TIME PLAN 2020-2021 (July 2020 – March 2021)

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

Teaching Objective:

- To help students to understand the importance of Keynesian economics
- To help students to gain insight about Complete Keynesian Model in a closed economy
- To help them to understand the difference between the Classical and Keynesian system
- To help them to gain insight about the components of money supply realise the importance of balance sheet and government's budgetary operations
- To help students to understand the link between inflation and unemployment and the role of expectations

3rd Semester Topic-wise Time Plan (Honours)
(Intermediate Macroeconomics I)

Topics	***Hours allotted***	***Topics (as per curriculum)***	***Teaching method***	***Learning outcome (output)***	***Assessment***
1 Income Determination in the short-run: IS-LM	14	Equilibrium, stability and comparative statics, crowding out, effects of fiscal and monetary policy	Lecture and discussion	Understand the concepts of IS-LM model	Tutorial and Assignment
2. Aggregate Demand and Aggregate Supply: The Complete Keynesian Model	14	Derivation of aggregate demand curve, derivation of aggregate supply curves both in the presence and absence of wage rigidity, equilibrium, stability and comparative statics-effects of fiscal and monetary policies, effects of wage-cut	Lecture and discussion	Understand the importance of CKM in the field of macroeconomics	Tutorial and Assignment
3. Keynes vs Classics	10	Keynesian vs Classical system, Hybrid models under Classical/Keynesian framework, Friedman's restatement of classical ideas	Lecture and discussion	Understand the hybrid models to make a comparative appraisal	Tutorial and Assignment
4. Money	17	Measure of money	Lecture and	Gain knowledge	Tutorial and

supply, Monetary Policy and Government Budgetary Operations		supply with special reference to India (M1, M2, M3 and M4), Balance sheet review of money supplied by the banking sector as a whole, High-powered money, Balance sheet of Reserve Bank of India and High powered money, Balance sheet of commercial banks and basic ideas of money multiplier theory, deposit multiplier, currency multiplier, reserve multiplier, credit multiplier, money multiplier in the context of theory of money supply, Interest sensitivity of money supply and the slope of LM curve, monetary policy, government budget deficit and deficit financing-Indian illustration	discussion	about the measures of money supply, balance sheet of the banking sector and government's budgetary operations and relate them to reality	Assignment
5. Inflation, Unemployment and expectations	20	Concept of inflationary gap, demand-pull inflation and cost-push inflation, Mark-up inflation, concept of stagflation, Central Bank's role in controlling inflation, Inflation and unemployment trade-off, Models of aggregate supply, Deriving the Phillips curve from aggregate supply curve, Role of adaptive expectations and rational expectations, disinflation, sacrifice ratio and policy ineffectiveness.	Lecture and discussion	Realise the importance of the relation between inflation and unemployment and the role of expectations.	Tutorial and Assignment

LORETO COLLEGE
TIME PLAN
2020-2021

Name of the teacher: RUPA GHOSH
Initials: RG

Teaching Objective:

- To impart comprehensive knowledge about basic statistics and its use in Economics.
- To guide students to analyse and solve problems independently with logical reasoning.
- To prepare students for studying higher mathematical science.

3rd Semester Topic-wise Time Plan- Honours

Topics	***Hours allotted***	***Topics (as per curriculum)***	***Teaching method***	***Learning outcome (output)***	***Assessment***
1	06	**Core Course 7**: **Statistical Methods for Economics:** Subject-matter - the distinction between population and sample; Representation of data- graphical (line diagram, bar diagram, pie chart) and tabular method**;** Frequency Distribution	Lecture, board work and presentation	To understand the subject matter of Statistics and the various basic tools of data handling and representation.	Continuous Internal Assessment, Internal Examinations and University Examinations.
2	13	**Descriptive Statistics** Measures of central tendency (arithmetic mean, geometric mean, harmonic mean, median and mode, and their properties, Quartiles, Deciles and Percentiles);Dispersion (range, quartile deviation, mean deviation, standard deviation, coefficient of variation, coefficient of mean deviation, coefficient of quartile deviation, Lorenz curve and Gini coefficient);Moments, Skewness and Kurtosis (definition, computation); Correlation and Regression (definition, computation, properties)	Lecture, board work and presentation	To gain knowledge about the content of descriptive statistics and its uses in Economic applications.	Continuous Internal Assessment, Internal Examinations and University Examinations.

3	10	**Elementary Probability Theory** Sample spaces and events (concepts and definitions using set theory); Axiomatic definition of probability and properties, theorem of total probability; Conditional probability, theorem of compound probability; Bayes 'theorem and its applications.	Lecture and board work	To understand the basics of probability theory and to be able to compute sums on probability	Continuous Internal Assessment, Internal Examinations and University Examinations.
4	18	**Probability Distributions** Random variable (discrete and continuous)*;* Probability distributions (pmf, pdf. Distribution functions); Expected values of random variables (mean, variance, raw moment, central moment, moment generating functions)*;* Properties of commonly used discrete and continuous distributions: Binomial - (derivation of pmf, mean, variance, moments, moment generating functions, problems) Poisson - (derivation of pmf, mean, variance, moments, moment generating functions, problems) Normal - (derivation of pdf, mean, variance, moments, moment generating functions, problems)*;*Joint distribution functions of random variables (discrete and continuous) - joint pdf (pmf), marginal pdf (pmf)., conditional pdf (pmf)	Lecture and board work	To understand probability distributions and to be able to compute sums on probability distributions	Continuous Internal Assessment, Internal Examinations and University Examinations.
5	14	**Sampling** Principal steps in a sample survey (concepts of population, sample, parameter, statistic); Methods of sampling-SRSWR, SRSWOR (use of random sampling numbers) Stratified sampling (basic concepts only) Multi-staged sampling (basic concepts only) Sampling	Lecture, board work and presentation	To comprehend basic theories of sampling and various techniques of sampling with examples. To understand and analyse various sampling	Continuous Internal Assessment, Internal Examinations and University Examinations.

		distribution of sample mean and sample proportion; Mean and standard error both in SRSWR and SRSWOR , Standard normal, chi-square, Student 's t and F distributions – definitions, important properties (mean and variance)		distributions and their properties.	
6	14	**Statistical inference** Point Estimation-Properties of a good estimator; Basic principles of Ordinary Least Square, Maximum Likelihood Method Method of Moments; Interval estimation.Testing of hypothesis (basic concepts of null hypothesis, alternative hypothesis, type I and Type II errors, power of a test, p-value)	Lecture and board work	To gain knowledge about statistical inference and its uses.	Continuous Internal Assessment, Internal Examinations and University Examinations.
Tutorial contact hours: 15 [for revision, doubt clearing, solving problems]					

LORETO COLLEGE

TIME PLAN (July 2020 - Dec 2020)

Name of the teacher: Mainak Bhattacharjee
Initials: MB

Teaching Objective:

- To Introduce with the key concepts of statistical enumeration, both descriptive and inferential aspects
- To impart theoretical concepts relating methodological techniques of data collection, processing, representation and interpretation using applications using software, like, Microsoft Excel and STATA.
- To impart knowledge on some key broad-spectrum statistical surveys conducted in India, like Census and Sample Survey on population, demography, household consumption expenditure and the like.
- To impart acquaintance with different databases on Indian Economy.

3rd Semester Topic-wise Time Plan (SEC -A(1)/ Data Analysis)

Topics	***Hours allotted***	***Topics (as per curriculum)***	***Teaching method***	***Learning outcome (output)***	***Assessment***
1.Collection and Representation of Data	12	Collection and Representation of Data, Census and Sample Survey, Basic Data Processing using MS Excel and STATA.	Lecture Demonstration and Interaction	Assimilation of theoretical knowledge in data mining along with some basic skills necessary for its practical application using standard software package	Assignments, Tutorial
2. Indian Official Statistics	18	Indian Official Statistics: CSO (National Accounts Statistics), NSSO (Household Consumption Expenditure & Employment and Unemployment Survey) , RBI's Handbook of Statistics	Lecture Demonstration and Interaction	Gathering hands-on knowledge in methodological and other analytics aspects of the major statistical survey on key elements of	Assignments, Tutorial

		on Indian Economy		Indian Economy	

LORETO COLLEGE

TIME PLAN (July 2020 - Dec 2020)

Name of the teacher: Mainak Bhattacharjee
Initials: MB

Teaching Objective:

- To impart analytical insights into the core political economy aspects of economic development in alternative theoretical contexts with empirical connotations
- To introduce the role of international institution in fostering a balanced dispensation of economic development across the globe.

3rd Year Topic-wise Time Plan (GE-3/ Issues in Development Economics and India)

Topics	***Hours allotted***	***Topics (as per curriculum)***	***Teaching method***	***Learning outcome (output)***	***Assessment***
1. Development of Dual Economy and Development Strategies	**15**	Concept of Economic Dualism, Its types: Social, Geographical and Technological Dualism, Concepts of Labour Surplus, Lewis's Model on Economic Development with Unlimited Supply of labour, Developments Strategies: Balanced and Unbalanced Growth Doctrine	Lecture Demonstration and Interaction	1. Gathering knowledge about the core theories on economic underdevelopment, much in the light of the fundamental political economy perspectives. 2. Understanding the structural constraints upon sustainable economic growth and developing critical insight into comprehensive growth strategy vis-à-vis targeted growth strategy as way out of 'low-level equilibrium' trap	Assignments, Tutorial
2. International Organisations	**15**	International Organisations:	Lecture Demonstration	Understanding the role of international	Assignments, Tutorial

and Economic Development		WTO (with GATT as its predecessor), World Bank (IBRD), International Monetary Fund (IMF) (with Bretton Woods System as its precursor)	and Interaction	cooperation in monetary and trade issues along with the alleviation of development gap among the countries.	

LORETO COLLEGE
TIME PLAN JULY 2020-MARCH 2021

3rd Semester Topic-wise Time Plan
Paper: ECO-A-CC-8
Intermediate Microeconomics-I

Name of the teacher: Nilavo Roy
Initials: NR

Teaching Objective:

- To divulge the various dimensions of modern consumer theory and its applications
- To elucidate the theory of firms and their operation in perfectly competitive environment
- To expound the structure of the input market and aspects of distribution theory

Topics	***Hours allotted***	***Topics (as per curriculum)***	***Teaching method***	***Learning outcome (output)***	***Assessment***
Unit 1	17 hours	a)Intertemporal Choice Theory; b) Revealed Preference; c)Choice under uncertainty; d)Index Numbers	a)Interactive Lecture b)Demonstration c)Problem solving	a)Introduction to multifarious applications of consumer behaviour b)Ability to compare the risk behaviour of consumers	Tutorials and Assignments
Unit 2	20 hours	a)Production Theory in short and long run; b)Variants of technology; c)Types of costs and related issues.	a)Interactive Lecture b)Demonstration c)Problem solving	a)Knowledge of entrepreneur's optimization exercise b) Understanding the relationship between various cost measures	Tutorials and Assignments
Unit 3	20 hours	a)Profit maximization under perfect competition; b)Competitive equilibrium; c)Economic rent	a)Interactive Lecture b)Demonstration c)Problem solving	a)Introduction to profit maximization in competitive environment; b) Understanding the essence of long run and short run competitive equilibrium	Tutorials and Assignments
Unit 4	18 hours	a)Marginal productivity theory of distribution; b)Labour market analysis; c) Land market and rent	a)Interactive Lecture b)Demonstration c)Problem solving	a)Acquaintance with the theory of distribution b)Ability to decipher the supply-demand framework in labour and land market	Tutorials and Assignments

LORETO COLLEGE
TIME PLAN JULY 2020-MARCH 2021

3rd Semester Topic-wise Time Plan
Paper: ECO-GE-3
Issues in Economic Development and India

Name of the teacher: Nilavo Roy
Initials: NR

Teaching Objective:

- To describe the salient aspects of economic progress from different perspectives
- To explicate the pattern and causes of growth and disparity among nations
- To introduce the vicissitudes of Indian economy in light of different policy regimes

Topics	***Hours allotted***	***Topics (as per curriculum)***	***Teaching method***	***Learning outcome (output)***	***Assessment***
Unit 1	25 hours	a)Growth vs Development; b)Human Development; c) Features of Underdevelopment; d) Development of Indian Economy under different policy regimes	a)Interactive Lecture b)Demonstration c)Problem solving	a)Introduction to the diverse themes of development economics b)Ability to appreciate the different policy approaches in India	Tutorials and Assignments
Unit 2	20 hours	a)Poverty and inequality—concepts and measures; b) Trends and policy approaches to poverty and inequality in India.	a)Interactive Lecture b)Demonstration c)Problem solving	a)Knowledge of measuring poverty and inequality b) Understanding the relationship between poverty and inequality.	Tutorials and Assignments