

## Teaching Plan (August 2024 to June 2025) of Department of Economics, Morigaon College

### Odd Semester (August 2024 to December 2024)

#### 1st Semester (NEP)

#### Introductory Economics (ECO-101)

Faculty Name	Unit	Content	Aims to be Completed	Allotted class	Remarks
Parag Jyoti Mahanta	The Essences of the Economic Problem:	Scarcity and Alternative Usability of Resources, Problem of Choice and Optimization by an Economic Agent. The Notion of Opportunity Cost. Notions of Individual Demand and Supply. Individual Demand Function, Demand Curve and the Law of Demand, Shift of the Demand Curve, The Idea and calculation of Elasticity: Price, Income and Cross Elasticities of Demand and their Significance. Cost of Production and Supply. Elasticity of supply.	01.08.2024 to 25.11.2024	76	Seminar/class test in between or after completion of the units
Dr. Chandan Sharma	Market and Its Role in the Economy	Market and its Different Forms - Perfectly Competitive Market versus Monopoly. Individual Demand to Market Demand, Individual Supply to Market Supply. Price determination in a Competitive Market. Stability of the Competitive Market Equilibrium. Consumers' and Producers' Surplus and Efficiency of the Markets Equilibrium.	01.08.2024 to 25.11.2024	76	
Dr. Budhen Kr Saikia	National Income and its Measurement	From Microeconomics to Macroeconomics. Income (Hicks' Definition), Domestic Income and National Income, GNP and its Measurement, Circular Flow of the Economy, NDP at Factor Cost as Domestic Income. Personal and Disposable Income, Purchasing Power Parity.	01.08.2024 to 30.09.2024	46	

		Concepts of Unemployment, Inflation and Recession Balance of Payment –current and capital accounts			
	Macroeconomic Equilibrium and Income Determination	Idea of Equilibrium as Applied to a Basic Macroeconomy, Ex Post and Ex Ante Savings and Investment,	03.10.2024 to 25.11.2024	30	
Mrinmoyee Baishya	Macroeconomic Equilibrium and Income Determination	Keynes' Approach of Aggregate Effective Demand and Determination of Income, Multiplier Analysis	01.08.2024 to 30.09.2024	46	
	Basic Concepts in Public Finance Operations	Definition of Tax, Direct and Indirect Tax, Tax Rate, Buoyancy and Elasticity of a Tax, Proportionate, Progressive and Regressive Taxation. Government Budget and Its Revenue and Capital Components; Fiscal and Primary Deficits	03.10.2024 to 25.11.2024	30	
			27.11.2024 to 30.11.2024	04	Question paper discussion, remedial classes

#### **Skill Enhancement Course (SEC): Data Collection and Presentation (SEC0102603)**

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Parag Jyoti Mahanta	Questionnaires and Schedules	Meaning; how to prepare a questionnaire and interview schedule	01.08.2024 to 25.11.2024	76	
Dr. Chandan Sharma	Presentation of Data	Data presentation in tabular formats; use of diagrams for data presentation, creating charts and diagrams in MS Excel-bar, line, pie, scatter, radar, bubble diagrams, population pyramids	01.08.2024 to 25.11.2024	76	

Dr. Budhen Kr Saikia	Questionnaires and Schedules	Use of questionnaire and interview schedule for data collection	01.08.2024 to 25.11.2024	76	
Dr. Mrinmoyee Baishya	Use of Data	Use of data in social sciences, types and sources of data, data collection methods, population census versus sample survey, random sampling	01.08.2024 to 25.11.2024	76	
			27.11.2024 to 30.11.2024	04	Question paper discussion, remedial classes

**Multidisciplinary Course (MDC): Mathematical Sciences I (Jointly taught by Economics and Mathematics Departments)**

Faculty Name	Unit	Content	Aims to be Completed	Allotted class	Remarks
Dr.Chandan Sharma	Unit 4	Data Analysis: Arithmetic mean, Geometric mean, Harmonic mean, Median, Mode and their properties, Partition values: Quartiles, Deciles, Percentiles. Graphical location of mode	03.10.2024 to 30.11.2024	39	
Dr. Mrinmoyee Baishya	Unit 3	Historical development of statistics, statistics in everyday life, statistics through observed data, Scope, limitations, importance, and applications of statistics in other fields, roles of computer in statistics. Statistical data: primary and secondary data and methods of their collection. Time series data, qualitative data and quantitative data. Data Representation: Frequency distribution, Graphical representation of frequency distribution Histogram, Frequency polygon, Frequency curve, Ogive	03.10.2024 to 30.11.2024	39	

### 3<sup>rd</sup> Semester (NEP)

#### Intermediate Economics (ECO-201)

Faculty Name	Unit	Content	Aims to be Completed	Allotted class	Remarks
Parag Jyoti Mahanta	Consumer's Behaviour	Consumer's Budget Constraints and Effects of Income and Price Changes on it, Consumer's Preference Ordering and Indifference Curves, Axioms of Preference and Properties of Indifference Curves: Consumer's Optimized Choice; Income and Substitution Effects, Derivation of Demand Theorem. Normal and Inferior Goods and the Giffen Paradox	01.08.2024 to 25.11.2024	76	Seminar/class test in between or after completion of the units
Dr. Chandan Sharma	Firm's Revenue and Equilibrium	Total, Average and Marginal Revenue of a Firm under Perfect Competition and Monopoly, Equilibrium of a Profit Maximizing Firm under Perfect Competition and Monopoly. Need for Regulation of Monopoly	01.08.2024 to 30.09.2024	76	
	Elements of International Trade Theory	Autarky versus Trade, Absolute and Comparative cost, Gains from Trade	03.10.2024 to 25.11.2024		
Dr. Budhen Kr Saikia	Money, Interest, Income	Definition and Functions of Money, Classical Theory of Full Employment Equilibrium, Quantity Theory of Money Keynes' Critique of the Classical Theory, Liquidity Preference and the Rate of Interest, Keynesian Income Determination Model with Rate of Interest	01.08.2024 to 30.09.2024	46	
	Credit Creation, Money Supply and Inflation	Banking System and Credit Creation Process; Money Supply	03.10.2024 to 25.11.2024	30	

Dr.Mrinmoyee Baishya	Theory of Production and Cost	Total, Average and Marginal Product of a Single Variable Factor; Production Function with Two Variable Factors, Isoquant, Marginal Rate of Technical Substitution and Elasticity of Substitution; Homogeneity of Production Function and Returns to Scale, The Least Cost Factor Combination, Expansion path, cost curves- Short and Long-run.	01.08.2024 to 30.09.2024	46	
	Credit Creation, Money Supply and Inflation	Inflation: Demand-pulled and cost-pushed, Effects on production and distribution; Central Bank's Tools of Monetary Control	03.10.2024 to 25.11.2024	30	
			27.11.2024 to 30.11.2024	04	Question paper discussion, remedial classes

### SEC: Data Analysis in Social Sciences (SEC0301003)

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Parag Jyoti Mahanta	Data Analysis	Introduction, Data Sources, Types of data- Primary and Secondary data, Quantitative data (discrete and continuous), Categorical data (nominal, ordinal), Time series and Cross section data	01.08.2024 to 07.11.2024	70	
Dr. Chandan Sharma	An Overview of Research	Definition of a survey, Types of survey, basics of research method	01.08.2024 to 07.11.2024	70	

	Application	Hands on analysis of real data set using computer software MS Excel, visualizing data with graph and charts, interpreting statistical output, drawing conclusions, report preparation			
Dr. Mrinmoyee Baishya	Application	Hands on analysis of real data set using computer software MS Excel, visualizing data with graph and charts, interpreting statistical output, drawing conclusions, report preparation	16.08.2024 to 07.11.2024	70	
	Bivariate Statistics	Correlation, Types, Coeffecient correlation, Rank correlation, Simple linear regression analysis, Regression equations			

**N.B. Field trip and project to be undertaken within November 2023**

## 5th Semester

### ECO-HC-5016: INDIAN ECONOMY-I

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Parag Jyoti Mahanta	Economic Development since Independence	Major features of the economy at independence; growth and development under different policy regimes—goals, constraints, institutions and policy framework; an assessment of performance sustainability and regional contrasts; structural change, savings and investment	01.08.2024 to 27.08.2024	22	Seminar/class test in between or after completion of the units
	Population and Human	Demographic trends and issues; education; health and malnutrition.	30.08.2024 to 17.09.2024	16	

	Development				
	Growth and Distribution	Trends and policies in poverty; inequality and unemployment	19.08.2024 to 17.10.2024	18	
	International Comparisons	With China, Pakistan, Bangladesh, SriLanka, Nepal and Vietnam	19.10.2024 to 10.11.2024	16	
			11.11.2024 to 15.11.2024	05	Question paper discussion, remedial classes

### **ECO-HC-5026: DEVELOPMENT ECONOMICS-I**

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Dr. Budhen Kumar Saikia	Conceptions of Development	Alternative measures of development, documenting the international variation in these measures, comparing development trajectories across nations and within them.	01.08.2024 to 27.08.2024	23	
	Growth Models and Empirics	The Harrod-Domar model, the Solow model and its variants, endogenous growth models and evidence on the determinants of growth.	30.08.2024 to 17.09.2024	16	
	Poverty and Inequality: Definitions, Measures and Mechanisms	Inequality axioms; a comparison of commonly used inequality measures; connections between inequality and development; poverty measurement; characteristics of the poor; mechanisms that generate poverty traps and path dependence of growth processes.	19.08.2024 to 17.10.2024	18	
	Political Institutions and the Functioning of the State	The determinants of democracy; alternative institutional trajectories and their relationship with economic performance; within-country differences in the functioning of state	19.10.2024 to 10.11.2024	16	Seminar/class test in between or after completion of

		institutions; state ownership and regulation; government failures and corruption.			the units
			11.11.2024 to 15.11.2024	05	Question paper discussion, remedial classes

### **ECO-HE-5026: MONEY AND FINANCIAL MARKETS**

<b>Faculty Name</b>	<b>Unit</b>	<b>Content</b>	<b>Aims to be Completed</b>	<b>Class allotted</b>	<b>Remarks</b>
Dr. Chandan Sharma	Money	Concept, functions of money; concept of money supply and its measurement; money multiplier theory, RBI's approach to money supply.	01.08.2024 to 27.08.2024	23	
	Financial Institutions, Markets, Instruments and Financial Innovations	Meaning and types of financial institutions, nature and role of financial institutions; financial markets: definitions and types-money market and capital market, their characteristics and functions, call money market, treasury bill market, commercial bill market including commercial paper and certificates of deposits, government securities market, primary and secondary market for securities, financial sector reforms in India, financial derivatives –meaning, types ,distinctive features of financial derivatives and its benefits.	30.08.2024 to 17.09.2024	16	Seminar/class test in between or after completion of the units
	Interest Rates	Determination; sources of interest rate	19.08.2024 to	18	

		differentials; theories of term structure of interest rates; interest rates in India.	17.10.2024		
	Banking System	Meaning and types; Functions of Commercial banks, process of credit creation and its limitations, Balance sheet of Commercial banks, portfolio management-meaning and objective of portfolio management, theories of portfolio management; banking sector reforms in India.	19.10.2024 to 10.11.2024	16	
			11.11.2024 to 15.11.2024	05	Question paper discussion, remedial classes

#### ECO-HE-5036: PUBLIC FINANCE

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Minmoyee Baishya	Part 1: Theory	<p>1. Normative Theory of Public Finance –Nature and Scope: Allocation Function, Distribution Function and Stabilization Function. Coordinating the functions.</p> <p>2. Public Goods and their characteristics. Free Rider Problem and Market Failure, Externalities vis- à-vis Public Good.</p> <p>3. Direct and Indirect Tax. Concepts of taxation: tax rate, buoyancy &amp; elasticity of a tax. Proportional, Progressive and Regressive Taxation. Benefit Principle and Ability to Pay</p>	01.08.2024 to 21.09.2024	36	Seminar/class test in between or after completion of the units

		Theory.			
	Part 2: Issues from Indian Public Finance	<p>4. Fiscal Policies: Definition and Objectives. Instruments of Fiscal Policy. Adopting Monetary Policy to complement Fiscal Policy: The Indian Experience.</p> <p>5. Indian Tax System. Direct Taxes: Income Tax, Corporate Tax, Customs Duty etc. Reforms in the Indirect Tax Structure: Goods and Service Tax.</p> <p>6. Structure of the Public Budget. Types of Deficits and their significance: Revenue Deficit, Fiscal Deficit and Primary Deficit</p> <p>7. Fiscal Federalism in India: Principles of Fiscal Devolution, Horizontal and Vertical Fiscal Balance. Federal Finance and the Finance Commission.</p> <p>8. State and Local Finances. The State Subjects and its Budget. Fiscal decentralization: Role of Municipalities and Gaon Panchayats.</p>	22.09.2024 to 10.11.2024	30	
			11.11.2024 to 15.11.2024	04	Question paper discussion, remedial classes

**N.B. Sessional Exams to be held in October 2024 (tentative)**

**Even Semester (January 2025 to June 2025)****2nd Semester (NEP)****Basic Elements of Economics (ECO-151)**

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Parag Jyoti Mahanata	Basic features of Indian economy	Trend of national and per capita income, Sector-wise composition of GDP, Basic demographic features – age, sex composition, density, urbanization, Labour force and Work force and Participation rate , Unemployment, Occupational Pattern, Demographic Dividend.	20.01.2025 to 11.05.2025	78	Seminar/class test in between or after completion of the units
Dr. Chandan Sharma	Measures of Central Tendency	Mean: Arithmetic mean (simple and weighted), Geometric mean, Harmonic mean, Median, Mode. Measures of Dispersion: Range, Inter-quartile deviation, mean deviation, standard deviation, Variance.	20.01.2025 to 11.05.2025	45	
	Index Number	Meaning and Types, Construction, uses and limitations of index numbers, Cost of Living Index Numbers. Consumer Price Index Numbers for Agricultural Labourers in India, Consumer Price Index Numbers for Industrial Workers in India (concept only)	27.03.2025 to 11.05.2025	33	
Dr. Budhen Saikia	Economic growth and development	Per Capita Income (PCI) as a measure of development, International comparison of PCI and role of Purchasing Power Parity (PPP). Human	20.01.2025 to 11.05.2025	78	

		Development Index (HDI), Concept of Sustainable development.			
Dr. Mrinmoyee Baishya	Basics of data collection	Primary and Secondary, Census versus Sample Survey, Distinction between population and sample, Distinction between population parameters and sample statistics, Principal steps in a sample survey, Methods of sampling - random, stratified, multi-stage and systematic random sampling.	20.01.2025 to 23.03.2025	45	Question paper discussion, remedial classes in between the course
	Financial System and its functions	Formal and informal financial system, Components of a financial system and their interdependence, Relationship between financial system and economic growth	27.03.2025 to 11.05.2025	33	

### **Skill Enhancement Course (SEC): Statistical Techniques for Research (SEC0210503)**

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Dr. Chandan Sharma	Measures of Central Tendency	Mean, Median, Mode. Comparison of Mean, Median and Mode	20.01.2025 to 10.02.2025	12	
	Measures of Dispersion	Range, Quartile Deviation, Mean Deviation, Standard Deviation, Lorenz Curve	12.02.2025 to 16.03.2025	30	

Dr. Mrinmoyee Baishya	Overview of Statistics	Population and Sample. What is Statistics? Why study statistics? Variables and types of variables. Different measurement scales	20.01.2025 to 24.02.2025	25	
	Measures of Relationship	Covariance. Karl Pearson's Coefficient of Correlation. Rank Correlation. Regression analysis	27.02.2025 to 13.04.2025	40	
	Unit 5	Assignment/ Project Work	17.04.2025 to 20.04.2025	04	

**MDC: Foundations of Mathematical Sciences II (Jointly taught with Mathematics Department)**

Faculty Name	Unit	Content	Aims to be Completed	Allotted class	Remarks
Dr.Chandan Sharma	Measures of Dispersion	Range, Inter-quartile range, Quartile deviation, Mean deviation, Standard deviation, Coefficient of variation, Ideal measures of dispersion, idea of skewness and kurtosis (Without moments). Idea of moment and moment generating function	01.04.2025 to 05.05.2025	50	
Dr. Mrinmoyee Baishya	Bivariate Distribution	Scalier diagram, Correlation and regression, Karl Pearson's correlation coefficient and its properties, Two regression lines (without derivation), principle of least squares and fitting of polynomials, Relation between correlation coefficient and regression coefficients	01.04.2025 to 05.05.2025	50	

**4<sup>th</sup> Semester (NEP)**

**ECO-251: Advanced Microeconomics (ECO-251)**

<b>Faculty Name</b>	<b>Unit</b>	<b>Content</b>	<b>Aims to be Completed</b>	<b>Class allotted</b>	<b>Remarks</b>
Parag Jyoti Mahanta	Input Markets	Labour and land markets - basic concepts (derived demand, productivity of an input, marginal productivity of labour, marginal revenue product); demand for labour; input demand curves; shifts in input demand curves; competitive labour markets; and labour markets and public policy. Factors share & Technical progress- Backward bending supply curve of Labor.	20.01.2025 to 11.02.2025	20	Seminar/class test in between or after completion of the units
	Theory of Production and Cost	Forms of Production Function; Cobb-Douglas, CES and Fixed coefficient Type – the Ideas of Partial and Total Factor Productivity– Derivation of Cost Function from Production Function – Multi-product Firm: production Efficiency Locus, Production Possibility Frontier.	12.02.2025 to 06.03.2025	20	
	Consumer Theory and Information Economics	A review of Indifference Curve, Violation of premises of Indifference curve approach, Revealed Preference Theory. Inter-temporal choice, Choice under risk-Expected Return, variability and Expected utility hypothesis- Asymmetric information- Adverse Selection and Moral Hazard	07.03.2025 to 05.04.2025	23	
	Market Structure and Game Theory	Monopoly, Pricing with Market Power; Degree of Monopoly, Price Discrimination- Different Degrees; Multi-plant Monopoly. Monopolistic competition: Product Differentiation, Perceived and Proportionate Demand Curves, Price-Output Determination. Oligopoly and Game Theory (Two Person Zero Sum Game, Basic ideas and examples of non-	07.04.2025 to 03.05.2025	20	

		zero-sum games, Prisoner's Dilemma), Applications of Game Theory in Oligopolistic Markets (Cournot Equilibrium).			
	General Equilibrium and Welfare Economics	Partial versus General Equilibrium Approaches- Walrasian General Equilibrium System. Pareto optimality, Kaldor-Hicks compensation criteria, Social Welfare Function, Fundamental Theorems of Welfare Economics, Arrow's Impossibility Theorem.	05.05.2025 to 05.06.2025	27	Question paper discussion, remedial classes in between the course

### Advanced Macroeconomics (ECO-252)

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Dr. Budhen Kr. Saikia	Consumption Function	Average and Marginal Propensity to Consume; Factors influencing Consumption spending; Keynesian consumption function; An Overview of Post Keynesian theories of consumption: absolute income, relative income, permanent income & life cycle hypothesis.	20.01.2025 to 11.02.2025	20	Seminar/class test in between or after completion of the units
	Investment Function	Types of investment- Autonomous and Induced, residential investment and inventory investment; determinants of business fixed investment; marginal efficiency of capital, marginal efficiency of investment; Accelerator theory of Investment; Multiplier-Accelerator interaction.	12.02.2025 to 06.03.2025	20	
	Macro-Economic Modeling	IS-LM model and policy analysis, Income determination in an open economy; Mundell-Fleming model; Exchange rate and its determination; Purchasing power parity; Demand-	07.03.2025 to 05.04.2025	23	

		Supply and Balance of Payments theory.			
	Inflation, Unemployment and Expectations	Inflation-unemployment trade off and Phillips curve; Adaptive and Rational expectations; policy ineffectiveness debate	07.04.2025 to 09.05.2025	26	
	Economic Growth	Harrod- Domar model; Solow model; Technological progress and elements of endogenous growth.	10.05.2025 to 05.06.2025	22	Question paper discussion, remedial classes in between the course

### **ECO-253: Introductory Quantitative Techniques for Economics (ECO-253)**

<b>Faculty Name</b>	<b>Unit</b>	<b>Content</b>	<b>Aims to be Completed</b>	<b>Class allotted</b>	<b>Remarks</b>
	Preliminaries of Mathematics	Constants and Variables, Number system, Sets and set operations, Ordered pairs and Cartesian products, relations and functions, Types of functions: quadratic, polynomial, power, exponential, logarithmic, Limit and Continuity of a Function.	20.01.2025 to 08.02.2025	18	
	Differential Calculus	Differentiation of a function, Basic rules of differentiation, partial and total differentiation, second and higher order derivatives for single variable, economic applications of differentiation	10.02.2025 to 28.02.2025	16	
	Integration of Functions	Meaning and significance of integration, basic rules of integration, significance of a constant after integration, applications: derivations of total functions (total cost, total revenue, consumption and saving functions) from marginal functions, Definite integral and its application-consumer's surplus and	01.03.2025 to 26.03.2025	20	Seminar/class test in between or after completion of the units

		producer's surplus			
	Single Variable Optimization	Local and global optima: geometric characterization, characterization using calculus: tests for maximization and minimization, applications: profit maximization, cost minimization, revenue maximization.	27.03.2025 to 19.04.2025	17	
	Correlation Analysis	Correlation, Coefficient of linear correlation, Properties of Correlation coefficient, Rank Correlation, Partial Correlation, Multiple Correlation.	21.04.2025 to 17.05.2025	23	
	Regression Analysis	Regression: Concept, Difference with Correlation Analysis, Properties, Estimation of regression line in a bivariate distribution-Least squares method, properties of regression coefficients.	19.05.2025 to 10.06.2024	18	Question paper discussion, remedial classes in between the course

### ECO-254: Public Finance

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Dr. Minmoyee Baishya	Meaning, Scope and Nature	Public Finance and its nature. Objectives of Fiscal Intervention: Allocation, Distribution and Stabilization. Parameters for policy evaluation: Equity, Efficiency, Paternalism	20.01.2025 to 08.02.2025	18	
	Market Failure and Public Intervention	Public Goods and the Free Rider Problem. Externalities: inefficiencies and corrections, property rights, Coase theorem	10.02.2025 to 28.02.2025	16	

	Taxation	Principles of taxation: Benefit vs Ability. Shifting and Incidence of tax. Economic effects, dead weight loss and distortion. Efficiency and equity considerations.	01.03.2025 to 26.03.2025	20	Seminar/class test in between or after completion of the units
	Public Expenditure	Principles of Expenditure Analysis, Fixed Quantity Subsidy for Marketed goods: overconsumption and under consumption. Excise Subsidy: Allocative and Distributive Effect. Public Investment and Social Cost-Benefit Analysis	27.03.2025 to 19.04.2025	17	
	Public Debt and Budgeting	Sources of Public Debt and its redemption. Burden of Public Debt. Strategies of Debt Management. Budgeting: Incremental vs Zero-based budgeting. Outcome Budget.	21.04.2025 to 17.05.2025	23	
	Fiscal Policy and Federal Finance	Objectives and Strategies, Compensatory fiscal policy, pump priming, functional finance. Balanced Budget Multiplier. Fiscal Federalism: Vertical and Horizontal Equity, Inter-governmental Transfers. Finance Commission of India.	19.05.2025 to 10.06.2024	18	Question paper discussion, remedial classes in between the course

**6<sup>th</sup> Semester****ECO-HC-6016: INDIAN ECONOMY-II**

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Parag Jyoti Mahanta	Macroeconomic Policies and Their Impact	Fiscal Policy; trade and investment policy; financial and monetary policies; labour regulation.	20.01.2025 to 16.02.2025	20	Seminar/class test in between or after completion of the units
	Policies and Performance in Agriculture	Growth; productivity; agrarian structure and technology; capital formation; trade; pricing and procurement	17.02.2025 to 09.03.2025	17	
	Policies and Performance in Industry	Growth; productivity; diversification; small scale industries; public sector; competition policy; foreign investment.	11.03.2025 to 30.03.2025	18	
	Trends and Performance in Services		01.04.2025 to 10.05.2025	28	Question paper discussion, remedial classes in between

## ECO-HC-6026: DEVELOPMENT ECONOMICS-II

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Dr. Budhen Saikia	Demography and Development	Demographic concepts; birth and death rates, age structure, fertility and mortality; demographic transitions during the process of development; gender bias in preferences and outcomes and evidence on unequal treatment within households; connections between income, mortality, fertility choices and human capital accumulation; migration.	22.01.2025 to 17.02.2025	21	Seminar/class test in between or after completion of the units
	Land, Labor and Credit Markets	The distribution of land ownership; land reform and its effects on productivity; contractual relationships between tenants and landlords; land acquisition; nutrition and labor productivity; informational problems and credit contracts; microfinance; inter-linkages between rural factor markets.	19.02.2025 to 09.03.2025	12	
	Individuals, Communities and Collective Outcomes	Individual behavior in social environments, multiple social equilibria; governance in organizations and in communities; individual responses to organizational inefficiency.	11.03.2025 to 30.03.2025	16	
	Environment and Sustainable Development	Defining sustainability for renewable resources; a brief history of environmental change; common-pool resources; environmental externalities and state regulation of the environment; economic activity and climate change.	01.04.2025 to 20.04.2025	14	Question paper discussion, remedial classes in between

	Globalization	Globalization in historical perspective; the economics and politics of multilateral agreements; trade, production patterns and world inequality; financial instability in a globalized world.	22.04.2025 to 10.05.2025	14	
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### ECO-HE-6016: ENVIRONMENTAL ECONOMICS

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Mrinmoyee Baishya	Introduction	Basic concepts: Environment, Ecology, Economy and the ecosystem. Definition and scope of environmental economics, why study environmental economics. Interaction between the environment and the economy, environmental economics and ecological economics, environmental economics and resource economics. Review of microeconomics and welfare economics: the utility function, social choice mechanism, the compensation Principle and social welfare function (concepts only).	22.01.2025 to 02.02.2025	12	Seminar/class test in between or after completion of the units
	The Theory of Externalities	Pareto optimality or Pareto efficiency, Externalities: meaning and types of externality, market failure: meaning, market failure in the presence of externalities; market failure and public goods, is environment a public good? Property rights and the coase theorem.	03.02.2025 to 14.02.2025	10	

	The Design and Implementation of Environmental Policy	Environmental Policies: an overview; Nonmarket and market based instruments of Environmental Policy: command and control (CAC) approach, economic instruments like pigovian taxes and effluent fees, tradable permits and mixed instruments. Monitoring and Enforcement: What is monitoring and enforcement? Penalties, cost of abatement. Damages from pollution. Incentives to sources to comply with environmental regulations.	15.02.2025 to 04.03.2025	15	Question paper discussion, remedial classes in between
	International Environmental Problems	Nature of environmental problems: transboundary pollution –Climate change, global warming, ozone depletion and biodiversity loss; Trade and environment: pollution haven hypothesis.	06.03.2025 to 18.03.2025	10	
	Measuring the Benefits of Environmental Improvements	Non-Market values: use and non-use values and optional value, measurement methods: Direct method-contingent valuation and indirect method-hedonic pricing methods, value of statistical life; their applications and limitations.	20.03.2025 to 10.04.2025	12	
	Sustainable Development	Conventional development model: a critique, Alternative approach: Sustainable Development and its origin, objectives of Sustainable Development, Approaches to Sustainable Development: weak sustainability, strong sustainability, Safe minimum standard approach, ecological perspective and social perspective, Rules and indicators of Sustainable Development.	16.04.2025 to 11.05.2025	20	

## ECO-HE-6026: INTERNATIONAL ECONOMICS

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Dr. Chandan Sharma	Introduction	What is international economics about?, subject matter of International Economics, An overview of world trade- its changing pattern.	22.01.2025 to 16.02.2025	20	Seminar/class test in between or after completion of the units
	Theories of International Trade	The Ricardian theory- comparative advantage, Heckscher-Ohlin model, specific factors model, new trade theories- Leontief Paradox, factor-intensity reversal, international trade in the context of economies of scale and imperfect competition, technological gap and product cycle theories; the Locational theory of international trade; multinational enterprises and international trade.	17.02.2025 to 09.03.2025	17	Question paper discussion, remedial classes in between
	Trade Policy	Instruments of trade policy- tariff and quota- partial equilibrium analysis; political economy of trade policy- free trade vs. protection; controversies in trade policy.	11.03.2025 to 30.03.2025	18	
	International Macroeconomic Policy	Fixed versus flexible exchange rates; international monetary systems- Gold Standard, interwar period, Bretton-Woods system, European Monetary system; financial globalization and financial crises.	01.04.2025 to 10.05.2025	28	

**N.B. Sessional Exam to be held within April 2025 (tentative)**