LORETO COLLEGE TIME PLAN (March 2023 – July 2023)

Name of the teacher: RUPA GHOSH Initials: RG

Teaching Objective:

- To impart comprehensive knowledge about Macroeconomics and its application in the functioning of the economy.
- To guide students to understand basic concepts of macroeconomic variables and to interpret their role in various macroeconomic issues.
- To analyse and solve problems related to National Income Accounting with logical reasoning.
- To prepare students for higher education.

Topics	Hours	Topics	Teaching	Learning outcome	Assessment
1	Itours allotted Total:38 14	Topics(as per curriculum)Elective Course II (GE-II)Name of the Course:Introductory MacroeconomicsIntroductory MacroeconomicsIntroduction toMacroeconomics and NationalIncome AccountingBasic issues of macroeconomics;measurement of gross domesticproduct; distinction of grossdomestic product with grossnational product; net domesticproduct at marketprice and at factor cost-theconcept of national income.Measurement of national income.	<i>method</i> Lecture & Board work	<i>(output)</i> Understand the subject matter of Macroeconomics. Explain the role of macroeconomic variables like income, saving and investment and other variables in the generation of national income. Compute national income accounting problems independently. Analyse various methods of measuring national income.	
2	11	flow of income; the concept of value added and the value added method of measuring national income; real versus nominal GDP. Money Supply and Money Demand Supply of money; measures of money supply; high powered money, credit creation by commercial banks, tools of monetary policy.	Lecture Board work and presentations	Comprehend the meaning of demand and supply of money and their various components. Analyse the process of credit creation by commercial banks. Understand the role of	Internal Assessment, Internal

2nd Semester Topic-wise Time Plan- General

		Demand for money-demand for money in the classical system and in the Keynesian system-the liquidity preference schedule.		demand for money in Classical and Keynesian systems.				
3	13	Inflation Demand pull and cost push inflation; inflation and its social costs; hyperinflation; trade-off between inflation and unemployment –basic ideas of the Phillips Curve; anti- inflationary monetary policies	Lecture and presentations	Comprehend the meaning of inflation and its types. Analyse demand pull and cost push inflation. Relate inflation and unemployment. Explain the role of anti- inflationary policies in the functioning of the economy.	Assessment, Internal Examinations and University			
Tutorial	Tutorial contact hours: 15 [for revision, doubt clearing, solving problems]							

TIME PLAN (March – July 2023)

Name of the teacher: Dr. Suranjana Mitra Initials: SM

Teaching Objective:

- To help students understand the basic functioning of any economy
- To help students to gain insight about Simple Keynesian Model in a closed economy
- To help them to understand the Classical system
- To help them realise the importance of macroeconomic foundations

2nd Semester Topic-wise Time Plan (Honours) (Introductory Macroeconomics)

Topics	Hours allotted	Topics (as per curriculum)	Teaching method	Learning outcome (output)	Assessment
1 National Income Accounting	20	Basic concepts of National Income accounting, The circular flow, Concept of GNP, GDP, NNP and NNP at market price and factor cost, Value- added method and Expenditure method, Problems of double counting, Role of the government, Concept of corporate income, corporate saving, personal income, personal disposable income and personal saving, Saving- Investment gap and its relation with budget deficit and trade surplus, National Income Accounting and cost of living, Basic idea of India's national income	Lecture and discussion	Understand the concepts of National Accounting Income	Tutorial
2. Income Determinat ion in the Short-Run: The Simple Keynesian Model in a Closed Economy	18	Simple Keynesian Model without government. Keynesian Consumption function, Keynesian saving function, income determination in SKM, stability of equilibrium, concept of effective demand, concept of	Lecture and discussion	Realise the importance of SKM in the field of macroeconomics	Tutorial and assignment

4.19Walras' Law, Relation between of chrift, SKM in a closed economy with govern, government expenditure and tax, government expenditure and tax, government expenditure multiplier, balanced budget multiplier, budget surplus, effects of tax change and government expenditure on budget surplus, full- employment budget surplusUnderstand the classical to make a classical freework and Neutrality of money3. The Classical System18Say's Law and Quantity Theory Income and Employment determination, Full- employment and price flexibility, Classical Dichotomy and Neutrality of moneyLecture and discussionUnderstand the classical assignment assignment to make a comparative4.19Walras' Law, Relation between schedule, speculative demand schedule, speculative demand schedule, speculative demand schedule, speculative demand for money and liquidity treference schedule, speculative demand schedule, speculative demand schedule, speculative demand schedule, speculative demand schedule, speculative demand schedule, speculative demand productivity of capital and marginal efficiency of capital and marginal efficiency of capital and marginal efficiency of investment, Jorgenson'sGain knowledge albut the bond assignment about the bond preality reality						
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accelerator interaction						

LORETO COLLEGE TIME PLAN (March 2023- July 2023)

Name of the teacher: Mainak Bhattacharjee

Initials: MB

Teaching Objective:

- To introduce with the application of mathematics in theoretical formulation and contemplation of economic perspectives.
- To impart technical knowledge on how to deal with the quantitative aspects of economic theories.

Economics- II)						
Topics	Hours	Topics	Teaching	Learning	Assessment	
	allotted	(as per curriculum)	method	outcome		
				(output)		
1. Functions of several variables	14	Continuous and differentiable functions, concepts of total differentiation and partial derivatives, Hessian matrix, homogeneous and homothetic functions, Euler's Theorem, level curves and its applications	Lecture demonstration and Interaction	Understanding the concepts of calculus on multivariate functions, its various aspects and applications in Economics	Assignment, Tutorials	
2. Multi variable optimizati on	35	in Economics Optimization of nonlinear functions: Convex, concave, and quasi-concave functions; Unconstrained optimization. Constrained optimization with equality constraints- Lagrangian multiplier method; role of Hessian determinant. Inequality constraints and Kuhn-Tucker Conditions. Value function and Envelope theorem; Economic applications – consumer behaviour and theory of production. Optimization of linear function: Linear programming; concept of slack and surplus variables (graphical solution only). Concept of convex set. The Duality Theorem Economic Applications of Linear programming	Lecture demonstration and Interaction	Understanding the concepts of unconstrained optimization with several variables and constrained optimization with equality constraints; Linear programming problems and its various aspects and applications in Economics	Assignment, Tutorials	

2nd Semester Topic-wise Time Plan (CC4/ Mathematical Methods in Economics- II)

LORETO COLLEGE TIME PLAN (March 2023- July 2023)

Name of the teacher: Mainak Bhattacharjee

Initials: MB

Teaching Objective:

- To introduce with aggregative aspects of economic issues or in short Macroeconomics.
- To impart knowledge in the theoretical foundation of Macroeconomics and contractions among various alternatives schools of thought.

2nd Semester (General) Topic-wise Time Plan (GE2/ Introduction to Macroeconomics)

Topics	Hours allotted	Topics (as per curriculum)	Teaching method	Learning outcome (output)	Assessment
3.Simple Keynesian Model	14	Idea of Keynes's School of Thought, Simple Keynesian Model of income determination and corollaries: paradox of thrift, balanced- budget multiplier, inflationary & deflationary gap	Lecture demonstration and Interaction	Understanding the Keynesian theory of Macroeconomic and its implication for Laissez Faire Economy	Assignment, Tutorial
6. The External Sector	12	Basis of trade: concepts of absolute advantage and comparative advantage; arguments for free trade; arguments for protection • Balance of Payments-accounting and equilibrium; disequilibrium in balance of payments and devaluation-the role of the Marshall- Lerner condition	Lecture demonstration and Interaction	Understanding the theories of international trade	Assignment, Tutorial

LORETO COLLEGE TIME PLAN MARCH 2023- JULY 2023 2nd Semester Topic-wise Time Plan Paper: ECO-A-CC-4 Mathematical Methods in Economics-II

Name of the teacher: Nilavo Roy Initials: NR

Teaching Objective:

- To help students understand equilibrium analysis in dynamic framework.
- To help them discern the relevance of dynamic analysis in microeconomics and macroeconomics.

Topics	Hours allotted	Topics (as per curriculum)	Teaching method	Learning outcome (output)	Assessment
Unit 3	12 hours	Finite differences; Equations of first and second orders and their solutions; applications in economics—Cobweb model, Multiplier Accelerator Model	a)Interactive Lecture b)Demonstration c)Problem solving	Understanding the concepts of dynamic equilibrium analysis in discrete time framework.	Tutorials and Assignments
Unit 4	14 hours	Solution of differential equations of 1 st and 2 nd order linear differential equations; Economic applications—price dynamics in a single market, multi-market supply demand model with two independent markets; Qualitative graphic solution to 2×2 linear simultaneous non- linear differential system—phase diagram, fixed point and stability; Economic applications in microeconomics and macroeconomics.	a)Interactive Lecture b)Demonstration c)Problem solving	Understanding the concepts of dynamic equilibrium analysis in continuous time framework.	Tutorials and Assignments

LORETO COLLEGE TIME PLAN MARCH 2023 - JULY 2023

2nd Semester Topic-wise Time Plan PAPER: ECO-G-CC-2-2-TH-TU INTRODUCTORY MACROECONOMICS

Name of the teacher: Madhuparna Sarkar Initials: MS

Teaching Objective:

- To help students understand the background and features of the Classical system of Economics.
- To acquaint students with the classical theory of income and employment determination

Topics	Hours allotted	Topics (as per curriculum)	Teaching method	Learning outcome (output)	Assessment
Unit 3: The Classical System	11	1.1 Basic ideas of classical system-Say 's Law and Quantity Theory of Money- classical theory of income and employment determination	a) Interactive Lecture b) Demonstration c) Problem solving.	Understand the theories of the Classical system of Economics.	Tutorial and assignments.