

Teaching Plan of Department of Economics, Kamrup College,

Chamata

Odd Semester, 2021-2022.

1st Semester

ECO-HC-1016: Introductory Microeconomics

Faculty Name	Unit	Content	Aims to be Completed	Allotted class	Remarks
Dr Padmaja Chetia	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
Dr Padmaja Chetia	Imperfect Market Structure	Monopoly and anti-trust policy; government policies towards competition; imperfect competition.	08.11.2021 to 11.12.2021	24	
Dr Padmaja Chetia	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

Mrs. Runu Saloi	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
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		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	
Dr Padmaja Chetia	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
Dr Biswajit Das	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

		tests for maximization and minimization, applications: profit maximization, cost minimization, revenue maximization	12.01.2022		
	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
Mrs Runu Saloi	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 Padmaja Chetia Mrs Runu Saloi	.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	

		<p>c. Applications of demand and supply: price rationing, price floors, consumer surplus, producer surplus.</p> <p>d. Elasticity: price elasticity of demand, calculating elasticity, determinants of price elasticity, other elasticities.</p>			
Mrs Runu Saloi	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	
Dr Padmaja Chetia	Production and Costs	<p>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.</p> <p>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.</p>	01.10.2021 to 29.01.2022	20	01.12.2021 class test
Dr Biswajit Das	Perfect Competition	<p>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.</p> <p>b. Welfare: allocative efficiency under perfect competition.</p>	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
Mrs Runu Saloi	Consumer Theory	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
Mrs Runu Saloi	Production, Costs and Perfect Competition	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 Padmaja Chetia	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 and Expectations	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 Biswajit Das	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	

	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
	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
Dr Padmaja Chetia	Introduction	What is macroeconomics? Macroeconomic issues in an economy.	01.10.2021 to 31.01.2022	20	
Dr Padmaja Chetia	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

		national income and related aggregates; nominal and real income;			
Dr Padmaja Chetia	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 to 29.01.2022	20	
Dr Biswajit Das	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	
Mrs Runu Saloi	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

5th Semester

ECO-HC-5016: INDIAN ECONOMY-I

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
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Dr Padmaja Chetia	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
Mrs Runu Saloi	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 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.	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 Padmaja Chetia	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	
Dr Padmaja Chetia	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	
Dr Biswajit Das	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	
Mrs Runu Saloi	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
Dr Biswajit Das	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 & elasticity of a tax. Proportional, Progressive and Regressive Taxation. Benefit Principle and Ability to Pay Theory.</p>	01.10.2021 to 15.12.2021	48	16.12.2021 class test
	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</p>	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 Padmaja Chetia	Introduction to Macroeconomics and National Income Accounting	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
Dr Padmaja Chetia	Money	Functions of money; quantity theory of money; determination of money supply and demand; credit creation; tools of	27.05.2022 to 23.06.2022	24	

		monetary policy.			
Dr Padmaja Chetia	Inflation	Inflation and its social costs; hyperinflation.	18.04.2022 to 25.05.2022	30	
Mrs Runu Saloi	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
DR Biswajit Das	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
	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
Mrs Runu Saloi	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 Padmaja Chetia	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 Padmaja Chetia	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	
Dr Biswajit Das	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
Mrs Runu Saloi	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

	Information		22.06.2022		
			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 Padmaja Chetia	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 consumption expenditure.b.Investment: determinants of business fixed investment; residential investment and inventory investment.c.Demand for money.	09.05.2022 to 27.06.2022	15	
	Fiscal and Monetary Policy	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
Dr Biswajit Das	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 Variable Case	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 and Remedies	Multicollinearity; heteroscedasticity; serial correlation.	01.06.2022 to 22.06.2022	19	
	Multiple Linear Regression Model	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
	Specification Analysis	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
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ECO-HG-4016: Principles of Macroeconomics–II

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Mrs Runu Saloi	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	
	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	
	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	
	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
Dr Padmaja Chetia	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 in Services		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
Mrs Runu Saloi	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-6036: The Economy of Assam

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Dr Padmaja Chetia	Changes and evolution of the economy in the economic under colonial rule (1837-1947)	Imposition of land revenue and its impact, prohibition of opium production and state takeover of opium trade, inflow in colonial investment in plantation, mining and other industries, development of water transport and railways, in-migration of population and its impact on the economy, shock of partition and its impact	18.04.2022 to 30.04.2022	12	

Mrs Runu Saloi	Growth trends and sectoral composition in the post independence period	<p>Population growth trends before and after 1971, trends in demographic parameters, population density, sex ratio, life expectancy and infant mortality rate, workforce and labour force participation, occupational distribution.</p> <p>Trends in per capita NSDP in comparison with trends in all-India per capita income, trends in other indicators of development in comparison with all-India standards, literacy rate, enrolment ratio and forest cover-inter community differences in development attainments</p>	02.05.2022 to 14.05.2022	10	13.05.2022 class test
Dr Biswajit Das	Sectoral status and prospects	<p>Infrastructure: state of road, rail and air connectivity within and out of the state, potentials and limitations of waterways development, status of power and telecommunication, financial system and inclusion</p> <p>Agriculture: Land holding patterns, land tenure and land reforms, cropping pattern, production and productivity of principal crop-diversification of the rural economy to horticulture, fishery, livestock and non-farm activities-prospects and challenges of the sector.</p> <p>Industry: state of the tea industry and role of small tea growers, state of hydrocarbon industry, other emerging industries-traditional handloom handicraft and their prospects,</p> <p>Service sector: size and composition</p>	17.05.2022 to 27.05.2022	10	

Mrs Runu Saloi Dr Padmaja Chetia	State Finance	Public finance in Assam and the emerging challenges, trends and composition of revenue receipt and its implications, state taxes in Assam and the impact of GST, Strategies to enhance revenue receipt. Composition of public expenditure and its implications, the Assam FRBM Act: its implementation and outcome. Fiscal Devolution to local bodies	28.05.2022 to 08.06.2022	10	

Dr Biswajit Das	Assam economy and its neighborhood	Mutual inter-dependence with neighboring states- stakes of Assam in the Act East Policy	09.06.2022 to 20.06.2022	10	18.06.2022 class test
			21.06.2022 to 30.06.2022	09	Question paper discussion

ECO-HE-6026: INTERNATIONAL ECONOMICS

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Dr Biswajit Das	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 of economies 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)

Odd Semester 2022 (August to December)

1st Semester

ECO-HC-1016: Introductory Microeconomics

Faculty Name	Unit	Content	Aims to be Completed	Allotted class	Remarks
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Dr Padmaja Chetia	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.	01.8.2022 to 27.8.2022	24	25.8.2022 class test
Dr Padmaja Chetia	Imperfect Market Structure	Monopoly and anti-trust policy; government policies towards competition; imperfect competition.	28.8.2022 to 20.09.2022	19	20.12.2022 class test
Dr Padmaja Chetia	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.	21.09.2022 to 31.10.2022	23	
Mrs. Runu Saloi	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	01.8.2022 to 31.10.2022	24	22.8.2022 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.	01.11.2022 to 30.11.2022	28	
Dr Padmaja Chetia	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.	01.11.2022 to 15.11.2022	20	28.11.2022 class test
			15.12.2022 to 30.12.2022	10	Question paper discussion, remedial classes

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

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Dr Biswajit Das	Preliminaries	Sets and set operations, relations and functions, number system	01.08.2022 to 30.08.2022	27	23.08.2022 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	01.09.2022 to 30.09.2022	25	
	Single variable optimization	. Local and global optima: geometric characterization, characterization using calculus:	11.10.2022 to	17	27.10.2022 class test

		tests for maximization and minimization, applications: profit maximization, cost minimization, revenue maximization	11.11.2022		
	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	12.11.2022 to 12.12.2022	38	12.11.2022 class test
Mrs Runu Saloi	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	12.11.2022 To 12.12.2022	40	
			15.12.2022 to 30.12.2022	10	Question paper discussion, remedial classes

ECO-HG-1016: Principles of Microeconomics–I

Faculty Name	Unit	Content	Aims to be Completed	Allotted class	Remarks
Dr Padmaja Chetia Mrs Runu Saloi	.Introduction	a. Problem of scarcity and choice: scarcity, choice and opportunity cost; production possibility frontier; economic systems.	01.08.2022 to 15.09.2022	20	

	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.			
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		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.			
Mrs Runu Saloi	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.	16.09.2022 to 30.11.2022	20	
Dr Padmaja Chetia	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.	16.09.2022 to 30.11.2022	20	30.09.2022class test
Dr Biswajit Das	Perfect Competition	c. 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. d. Welfare: allocative efficiency under perfect competition.	01.08.2022 to 15.12.2022	20	
			16.12.2022 to .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
Mrs Runu Saloi	Consumer Theory	Preference; utility; budget constraint; choice; demand; Slutsky equation; buying and selling; choice under risk and inter-temporal choice; revealed preference.	1.08.2022 to 30.09.2022	47	11.11.2022 class test
Mrs Runu Saloi	Production, Costs and Perfect Competition	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.	11.11.2022 to 12.12.2022	32	20.12.2021

ECO-HC-3026: INTERMEDIATE MACROECONOMICS - I

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Dr Padmaja Chetia	Aggregate Demand and Aggregate Supply Curves	Derivation of aggregate demand and aggregate supply curves; interaction of aggregate demand and supply.	01.08.2022 to 31.08.2022	19	
	Inflation,	Phillips curve; adaptive and rational	1.09.2022 to	29	22.10.2022

	Unemployment and Expectations	expectations; policy ineffectiveness debate.	30.09.2022		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.	11.10.2022 to 30.11.2022	32	
			01.12.2022 to 12.12.2022	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 Biswajit Das	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.	01.08.2022 to 25.09.2022	19	25.09.2022 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).	26.09.2022 to 25.10.2022	29	

	Random Sampling and Jointly Distributed Random Variables	Density and distribution functions for jointly distributed random variables- basic concepts; covariance and correlation coefficients.	26.10.2022 to 20.11.2022	32	06.11.2022 class test
	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.	21.11.2022 to 09.12.2022	46	22.11.2022 class test
Mrs Runu Saloi	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.	21.11.2022 to 09.12.2022	35	02.12.2022 class test
			10.12.2022 to 30.12.2022	10	Question paper discussion, remedial classes

ECO-HG-3016: Principles of Macroeconomics-I

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Dr Padmaja Chetia	Introduction	What is macroeconomics? Macroeconomic issues in an economy.	01.08.2022 to 15.10.2022	20	
Dr Padmaja Chetia	National Income Accounting	Concepts of Income, Domestic Income and National Income; GDP and NDP at Market Price and Factor Cost, measurement of	16.10.2022 to 16.11.2022	20	15.09.2022 class test

		national income and related aggregates; nominal and real income;			
Dr Padmaja Chetia	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.	11.11.2022 to 11.12.2022	20	
Dr Biswajit Das	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.	01.08.2022 to 30.11.2022	20	
Mrs Runu Saloi	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.	01.08.2022 to 30.11.2022	20	
			01.12.2022 to 30.12.2022	10	Question paper discussion, remedial classes

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
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Dr Padmaja Chetia	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	01.08.2022 to 30.08.2022	19	
	Population and Human Development	Demographic trends and issues; education;health and malnutrition.	01.09.2022 to 30.09.2022	18	15.09.2022 seminar
	Growth and Distribution	Trends and policies in poverty; inequality and unemployment	01.10.2022 to 31.10.2022	18	class test
	International Comparisons	With China, Pakistan, Bangladesh, SriLanka, Nepal and Vietnam	01.11.2022 to 15.12.2022	24	
			16.12.2022 to 30.12.2022	10	Question paper discuss, remedial classes

ECO-HC-5026: DEVELOPMENT ECONOMICS-I

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Mrs Runu Saloi	Conceptions of Development	Alternative measures of development, documenting the international variation in these measures, comparing development trajectories across nations and within them.	01.08.2022 to 30.08.2022	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.	01.09.2022 to 30.09.2022	18	15.09.2022 seminar
	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.	01.10.2022 to 31.10.2022	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.	01.11.2022 to 15.12.2022	24	
			01.12.2022 to 30.12.2022	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 Padmaja Chetia	Money	Concept, functions of money; concept of money supply and its measurement; money multiplier theory, RBI's approach to money supply.	01.08.2022 to 30.08.2022	19	
Dr Padmaja Chetia	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.	01.09.2022 to 30.09.2022	18	
Dr Biswajit Das	Interest Rates	Determination; sources of interest rate differentials; theories of term structure of interest rates; interest rates in India.	01.10.2022 to 31.10.2022	18	
Mrs Runu Saloi	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.	01.11.2022 to 15.12.2022		
			01.12.2022 to	24	Question paper

			30.12.2022		discussion, remedial classes
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ECO-HE-5036: PUBLIC FINANCE

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Dr Biswajit Das	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.	01.08.2022 to 30.10.2022	48	class test

	Part 2: Issues from Indian Public Finance	<p>8. Fiscal Policies: Definition and Objectives. Instruments of Fiscal Policy. Adopting Monetary Policy to complement Fiscal Policy: The Indian Experience.</p> <p>9. Indian Tax System. Direct Taxes: Income Tax, Corporate Tax, Customs Duty etc. Reforms in the Indirect Tax Structure: Goods and Service Tax.</p> <p>10. Structure of the Public Budget. Types of Deficits and their significance: Revenue Deficit, Fiscal Deficit and Primary Deficit</p> <p>11. Fiscal Federalism in India: Principles of Fiscal Devolution, Horizontal and Vertical Fiscal Balance. Federal Finance and the Finance</p>	1.11.2022 to 15.12.2022	35 04	08.12.2022 class test
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		Commission. 8. State and Local Finances. The State Subjects and its Budget. Fiscal decentralization: Role of Municipalities and Gaon Panchayats.			
			16.12.2022 to 30.12.2022	04	Question paper discussion, remedial classes

N.B. Sessional exams to be held in November 2022. (tentative)

EVEN SEMESTER 2023 (January to June)

2nd Semester

ECO-HC-2016: INTRODUCTORY MACROECONOMICS

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Dr Padmaja Chetia	Introduction to Macroeconomics and National Income Accounting	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	18.01.2023 to 28.02.2023	30	
Dr Padmaja Chetia	Money	Functions of money; quantity theory of money; determination of money supply and demand; credit creation; tools of	01.03.2023 to 11.04.2023	24	class test

		monetary policy.			
Dr Padmaja Chetia	Inflation	Inflation and its social costs; hyperinflation.	18.04.2023 to 30.05.2023	30	
Mrs Runu Saloi	The Closed Economy in the ShortRun	Classical and Keynesian systems; simple Keynesian model of income determination; IS- LM model; fiscal and monetary multipliers.	18.01.2023 to 28.02.2023	24	class test
			1.06.2023 to 15.06.2023	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
DR Biswajit Das	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	18.01.2023 to 28.02.2023	16	class test
	Functions of several real variables	Homogeneous and homothetic functions: concepts, Differentiable functions: concepts, Implicit Function Theorem and applications	01.03.2023 to 11.04.2023	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	18.04.2023 to 30.05.2023	18	class test
MRS Runu Saloi	Differential equation	Meaning, first order differential equation, application to market model	01.03.2023 to 11.04.2023		
MRS Runu Saloi	Difference equation	First order difference equation, Cob-Web market model	18.04.2023 to 30.05.2023		class test
			01.06.2023 to 15.06.2023	06	Question paper discussion, remedial classes

ECO-HG-2016: Principles of Microeconomics–II

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Mrs Runu Saloi	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.	18.01.2023 to 30.05.2023	54	
Dr Padmaja Chetia	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.	18.01.2023 to 31.03.2023	54	
Dr Padmaja Chetia	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	01.04.2023 to 30.06.2023	54	
Dr Biswajit Das	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)	18.01.2023 to 30.06.2023	54	
			23.06.2023 to 30.06.2023	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
Mrs Runu Saloi	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.	18.01.2023 to 31.03.2023	20	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).	01.04.2023 to 19.04.2023	18	
	Markets with Asymmetric	Information Asymmetry, Adverse Selection, Moral Hazard, Signaling and Screening	20.04.2023 to	15	seminar

	Information		31.05.2023		
			1.06.2023 to 30.06.2023		Question paper discussion, remedial classes

ECO-HC-4026: INTERMEDIATE MACROECONOMICS – II

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Dr Padmaja Chetia	Economic Growth	Harrod-Domar model; Solow model; golden rule; technological progress and elements of endogenous growth.	18.01.2023 to 28.02.2023	15	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 consumption expenditure.b.Investment: determinants of business fixed investment; residential investment and inventory investment.c.Demand for money.	01.03.2023 to 11.04.2023	15	
	Fiscal and Monetary Policy	Active or passive; monetary policy objectives and targets; rules versus discretion: time consistency; the government budget constraint; government debt and Ricardian equivalence.	19.04.2023 to 10.05.2023	13	seminar
	Schools of Macroeconomic Thoughts	Classicals; Keynesians; New-Classicals and New-Keynesians.	11.05.2023 to 15.06.2023	12	
			15.06.2023 to 30.06.2023		Question paper discussion, remedial classes

ECO-HC-4036: INTRODUCTORY ECONOMETRICS

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Dr Biswajit Das	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.	18.01.2023 to 28.02.2023	16	
	Simple Linear Regression Model: Two Variable Case	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.	01.03.2023 to 31.03.2023	19	class test
	Violations of Classical Assumptions: Consequences, Detection and Remedies	Multicollinearity; heteroscedasticity; serial correlation.	01.04.2023 to 30.04.2023	19	
	Multiple Linear Regression Model	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.	01.05.2023 to 25.05.2023		class test
	Specification Analysis	Omission of a relevant variable; inclusion of irrelevant variable; tests of specification errors	26.05.2023 to 23.06.2023		class test

			24.06.2023 to 30.06.2023	06	Question paper discussion, remedial classes
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ECO-HG-4016: Principles of Macroeconomics–II

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Mrs Runu Saloi	IS-LM Analysis	Derivations of the IS and LM functions; IS-LM and aggregate demand; shifts in the AD curve.	18.01.2023 to 30.06.2023	56	
Dr Biswajit Das	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.	18.01.2023 to 30.06.2023	56	
Dr Padmaja Chetia	Inflation and Unemployment	Concept of inflation; determinants of inflation; relationship between inflation and unemployment, Phillips Curve in short run and long run.	18.01.2023 to 31.03.2023	56	
Dr Padmaja Chetia	Balance of Payments and Exchange Rate	Balance of payments: current account and capital account; market for foreign exchange; determination of exchange rate.	01.04.2023 to 25.06.2023	56	

6th Semester

ECO-HC-6016: INDIAN ECONOMY-II

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Dr Padmaja Chetia	Macroeconomic Policies and Their Impact	Fiscal Policy; trade and investment policy; financial and monetary policies; labour regulation.	18.01.2023 to 28.02.2023	16	class test
	Policies and Performance in Agriculture	Growth; productivity; agrarian structure and technology; capital formation; trade; pricing and	01.03.2023 to 31.03.2023	15	

		procurement			
	Policies and Performance in Industry	Growth; productivity; diversification; small scale industries; public sector; competition policy; foreign investment.	01.04.2023 to 14.05.2023	14	seminar
	Trends and Performance in Services		15.05.2023 to 25.06.2023	12	
			27.06.2023 to 30.06.2023	04	Question paper discussion, remedial classes

ECO-HC-6026: DEVELOPMENT ECONOMICS-II

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Mrs Runu Saloi	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.	18.01.2023 to 20.02.2023	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	21.02.2023 to 20.03.2023	12	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.	21.04.2023 to 20.05.2023	11	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.	21.05.2023 to 09.06.2023	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.	10.06.2023 to 30.06.2023	08	

ECO-HE-6036: The Economy of Assam

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Dr Padmaja Chetia	Changes and evolution of the economy in the economic under colonial rule (1837-1947)	Imposition of land revenue and its impact, prohibition of opium production and state takeover of opium trade, inflow in colonial investment in plantation, mining and other industries, development of water transport and railways, in-migration of population and its impact on the economy, shock of partition and its impact	18.01.2023 to 31.03.2023	12	class test

Mrs Runu Saloi	Growth trends and sectoral composition in the post independence period	<p>Population growth trends before and after 1971, trends in demographic parameters, population density, sex ratio, life expectancy and infant mortality rate, workforce and labour force participation, occupational distribution.</p> <p>Trends in per capita NSDP in comparison with trends in all-India per capita income, trends in other indicators of development in comparison with all-India standards, literacy rate, enrolment ratio and forest cover-inter community differences in development attainments</p>	18.01.2023 to 31.03.2023	10	class test
Dr Biswajit Das	Sectoral status and prospects	<p>Infrastructure: state of road, rail and air connectivity within and out of the state, potentials and limitations of waterways development, status of power and telecommunication, financial system and inclusion</p> <p>Agriculture: Land holding patterns, land tenure and land reforms, cropping pattern, production and productivity of principal crop-diversification of the rural economy to horticulture, fishery, livestock and non-farm activities-prospects and challenges of the sector.</p> <p>Industry: state of the tea industry and role of small tea growers, state of hydrocarbon industry, other emerging industries-traditional handloom handicraft and their prospects,</p> <p>Service sector: size and composition</p>	18.01.2023 to 30.04.2023	10	

Mrs Runu Saloi Dr Padmaja Chetia	State Finance	Public finance in Assam and the emerging challenges, trends and composition of revenue receipt and its implications, state taxes in Assam and the impact of GST, Strategies to enhance revenue receipt. Composition of public expenditure and its implications, the Assam FRBM Act: its implementation and outcome. Fiscal Devolution to local bodies	01.05.2023 20.06.2023	10	

Dr Biswajit Das	Assam economy and its neighborhood	Mutual inter-dependence with neighboring states- stakes of Assam in the Act East Policy	01.05.2023 to 20.06.2023	10	class test
			21.06.2023 to 30.06.2023	09	Question paper discussion

ECO-HE-6026: INTERNATIONAL ECONOMICS

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Dr Biswajit Das	Introduction	What is international economics about?, subject matter of International Economics, An overview of world trade- its changing pattern.	18.01.2023 to 20.02.2023	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 of economies of scale and imperfect	21.02.2023 to 20.03.2023	15	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.	21.03.2023 to 30.04.2023	14	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.	01.05.2023 to 15.06.2023	12	
			16.06.2023 to 30.06.2023	04	Question paper discussion, remedial classes

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

ODD SEMESTER 2023 (August to December)

First semester (Four-year under-graduate programme)

Course name : Introductory Economics

Major and Minor

Faculty Name	Unit	Content	Aims to be completed	Class allotted	Remarks
Runu Saloi	The Essences of the Economic Problem	Scarcity and alternative usability of resources, problems of choice and organization 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	01.08.2023 to 30.10.2023	15	Class test seminar
Runu Saloi & Dr Padmaja Chetia	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	01.11.2023 to 15.12.2023	12	

		determination in a competitive market. Stability of the competitive market equilibrium. Consumers' and Producers' surplus and efficiency of market equilibrium.			
Dr Padmaja Chetia	National Income and its measurement	From micro economics to macro economics. Income (Hicks' definition), Domestic income and National Income, GNP and its measurement, Circular flow of the economy, NDP at Factor Cost as National income. Personal and disposable income, Purchasing power parity. Concepts of Unemployment, Inflation and Recession. Balance of Payment-current and capital accounts	01.08.2023 to 30.10.2023	10	Class test seminar
Dr Biswajit Das	Macro economic equilibrium and income determination	Idea of equilibrium as applied to basic macroeconomy, Ex Post and Ex Ante Savings and	01.08.2023 to 20. 10.2023	12	

		investment, Keynes' approach of Aggregate Effective demand and determination of Income, Multiplier analysis			
Dr Biswajit das	Basic changes 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	21. 10.2023 to 15.12.2023	12	Class test seminar
			16.12.2023 to 30,12.2023		Question paper discussion, remedialclasses

**First semester- Skill Enhancement Course
Course- Rural Marketing**

Faculty Name	Unit	Content	Aims to be completed	Classes allotted	Remarks
Dr Biswajit das	Introduction to rural marketing	Meaning , Scope, Definition and Importance of Rural versus Urban Marketing, Growth of Rural Marketing, Basic difference between rural, semi-	01.08.2023 to 31.10.2023		

		urban and urban markets, Profile of Rural Consumer Behaviour			
Dr Padmaja Chetia	Role of Government in the development of Agricultural Marketing	Government intervention in the marketing system, Role of agencies like State Agricultural Marketing Boards, Co-operative marketing, Types of co-operative marketing societies, AGMARK, NCDC9 National Co-operative Development Corporation), Public Distribution System, Self Help Groups in Assam (SHGs), North Eastern Regional Agricultural Marketing	01.08.2023 to 30.11.2023		
Runu Saloi	Agricultural Credit and crop insurance	Agricultural Credit Policy, Institutional Agreement for Agricultural Credit, Crop Insurance, Agricultural insurance	01.08.2023 to 30.11.2023		
Dr Biswajit Das	Role of Information Technology for Rural marketing	Infrastructure, Importance and scope, Modern	01.11.2023 to 15.12.2023		

		techniques for rural distribution			
			16.12.2023-30.01.2023		Question paper discussion, remedial classes

3rd Semester

ECO-HC-3016: INTERMEDIATE MICROECONOMICS - I

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Mrs Runu Saloi	Consumer Theory	Preference; utility; budget constraint; choice; demand; Slutsky equation; buying and selling; choice under risk and inter-temporal choice; revealed preference.	1.08.2023 to 30.09.2023	47	Class test
Mrs Runu Saloi	Production, Costs and Perfect Competition	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.	01.10.2023 to 12.12.2023	32	
			13.12.2023		Question discussion, Remedial classes

ECO-HC-3026: INTERMEDIATE MACROECONOMICS - I

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Dr Padmaja Chetia	Aggregate Demand and Aggregate Supply Curves	Derivation of aggregate demand and aggregate and supply curves; interaction of aggregate demand and supply.	01.08.2023 to 31.08.2023	19	
	Inflation,	Phillips curve; adaptive and rational	1.09.2023 to	29	Class test

	Unemployment and Expectations	expectations; policy ineffectiveness debate.	30.09.2023		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.	11.10.2023 to 30.11.2023	32	Class test
			01.12.2023 to 12.12.2023	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 Biswajit Das	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.	01.08.2023 to 25.09.2023	19	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).	26.09.2023 to 25.10.2023	29	

	Random Sampling and Jointly Distributed Random Variables	Density and distribution functions for jointly distributed random variables- basic concepts; covariance and correlation coefficients.	26.10.2023 to 20.11.2023	32	class test
	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.	21.11.2023 to 09.12.2023	46	class test
Mrs Runu Saloi	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.	21.11.2023 to 09.12.2023	35	class test
			10.12.2023 to 30.12.2023	10	Question paper discussion, remedial classes

ECO-HG-3016: Principles of Macroeconomics–I

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Dr Padmaja Chetia	Introduction	What is macroeconomics? Macroeconomic issues in an economy.	01.08.2023 to 15.10.2023	20	
Dr Padmaja Chetia	National Income Accounting	Concepts of Income, Domestic Income and National Income; GDP and NDP at Market Price and Factor Cost, measurement of	16.10.2023 to 16.11.2023	20	class test

		national income and related aggregates; nominal and real income;			
Dr Padmaja Chetia	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.	11.11.2023 to 11.12.2023	20	
Dr Biswajit Das	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.	01.08.2023 to 30.11.2023	20	
Mrs Runu Saloi	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.	01.08.2023 to 30.11.2023	20	
			01.12.2023 to 30.12.2023	10	Question paper discussion, remedial classes

N.B. Field trip and project to be undertaken in January 2023

5th Semester

ECO-HC-5016: INDIAN ECONOMY-I

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
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Dr Padmaja Chetia	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	01.08.2023 to 30.08.2023	19	
	Population and Human Development	Demographic trends and issues; education;health and malnutrition.	01.09.2023 to 30.09.2023	18	seminar
	Growth and Distribution	Trends and policies in poverty; inequality and unemployment	01.10.2023 to 31.10.2023	18	class test
	International Comparisons	With China, Pakistan, Bangladesh, SriLanka, Nepal and Vietnam	01.11.2023 to 15.12.2023	24	
			16.12.2023 to 30.12.2023	10	Question paper discuss, remedial classes

ECO-HC-5026: DEVELOPMENT ECONOMICS-I

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Mrs Runu Saloi	Conceptions of Development	Alternative measures of development, documenting the international variation in these measures, comparing development trajectories across nations and within them.	01.08.2023 to 30.08.2023	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.	01.09.2023 to 30.09.2023	18	seminar
	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.	01.10.2023 to 31.10.2023	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.	01.11.2023 to 15.12.2023	24	
			01.12.2023 to 30.12.2023	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 Padmaja Chetia	Money	Concept, functions of money; concept of money supply and its measurement; money multiplier theory, RBI's approach to money supply.	01.08.2023 to 30.08.2023	19	
Dr Padmaja Chetia	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.	01.09.2023 to 30.09.2023	18	
Dr Biswajit Das	Interest Rates	Determination; sources of interest rate differentials; theories of term structure of interest rates; interest rates in India.	01.10.2023 to 31.10.2023	18	
Mrs Runu Saloi	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.	01.11.2023 to 15.12.2023		
			01.12.2023 to	24	Question paper

			30.12.2023		discussion, remedial classes
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ECO-HE-5036: PUBLIC FINANCE

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Dr Biswajit Das	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.	01.08.2023 to 30.10.2023	48	class test

	Part 2: Issues from Indian Public Finance	<p>2. Fiscal Policies: Definition and Objectives. Instruments of Fiscal Policy. Adopting Monetary Policy to complement Fiscal Policy: The Indian Experience.</p> <p>13. Indian Tax System. Direct Taxes: Income Tax, Corporate Tax, Customs Duty etc. Reforms in the Indirect Tax Structure: Goods and Service Tax.</p> <p>14. Structure of the Public Budget. Types of Deficits and their significance: Revenue Deficit, Fiscal Deficit and Primary Deficit</p> <p>15. Fiscal Federalism in India: Principles of Fiscal Devolution, Horizontal and Vertical Fiscal Balance. Federal Finance and the Finance</p>	1.11.2023 to 15.12.2023	35 04	08.12.2022 class test
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		Commission. 8. State and Local Finances. The State Subjects and its Budget. Fiscal decentralization: Role of Municipalities and Gaon Panchayats.			
			16.12.2023 to 30.12.2023	04	Question paper discussion, remedial classes

N.B. Sessional exams to be held in November 2023. (tentative)

EVEN SEMESTER, 2024 (January to June)

2nd Semester

Paper: Basic elements of economics

Faculty name	Unit	Content	Aims to be completed	Allotted classes	Remarks
Dr Biswajit Das	1. Basics of data collection	Primary and secondary, census versus sample survey, distinction between population and sample, distinction between population parameter and sample statistics, principal steps in a sample survey, methods of sampling-random, stratified, multi-stage and systematic random sampling. Measures of central tendency- mean,	25.01.2024 to 11.04.2023	20	

		arithmetic mean (simple and weighted) geometric mean, Harmonic mean, median, mode			
Mrs Runu Saloi	2.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)	25.01.2024 to 31. 03.2024	8	Class test
Mrs Runu Saloi	3.	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 Development Index(HDI), Concept of sustainable development	01.04.2024 to 05.06.2024	10	seminar
Dr Padmaja Chetia	4.	Financial system and its functions, formal and informal financial	25.01.2024 to 31. 03.2024	10	Class test

		system, components of a financial system and their interdependence, relationship between financial system and economic growth			
Dr Padmaja Chetia	5.	Basic features of Indian economy, trend of national and per capita income, sector-wise comparison of GDP, basic demographic features-age, sex composition, density, urbanization, labour force and workforce and participation rate, Unemployment, occupational pattern, demographic dividend	01.04.2024 to 10.06.2024	12	seminar
			11.06.2024 to 30.06.2024		Questions discussion, remedial class

4th Semester

ECO-HC-4016: INTERMEDIATE MICROECONOMICS - II

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
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Mrs Runu Saloi	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.	25.01.2024 to 31.03.2024	20	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).	01.04.2024 to 19.04.2024	18	
	Markets with Asymmetric	Information Asymmetry, Adverse Selection, Moral Hazard, Signaling and Screening	20.04.2024 to	15	seminar

	Information		31.05.2024		
			1.06.2024 to 30.06.2024		Question paper discussion, remedial classes

ECO-HC-4026: INTERMEDIATE MACROECONOMICS – II

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Dr Padmaja Chetia	Economic Growth	Harrod-Domar model; Solow model; golden rule; technological progress and elements of endogenous growth.	25.01.2024 to 28.02.2024	15	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 consumption expenditure.b.Investment: determinants of business fixed investment; residential investment and inventory investment.c.Demand for money.	01.03.2024 to 11.04.2024	15	
	Fiscal and Monetary Policy	Active or passive; monetary policy objectives and targets; rules versus discretion: time consistency; the government budget constraint; government debt and Ricardian equivalence.	19.04.2024 to 10.05.2024	13	seminar
	Schools of Macroeconomic Thoughts	Classicals; Keynesians; New-Classicals and New-Keynesians.	11.05.2024 to 15.06.2024	12	
			15.06.2024 to 30.06.2024		Question paper discussion, remedial classes

ECO-HC-4036: INTRODUCTORY ECONOMETRICS

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Dr Biswajit Das	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.	25.01.2024 to 28.02.2024	16	
	Simple Linear Regression Model: Two Variable Case	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.	01.03.2024 to 31.03.2024	19	class test
	Violations of Classical Assumptions: Consequences, Detection and Remedies	Multicollinearity; heteroscedasticity; serial correlation.	01.04.2024 to 30.04.2024	19	
	Multiple Linear Regression Model	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.	01.05.2024 to 25.05.2024		class test
	Specification Analysis	Omission of a relevant variable; inclusion of irrelevant variable; tests of specification errors	26.05.2024 to 23.06.2024		class test

			24.06.2024 to 30.06.2024	06	Question paper discussion, remedial classes
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ECO-HG-4016: Principles of Macroeconomics–II

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Mrs Runu Saloi	IS-LM Analysis	Derivations of the IS and LM functions; IS-LM and aggregate demand; shifts in the AD curve.	25.01.2024 to 30.06.2024	56	
Dr Biswajit Das	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.	25.01.2024 to 30.06.2024	56	
Dr Padmaja Chetia	Inflation and Unemployment	Concept of inflation; determinants of inflation; relationship between inflation and unemployment, Phillips Curve in short run and long run.	25.01.2024 to 31.03.2024	56	
Dr Padmaja Chetia	Balance of Payments and Exchange Rate	Balance of payments: current account and capital account; market for foreign exchange; determination of exchange rate.	01.04.2024 to 25.06.2024	56	

6th Semester

ECO-HC-6016: INDIAN ECONOMY-II

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Dr Padmaja Chetia	Macroeconomic Policies and Their Impact	Fiscal Policy; trade and investment policy; financial and monetary policies; labour regulation.	25.01.2024 to 28.02.2024	16	class test
	Policies and Performance in Agriculture	Growth; productivity; agrarian structure and technology; capital formation; trade; pricing and	01.03.2024 to 31.03.2024	15	

		procurement			
	Policies and Performance in Industry	Growth; productivity; diversification; small scale industries; public sector; competition policy; foreign investment.	01.04.2024 to 14.05.2024	14	seminar
	Trends and Performance in Services		15.05.2024 to 25.06.2024	12	
			27.06.2024 to 30.06.2024	04	Question paper discussion, remedial classes

ECO-HC-6026: DEVELOPMENT ECONOMICS-II

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Mrs Runu Saloi	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.	25.01.2024 to 20.02.2024	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	21.02.2024 to 20.03.2024	12	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.	21.04.2024 to 20.05.2024	11	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.	21.05.2024 to 09.06.2024	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.	10.06.2024 to 30.06.2024	08	

ECO-HE-6036: The Economy of Assam

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Dr Padmaja Chetia	Changes and evolution of the economy in the economic under colonial rule (1837-1947)	Imposition of land revenue and its impact, prohibition of opium production and state takeover of opium trade, inflow in colonial investment in plantation, mining and other industries, development of water transport and railways, in-migration of population and its impact on the economy, shock of partition and its impact	25.01.2024 to 31.03.2024	12	class test

Mrs Runu Saloi	Growth trends and sectoral composition in the post independence period	Population growth trends before and after 1971, trends in demographic parameters, population density, sex ratio, life expectancy and infant mortality rate, workforce and labour force participation, occupational distribution. Trends in per capita NSDP in comparison with trends in all-India per capita income, trends in other indicators of development in comparison with all-India standards, literacy rate, enrolment ratio and forest cover-inter community differences in development attainments	25.01.2024 to 31.03.2024	10	class test
Dr Biswajit Das	Sectoral status and prospects	Infrastructure: state of road, rail and air connectivity within and out of the state, potentials and limitations of waterways development, status of power and telecommunication, financial system and inclusion Agriculture: Land holding patterns, land tenure and land reforms, cropping pattern, production and productivity of principal crop-diversification of the rural economy to horticulture, fishery, livestock and non-farm activities-prospects and challenges of the sector. Industry: state of the tea industry and role of small tea growers, state of hydrocarbon industry, other emerging industries-traditional handloom handicraft and their prospects, Service sector: size and composition	25.01.2024 to 30.04.2024	10	

Mrs Runu Saloi Dr Padmaja Chetia	State Finance	Public finance in Assam and the emerging challenges, trends and composition of revenue receipt and its implications, state taxes in Assam and the impact of GST, Strategies to enhance revenue receipt. Composition of public expenditure and its implications, the Assam FRBM Act: its implementation and outcome. Fiscal Devolution to local bodies	01.05.2024 20.06.2024	10	

Dr Biswajit Das	Assam economy and its neighborhood	Mutual inter-dependence with neighboring states- stakes of Assam in the Act East Policy	01.05.2024 to 20.06.2024	10	class test
			21.06.2024 to 30.06.2023	09	Question paper discussion

ECO-HE-6026: INTERNATIONAL ECONOMICS

Faculty Name	Unit	Content	Aims to be Completed	Class allotted	Remarks
Dr Biswajit Das	Introduction	What is international economics about?, subject matter of International Economics, An overview of world trade- its changing pattern.	25.01.2024 to 20.02.2024	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 of economies of scale and imperfect	21.02.2024 to 20.03.2024	15	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.	21.03.2024 to 30.04.2024	14	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.	01.05.2024 to 15.06.2024	12	
			16.06.2024 to 30.06.2024	04	Question paper discussion, remedial classes

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