Teaching Plan of Department of Economics, Morigaon College

Odd Semester (October 2021 to February 2022)

1st Semester

ECO-HC-1016: Introductory Microeconomics

Faculty Name	Unit	Content	Aims to be Completed	Allotted class	Remarks
Dr. Budhen Saikia	Exploring the subject matter of Economics	Why study economics? Scope and method of economics; the economic problem: scarcity and choice; the question of what to produce, how to produce and how to distribute output; science of economics; the basic competitive model; prices, property rights and profits; incentives and information; rationing; opportunity sets; economic systems; reading and working with graphs.	01.10.2021 to 3.11.2021	19	25.10.2021 class test
	Imperfect Market Structure	Monopoly and anti-trust policy; government policies towards competition; imperfect competition.	08.11.2021 to 11.12.2021	24	
	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.	13.12.2021 to 08.01.2022	23	20.12.2021 class test
Mrinmoyee Baishya	Supply and Demand: How Markets Work, Markets and Welfare	Markets and competition; determinants of individual demand/supply; demand/supply schedule and demand/supply curve; market versus individual demand/supply; shifts in the demand/supply curve, demand and supply together; how prices allocate resources; elasticity	01.10.2021 to 13.11.2021	24	22.10.2021 class test

		and its application; controls on prices; taxes and the costs of taxation; consumer surplus; producer surplus and the efficiency of the markets.			
	The Households	The consumption decision - budget constraint, consumption and income/price changes, demand for all other goods and price changes; description of preferences (representing preferences with indifference curves); properties of indifference curves; consumer's optimum choice; income and substitution effects; labour supply and savings decision - choice between leisure and consumption.	15.11.2021 to 20.12.2021	28	
	The Firm and Perfect Market Structure	Behaviour of profit maximizing firms and the production process; short run costs and output decisions; costs and output in the long run.	21.12.2021 to 12.01.2022	20	28.12.2021 class test
			18.01.2022 to 12.02.2022	18	Question paper discussion, remedial classes

ECO-HC-1026: MATHEMATICAL METHODS IN ECONOMICS–I

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Parag Jyoti Mahanta	Preliminaries	Sets and set operations, relations and functions, number system	01.10.2021 to 17.11.2021	27	23.10.2021 class test
	Functions of one real variable	Elementary types of functions: quadratic, polynomial, power, exponential, logarithmic, convex, quasi-convex and concave functions, limit and continuity of functions	20.11.2021 to 22.12.2021	25	
	Single variable optimization	. Local and global optima: geometric characterization, characterization using calculus:	23.12.2021 to	17	27.12.2021 class test

Faculty Name	Unit	Content	Aims to be Completed	Allotted class	Remarks
		tests for maximization and minimization, applications: profit maximization, cost minimization, revenue maximization	12.01.2022		
Dr. Chandan Sharma	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	01.10.2021 to 04.12.2021	38	12.11.2021 class test
	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, consumer's surplus and producer's surplus, problems relating to investment and capital formation	06.12.2021 to 29.01.2022	40	
			18.01.2022 to 12.02.2022	18	Question paper discussion, remedial classes

ECO-HG-1016: Principles of Microeconomics–I

Faculty Name	Unit	Content	Aims to be Completed	Allotted class	Remarks
Dr.Chandan Sharma	.Introduction	a. Problem of scarcity and choice: scarcity, choice and opportunity cost; production possibility frontier; economic systems. b. Demand and supply: law of demand, determinants of demand, shifts of demand versus movements along a demand curve, market demand, law of supply, determinants of supply, shifts of supply versus movements along a supply curve, market supply, market equilibrium.	01.10.2021 to 29.01.2022	20	

		c. Applications of demand and supply: price rationing, price floors, consumer surplus, producer surplus. d. Elasticity: price elasticity of demand, calculating elasticity, determinants of price elasticity, other elasticities.			
Dr. Budhen Saikia	Consumer Theory	Budget constraint, concept of utility, diminishing marginal utility, Diamond-water paradox, income and substitution effects; consumer choice: indifference curves, derivation of demand curve from indifference curve and budget constraint.	01.10.2021 to 29.01.2022	20	
Mrinmoyee Baishya	Production and Costs	a. Production: behavior of profit maximizing firms, production process, production functions, law of variable proportions, choice of technology, isoquant and isocost lines, cost minimizing equilibrium condition. B Costs: costs in the short run, costs in the long run, revenue and profit maximizations, minimizing losses, short run industry supply curve, economies and diseconomies of scale, long run adjustments.	01.10.2021 to 29.01.2022	20	01.12.2021class test
Parag Jyoti Mahanta	Perfect Competition	a. Assumptions: theory of a firm under perfect competition, demand and revenue; equilibrium of the firm in the short run and long run; long run industry supply curve: increasing, decreasing and constant cost industries. b. Welfare: allocative efficiency under perfect competition.	01.10.2021 to 29.01.2022	20	
			01.02.2022 to 12.02.2022	10	Question paper discussion, remedial classes

3rd Semester

ECO-HC-3016: INTERMEDIATE MICROECONOMICS - I

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Parag Jyoti Mahanta	ConsumerTheory	Preference; utility; budget constraint; choice; demand; Slutsky equation; buying and selling; choice under risk and inter-temporal choice; revealed preference.	1.10.2021 to 15.12.2021	47	11.11.2021 class tested
	Production, Costs and PerfectCompetition	Technology; isoquants; production with one and more variable inputs; returns to scale; short run and long run costs; cost curves in the short run and long run; review of perfect competition.	16.12.2021 to 29.01.2022	32	20.12.2021
			01.02.2022 to 12.02.2022	10	Question paper discussion, remedial classes

ECO-HC-3026: INTERMEDIATE MACROECONOMICS - I

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Dr. Budhen Saikia	Aggregate Demand and Aggregate Supply Curves	Derivation of aggregate demand and aggregate and supply curves; interaction of aggregate demand and supply.	01.10.2021 to 03.11.2021	19	
	Inflation,	Phillips curve; adaptive and rational	08.11.2021 to	29	22.11.2021

	Unemployment andExpectations	expectations; policy ineffectiveness debate.	15.12.2021		seminar
	Open Economy Models	Short-run open economy models; Mundell-Fleming model; exchange rate determination; purchasing power parity; asset market approach; Dornbusch's overshooting model; monetary approach to balance of payments; international financial markets.	16.12.2021 to 29.01.2022	32	
			01.02.2021 to 12.02.2022	10	Question paper discussion, remedial classes

ECO-HC-3036: STATISTICAL METHODS FOR ECONOMICS

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Dr. Chandan Sharma	Introduction and Overview	The distinction between populations and samples and between population parameters and sample statistics; the use of measures of location and variation to describe and summarize data; moments – basic concepts and types.	01.10.2021 to 03.11.2021	19	25.10.2021 class test
	Random Variables and Probability Distributions	Defining random variables; probability distributions; expected values of random variables and of functions of random variables; properties of commonly used discrete and continuous distributions (uniform, binomial, poisson and normal random variables).	08.11.2021 to 15.12.2021	29	

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
	Random Sampling and Jointly Distributed Random Variables	Density and distribution functions for jointly distributed random variables- basic concepts; covariance and correlation coefficients.	16.12.2021 to 29.01.2022	32	06.01.2021 class test
Mrinmoyee Baishya	Elementary Probability Theory	Sample spaces and events; probability axioms and properties; addition and multiplication theorem of probability, counting techniques; conditional probability and Bayes' rule; independence of events.	01.10.2021 to 11.12.2021	46	22.11.2021 class test
	Sampling	Principal steps in a sample survey; methods of sampling; Sampling techniques- random, stratified random, multi-stage random and systematic random sampling; the role of sampling theory; properties of random samples.	13.12.2021 to 29.01.2022	35	20.12.2021 class test
			01.02.2022 to 12.02.2022	10	Question paper discussion, remedial classes

ECO-HG-3016: Principles of Macroeconomics–I

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Mrinmoyee Baishya	Introduction	What is macroeconomics? Macroeconomic issues in an economy.	01.10.2021 to 31.01.2022	20	
	National Income Accounting	Concepts of Income, Domestic Income and National Income; GDP and NDP at Market Price and Factor Cost, measurement of	01.10.2021 to 29.01.2022	20	15.11.2021 class test

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
		national income and related aggregates; nominal and real income;			
Dr. Budhen Saikia	Determination of GDP	Actual and potential GDP; aggregate expenditure; consumption function; investment function; equilibrium GDP; concepts of MPS, APS, MPC, APC; autonomous expenditure; Concept of multiplier.	01.10.2021 to29.01.2022	20	
Parag Jyoti Mahanta	National Income Determination with Government Intervention and Foreign Trade	Fiscal Policy: impact of changes in government expenditure and taxes; net exports function; net exports and equilibrium national income.	01.10.2021 to 29.01.2022	20	
Dr. Chandan Sharma	Money in a Modern Economy	Concept of money in a modern economy; monetary aggregates; demand for money; quantity theory of money; liquidity preference and rate of interest; money supply and credit creation; monetary policy.	01.10.2021 to 29.01.2022	20	
			01.02.2022 to 12.02.2022	10	Question paper discussion, remedial classes

ECO-SE-3014: Data Collection and Presentation

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Mrinmoyee Baishya	Use of Data	Use of data in social sciences; types and sources of data; data collection methods. Population census versus sample surveys. Random sampling.	01.10.2021 to 12.02.2022	13	

| Dr. Budhen Saikia | Questionnaires and Schedules | Meaning; how to prepare a questionnaire and interview schedule; use of questionnaire and interview schedule for data collection. | 01.10.2021 to 12.02.2022 | 13 | |
| 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. | 01.10.2021 to 12.02.2022 | 13 | |

N.B. Field trip and project to be undertaken in January 2022

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	01.10.2021 to 03.11.2021	19	
	Population and Human Development	Demographic trends and issues; education;health and malnutrition.	08.11.2021 to 30.11.2021	18	15.11.221 seminar
	Growth and Distribution	Trends and policies in poverty; inequality and unemployment	01.12.2021 to 22.12.2021	18	23/12/2021 class test
	International Comparisons	With China, Pakistan, Bangladesh, SriLanka, Nepal and Vietnam	27.12.2021 to 29.01.2022	24	
			01.02.2022 to 12.02.2022	10	Question paper discuss, 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.	01.10.2021 to 03.11.2021	19	
	Growth Models and Empirics	The Harrod-Domar model, the Solow model and its variants, endogenous growth models and evidence on the determinants of growth.	08.11.2021 to 30.11.2021	18	10.11.2021 seminar
	Poverty and Inequality: Definitions, Measures andMechanisms	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.	01.12.2021 to 22.12.2021	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 institutions; state ownership and regulation; government failures and corruption.	27.12.2021 to 29.01.2022	24	
			01.02.2022 to 12.02.2022	10	Question paper discussion, remedial classes

ECO-HE-5026: MONEY AND FINANCIAL MARKETS

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Dr. Chandan Sharma	Money	Concept, functions of money; concept of money supply and its measurement; money multiplier theory, RBI's approach to money supply.	01.10.2021 to 03.11.2021	19	
	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.	08.11.2021 to 30.11.2021	18	
	Interest Rates	Determination; sources of interest rate differentials; theories of term structure of interest rates; interest rates in India.	01.12.2021 to 22.12.2021	18	
	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.	27.12.2021 to 29.01.2022		
			01.02.2022 to 12.02.2022	24	Question paper discussion, remedial classes

ECO-HE-5036: PUBLIC FINANCE

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Mrinmoyee Baishya	Part 1: Theory	1. Normative Theory of Public Finance –Nature and Scope: Allocation Function, Distribution Function and Stabilization Function. Coordinating the functions. 2. Public Goods and their characteristics. Free Rider Problem and Market Failure, Externalities vis- à-vis Public Good. 3. Direct and Indirect Tax. Concepts of taxation: tax rate, buoyancy & elasticity of a tax. Proportional, Progressive and Regressive Taxation. Benefit Principle and Ability to Pay Theory.	01.10.2021 to 15.12.2021	48	16.12.2021 class test
	Part 2: Issues from Indian Public Finance	4. Fiscal Policies: Definition and Objectives. Instruments of Fiscal Policy.Adopting Monetary Policy to complement Fiscal Policy: The Indian Experience. 5. Indian Tax System. Direct Taxes: Income Tax, Corporate Tax, Customs Duty etc. Reforms in the Indirect Tax Structure: Goods and Service Tax. 6. Structure of the Public Budget. Types of Deficits and their significance: Revenue Deficit, Fiscal Deficit and Primary Deficit 7. Fiscal Federalism in India: Principles of Fiscal Devolution, Horizontal and Vertical Fiscal Balance. Federal Finance and the Finance	17.12.2021 to 04.02.2022	35 04	08.02.2022 class test

		Commission. 8. State and Local Finances. The State Subjects and its Budget. Fiscal decentralization: Role of Municipalities and Gaon Panchayats.			
			09.02.2022 to 12.02.2022	04	Question paper discussion, remedial classes

N.B. Sessional exams to be held in November 2021. (tentative)

Even Semester (April 18 2022 to June 30 2022)

2nd Semester

ECO-HC-2016: INTRODUCTORY MACROECONOMICS

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Dr. Budhen Saikia	Introduction to Macroeconomics and National IncomeAccounting	Basic issues studied in macroeconomics; measurement of gross domestic product; income, expenditure and the circular flow; real versus nominal GDP; price indices; national income accounting for an open economy; balance of payments: current and capital accounts	18.04.2022 to 25.05.2022	30	26.05.2022 class test
	Money	Functions of money; quantity theory of money; determination of money supply and demand; credit creation; tools of monetary policy.	27.05.2022 to 23.06.2022	24	
Mrinmoyee Baishya	Inflation	Inflation and its social costs; hyperinflation.	18.04.2022 to 25.05.2022	30	
	The Closed Economy in the ShortRun	Classical and Keynesian systems; simple Keynesian model of income determination; IS- LM model; fiscal and monetary multipliers.	27.05.2022 to 23.06.2022	24	24.06.2022 class test
			24.06.2022 to 30.06.2022	06	Question paper discussion, remedial classes

ECO-HC-2026: MATHEMATICAL METHODS IN ECONOMICS - II

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Parag Jyoti Mahanta	Linear algebra	Matrix: various types of matrices, vector and vector space-concept, matrix operations: addition, subtraction and multiplication; rank, norm and trace of a matrix, introduction to the concept of determinants and their properties, non-singularity of matrix, matrix inversion, solutions of simultaneous equations by using matrix inversion and Cramer's rule, simple market model and national income model	18.04.2022 to 07.05.2022	16	05.05.2022 class test
	Functions of several real variables	Homogeneous and homothetic functions: concepts, Differentiable functions: concepts, Implicit Function Theorem and applications	09.06.2022 to 31.05.2022	19	
	Multi-variable optimization	Unconstrained optimization: geometric characterization, characterization using calculus and applications: price discrimination and multi-plant firm; constrained optimization with equality constraints, Lagrange multiplier, applications: consumer's equilibrium and producer's equilibrium	01.06.2022 to 21.06.2022	18	18.06.2022 class test
Dr. Chandan Sharma	Differential equation	Meaning, first order differential equation, application to market model	18.04.2022 to 25.05.2022		
	Difference equation	First order difference equation, Cob-Web market model	26.05.2022 to 23.06.2022		21.06.2022 class test
			24.06.2022 to 30.06.2022	06	Question paper discussion, remedial classes

ECO-HG-2016: Principles of Microeconomics–II

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Parag Jyoti Mahanta	Market Structures	a.Theory of a Monopoly Firm Concept of imperfect competition; short run and long run price and output decisions of a monopoly firm; concept of a supply curve under monopoly; comparison of perfect competition and monopoly, social cost of monopoly, price discrimination; remedies for monopoly: Antitrust laws, natural monopoly.	18.04.2022 to 22.06.2022	54	
Dr. Chandan Sharma	Market Structures	b.Imperfect Competition Monopolistic competition: Assumptions, short run and long run price and output determinations under monopolistic competition,Oligopoly: assumptions, overview of different oligopoly models, contestable markets.	18.04.2022 to 22.06.2022	54	
Dr. Budhen Saikia	Factor pricing	Demand for a factor input in a competitive factor market, supply of inputs to a firm, market supply of inputs, equilibrium in a competitive factor market. Factor markets with monopsony power	18.04.2022 to 22.06.2022	54	
Mrinmoyee Baishya	Market Failure	Efficiency of perfect competition, Sources of market failure.Externalities and market failure, public goods and market failure, markets with asymmetric information (Ideas only)	18.04.2022 to 22.06.2022	54	
			23.06.2022 to 30.06.2022	07	Question paper discussion, remedial classes

4th Semester

ECO-HC-4016: INTERMEDIATE MICROECONOMICS - II

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Parag Jyoti Mahanta	General Equilibrium, Efficiency and Welfare	a) Exchange Economy, Consumption Allocation and Pareto Optimality; Edgeworth Box and Contract Curve; Equilibrium and Efficiency under Pure Exchange.b) Pareto Efficiency with production: Concepts of PPF, Social Indifference Curves and Resource Allocation.c) Perfect Competition, Pareto Efficiency and Market Failure (Externalities and Public Goods), Property Right and Coase Theorem.	18.04.2022 to 12.05.2022	20	13..05.2022 class test
	Market Structure and Game Theory	a) Monopoly, Pricing with Market Power; Degree of Monopoly, Price Discrimination-Different Degrees; Multi-plant Monopoly, Peak-Load Pricing.b) Monopolistic competition; Product Differentiation; Perceived and Proportionate Demand Curves; Price-Output Determination.c) Oligopoly and Game Theory (Two Person Zero Sum Game, Basic ideas and examples of non zero sum games, Prisoner's Dilemma), Applications of Game Theory in Oligopolistic Markets (Cournot Equilibrium, Bertrand Equilibrium, Stackleberg Equilibrium).	14.05.2022 to 04.06.2022	18	
	Markets with Asymmetric	Information Asymmetry, Adverse Selection, Moral Hazard, Signaling and Screening	06.06.2022 to	15	20.06.2022 seminar

			22.06.2022		
Information					
			23.06.2022 to 30.06.2022	07	Question paper discussion, remedial classes

ECO-HC-4026: INTERMEDIATE MACROECONOMICS – II

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Dr. Budhen Saikia	Economic Growth	Harrod-Domar model; Solow model; golden rule; technological progress and elements of endogenous growth.	18.04.2022 to 06.05.2022	15	07.05.2022 class test
	Microeconomic Foundations	a.Consumption: Keynesian consumption function; Fisher's theory of optimal intertemporal choice; life-cycle and permanent income hypotheses; rational expectations and random-walk of consumptionexpenditure.b.Investment: determinants of business fixed investment; residential investment and inventoryinvestment.c.Demand formoney.	09.05.2022 to 27.06.2022	15	
	Fiscal and MonetaryPolicy	Active or passive; monetary policy objectives and targets; rules versus discretion: time consistency; the government budget constraint; government debt and Ricardian equivalence.	28.05.2022 to 11.06.2022	13	09.05.2022 seminar
	Schools of Macroeconomic Thoughts	Classicals; Keynesians; New-Classicals and New-Keynesians.	13.06.2022 to 25.06.2022	12	
			27.06.2022 to 30.06.2022	04	Question paper discussion, remedial classes

ECO-HC-4036: INTRODUCTORY ECONOMETRICS

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Mrinmoyee Baishya	Statistical Background	Normal distribution; chi-sq, t- and F-distributions; estimation of parameters; properties of estimators; testing of hypotheses: defining statistical hypotheses; distributions of test statistics; testing hypotheses related to population parameters; Type I and Type II errors; power of a test; tests for comparing parameters from two samples.	18.04.2022 to 07.05.2022	16	05.05.2022
	Simple Linear Regression Model: Two VariableCase	Estimation of model by method of ordinary least squares; properties of estimators; Gauss- Markov theorem; goodness of fit; tests of hypotheses; scaling and units of measurement; confidence intervals; forecasting.	09.05.2022 to 31.05.2022	19	23.05.2022 class test
	Violations of Classical Assumptions: Consequences, Detection andRemedies	Multicollinearity; heteroscedasticity; serial correlation.	01.06.2022 to 22.06.2022	19	
Dr. Chandan Sharma	Multiple Linear RegressionModel	Estimation of parameters; properties of OLS estimators; goodness of fit - R^2 and adjusted R^2; partial regression coefficients; testing hypotheses – individual and joint; functional forms of regression models; qualitative (dummy) independent variables.	18.04.2022 to 25.05.2022		20.05.2022 class test
	SpecificationAnalysis	Omission of a relevant variable;inclusion of irrelevant variable; tests of specification errors	27.05.2022 to 23.06.2022		24.06.2022 class test

			24.06.2022 to 30.06.2022	06	Question paper discussion, remedial classes

ECO-SE-4014: Data Analysis

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Mrinmoyee Baishya	Data entry	Data entry in softwares like MS-Excel, SPSS/PSPP	18.04.2022 to 25.05.2022	30	
	Estimation	Estimation of population parameters from sample data. Unbiased estimators for population mean and variance.	27.05.2022 to 23.06.2022	24	
Dr. Chandan Sharma	Bivariate frequency distribution	Bivariate frequency distribution. Correlation and regression. Rank correlation	18.04.2022 to 25.05.2022	30	
	Univariate frequency distributions	Univariate frequency distributions. Measures of central tendency: mean, median and mode; arithmetic, geometric and harmonic mean. Measures of dispersion: range, mean deviation and standard deviation, skewness and kurtosis.	27.05.2022 to 23.06.2022	24	

ECO-HG-4016: Principles of Macroeconomics–II

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Dr. Budhen Saikia	IS-LM Analysis	Derivations of the IS and LM functions; IS-LM and aggregate demand; shifts in the AD curve.	18.04.2022 to 25.06.2022	56	
Parag Jyoti Mahanta	GDP and Price Level in Short Run and Long Run	Aggregate demand and aggregate supply; multiplier Analysis with AD curve and changes in price levels; aggregate supply in the SR and LR.	18.04.2022 to 25.06.2022	56	
Mrinmoyee Baishya	Inflation and Unemployment	Concept of inflation; determinants of inflation; relationship between inflation and unemployment,Phillips Curve in short run and long run.	18.04.2022 to 25.06.2022	56	
Dr. Chandan Saikia	Balance of Payments and Exchange Rate	Balance of payments: current account and capital account; market for foreign exchange; determination of exchange rate.	18.04.2022 to 25.06.2022	56	

6th 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.	18.04.2022 to 07.05.2022	16	05/04.2022 class test
	Policies and Performance in Agriculture	Growth; productivity; agrarian structure and technology; capital formation; trade; pricing and	09.05.2022 to 26.05.2022	15	

		procurement			
	Policies and Performance in Industry	Growth; productivity; diversification; small scale industries; public sector; competition policy; foreign investment.	27.06.2022 to 11.06.2022	14	04/06.2022 seminar
	Trends and Performance inServices		13.06.2022 to 25.06.2022	12	
			27.06.2022 to 30.06.2022	04	Question paper discussion, remedial classes

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.	18.04.2022 to 30.04.2022	12	
	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	02.05.2022 to 18.05.2022	12	06.05.2022 seminar

		problems and credit contracts; microfinance; inter- linkages between rural factormarkets.			
	Individuals, Communities and Collective Outcomes	Individual behavior in social environments, multiple social equilibria; governance in organizations and in communities; individual responses to organizational inefficiency.	19.05.2022 to 11.06.2022	11	10.06.2022 class test
	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.	13.06.2022 to 21.06.2022	08	
	Globalization	Globalization in historical perspective; the economics and politics of multilateral agreements; trade, production patterns and world inequality; financial instability in a globalized world.	22.06.2022 to 30.06.2022	08	

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,	18.04.2022 to 30.04.2022	12	

		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).			
	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.	02.05.2022 to 14.05.2022	10	13.05.2022 class test
	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.	17.05.2022 to 27.05.2022	10	
	International Environmental Problems	Nature of environmental problems: transboundary pollution –Climate change, global warming, ozone depletion and bio-diversity loss; Trade and environment: pollution haven hypothesis.	28.05.2022 to 08.06.2022	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.	09.06.2022 to 20.06.2022	10	18.06.2022 class test
	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.	21.06.2022 to 30.06.2022	09	

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.	18.04.2022 to 07.05.2022	16	
	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 ofeconomies of scale and imperfect	09.05.2022 to 26.05.2022	15	10.05.2022 class test

		competition, technological gap and product cycle theories; the Locational theory international trade; multinational enterprises and international trade.			
	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.	27.06.2022 to 11.06.2022	14	10.06.2022 seminar
	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.	13.06.2022 to 25.06.2022	12	
			27.06.2022 to 30.06.2022	04	Question paper discussion, remedial classes

N.B. Sessional Exam to be held in last week of May (tentative)