further research.

5.	Sustainable Development: Issues and Challenges	VAC-405	**CO1:** To gain idea about economic development and the importance of sustainability in development **CO2:** To acquire knowledge about Sustainable Development Goals **CO3:** To become aware about the rules and framework and challenges to sustainable development **CO4:** To learn about the strategies that exist for sustainable development

SEMESTER: V

COURSE OUTCOMES (CO)			
Sl No.	**Course Name**	**Course Code**	**Course Outcomes(CO)**
1.	Public finance	BSCHECOC501	**CO1:** To understand the problems of resource allocation in the presence of public goods and externalities. **CO2:** To get an insight regarding the issues of public debt and its implication on the economic system. **CO3:** To understand the centre-state financial relations and their implications in a federal structure.

2.	International Economics	BSCHECOC502	**CO1:** To develop a strong foundation in the principlesof international economics which will help them to know the trade policies at the nationaland international levels and the impact of the globalization on income, employment and distribution of income? **CO2:** To understand classical and modern theories of international trade. It familiarizes students on trade policies on the one hand and on the other hand introduces open economy macroeconomics dealing with exchange rate determination in presence of 'expectation' and different polices to maintain stability in the external front. **CO3:** To understand and analyse the real-world trade related issues.
3.	Classical Political Economy	BSCHECODSE501	**CO1:** To gain insight regarding the development of economic thoughts starting from English Classical School. **CO2:** To understand the stage theories of development of Rostow and Marx. **CO3:** To understand the workings of capitalist economy in Marxian view.

4.	Indian Economic History	BSCHECODSE502	**CO1:**To analyze key aspects of Indian economic development during the second half of British colonial rule. **CO2:** To investigate the situation of Indian economy with respect to agriculture, industry, infrastructural development during colonial regime.
5.	Money and Financial Market of India	BSCHECODSE503	**CO1:** To understand the role of financial markets and financial institutions in the overall development of an economy. **CO2:** To understand about the structure and functions of money markets and capital markets in India. **CO3:** To understand the workings of the banking system of the country and the key roles played by RBI in effective supervision and control of the monetary system in India.
6.	Environmental Economics	BSCHECODSE504	**CO1:** To understand the linkage between economy and the environment. **CO2:** To use economic techniques to analyze environmental problems and to assess environmental policies. **CO3:** To understand the issues of Climate change and policies of sustainable development.

SEMESTER: VI

COURSE OUTCOMES (CO)			
Sl No.	**Course Name**	**Course Code**	**Course Outcomes(CO)**
1.	Basic Econometrics	BSCHECOC601	**CO1:** To understand the concept of econometrics. **CO2:** To handle economic data that are not generated as the result of a controlled experiment. **CO3:** To form and solve a model based on economic theories and using the results for forecasting or prediction.
2.	Indian Economics-II	BSCHECOC602	**CO1:** To understand about the history of planning process in India and the role of planning in the overall development of the economy and also the role of new institutions in furthering this progress. **CO2:** To be acquainted with the problems and policies with regard to public sector, tax structure in India, reforms in tax structure. **CO3:** To gain insights regarding India's foreign trade, the problems there off and the policies to be undertaken to mitigate trade deficit.
3.	Economics of Growth	BSCHECODSE601	**CO1:** To gain knowledge regarding Keynesian model of economic growth such as HarrodDomar model and neoclassical growth model such as Solow model. Students will also learn basic endogenous growth theory (AK model). **CO2:** To understand the relevance of Trade as an engine of growth and development and the probable benefits and disadvantages of import substitution and export promotion policies.
4.	Agricultural Economics	BSCHECODSE602	**CO1:** To gain idea regarding Agricultural Economics. They also may be interested in agriculture, the backbone of Indian economy **CO2:** To develop ideas about various concepts like production, farm organization, agricultural marketing and finance, agricultural policy and so on. **CO3:** To learn about the vast unharnessed potentials in Indian agriculture
5.	Entrepreneurial Economics	BSCHECODSE603	**CO1:** To understand the role of the entrepreneur and their interaction with the wider economy. **CO2:** To gain knowledge about; the

			concepts and basic characteristics of entrepreneurship, role of entrepreneurship in economic development, rural entrepreneurship, project identification and selection, theories of entrepreneurship, sources of finance for new ventures and expansion strategies.
6.	Project on Socio Economic Aspects	BSCHECODSE604	**CO1:** This course is meant to encourage students to conduct theoretical or empirical survey on different socio-economic aspects and to give them some exposure to research works.

Durgapur Government College

Mapping/Co-relation Program Outcome(PO) & Course Outcome(CO)

Department :Economics Academic Session : 2024-25

CO details	PO details						
Sl. No.	Course Code	PO1	PO2	PO3	PO4	PO5	PO6
1.	BSCECOMJ101	✓	✓	✓	✓	✓	✓
2.	BSCECOMN101	✓	✓	✓	✓		✓
3.	BSCECOSE101	✓	✓		✓	✓	✓
4.	BSCECOMDC111	✓	✓		✓	✓	✓
5.	BSCECOMJ201	✓	✓	✓	✓	✓	✓
6.	BSCECOMJ201	✓		✓	✓	✓	✓
7.	BSCECOSE201		✓	✓	✓	✓	✓
8.	BSCECOMJ201	✓	✓	✓	✓	✓	✓
9.	BSCECOMJ301	✓	✓	✓	✓	✓	✓
10.	BSCECOMJ302	✓	✓	✓	✓	✓	✓
11.	BSCECOMN301	✓	✓	✓		✓	✓
12.	BSCECOMJ401		✓	✓	✓	✓	✓

13.	BSCECOMJ402		✓	✓	✓	✓	✓
14.	BSCECOMN401	✓	✓	✓	✓	✓	✓
15.	BSCECOSE401	✓	✓	✓	✓	✓	✓
16.	VAC-405	✓	✓	✓	✓	✓	✓
17.	BSCHECOC501	✓	✓	✓	✓	✓	✓
18.	BSCHECOC502		✓	✓	✓	✓	✓
19.	BSCHECODSE501	✓	✓	✓	✓	✓	✓
20.	BSCHECODSE502	✓	✓	✓	✓		✓
21.	BSCHECODSE503		✓	✓	✓	✓	✓
22.	BSCHECODSE504	✓	✓	✓	✓	✓	✓
23.	BSCHECOC601	✓	✓	✓	✓	✓	✓
24.	BSCHECOC602	✓	✓	✓	✓	✓	✓
25.	BSCHECODSE601	✓	✓	✓	✓	✓	✓
26.	BSCHECODSE602		✓	✓	✓	✓	✓
27.	BSCHECODSE603		✓	✓	✓	✓	✓
28.	BSCHECODSE604	✓	✓	✓	✓	✓	✓