



গড়গাঁও মহাবিদ্যালয় GARGAON COLLEGE

TEACHING PLAN
DEPARTMENT OF ECONOMICS
JULY 2023 - JUNE 2024

TEACHING PLAN

Course: B. A.

Session: Odd semester 2023

Subject: ECONOMICS

Name of the Teacher: DR. RIMJIM BORAH

Methods to be applied: Lecture, Activity method, interaction and discussion

Teaching Materials: Green Board, Chalk Pencil, Duster, Book, Journal, Newspaper, 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
B.A. in Economics (NEP) 1st Semester Course: Major (Core) Name of the Course: Introductory Microeconomics Course Code- ECOC1	Unit III Firm and Market Structure	12	Firm and Market Structure Perfect Market Structure <ul style="list-style-type: none">● Behaviour of profit maximizing firms and the production process [2]● Short run costs and output decisions-Basic concepts [2]● Relationships [1]● Output decisions: revenues, costs and profit maximization [2]● Costs and output in the long run [1]● Long run costs [1]● Economies and diseconomies of scale [1]● Imperfect Market Structure Monopoly and anti-trust policy [2]● Government policies towards competition [1]● Monopolistic and oligopoly competition [1]	3
B.A. in Economics (NEP) Course Title: Elementary Microeconomics	Unit III Theory of Production	9	Theory of Production <ul style="list-style-type: none">● Behaviour of profit maximizing firms [2]● Production process [2]● Production functions with one variable input and with two variable inputs [2]● Choice of technology [1]	3

Nature of Course: Minor Course Code: MINECO1			<ul style="list-style-type: none"> • Isoquant and isocost lines [1] • Cost minimizing equilibrium condition [1] 	
B.A. in Economics (NEP) 1st Semester (Generic Elective) Course Title: Economic History of India Course Code: GECECO1	Unit-III Industry and Transportation	11	Industry and Transportation <ul style="list-style-type: none"> • The state of industrial development in mid-nineteenth century in India [3] • The de-industrialization [1] • Emergence of modern capitalist industrial enterprise in India [2] • Constraints to industrial breakthrough [2] • Transportation development and its impact – Railways, Roadways and • Waterways [3] 	
3rd Semester (Honours) Statistical Methods for Economics Course Code- ECNHC303	Unit 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
	Unit III-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] 	
3rd Semester (Honours) Essentials of Macroeconomics Course Code: ECNHC302	Unit II- Investment function:	15	<ul style="list-style-type: none"> • Gross and Net [2] • Induced and Autonomous [2] • Marginal efficiency [2] • Capital [1] • Marginal efficiency of capital and rate of investment [2] • Marginal efficiency of investment [2] 	3

			<ul style="list-style-type: none"> • Multiplier [2] • Profit and accelerator theories of investment [2] 	
3rd Semester (Generic Elective) Indian Economy I Course Code- ECNGE3.1	Unit II- Population and Human Development	15	<ul style="list-style-type: none"> • Demographic features and trends- Size and growth rates of population [3] • trends in birth and death rates, Density of population, Age and Sex Composition [3] • Population as a factor of economic development [2] • Demographic Dividend [2] • National Population Policy [1] • Human Development in India-[1] • Human Development indicators [1] • Human Development Index [1] • India's human development record in global perspective[1] 	
5th Semester (Honours) Public Economics Course Code- (ECNHDSE5 06)	Unit II- 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
	Unit III- 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

TEACHING PLAN

Course: B. A./ B. Com/ B. Sc.

Session: Odd semester 2023

Name of the Teacher: **DR. RIMJIM BORAH**

Subject: Skill Based Course

Course Code: NSS01

Course Name: NSS and Youth Development

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

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

Paper Code/Title	Allotted Unit/ Topic	No. of Class required	Detail of the topics to be taught & class required
3rd Semester (Honours/ Non-Honours) 5th Semester (Non-Honours) Paper: NSS and Youth Development Course Code: NSS01	Unit I: Introduction to NSS	6	<ul style="list-style-type: none">• History, philosophy, aims and objectives of NSS; NSS Insignia [2]• Organization of NSS, Funding; Regular Activities; Special Camping; [2]• Adopted village; Maintaining records, [1]• Collaboration with other Govt. agencies, NGOs [1]
	Unit II: Life Competencies & Youth Leadership	8	<ul style="list-style-type: none">• Definition and importance of life competencies [2]• communication and soft skills[4]• Using the Internet; Youth leadership[2]
	Unit III: Health, Hygiene and Sanitation	5	<ul style="list-style-type: none">• Importance of health, hygiene and sanitation [2]• Various Govt. programmes [3]
	Unit IV: Youth Health	7	styles [3] drugs and substance abuse[3]
	Unit V: Youth and Yoga	7 +12 Practical classes	philosophy of yoga[4] healthy living[3]

TEACHING PLAN

Course: B. A.

Session: Even semester 2024

Name of the Teacher: DR. RIMJIM BORAH

Subject: ECONOMICS

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

Teaching Materials: Green Board, Chalk Pencil, Duster, Book, Journal, Newspaper, 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
B.A. in Economics (NEP) 2nd Semester (Major) Course Title: Introductory Macroeconomics Nature of the Course: Major Course Code: ECOC2	Unit I- Introduction	10	Introduction <ul style="list-style-type: none"> ● Microeconomics vs Macroeconomics [2] ● Evolution of Macroeconomics as a separate discipline [2] ● Nature and scope of macroeconomics [1] ● Schools of macroeconomic thought – the classical, the Keynesian and the monetarist [2] ● Microeconomic thinking and Macroeconomic models [1] ● Objectives of Macroeconomics – short term vs long run [1] ● Economic growth vs stabilization [1] 	
B.A. in Economics (NEP) 2nd Semester (Minor) Title of the Course: Elementary Macroeconomics Nature of the Course: Minor Course Code: MINECO2	Unit I- Introduction	10	Introduction <ul style="list-style-type: none"> ● Microeconomics vs Macroeconomics [2] ● Evolution of Macroeconomics as a separate discipline [2] ● Nature and scope of macroeconomics [1] ● Schools of macroeconomic thought – the classical, the Keynesian and the monetarist [2] ● Microeconomic thinking and Macroeconomic models [1] ● Objectives of Macroeconomics – short term vs long run [1] 	

			<ul style="list-style-type: none"> • Economic growth vs stabilization [1] 	
B.A. in Economics (NEP) 2nd Semester (Generic Elective) Course Title: Contemporary Indian Economy Course Code: GECECO2	Unit: IV Other Relevant Issues	12	Other Relevant Issues <ul style="list-style-type: none"> • India's population policy [1] • Demographic Dividend [1] • Human development in India [1] • Urbanization and Smart City Mission [2] • Impact of COVID-19 Pandemic [1] • Atma Nirbhar Bharat Abhiyan [1] • Agricultural Price policy and Subsidies [2] • Public Distribution System [1] • Doubling Farmers' Incomes –MGNREGA • Non-farm sector [2] 	
4th semester (Honours) Advanced Macroeconomics (Core) Course Code: ECNHC402	Unit: V Schools of Macroeconomic Thoughts	10	<ul style="list-style-type: none"> • Classical vs Keynesians: [1] • Classical and full wage-price flexibility[1] • Keynesians and wage-price rigidity[1] • the Monetarist counterrevolution – the basic propositions of the monetarists [2] • New-Classical economics and critique of Keynesian economics [1] • Rational expectations and policy ineffective proposition [2] • the Keynesian counter critique [1] • the supply side economics – Laffer curve analysis [1] 	3
4th semester (Honours) Introductory Econometrics Course Code: ECNHC403	Unit: IV Multicollinearity	10	<ul style="list-style-type: none"> • Nature of the problem [2] • Sources [2] • Perfect Multicollinearity vs Imperfect Multicollinearity [2] • its consequences [2] • Detection and remedies of multicollinearity [2] 	
6th Semester (Honours)	Unit: I Introduction	15	<ul style="list-style-type: none"> • Basic concepts: Ecology [1] 	3

Environmental Economics Course Code: ECNHDSE60 2			<ul style="list-style-type: none"> ● 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] 	
	Unit: II 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
	Unit: III The design and implementation of Environmental Policy and Sustainable development:	15	<ul style="list-style-type: none"> ● Environmental Policies: Overview [2] ● Economic instruments of environmental policies Pigouvian Taxes Effluent fees Tradable permits Liability rules-[4] ● Sustainable development [1] ● Notions of Sustainability [1] ● Strong and Weak Sustainability [2] ● Measurement and Indicators of sustainability [3] 	3

			<ul style="list-style-type: none"> • The Pearce Atkinson Indicator [1] 	
	Unit: IV 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
	Unit: V 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] 	

TEACHING PLAN

Course: B. A./ B. Com/ B. Sc. Session: Even semester, 2024

Name of the Teacher: DR. RIMJIM BORAH

Subject: Skill Based Course

Course Code: NSS02

Course Name: NSS in Social-economic Development

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

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

Paper Code/Title	Allotted Unit/ Topic	No. of Class required	Detail of the topics to be taught & class required
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4th Semester (Honours/ Non- Honours) 6th Semester (Non- Honours) Paper: NSS in Social-economic Development Course Code: NSS02	Unit I: Environment Issues	4	<ul style="list-style-type: none"> Environment conservation, Enrichment and Sustainability [2] Climate Change; Waste Management; Natural Resource Management [2]
	Unit II: Disaster Management	10	<ul style="list-style-type: none"> Introduction; Classification of disasters [3] Role of NSS in disaster management with more emphasis on disasters specific to NE India [5] Civil defence [2]
	Unit III: Entrepreneurship	7	<ul style="list-style-type: none"> Definition and meaning [2] Qualities of a good entrepreneur [2] Risks [1] Various policies aiding an entrepreneur [2]
	Unit IV: Funding a Venture	5	<ul style="list-style-type: none"> Sources of funding and [3]
	Unit V: Documentation and Reporting	7 +22 Practical classes	Collection and analysis of data [2] Reporting[2] and their dissemination[3]

TEACHING PLAN

Course: M. A.(Economics)

Session: Odd semester 2023

Name of the Teacher: DR. RIMJIM BORAH

Subject: ECONOMICS

Core Course: Mathematics for Economic Analysis

Course Code: ECNCC103

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

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

Paper Code/Title	Allotted Unit/ Topic	No. of Class required	Detail of the topics to be taught & class required
M. A. in Economics 1 st Semester	Unit – V	10	<ul style="list-style-type: none"> Determinants[1] their evaluation and properties Solution of Simultaneous equations[2]

Mathematics for Economic Analysis Course Code- ECNCC103	Elements of Matrix Algebra		<ul style="list-style-type: none"> • Input-Output analysis – Structure of an input-output model – Static open input-output model – Solution –[2] • Hawkins – Simon conditions, Pricing [1] • dynamic input – output model [1] • linkage analysis [1] • Income multiplier [1] • Output multiplier [1]
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TEACHING PLAN

Course: M. A.(Economics)

Session: Odd semester 2023

Name of the Teacher: DR. RIMJIM BORAH

Subject: M. A. in ECONOMICS

Core Course: Monetary Theories and Policy

Course Code: ECNCC202

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

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

Paper Code/Title	Allotted Unit/ Topic	No. of Class required	Detail of the topics to be taught & class required
M. A. in Economics Monetary Theories and Policy Course Code: ECNCC20	Unit III Business Cycle:	16	<ul style="list-style-type: none"> • Business Cycle[2] • Characteristics of business cycles[2] • Theories of business cycles - Multiplier-accelerator theories of Samuelson and Hicks [4] • Schumpeter's theory[2] • Cobweb theory[2] • Real business cycle theory[2] • Political business cycle theory[2]



(Dr. Rimjim Borah)

Assistant Professor

HoD, Department of Economics

Gargaon College

GARGAON COLLEGE

TEACHING PLAN

Programme: B. A.

Session: Odd semester 2023

Subject: ECONOMICS

Name of the Teacher: NILUTPAL CHUTIA

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

Teaching Materials: Green Board, 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
ECOC1: Introductory Microeconomics (B.A. 1 st Semester, FYUGP)	v. Input Markets Input Demand	14	Land and Labour Markets <ul style="list-style-type: none">• Input markets: Basic concepts [1]• Labour markets- Firm using only one variable factor of Production, [2]• firm employing Two Variable Factors of Production in the Short and long Run. [2]• Land market-Determination of Rent, Rent and the value of Output produced on land, [2]• Firm's profit \square maximizing condition in input markets, [2]• Input demand curves; shifts in input demand curves; [2]• Resource Allocation and the Mix of Output in Competitive Markets, Distribution of Income [3]	3
Statistical Methods for Economics ECNHC303 (B.A. 3 rd Semester)	i. Elementary Probability Theory	8	<ul style="list-style-type: none">• Probability: Concepts of Sample Space and Events, [1]• Probability of an Event, Addition and Multiplication Theorems; [2]• Conditional Probability and Independence of Events; [2]• Inverse Probability; Bayes' Rule (concepts only); [1]• Mathematical Expectation [1]	2

	ii. Random Variables and Probability Distributions	9	<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 [1] • Theoretical Distributions: Binomial distribution- its properties [2] • Poisson distribution-its properties, Poisson distribution as a limiting case of binomial distribution [1] • Normal distribution-its properties [2] 	
Money and Financial Markets (ECNHDSE505) (B.A. 5th Semester)	i. Money	8	<ul style="list-style-type: none"> • Concept, functions, measurement [2] • Theories of money supply determination[3] • RBI approach to money supply [1] • High powered money and money multiplier [2] 	2
	ii. Financial Institutions, Markets, Instruments and Financial Innovations:	10	<ul style="list-style-type: none"> • Role of financial markets and institutions [1] • Structure of money market and capital market —Call money market [1] • Treasury bill market, Commercial bill market including commercial paper and certificate of deposits [2] • Government securities market, Primary and secondary market for securities [2] • Financial sector Reforms in India [1] • Role of Financial Derivatives [2] • Financial Institutions: Types; Banking and Non-Banking Financial Institutions. [1] 	2
	iv. Interest Rates	6	<ul style="list-style-type: none"> • Interest Rates Determination; [2] • Sources of interest rate differentials [1] • Theories of term structure of interest rates; [2] • Interest rates in India. [1] 	2

MINECO1: Elementary Microeconomics (B.A. 1st Semester)	iv. Theory of Costs	8	<ul style="list-style-type: none"> • Economic costs; [1] • Costs in the short run, [1] • Costs in the long run, [1] • Revenue and profit maximizations, [1] • Minimizing losses, [1] • Short run industry supply curve, [1] • Economies and diseconomies of scale, long run adjustments. [2] 	2
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(Nilutpal Chutia)
Assistant Professor
Department of Economics

GARGAON COLLEGE

TEACHING PLAN

Programme: B. A.

Session: Even semester 2024

Subject: ECONOMICS

Name of the Teacher: NILUTPAL CHUTIA

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

Teaching Materials: Green Board, 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
ECOC2: Introductory Macroeconomics (B.A. 2 nd Semester, FYUGP)	Unit V. Introduction to money and theory of interest	8	<ul style="list-style-type: none">• Definition of money; Functions of money; Types of money – money in barter system, fiat money, fiduciary money, metallic money, paper money; [2]• Supply of money – Meaning and the role of central bank (money through credit creation not to be included), [2]• Measures of Money (RBI definitions); [1]• Demand for money – Meaning; The quantity theory of Money; [1]• Motives of demand for money – Transaction, Precautionary and Speculative; Determination of the equilibrium rate of interest – the Keynesian liquidity preference theory [2]	2
Introductory Econometrics ECNHC403 (B.A. 4 th Semester)	Unit I: Nature and Scope of Econometrics	2	<ul style="list-style-type: none">• What is Econometrics?; Economic and Econometric Models; [1]• The Aims and Methodology of Econometrics. [1]	2

	Unit II: Simple Linear Regression Model	13	<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 [2] • Assumptions under CLRM; [1] • BLUE Properties of estimators: The Gauss Markov theorem; [2] • Goodness of fit – R-squared and R-bar squared; Tests of hypotheses; Scaling and units of measurement; confidence intervals; Forecasting. [2] • k variable linear regression model: [1] • Estimation of parameters; [1] • Qualitative (dummy) independent variables – Dummy variable trap [2] 	2
International Economics ECNHDSE603 (B.A. 6th Semester)	Unit I: International Economics and Trade Theories	8	<ul style="list-style-type: none"> • The subject matter of international economics; [1] • Adam Smith's absolute advantage theory, [1] • Ricardian law of comparative advantage; [1] • Reciprocal demand and Offer curve analysis; [1] • Heckscher-Ohlin theorem; [2] • The Specific factors model. [2] 	2
	Unit II: Trade Policy	7	<ul style="list-style-type: none"> • Free trade Vs. protective trade; Political economy of protectionism; [3] • Methods of protection - Tariff and non-tariff barriers; [2] • Inward looking trade policy and outward looking trade policy and their evaluation. [2] 	2

Nilutpal Chutia

(Nilutpal Chutia)
Assistant Professor
Department of Economics

GARGAON COLLEGE

TEACHING PLAN

Programme: M. A.

Session: Odd semester 2023

Subject: ECONOMICS

Name of the Teacher: NILUTPAL CHUTIA

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

Teaching Materials: Green Board, 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
ECNCC103: Mathematics for Economics (MA 1 st Semester)	Unit I	8	<ul style="list-style-type: none">• Sets, Set Operations, Convex Set – Properties. [1]• Relations and Functions: Different forms of functions and their graphs [1]• Limit and Continuity of functions. [1]• Differentiation – Definition and Basic rules of differentiation – derivative of implicit functions [1]• Application of derivative in case of elasticity, revenue function, cost function and derivation of other marginal functions [2]• Application to comparative static analysis of market model and national income model. [2]	2
	Unit II	10	<ul style="list-style-type: none">• Unconstrained optimization – Optimization with single explanatory variable [2]• Applications to Cost minimisation, Revenue maximisation, Profit maximisation and Equilibrium of firm, Partial Differentiation [2]• Optimisation with more than one explanatory variable – Economic Application. [2]• Constrained optimization – Optimization with equality constraint – Lagrange’s multiplier method [2]• Application to consumer’s equilibrium and producer’s	2

			equilibrium in factor market.[2]	
ECNCC102 Macroeconomic Analysis (MA 1 st Semester)	Unit I	10	<ul style="list-style-type: none"> • General Framework of Macroeconomic Analysis: IS-LM Model [2] • Brief review of classical and neo-classical economic systems; Keynesian system: Theory of effective demand, output and employment determination [2] • Theory of interest; Policy evaluation under the Keynesian system - IS-LM Framework: IS curve and good market equilibrium [3] • LM curve and money market equilibrium, General equilibrium. Evaluation of policies in IS-LM model [3] 	2
ECNAEC101 Foundations of Social Science Research (Ability Enhancement Course) (MA 1 st Semester)	Unit II	5	<ul style="list-style-type: none"> • Analysis of Data: Univariate and bivariate analysis – cross tabulation; [1] • Hypothesis – Meaning, types; Qualities of a good hypothesis; [1] • Steps involved in hypothesis testing; Errors in hypothesis testing; [1] • Report writing. [2] 	2
ECNCC301: International Economics (Core Course) (MA 3 rd Semester)	Unit I	12	<ul style="list-style-type: none"> • Comparative advantage and trade, [1] • Heckscher-Ohlin, [2] • Stolper-Samuelson theorem, [1] • Specific factors model, [2] • Leontief paradox; [1] • Technological gap model, [1] • Product cycle theory, [1] • Overlapping demand theory, [1] • Vertical specialization-based trade,[1] • The gravity model.[1] 	2

	Unit II	12	<ul style="list-style-type: none"> • Balance of Payments – current and capital account; [1] • Exchange rate – equilibrium exchange rate, spot and forward rates, Currency swaps, [2] • Foreign exchange risks, Hedging and speculation, Interest arbitrage and foreign exchange markets, [2] • Monetary approach to balance of payments and exchange rate, [2] • Asset market model and exchange rate; [1] • Exchange rate and balance of payments; [1] • Exchange rate, domestic prices and terms of trade; [1] • International monetary system – Bretton Woods System, Operation of the present system.[2] 	2
ECNDSE303: Industrial Economics Discipline Specific Elective Course (MA 3rd Semester)	Unit IV	10	Industrial Finance and Accounting: <ul style="list-style-type: none"> • Need for finance, Types of Finance – short term and long term, [2] • Sources of finance – internal and external, Commercial and Development Bank, [2] • Choice of funding – internal vs external sources [1] • Accounting – Need for accounting, [2] • Basic accounting procedure – balance sheet, profit and loss account – cost of capital – depreciation accounting – cost accounting [3] 	2
ECNAEC301: Data Collection and Analysis for Social Science Research Ability Enhancement Course (MA 3rd Semester)	Unit II	12	Data Analysis: <ul style="list-style-type: none"> • Reliability and validity; [2] • Graphs and Diagrams - One dimensional –single, subdivided, multiple deviation; [2] • Two dimensional- histogram, pie diagram; [2] • Three dimensional rectangular, cube; [2] • Pictograms and cartograms, scatter, line and radar diagrams; [1] 	2

			<ul style="list-style-type: none">• Tabular Presentation -Single; Double, Multiple; [1]• Quantitative tools [2]	
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(Dr. Nilutpal Chutia)
Assistant Professor
Department of Economics

GARGAON COLLEGE

TEACHING PLAN

Programme: M. A.

Session: Even semester 2024

Subject: ECONOMICS


Name of the Teacher: NILUTPAL CHUTIA

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

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

ECNCC203 Statistical Foundations of Econometrics (MA 2 nd Semester)	Unit I	9	<ul style="list-style-type: none">• Probability and Distribution – Random Variables- Discrete and Continuous [1]• Probability Mass Function and Probability Density Function [1]• Rules of probability [1]• Mathematical Expectation [1]• Discrete and Continuous distributions Binomial distribution, [1]• Poisson distribution [2]• Normal distribution [2]	2
	Unit III	12	<ul style="list-style-type: none">• Linear Regression Model – Principles of least squares - Two-Variable Linear Regression Model, [3]• BLUE – The Gauss–Markov Theorem – Extension to MultiVariable Linear regression Model, [3]• R² and Adjusted R² . Prediction & Forecasting; [2]• Introduction to Maximum likelihood estimation, [2]• Dummy Variable. [2]	2
ECNCC401: Indian Economy Core Course (MA 4 th Semester)	Unit VI	12	India's External Sector <ul style="list-style-type: none">• Reforms in External sector, [1]• Direction of Foreign Trade, [1]• Composition of Foreign Trade, [1]• Recent changes in Foreign Trade Policy, [1]• Balance of Payments: Role of Private Transfer, Software Services and Foreign Capital in BOP, [3]• Current and Capital Account Convertibility; [2]• WTO, TRIPS and GATS [3]	2

<p>ECNCC 403 Regional Economics</p> <p>Core Course</p> <p>(MA 4th Semester)</p>	<p>Unit V</p>	<p>10</p>	<p>Industry and Infrastructure:</p> <ul style="list-style-type: none"> • Structure of Industrial Production- Causes of Industrial Backwardness and their Remedies [2] • NE Industrial Policy; [1] • State of Infrastructure; Emergence of the service sector, growth of banking and Financial Institutions [2] • Performance of social sector; [1] • Special Agencies for Regional Development – NEC; [1] • Potential Areas – Tourism potential of the region, [1] • Border Trade and Act East Policy, [1] • Organic Farming. [1] 	
<p>ECNDSE403: Rural Development and Management</p> <p>Discipline Specific Elective Course</p> <p>(MA 4th Semester)</p>	<p>Unit IV</p>	<p>8</p>	<p>Rural development policies and programmes in India :</p> <ul style="list-style-type: none"> • Rural Development Policies during different plan periods; [1] • Strategies of Rural Development – growth oriented strategy, Welfare strategy; participatory strategy; right-based strategy, etc. [2] • Rural Development Programmes for agricultural sector; [1] • Social Sectors; Rural Social Security- Programmes for disabled and destitute; [2] • Poverty removal and employment generation programmes in rural India. [2] 	


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 Department of Economics



DR. SURAJIT SAIKIA

DEPARTMENT OF ECONOMICS

TEACHING PLAN FOR ODD SEMESTER

Paper Code/Title	Paper Title: Introductory Microeconomics Paper Code: ECNHC101
Allotted Unit/Topic	Input Markets
Number of Classes	15
Details of the topic	Labour market - basic concepts (derived demand, productivity of an input, marginal productivity of labour, marginal revenue product); Labour markets- Firm using only one variable factor of Production-Labour, A firm employing Two Variable Factors of Production in the Short and long Run; Land market- Determination of Rent, Rent and the value of Output produced on land, Firm's profit-maximizing condition in input markets, Input demand curves; shifts in input demand curves; Resource Allocation and the Mix of Output in Competitive Markets, Distribution of Income Marginal Productivity Theory; Competitive labour markets; and labour markets and public policy.
Teaching Tools	<ul style="list-style-type: none"> ● Board and Marker ● ICT tools like Projector, online platform like zoom, Google Classroom etc.
Evaluation Process	<ul style="list-style-type: none"> ● Sessional Examination ● Unit Test ● Google Class Room Quiz ● Seminar Presentation/Group Discussion/Micro Teaching
Paper Code/Title	Paper Title: Essentials of Microeconomics Paper Code: ECNHC301
Allotted Unit/Topic	Production Theory
Number of Classes	15
Details of the topic	Technological relationship between outputs and inputs, Basic Concepts: TP, AP, MP, Isoquants, properties of isoquants, Isoquant map, Marginal Rate of Technical Substitution, Elasticity of Substitution, Expansion path, returns to scale; Production with One Variable Input (labour) and with Two-Variable Inputs; Special cases of Production Functions - Linear, Fixed Proportions, CobbDouglas, CES; Production function and technical Progress; Multiple products: the production transformation curve.
Teaching Tools	<ul style="list-style-type: none"> ● Board and Marker ● ICT tools like Projector, online platform like zoom, Google Classroom etc.



Evaluation Process	<ul style="list-style-type: none"> ● Sessional Examination ● Unit Test ● Google Class Room Quiz ● Seminar Presentation/Group Discussion/Micro Teaching 		
Paper Code/Title	Title Paper: Indian Economy- I Paper Code: ECNHC501		
Allotted Unit/Topic	Economic Development since Independence	Population and Human Development	International Comparisons
Number of Classes	20	20	20
Details of the topic	<p>Indian Economy on the eve of independence- An overview; Alternative development strategies since independence- goal of self-reliance based on import substitution and protection, the post-1991 globalization strategies based on stabilization and structural adjustment packages; An assessment of performance-sustainability and regional contrasts; structural transformation of savings and investment</p>	<p>Demographic features and trends- Size and growth rates of population, trends in birth and death rates, Density of population, Age and Sex Composition, Population as a factor of economic development, Demographic Dividend; National Population Policy; Human Development in India- Human Development indicators, Human Development Index, India's human development record in global perspective.</p>	<p>India's economic interaction with the world economy, A comparative assessment of India's development experience with high performing Asian economies- Singapore, South Korea and Taiwan.</p>
Teaching Tools	<ul style="list-style-type: none"> ● Board and Marker ● ICT tools like Projector, online platform like zoom, Google Classroom etc. 		
Evaluation Process	<ul style="list-style-type: none"> ● Sessional Examination ● Unit Test ● Google Class Room Quiz ● Seminar Presentation/Group Discussion/Micro Teaching 		



TEACHING PLAN FOR EVEN SEMESTER

Paper Code/Title	Paper Title: Introductory Macroeconomics Paper Code: ECNHC201	
Allotted Unit/Topic	I	II
Number of Classes	15	15
Details of the topic	Introduction to Macroeconomics: Macro vs. Micro Economics; Scope and limitations of Macroeconomics; Introduction to National Income - Concepts of GDP, GNP, NDP and NNP at market price and factor cost; Personal Income and Disposable personal Income; Real versus Nominal GDP, GDP Deflator. GDP and Welfare; Limitation of the GDP concep	Measurement of GDP: Rules and approaches of Measurement of GDP - Income, expenditure, product and Value added approaches, Difficulties of Estimating National Income, Circular Flow of Income and expenditure in two and four-sector economy; national income accounting for an open economy.
Teaching Tools	<ul style="list-style-type: none"> ● Board and Marker ● ICT tools like Projector, online platform like zoom, Google Classroom etc. 	
Evaluation Process	<ul style="list-style-type: none"> ● Sessional Examination ● Unit Test ● Google Class Room Quiz ● Seminar Presentation/Group Discussion/Micro Teaching 	
Paper Code/Title	Paper Title: Advanced Macroeconomics Paper Code: ECNGE2	
Allotted Unit/Topic	II	
Number of Classes	15	
Details of the topic	Measurement of GDP: Rules and approaches of Measurement of GDP - Income, expenditure, product and Value added approaches, Difficulties of Estimating National Income, Circular Flow of Income and expenditure in two and four-sector economy; national income accounting for an open economy.	
Teaching Tools	<ul style="list-style-type: none"> ● Board and Marker ● ICT tools like Projector, online platform like zoom, Google Classroom etc. 	
Evaluation Process	<ul style="list-style-type: none"> ● Sessional Examination ● Unit Test ● Google Class Room Quiz ● Seminar Presentation/Group Discussion/Micro Teaching 	



Paper Code/Title	Paper Title: Advanced Microeconomics Paper Code: ECNHC401	
Allotted Unit/Topic	I	II
Number of Classes	15	15
Details of the topic	General Equilibrium: Efficiency and Welfare General equilibrium analysis; Equilibrium and efficiency under pure exchange and production; Equity and efficiency; the efficiency of competitive markets; welfare economics- Old and New welfare economics; the compensation criteria; the social welfare function and the theory of second best	Monopoly: Monopoly- definition, output decision of the monopolists; monopoly power, sources of monopoly, Barriers to entry, mark up pricing, Social cost of monopoly power; Pricing with market power-price discrimination: first degree, second degree and third degree with examples; peak-load pricing; two-part tariff; Monopolistic competition: definitions, characteristics, output decisions, excess capacity and advertising.
Teaching Tools	<ul style="list-style-type: none"> ● Board and Marker ● ICT tools like Projector, online platform like zoom, Google Classroom etc. 	
Evaluation Process	<ul style="list-style-type: none"> ● Sessional Examination ● Unit Test ● Google Class Room Quiz ● Seminar Presentation/Group Discussion/Micro Teaching 	
Paper Code/Title	Paper Title: Advanced Macroeconomics Paper Code: ECNHC402	
Allotted Unit/Topic	II	
Number of Classes	15	
Details of the topic	Economic Growth – I: The Accumulation of Capital and Population Growth; The Harrod-Domar model; Instability of equilibrium; The basic Solow model of growth; the Golden rule level of capital; Population growth in the Solow model.	
Teaching Tools	<ul style="list-style-type: none"> ● Board and Marker ● ICT tools like Projector, online platform like zoom, Google Classroom etc. 	
Evaluation Process	<ul style="list-style-type: none"> ● Sessional Examination ● Unit Test ● Google Class Room Quiz ● Seminar Presentation/Group Discussion/Micro Teaching 	
Paper Code/Title	Paper Title: Indian Economy- II Paper Code: ECNHC601	



Allotted Unit/Topic	I	II
Number of Classes	15	15
Details of the topic	Macroeconomic Policies and Their Impact Fiscal reform measures in the context of India's New Economic Policy, Fiscal Responsibility and Budget Management (FRBM) Act. Monetary Reforms and its impact. Black money and Parallel economy in India- consequences and corrective government intervention. Trade Policy- Export Import Policy, Foreign Trade Policy; Current and Capital Account Convertibility	Policies and Performance in Agriculture Changing structure of Indian Agriculture, Growth and productivity of Agriculture, Sustainable agriculture concept and constraints, Diversification of Agriculture, Capital formation, Role of technology; Green revolution; Institutions- land reforms, rural credit, agricultural marketing, price policy; WTO and Agriculture.
Teaching Tools	<ul style="list-style-type: none">● Board and Marker● ICT tools like Projector, online platform like zoom, Google Classroom etc.	
Evaluation Process	<ul style="list-style-type: none">● Sessional Examination● Unit Test● Google Class Room Quiz● Seminar Presentation/Group Discussion/Micro Teaching	
Allotted Unit/Topic	III	
Number of Classes	15	
Details of the topic	Policies and Performance in Industry Pattern of Industrialization, Industrial growth and productivity in the post reform period, Diversification of industries, Public Sector reforms, Disinvestment and Privatization, MSME Sector, Industrial Policy reforms, Foreign Investment in the Industrial sector.	
Teaching Tools	<ul style="list-style-type: none">● Board and Marker● ICT tools like Projector, online platform like zoom, Google Classroom etc.	
Evaluation Process	<ul style="list-style-type: none">● Sessional Examination● Unit Test● Google Class Room Quiz● Seminar Presentation/Group Discussion/Micro Teaching	



TEACHING PLAN FOR P.G. PROGRAMME

ODD SEMESTER

Paper Code/Title	Course Code: ECNCC101 Title of the Course: Microeconomic Analysis-I
Allotted Unit/Topic	III
Number of Classes	16
Details of the topic	Pricing in Product Market: A Review of Equilibrium of the Firm and Industry under Perfect Competition, Monopolistic Competition and Monopoly - Effect of Imposition of a Tax under Perfect Competition and Monopoly - Monopoly and Its Regulation - the MultiPlant Firm Oligopoly Models: Non-Collusive Oligopoly- Cournot's Duopoly Model, Bertrand's Duopoly Model, and Stackelberg's Duopoly Model - Kinked-Demand Curve Model, Collusive Oligopoly- Cartels Aiming at Joint Profit Maximisation and Market-Sharing Cartels - Price Leadership Models.
Teaching Tools	<ul style="list-style-type: none">● Board and Marker● ICT tools like Projector, online platform like zoom, Google Classroom etc.
Evaluation Process	<ul style="list-style-type: none">● Sessional Examination● Unit Test● Google Class Room Quiz● Seminar Presentation/Group Discussion/Micro Teaching
Paper Code/Title	Course Code : ECNCC102 Title of the Course : Macroeconomic Analysis
Allotted Unit/Topic	VI
Number of Classes	8
Details of the topic	Macroeconomic Policy Debates Monetary Policy Rules – Taylor rule, Monetary policy rules; The Macroeconomic Policy Model; Should Policy be active or passive; Discretionary policy vs. rule based policy.



Teaching Tools	<ul style="list-style-type: none">● Board and Marker● ICT tools like Projector, online platform like zoom, Google Classroom etc.
Evaluation Process	<ul style="list-style-type: none">● Sessional Examination● Unit Test● Google Class Room Quiz● Seminar Presentation/Group Discussion/Micro Teaching

Paper Code/Title	Course Code: ECNCC303 Title of the Course: Public Finance
Allotted Unit/Topic	I
Number of Classes	10
Details of the topic	Major Economic Functions of the Government: Establishing the legal framework for the market economy, the allocation function, the distribution function, the stabilization function. Public-Choice Theory: Meaning outcomes of collective choice, the choice process-unanimity, majority rule, cyclical voting and the voting paradox, Arrow's theorem.
Teaching Tools	<ul style="list-style-type: none">● Board and Marker● ICT tools like Projector, online platform like zoom, Google Classroom etc.
Evaluation Process	<ul style="list-style-type: none">● Sessional Examination● Unit Test● Google Class Room Quiz● Seminar Presentation/Group Discussion/Micro Teaching etc.
Paper Code/Title	Course Code : ECNDSE303 Title of the Course : Industrial Economics
Allotted Unit/Topic	V
Number of Classes	10



Details of the topic	Industrial Location Analysis and Industrial Efficiency: 10 Factors affecting Industrial Location , Approaches to industrial location analysis – Central place theory – Renner's theory – Rawstron's principles, Economic theories of Industrial Location – Weber's theory – Market area theory – Central place theory, Operational approaches to industrial location Industrial Efficiency – Productive efficiency and Economic efficiency
Teaching Tools	<ul style="list-style-type: none">● Board and Marker● ICT tools like Projector, online platform like zoom, Google Classroom etc.
Evaluation Process	<ul style="list-style-type: none">● Sessional Examination● Unit Test● Google Class Room Quiz● Seminar Presentation/Group Discussion/Micro Teaching

Paper Code/Title	Course Code: ECNAEC301 Title of the Course: Data Collection and Analysis for Social Science Research
Allotted Unit/Topic	III
Number of Classes	08
Details of the topic	Case Study: 8 Students shall have to prepare case study report.
Teaching Tools	<ul style="list-style-type: none">● Board and Marker● SPSS Software
Evaluation Process	<ul style="list-style-type: none">● Data Collection● Data Entry● Google Class Room Quiz● Report Presentation



TEACHING PLAN FOR P.G. PROGRAMME

EVEN SEMESTER

Paper Code/Title	Course Code: ECNGE201 Title of the Course: Issues of Indian Economy
Allotted Unit/Topic	II
Number of Classes	14
Details of the topic	Agriculture Sector 14 The Problem of Food Security: Public Distribution System, Agricultural Subsidies, Agricultural prices and marketing, Diversification of Agriculture, Agriculture and environment, WTO and agriculture.
Teaching Tools	<ul style="list-style-type: none">● Board and Marker● ICT tools like Projector, online platform like zoom, Google Classroom etc.
Evaluation Process	<ul style="list-style-type: none">● Sessional Examination● Unit Test● Google Class Room Quiz● Seminar Presentation/Group Discussion/Micro Teaching
Paper Code/Title	Course Code : ECNCC102 Title of the Course : Macroeconomic Analysis
Allotted Unit/Topic	VI
Number of Classes	8
Details of the topic	Macroeconomic Policy Debates Monetary Policy Rules – Taylor rule, Monetary policy rules; The Macroeconomic Policy Model; Should Policy be active or passive; Discretionary policy vs. rule based policy.
Teaching Tools	<ul style="list-style-type: none">● Board and Marker● ICT tools like Projector, online platform like zoom, Google Classroom etc.



Evaluation Process	<ul style="list-style-type: none"> ● Sessional Examination ● Unit Test ● Google Class Room Quiz ● Seminar Presentation/Group Discussion/Micro Teaching
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Paper Code/Title	Course Code: ECNCC401 Title of the Course: Indian Economy
Allotted Unit/Topic	III
Number of Classes	14
Details of the topic	Agriculture Sector 14 The Problem of Food Security: Public Distribution System, Agricultural Subsidies, Agricultural prices and marketing, Diversification of Agriculture, Agriculture and environment, WTO and agriculture.
Teaching Tools	<ul style="list-style-type: none"> ● Board and Marker ● ICT tools like Projector, online platform like zoom, Google Classroom etc.
Evaluation Process	<ul style="list-style-type: none"> ● Sessional Examination ● Unit Test ● Google Class Room Quiz ● Seminar Presentation/Group Discussion/Micro Teaching

TEACHING PLAN FOR FYUGP PROGRAMME

ODD SEMESTER

Paper Code/Title	Course Code: ECOC1 Title of the Course: Introductory Microeconomics
Allotted Unit/Topic	I
Number of Classes	12



Details of the topic	Exploring the subject matter of Economics: Why study economics? Scope and method of economics; Scarcity and choice; Types of Microeconomic Analysis, Goals of Microeconomics-Growth and Efficiency; The economic problems: the question of what to produce, how to produce and how to distribute output; Economic models: Verification and general features of economic models ; the basic competitive model - prices, property rights and profits; incentives and information; rationing; economic systems- Command, Free Market and Mixed; Economic systems and the role of Government; reading and working with graphs; Applications of microeconomics.
Teaching Tools	<ul style="list-style-type: none">● Board and Marker● ICT tools like Projector, online platform like zoom, Google Classroom etc.
Evaluation Process	<ul style="list-style-type: none">● Sessional Examination● Unit Test● Google Class Room Quiz● Seminar Presentation/Group Discussion/Micro Teaching

GARGAON COLLEGE
Department of Economics

TEACHING PLAN

Session: Odd semester 2023

Subject: ECONOMICS

Name of the Teacher: Ankika Dutta

Methods to be applied: Lecture and presentation method along with interaction and discussion.

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

Course: B. A.

PaperTitle (Code): Introductory Microeconomics (ECNHC101)- Major [FOUR YEAR UNDERGRADUATE PROGRAMMES (FYUGP)]	
Allotted Unit No	2
Unit Name	Supply and Demand
No. of Class required	13
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 (1) How prices allocate resources (1) Elasticity and its application (1) Controls on prices (1) Taxes and the costs of taxation (1) Consumer surplus (1) Producer surplus (1) The efficiency of the markets (1)
No. of tutorials	2

Paper Title (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	5
Unit Name	Macroeconomics of an Open Economy -II
No. of Class required	15
Detail of the topics to be taught (classes required)	Concepts and components of balance of trade and balance of payments (3) Balance of payments– the current and capital account (2) Basic accounting rule (2) Equilibrium or disequilibrium of balance of payments (3) Factors causing balance of payments disequilibrium (1) Adjustment of balance of payments – the monetary approach to balance of payments (2) International financial markets (2)
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)	Evolution of Development Economics (2) Economic growth and development (2) Characteristics of underdeveloped economies (2) Measures of development- GNP (1), PQLI (2), HDI (3), GDI (2), GEM (1)
No. of tutorials	3

Allotted Unit No	2
Unit Name	Strategies of Development
No. of Class required	15
Detail of the topics to be taught (classes required)	Stages of Economic growth- Rostow (4) Low level equilibrium trap (2) The critical minimum effort hypothesis (2) Big push growth (2) Balanced growth (1) Unbalanced growth (1) Balanced growth vs. Unbalanced growth (1) Choice of Technique (2)
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): Elementary Microeconomics (MINECO1)-Minor [FOUR YEAR UNDERGRADUATE PROGRAMMES (FYUGP)]	
Allotted Unit No	1
Unit Name	Introduction
No. of Class required	20
Detail of the topics to be taught (classes required)	What is Microeconomics (1) Problem of scarcity and choice: scarcity, choice and opportunity cost (1) Production Possibility Frontier (2) Economic systems (1) Demand and supply: law of demand, Determinants of demand (1) Shifts of demand versus movements along a demand curve, Market demand (1) Law of supply (1) Determinants of supply, Shifts of supply versus movements along a supply curve (1) Market supply (1) Market equilibrium (1) Applications of demand and supply: price rationing, price floors (1) Consumer surplus & Producer surplus (1) Idea of deadweight loss (1) Elasticity: price elasticity of demand; types of elasticity (2) Different methods of calculating elasticities (2) Determinants of demand elasticity, other important elasticities (2)
No. of tutorials	3

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Signature of the Faculty Member

Course: M. A
1st Semester

PaperTitle (Code): Microeconomic Analysis – I (ECNCC101)	
Allotted Unit No	4
Unit Name	An Introduction to the Theory of Games
No. of Class required	16
Detail of the topics to be taught (classes required)	Basic Concepts, Objectives and Applications(2); Classification of Games depending upon Number of Players, Sum of Gains and Losses, and, Strategy (1); Competitive Games: Two-Person Zero-Sum Games (1); Pure and Mixed Strategies (2) ; Rules of Dominance and Iterated Deletion of Dominated Strategies (3); Solution of Games with and without Saddle Point(3); Two Person, Non-Constant- Sum Games (1); Cooperative Games and Nash Bargaining Solution(1); Non-Cooperative Games and Prisoners' Dilemma (2)
No. of tutorials	2

PaperTitle (Code): Basic Demography (ECNDSE103)	
Allotted Unit No	1
Unit Name	Basics of demography and Sources of demographic data
No. of Class required	10
Detail of the topics to be taught (classes required)	Meaning and subject matter of demography (2); Linkage between economics and demography (1); Sources of demographic data –Population census, Vital registration system, Sample Registration System, Sample surveys- features, advantages and problems (6), Population register (1)
No. of tutorials	2

Allotted Unit No	2
Unit Name	Theories of population
No. of Class required	12
Detail of the topics to be taught (classes required)	Pre-Malthusian view (2), Malthusian theory of population (3), Optimum theory of population (2), Demographic transition theory (3), Marx's theory (2)
No. of tutorials	3
Allotted Unit No	3
Unit Name	Components of population change
No. of Class required	20
Detail of the topics to be taught (classes required)	<p>Fertility: Basic concepts of fertility(1); Fertility Theories: Social Capillarity theory, Theory of change and response, Theory of diffusion (2); Economic Theories of fertility - Cost-benefit theory, Theory of micro-consumption, Easterlin Hypothesis (2); Biological theories of Spencer, Sadler and Doubleday (1), Basic measures of fertility: Crude birth rate, General fertility rate, Age-specific fertility rate, Total fertility rate (2).</p> <p>Mortality – Basic concepts, Mortality variables (1), Basic measures of mortality: Crude death rate, Infant mortality rate, Maternal mortality rate (1); Health outcomes and their relationship with economic performance (1).</p> <p>Migration – Basic concepts (1), Theories of migration: The Push-pull hypothesis, Lee's theory, Petersen's typology, Ravenstein's laws of migration , Stouffer's theory of intervening opportunities, Zipf's Gravity Model, Harris-Todaro model, Sjaastad's human capital model of migration(8).</p>

No. of tutorials	3
Allotted Unit No	4
Unit Name	Population Growth and projection
No. of Class required	10
Detail of the topics to be taught (classes required)	Population, Development and environment linkages (1); Population growth rates – inter-censual, arithmetic, geometric and exponential growth rates (2); Concepts of population projections; Population estimates, forecasts and projection (2); Uses of population projection, Economic importance of projection; (1) Methods of population projections (1); Methods of rural-urban and sub-national population projections (2); Population policy-meaning and importance (1).
No. of tutorials	3

Course: M. A
3rd Semester

PaperTitle (Code): International Economics (ECNCC301)	
Allotted Unit No	3
Unit Name	Trade policy
No. of Class required	16
Detail of the topics to be taught (classes required)	Economic and non-economic arguments for protection (1) Partial equilibrium effects of an import tariff (2) General equilibrium effects of an import tariff (2) Optimum tariff (1) Non-tariff barriers (2) Effects of import quota (2) Quota versus tariff for a large and small nation (2) Economic integration – theory of Customs Union (1) Optimum Currency Area (1) WTO and international trade (2)
No. of tutorials	2

PaperTitle (Code): Economics of Growth and Development - I (ECNCC302)	
Allotted Unit No	2
Unit Name	Measuring Development
No. of Class required	12
Detail of the topics to be taught (classes required)	Measurement of development: Conventional, HDI, GDI, MPI and other quality of life indices (5) Broadening of development economics: Basic needs, capabilities and human development (2) Capabilities and Development: From economic development to human development (2) Growth-development divergence (2) Development as freedom (1)
No. of tutorials	2

Allotted Unit No	5
Unit Name	Population Growth and the Constraint of Natural Resources
No. of Class required	12
Detail of the topics to be taught (classes required)	World Population Growth through History (1) Demographic Transition (1) Economic theories of population growth: Malthus model (1) Optimum theory of population (1) The microeconomic theory of household (1) Theories of resource constraint on Economic growth: Malthus to the Club of Rome (1) The Ricardo model and the dual economy model (1) Ways to break the natural resource constraints: Harris Todaro Model of Urban Migration (1) Interrelation between population, development and environment (1) Sustainable development (1) Population as 'Limits to Growth' and as 'Ultimate Source' (2)
No. of tutorials	4
PaperTitle (Code): Data Collection and Analysis for Social Science Research (ECNAEC301)	
Allotted Unit No	1
Unit Name	Methods of Data Collection
No. of Class required	12
Detail of the topics to be taught (classes required)	Primary and Secondary Data: Meanings (1) Collection of Primary data: Observation Method (2) Interview Method (2) Questionnaire (2) Schedules (2) Characteristics of Secondary Data (2) Census and Sampling (1)
No. of tutorials	2

A. Dutta

Signature of the Faculty Member

GARGAON COLLEGE
Department of Economics

TEACHING PLAN

Session: Even semester
2024

Subject: ECONOMICS

Name of the Teacher: Ankika Dutta

Methods to be applied: Lecture and presentation method along with interaction and discussion.

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

Course: B. A.

PaperTitle (Code): Introductory Macroeconomics : ECOC2 - Major [FOUR YEAR UNDERGRADUATE PROGRAMMES (FYUGP)]	
Allotted Unit No	3
Unit Name	Introduction to Aggregate Demand and Aggregate Supply
No. of Class required	10
Detail of the topics to be taught (classes required)	Concept of aggregate demand, Components and determinants of aggregate demand –consumption, government spending, firms consumption, and net exports (2) Consumption function – MPC and APC (1) Saving – determinants of saving – MPS and APS (1) Investment – determinants of investment demand; investment function; (2) Concept of Aggregate supply (2) Determinants of aggregate supply; Factors shifting aggregate supply (2)
No. of tutorials	3
PaperTitle (Code): Elementary Macroeconomics : MINECO2 - Minor [FOUR YEAR UNDERGRADUATE PROGRAMMES (FYUGP)]	
Allotted Unit No	3
Unit Name	Introduction to Aggregate Demand and Aggregate Supply
No. of Class required	10
Detail of the topics to be taught (classes required)	Concept of aggregate demand, Components and determinants of aggregate demand –consumption, government spending, firms consumption, and net exports (2) Consumption function – MPC and APC (1) Saving – determinants of saving – MPS and APS (1) Investment – determinants of investment demand; investment function; (2)

	Concept of Aggregate supply (2) Determinants of aggregate supply; Factors shifting aggregate supply (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
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 hypothesis (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): Development Economics-II (ECNHC602)	
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

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Course: M. A
2nd Semester

PaperTitle (Code): Demographic Analysis (ECNDSE201)	
Allotted Unit No	1
Unit Name	Fertility
No. of Class required	16
Detail of the topics to be taught (classes required)	Basic concepts of fertility (1), Intermediate variables (2), Proximate determinants of fertility (2), Socio-economic determinants of proximate variables (1); Importance of fertility studies (1); Measures of fertility – Crude Birth Rate, General Fertility Rate, Age-specific Fertility Rate, Total Fertility Rate, Gross Reproduction Rate, Net Reproduction Rate, Order Specific Fertility Rate, Marital Fertility Rate, Child Woman Ratio, Standardized Birth Rate, Completed fertility rate (8) Coale’s fertility indices (1)
No. of tutorials	2

Allotted Unit No	2
Unit Name	Mortality
No. of Class required	16
Detail of the topics to be taught (classes required)	Mortality – Basic concepts, Need and importance of mortality study; (2) Measures of mortality – Crude Death Rate, Age-specific Death Rate, Infant Mortality Rate, Neo natal Mortality Rate, Post Neo Natal Mortality Rate, Cause Specific Death Rate, Maternal Mortality Rate, Monthly Death Rate, Fetal wastage-Fetal death rate, Perinatal Mortality Rate; (9) Standardized death rate - Direct and indirect standardization; (2) Life table – types of life tables, uses of life table and its construction (3)
No. of tutorials	3

Allotted Unit No	3
Unit Name	Migration and Urbanization
No. of Class required	16
Detail of the topics to be taught (classes required)	<p>Basic concepts, (1) Problems of measuring migration, (1) Factors affecting migration, (1) Pushpull hypothesis, (1) Consequences of migration on both places; (1) Migration rates and ratios; (2) Estimation of migration – Direct estimation of migration, (2) Indirect measures of migration – Vital statistics method, National growth rate method, Survival ratio method; (3) Urbanization – Definition of an urban area, Measures of urbanization, (2) Concentration and dispersion in urban area.(2)</p>
No. of tutorials	3
Allotted Unit No	4
Unit Name	Quality of demographic data
No. of Class required	16
Detail of the topics to be taught (classes required)	<p>Sources of demographic data; (2) Errors and omissions in demographic data, (2) Sources of errors, (2) Post-enumeration surveys, (1) Dual Record System, (1) Techniques of evaluation of age data - Whipple's index, Myers' Blended index, Digit preference Quotients for birth intervals, UN Joint Score or Accuracy index. (8)</p>
No. of tutorials	2

Course: M. A
4th Semester

PaperTitle (Code): Indian Economy (ECNCC401)	
Allotted Unit No	1
Unit Name	Population and Economic Development
No. of Class required	8
Detail of the topics to be taught (classes required)	Population as a factor of economic development (2) Age and Sex Composition (2) The quality of population (1) Demographic Dividend (1) Occupational Structure- Symptoms of change (1) The problem of poverty and unemployment (1)
No. of tutorials	2

PaperTitle (Code): Economics of Growth and Development - II (ECNCC402)	
Allotted Unit No	2
Unit Name	Market , State and the Community
No. of Class required	12
Detail of the topics to be taught (classes required)	The economic functions of the market and the state- efficiency of the competitive market, market failure, Role of the state; Government failure (3) Choice of economic system (2) Rise and fall of Developmentalist Models (1) Success and failure of the new developmental market economies (2) Resurgence of market liberalism and its consequences (1) From the Washington Consensus to the Post Washington consensus (1) Role of Community in economic development (2)
No. of tutorials	3

Allotted Unit No	3
Unit Name	Factors in The Development Process
No. of Class required	14
Detail of the topics to be taught (classes required)	Importance of agriculture and industry in economic development (2) Technical Progress (2) Choice of techniques and appropriate technology (2) Investment criteria – Elementary idea of cost – benefit analysis (2) Trade and Economic development-Foreign Aid (2) Globalization and LDC's (2) Objectives and role of monetary and fiscal policies in economic development (2)
No. of tutorials	3

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