



গড়গাঁও মহাবিদ্যালয় GARGAON COLLEGE

TEACHING PLAN
DEPARTMENT OF ECONOMICS
JULY 2021 - JUNE 2022

GARGAON COLLEGE

TEACHING PLAN

Course: B. A.

Session: Odd semester (July to December, 2021)

Subject: ECONOMICS

Name of the Teacher: DR. RIMJIM BORAH

Methods to be applied: Lecture, analytical and activity method, interaction and discussion.

Teaching Materials: Green Board, Chalk Pencil, Duster, Book, Journal, Newspaper, Magazine, Periodicals, Laptop, Projector.

Paper Title	Code/ Unit/ Topic	No. of Class required	Detail of the topics to be taught & class required	No. of tutorials
Mathematical Methods for Economics – I ECNHC102	i. Derivative of one real variable	15	<ul style="list-style-type: none">• Differentiable functions: Properties [1]• Derivative and slope of a curve [1]• Geometric Interpretation of derivative [1]• Rules of differentiation for a function with one independent variable [3]• Economic Application of derivatives[3]• Elasticity of demand [1]• Cost and revenue functions[1]• Relation between Average and Marginal costs[2]• Second and higher order derivatives and application in Economics[2]	3
	ii. Integration of Functions	15	<ul style="list-style-type: none">• Indefinite Integrals: Rules of Integration [2]• Techniques of Integration-Substitution rule [2]• Integration by parts and partial fraction [2]• Application to economic problems [3]• Derivation of total functions from marginal functions[2]• Definite Integrals[2]• Properties of definite integrals• Application in case of consumer's surplus and producers surplus [2]	3

Statistical Methods for Economics ECNHC303	i. Descriptive Statistics	15	<ul style="list-style-type: none"> • Measures of Central Tendency: Arithmetic Mean, [2] • Median[2] • Mode[1] • Geometric Mean And Harmonic Mean[2] • Measures of Dispersion: Range • Quartile Deviation[1] • Mean Deviation[1] • Standard Deviation[2] • Measures of Skewness [2] • Kurtosis[1] • The Concepts of Moments[1] 	3
	ii. Sampling	15	<ul style="list-style-type: none"> • Distinguish between sampling and census [1] • Principal Steps in a sample survey[1] • Errors in Statistics: Sampling vs. Non-Sampling errors[2] • Methods of Sampling [3] • Testing of hypothesis: Chi Square[4] • 't' test[4] 	
Public Economics (ECNHDSE506)	i. Public Goods	15	<ul style="list-style-type: none"> • Meaning and characteristics [3] • Pure and Impure good [2] • Public Goods [2] • The free Rider Problem [2] • Efficient allocation of Public Goods[2] • The Lindahl Equilibrium[2] • Samuelson's Theory of Public Expenditure[2] 	3
	ii. Externalities:	15	<ul style="list-style-type: none"> • Meaning and type of Externalities [2] • Market failure and externalities [4] • Internalisation of Externalities [3] • Corrective taxes and subsidies[2] • Assignment of property rights-The Coase Theorem [4] 	4
Introductory Microeconomics (ECNGE1)	Input Markets	15	<ul style="list-style-type: none"> • Behaviour of profit maximizing firms and the production process[4] • Short run cost and output decisions-Basic concepts, relationships [2] • Output decisions: revenue, cost and profit maximisation[2] 	3

			<ul style="list-style-type: none"> • Costs and output in the long run-short – short run conditions and long run directions[2] • Long run costs[2] • Economies and diseconomies of scale[2] • Long run adjustments to short run conditions[1] 	
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GARGAON COLLEGE

TEACHING PLAN

Course: B. A.

Session: Even semester (January to June, 2022)

Subject: ECONOMICS

Name of the Teacher: DR. RIMJIM BORAH

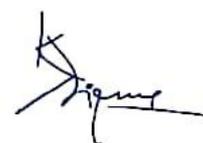
Methods to be applied: Lecture, analytical and activity method, interaction and discussion.

Teaching Materials: Green Board, Chalk Pencil, Duster, Book, Journal, Newspaper, Magazine, Periodicals, Laptop, Projector.

Paper Code/Title	Allotted Unit/ Topic	No. of Class required	Detail of the topics to be taught & class required	No. of tutorials
Mathematical Methods for Economics – IIECNHC202	Linear Algebra	15	<ul style="list-style-type: none"> • Systems of linear equations: properties of their solution [2] • Matrices-elementary operations- matrix addition [2] • Product [2] • Rank of a matrix [2] • Determinants and their properties[2] • Inverse of a matrix[2] • Application of Cramer's rule for solution of a system of linear equations[3] 	2
	Derivations of functions of several Variable	5	<ul style="list-style-type: none"> • Cobb-Douglas Production function and its properties [3] • CES function and its properties [2] 	3
Essentials of Microeconomics ECNHC301	Cost functions	15	<ul style="list-style-type: none"> • Definitions and types of cost[2] • Cost functions and its properties[2] • Shift in cost curves[2] • Costs in the short and long run[2] 	

			<ul style="list-style-type: none"> • Long run vs short run cost curves[2] • The relationship between long run and short run cost curves[2] • Impact of Economies and diseconomies of scale [2] • Production with two outputs –Economics of Scope[1] 	
Introductory EconometricsE CNHC403	Multicollinearity:	10	<ul style="list-style-type: none"> • Nature of the problem [1] • Perfect Multicollinearity vs Imperfect Multicollinearity [3] • Its consequence[3] • Detection and remedies of Multicollinearity[3] 	5
Environmental EconomicsEC NHDSE602	Introduction	15	<ul style="list-style-type: none"> • Basic concepts: Ecology[1] • Environment and Economy[2] • What is environmental economics; [1] • Definition and evolution of the subject, [1] • Environmental economics and Resource Economics; [1] • The economy and the environment; [1] • Inter-linkages: Environment and development trade off; [2] • Environmental Kuznet curve. [1] • Review of microeconomics and welfare economics [1] • Pareto optimality[1] • Public good and private good[1] • Common property resources[1] • Private and social cost[1] • Public good and bad[1] 	3
	The theory of externality	15	<ul style="list-style-type: none"> • Externality: Meaning and types[4] • Pareto Optimality and market failure in the presence of externalities [4] • Solution to market failure; [3] • Property rights and Coase theorem [4] 	3
	The design and implementation of Environmental	15	<ul style="list-style-type: none"> • Environmental Policies: Overview [2] 	3

	Policy and Sustainable development:		<ul style="list-style-type: none"> • Economic instruments of environmental policies-[4] Pigouvian Taxes; Effluent fees; Tradable permits; Liability rules; • Sustainable development; [1] • Notions of Sustainability; [1] • Strong and Weak Sustainability; [2] • Measurement and Indicators of sustainability; [3] • The Pearce Atkinson Indicator [1] 	
	International Environmental Problems	15	<ul style="list-style-type: none"> • Trans-boundary environmental problems as problems of international externalities [3] • Global Warming [2] • Ozone Layer depletion[2] • Economics of climate change[2] • trade and environment[3] • Pollution Heaven Hypothesis[2] • Global interventions for sustainable development[1] 	3
	Measuring the benefits Environmental Improvements	15	<ul style="list-style-type: none"> • Non-market values[3] • Types and definitions of non-market values[3] • Measurement of valuation methods [3] • Contingent valuation and travel cost methods[3] • Their comparative advantages and disadvantages [3] 	



Head, Department of Economics

Gargaon College

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Name of the Teacher: NILUTPAL CHUTIA

Methods to be applied: Lecture, analytical and activity method, interaction and discussion.

Teaching Materials: Green Board, Chalk Pencil, Duster, Book, Journal, Newspaper, Magazine, Periodicals, Laptop, Projector.

Paper Code/Title	Allotted Unit/ Topic	No. of Class required	Detail of the topics to be taught & class required	No. of tutorials
Mathematical Methods for Economics – I ECNHC102	i. Preliminaries Logic and proof techniques	15	<ul style="list-style-type: none">• Logic and proof techniques [3]• Number systems, intervals [2]• Sets: types and set operations [5]• Ordered pairs, Cartesian products, and relations [5]	3
	ii. Functions of one real variable	15	<ul style="list-style-type: none">• Functions and their properties and graphs; [3]• Types of functions polynomial, rational, exponential, logarithmic; [3]• Sequences and series: convergence, algebraic properties and applications; [3]• Limit of a function; [3]• Continuous functions: characterizations, properties with respect to various operations and applications [3]	3
	ii. Differential Equations	15	<ul style="list-style-type: none">• Linear first order differential equation with constant coefficient and constant term [6]• Economic applications [9]	3
Statistical Methods for Economics ECNHC303	i. Elementary Probability Theory	15	<ul style="list-style-type: none">• Probability: Concepts of Sample Space and Events, [2]• Probability of an Event, Addition and Multiplication Theorems; [4]• Conditional Probability and Independence of Events; [4]• Inverse Probability; Bayes' Rule (concepts only); [2]• Mathematical Expectation [3]	3

	ii. Random Variables and Probability Distributions	15	<ul style="list-style-type: none"> • Concept of a Random Variable [1] • Discrete and Continuous Random Variable [1] • Probability Mass Function, Probability Density Function [1] • Mathematical Expectation and Its Properties [2] • Theoretical Distributions: Binomial distribution- its properties [4] • Poisson distribution-its properties, Poisson distribution as a limiting case of binomial distribution [3] • Normal distribution-its properties [3] 	
	iii. Correlation and Regression Analysis	15	<ul style="list-style-type: none"> • Elementary analysis of linear correlation: Covariance, Scatter Diagram [2] • Karl Pearson's coefficient of correlation—Properties and the Method of Calculation [3] • Concept of Spearman's Rank Correlation [2] • The Concept of Regression, Regression Lines and their Estimation in a Bivariate series [4] • Least Squares Method, [2] • The coefficient of determination (R^2) and Standard Error of Estimate [2] 	3
Money and Financial Markets (ECNHDSE50 5)	i. Money	15	<ul style="list-style-type: none"> • Concept, functions, measurement [3] • Theories of money supply determination[5] • RBI approach to money supply [2] • High powered money and money multiplier [5] 	3
	ii. Financial Institutions, Markets, Instruments and Financial Innovations:	20	<ul style="list-style-type: none"> • Role of financial markets and institutions [1] • Structure of money market and capital market—Call money market [4] • Treasury bill market, Commercial bill market including commercial paper and certificate of deposits [2] • Government securities market, Primary and secondary market for securities [3] 	4

			<ul style="list-style-type: none"> • Financial sector Reforms in India [1] • Role of Financial Derivatives [2] • Financial Institutions: Types; Banking and Non-Banking Financial Institutions. [2] 	
	iii. Stock Market	10	<ul style="list-style-type: none"> • Stock Market and its Operations; Stock Market Index, [3] • Methodologies for Calculating Stock Market Index, [3] • Stock Market indices in India, BSE Sensex, NSE Nifty. [4] 	2
	iv. Interest Rates	10	<ul style="list-style-type: none"> • Interest Rates Determination; [3] • Sources of interest rate differentials [2] • Theories of term structure of interest rates; [3] • Interest rates in India. [2] 	3
	v. Banking System: commercial banks and Central Banking and Monetary Policy:	15	<ul style="list-style-type: none"> • Meaning and types; Functions of commercial banks; [2] • The process of credit creation and its limitations; [2] • Balance sheet and portfolio management, [1] • Banking sector reforms Central Banking and Monetary Policy [3] • Function of the Central Bank [2] • Monetary policy: objectives, indicators and instruments of monetary control. [3] • Monetary management in an open economy, current monetary policy of India [2] 	3
Introductory Microeconomics (ECNGE1)	Input Markets	15	<ul style="list-style-type: none"> • Labour and land markets - basic concepts (derived demand, productivity of an input [5] • Marginal productivity of labour, marginal revenue product); demand for labour; [5] • Input demand curves; shifts in input demand curves; [3] • Competitive labour markets; and labour markets and public policy [2] 	3

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Paper Code/Title	Allotted Unit/ Topic	No. of Class required	Detail of the topics to be taught & class required	No. of tutorials
Mathematical Methods for Economics – II ECNHC202	Difference equation	10	<ul style="list-style-type: none"> • First order Difference equation [5] • Economic Applications [5] 	2
	Unconstrained optimization	15	<ul style="list-style-type: none"> • Unconstrained optimization with one variable and Economic Applications [5] • Unconstrained optimization with more than one variable [5] • Economic Applications- Discriminating Monopoly, multiproduct monopoly.[5] 	3
	Constrained optimization with equality constraints:	15	<ul style="list-style-type: none"> • Lagrange characterization using calculus [5] • Applications: consumer's equilibrium [5] • Producer's equilibrium [5] 	3
Introductory Econometrics ECNHC403	Nature and Scope of Econometrics and Basic Statistical Prerequisites Nature and Scope of Econometrics:	15	<ul style="list-style-type: none"> • What is Econometrics?; Economic and Econometric Models; [1] • The Aims and Methodology of Econometrics. [1] • Statistical Concepts: Population vs Sample; Statistic and parameters; [1] • Estimate and estimators; estimation of parameters – point estimation vs interval estimation; [2] • Properties of estimators. [1] • Probability Distributions: The Normal distribution; [3] • Chi-squared, t- and 	5

			<p>Fdistributions. [1]</p> <ul style="list-style-type: none"> • Testing of hypotheses: defining statistical hypotheses [1] • Distributions of test statistics; testing hypotheses related to population parameters [2] • Type I and Type II errors; power of a test; [1] • Tests for comparing parameters from two samples. [2] 	
	Simple Linear Regression Model:	25	<ul style="list-style-type: none"> • Two variable case; Regression vs Correlation; Linearity vs Non-linearity; [1] • Stochastic specification: The significance of the error term [1] • Estimation: The Principle of ordinary least squares [4] • Assumptions under CLRM; [2] • BLUE Properties of estimators: The Gauss Markov theorem; [4] • Goodness of fit – R-squared and R-bar squared; Tests of hypotheses; Scaling and units of measurement; confidence intervals; Forecasting. [4] • k variable linear regression model: [4] • Estimation of parameters; [2] • Qualitative (dummy) independent variables – Dummy variable trap [5] 	5
	Specification Analysis	10	<ul style="list-style-type: none"> • Omission of relevant variables; [3] • Inclusion of irrelevant variables; [2] • Tests of specification errors; [3] • Errors in variables. [2] 	2
International Economics ECNHDSE603	International Economics and Trade Theories	15	<ul style="list-style-type: none"> • The subject matter of international economics; [1] • Adam Smith's absolute advantage theory, [2] • Ricardian law of comparative advantage; [2] • Reciprocal demand and Offer curve analysis; [2] • Heckscher-Ohlin theorem; [4] • The Specific factors model. [4] 	3

Trade Policy	15	<ul style="list-style-type: none"> • Free trade Vs. protective trade; Political economy of protectionism; [5] • Methods of protection - Tariff and non-tariff barriers; [5] • Inward looking trade policy and outward looking trade policy and their evaluation. [5] 	3
Exchange Rate:	15	<ul style="list-style-type: none"> • Concept of exchange rate, cross exchange rate, spot and forward exchange rates; • Demand for and Supply of foreign exchange, • Determination of equilibrium Exchange Rate; • Fixed and flexible exchange rate systems – Case for and against fixed and flexible exchange rate systems 	3
International Monetary System	15	<ul style="list-style-type: none"> • Gold Standard, Inter-war period, Bretton Woods System, • Managed floating standard; International Institutions: • International Monetary Fund (IMF) - Objectives, functions, achievements and failures; • WTO – Objectives, major agreements; • Globalization – Meaning and essential conditions for globalization; • Challenges of globalization, Financial globalization and financial crises 	3



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Teaching Materials: Green & White Board, Chalk Pencil, Marker, Duster, Books, Journal, Newspaper, Magazine, Periodicals, Laptop, Projector.

PaperTitle (Code): Introductory Microeconomics (ECNHC101)	
Allotted Unit No	2
Unit Name	Supply and Demand: How Markets Work, Markets and Welfare
No. of Class required	15
Detail of the topics to be taught (classes required)	Markets and competition (1) Determinants of individual demand/supply (1) Demand/supply schedule and demand/supply curve (2) Market versus individual demand/supply (1) Shifts in the demand/supply curve, demand and supply together (2) How prices allocate resources (1) Elasticity and its application (3) Controls on prices (1) Taxes and the costs of taxation (1) consumer surplus and producer surplus (1) and The efficiency of the markets (1)
No. of tutorials	3
PaperTitle (Code): Essentials of Microeconomics (ECNHC301)	
Allotted Unit No	1
Unit Name	Consumer Theory I
No. of Class required	15
Detail of the topics to be taught (classes required)	Preferences and Utility: Axioms of Rational Choice (1) Utility, Trades and Substitutions (1) Indifference Curves (2)

	Utility Functions for Specific Preferences (2) The Many-Good case (1) Utility Maximization and Choice: The Two-Good Case (Graphical Analysis) (2) The n-Good Case (2) Indirect Utility Function, (1) The Lump Sum Principle (1) Expenditure Minimization, Properties of Expenditure Function (2)
No. of tutorials	3
Allotted Unit No	2
Unit Name	Consumer Theory II
No. of Class required	15
Detail of the topics to be taught (classes required)	Income and Substitution Effects of Price Change (2) under: Normal (1) Inferior (1) and Giffen goods(1) under Hicksian method Income and Substitution Effects of Price Change under Slutsky's method (2) Slutsky's equation (1) Compensated demand curves (1) Ordinary demand curves (1) Buying and sellings (1) Choice under risk and inter-temporal choice (1) Revealed preference theory (3)
No. of tutorials	3
PaperTitle (Code): Essentials of Macroeconomics (ECNHC302)	
Allotted Unit No	3
Unit Name	Inflation and Unemployment
No. of Class required	15
Detail of the topics to be taught (classes required)	Stagflation (2) Causes and Policies to cure Stagflation (2) Phillips curve (3) Inflation and expectations – adaptive and rational expectations (3) Adaptive expectations (2) Rational expectations (2) Policy ineffectiveness debate (1)
No. of tutorials	3
Allotted Unit No	5
Unit Name	Macroeconomics of an Open Economy -II

No. of Class required	15
Detail of the topics to be taught (classes required)	<p>Concepts and components of balance of trade and balance of payments (3)</p> <p>Balance of payments– the current and capital account (2)</p> <p>Basic accounting rule (2)</p> <p>Equilibrium or disequilibrium of balance of payments (3)</p> <p>Factors causing balance of payments disequilibrium (1)</p> <p>Adjustment of balance of payments – the monetary approach to balance of payments (2)</p> <p>International financial markets (2)</p>
No. of tutorials	3
PaperTitle (Code): Development Economics - I (ECNHC502)	
Allotted Unit No	1
Unit Name	Concepts of Development
No. of Class required	15
Detail of the topics to be taught (classes required)	<p>Evolution of Development Economics (2)</p> <p>Economic growth and development (2)</p> <p>Characteristics of underdeveloped economies (2)</p> <p>Measures of development- GNP (1), PQLI (2), HDI (3), GDI (2), GEM (1)</p>
No. of tutorials	3
Allotted Unit No	2
Unit Name	Strategies of Developmen
No. of Class required	15
Detail of the topics to be taught (classes required)	<p>Stages of Economic growth- Rostow (4)</p> <p>Low level equilibrium trap (2)</p> <p>The critical minimum effort hypothesis (2)</p> <p>Big push growth (2)</p> <p>Balanced growth (1)</p> <p>Unbalanced growth (1)</p> <p>Balanced growth vs. Unbalanced growth (1)</p> <p>Choice of Technique (2)</p>
No. of tutorials	3
Allotted Unit No	3
Unit Name	Growth Models
No. of Class required	15

Detail of the topics to be taught (classes required)	Classical growth model (2) Harrod-Domar model (3) Kaldor's Model (2) Solow model and its variants (3) Meade Model (2) Endogenous growth model- Romer's Version (3)
No. of tutorials	3
Allotted Unit No	4
Unit Name	Poverty and Inequality
No. of Class required	15
Detail of the topics to be taught (classes required)	Concept of poverty (1) Measures of poverty - Head count ratio (1), Sen's Index (1), HPI (1), MPI (2). Inequality measures- Gini Coefficient (2) and Lorenz Curve (2) Connections between inequality and development (2) Mechanisms that generate poverty traps and (2) Path dependence of growth processes (1)
No. of tutorials	3
Allotted Unit No	5
Unit Name	Political Institutions and the Functioning of the State
No. of Class required	15
Detail of the topics to be taught (classes required)	Alternative institutional trajectories and their relationship with economic performance (4) Relationship between democracy and economic development (3) Within-country differences in the functioning of state institutions (3) State ownership and regulation (2) Government failures and Corruption (3)
No. of tutorials	3
PaperTitle (Code): Introductory Microeconomics (ECNGE1)	
Allotted Unit No	2
Unit Name	Supply and Demand: How Markets Work, Markets and Welfare
No. of Class required	15

Detail of the topics to be taught (classes required)	<p>Markets and competition (1)</p> <p>Determinants of individual demand/supply (1)</p> <p>Demand/supply schedule and demand/supply curve (2)</p> <p>Market versus individual demand/supply (1)</p> <p>Shifts in the demand/supply curve, demand and supply together (2)</p> <p>How prices allocate resources (1)</p> <p>Elasticity and its application (3)</p> <p>Controls on prices (1)</p> <p>Taxes and the costs of taxation (1)</p> <p>consumer surplus and producer surplus (1) and</p> <p>The efficiency of the markets (1)</p>
No. of tutorials	3
PaperTitle (Code): Indian Economy I (ECNGE3.1)	
Allotted Unit No	3
Unit Name	Growth and Distribution
No. of Class required	20
Detail of the topics to be taught (classes required)	<p>Poverty- Concept (1) and Incidence of Poverty in India (1)</p> <p>Poverty estimates (2)</p> <p>Growth and Poverty (1)</p> <p>Strategy of Poverty Alleviation (2)</p> <p>Inequality- Income inequality in India: Magnitude and Nature (3)</p> <p>Growth and Inequality (1)</p> <p>Causes of income inequality (1)</p> <p>Government policies and measures(1)</p> <p>Unemployment- Nature and types of unemployment in India (2)</p> <p>Magnitude (1)</p> <p>Changing dimensions of unemployment and employment (1)</p> <p>Causes of unemployment (1)</p> <p>Government policies and measures (2)</p>
No. of tutorials	4

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PaperTitle (Code): Introductory Macroeconomics (ECNHC201)	
Allotted Unit No	3
Unit Name	Demand for and Supply of Money
No. of Class required	15
Detail of the topics to be taught (classes required)	Definition and Functions of money (1) Quantity theory of money –cash transactions and cash balance approaches (4) Friedman’s restatement of the quantity theory (1) Demand for Money – Classical, Neoclassical and Keynesian Approaches (3) The Keynesian Liquidity Trap and its Implications (2) Determination of money supply (1) Credit creation (2) Supply of Money(1)
No. of tutorials	3
Allotted Unit No	4
Unit Name	Inflation
No. of Class required	15
Detail of the topics to be taught (classes required)	Inflation – meaning, types, causes and effects; demand-pull and cost-push inflation; Inflationary gap; Deflation – meaning, effects; Inflation Vs. deflation; Hyperinflation– causes of hyperinflation, costs of hyperinflation;

	Anti-Inflationary Measures - Monetary policy 15 3 16 and Fiscal policy. Cyclical Fluctuations: Trade cycle, Meaning and its Stages
No. of tutorials	3
PaperTitle (Code): Mathematical Methods for Economics - I (ECNHC202)	
Allotted Unit No	4
Unit Name	Unconstrained optimization
No. of Class required	15
Detail of the topics to be taught (classes required)	Unconstrained optimization with one variable and Economic Applications (5) Unconstrained optimization with more than one variable and Economic (5) Applications- Discriminating Monopoly (3) Multiproduct monopoly (2)
No. of tutorials	3
PaperTitle (Code): Advanced Microeconomics (ECNHC401)	
Allotted Unit No	4
Unit Name	Game theory and Competitive Strategy
No. of Class required	15
Detail of the topics to be taught (classes required)	Concept & Importance and application of game theory (1) Types of game (2) Pure and Mixed strategies (4) Maximin strategies (1) Dominant strategies, Concept of Nash equilibrium (1) Prisoner's dilemma (1) Repeated games, Sequential games (1) Threats, commitments, and credibility (2) Entry deterrence (2)
No. of tutorials	3
Allotted Unit No	5
Unit Name	Market Failure
No. of Class required	15
Detail of the topics to be taught (classes required)	Meaning of Externalities, externalities in consumption and production (1) Externalities and allocative inefficiency (1) Solutions to the externality problem (1) The Coase theorem (2)

	Public goods (1) Government intervention of public goods (1) Asymmetric information (1): Complex contracts (1), principal-agent problem (1), hidden actions (1) Owner manager relationships (1) Moral hazards (1) Adverse selection (1) Signalling (1)
No. of tutorials	3
PaperTitle (Code): Advanced Macroeconomics (ECNHC402)	
Allotted Unit No	1
Unit Name	Microeconomic Foundations of Macroeconomics
No. of Class required	20
Detail of the topics to be taught (classes required)	Theories of Consumption: Concept of Consumption Function (2) Keynesian consumption function (2) Fisher's theory of optimal intertemporal choice (2) The consumption puzzle (2) Life-cycle (3) Permanent income hypotheses (2) Investment: Determinants of business fixed investment (2) Residential investment (2), Inventory investment (1) The Accelerator theory of inventories(1), Q-theory of investment(1)
No. of tutorials	4
PaperTitle (Code): Introductory Econometrics (ECNHC403)	
Allotted Unit No	3
Unit Name	Violations of Classical Assumptions: Consequences, Detection and Remedies
No. of Class required	15
Detail of the topics to be taught (classes required)	Heteroscedasticity : Problem and consequences (2); tests, detection(2) and alternative methods of estimation (2) Autocorrelation (1): Sources(2), consequences(2), tests of autocorrelation (2), remedial measures(2)
No. of tutorials	3
PaperTitle (Code): Introductory Econometrics (ECNHC403)	
Allotted Unit No	1

Unit Name	Demography and Development
No. of Class required	15
Detail of the topics to be taught (classes required)	Demographic concepts (1) Birth and Death rates (4) Age structure (1) Fertility (1) Mortality (1) Demographic transitions during the process of development (2) Population and economic development (2) Connections between income, mortality, fertility choices and human capital accumulation (1) Migration (2)
No. of tutorials	3
Allotted Unit No	2
Unit Name	Land, Labor and Credit Markets
No. of Class required	15
Detail of the topics to be taught (classes required)	The distribution of land ownership (2) Land reform and its effects on productivity (1) Contractual relationships between tenants and landlords (2) Land acquisition (1) Nutrition and labor productivity (2) Informational problems and credit contracts (1) Microfinance (2) Inter-linkages between rural factor markets (4)
No. of tutorials	3
Allotted Unit No	3
Unit Name	Communities and Economic Development
No. of Class required	10
Detail of the topics to be taught (classes required)	The economic functions of Community (3) Collective intervention in Rural economies (3) Management of Common Property Resources (2) Overcoming the community failure (2)
No. of tutorials	2
Allotted Unit No	4
Unit Name	Environment and Sustainable Development:

No. of Class required	15
Detail of the topics to be taught (classes required)	Environment- Economy linkage (2) Concept and indicators of sustainable development (4) Common-pool resources (2) Environmental externalities and state regulation of the environment (5) Economic activity and climate change (2)
No. of tutorials	3
Allotted Unit No	5
Unit Name	Trade, Globalization and Development
No. of Class required	20
Detail of the topics to be taught (classes required)	International Trade: A Stimulus or a Hindrance To Growth (2) The Prebisch-Singer Thesis (5) Trade, production patterns and world inequality (3) Economic arguments for multilateral agreements (2) Role of Foreign Capital and Foreign Aid in Economic Development (5) Financial instability in a globalized world (3)
No. of tutorials	4
PaperTitle (Code): Introductory Macroeconomics (ECNGE2)	
Allotted Unit No	3
Unit Name	Demand for and Supply of Money
No. of Class required	15
Detail of the topics to be taught (classes required)	Definition and Functions of money (1) Quantity theory of money –cash transactions and cash balance approaches (4) Friedman’s restatement of the quantity theory (1) Demand for Money – Classical, Neoclassical and Keynesian Approaches (3) The Keynesian Liquidity Trap and its Implications (2) Determination of money supply (1) Credit creation (1) monetary policy – meaning, objectives and tools (2)
No. of tutorials	3



Head, Department of Economics

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