

Teaching Plan for the Academic Session 2022-2023

DEPARTMENT OF ECONOMICS

For ODD Semester

1st SEMESTER(Honours COURSE)			
CCECOH-I (MICROECONMICS -I)			
NAME OF THE TEACHER	TOPIC	NO.OF CLASSES (lecture)	Tutorial
	Module I: Introduction		
Aparna Biswas	Nature and scope-scarcity and choice of Microeconomics.	2	1
	Module II: Demand & Supply		
Aparna Biswas	Concept of demand & supply functions, Market demand functions,	2	1
Aparna Biswas	Price, Income & Cross elasticities of demand, Elasticity of Supply,	4	1
Aparna Biswas	Concept of equilibrium, Impact of changes in demand & supply on equilibrium	4	1
	Module III: Theory of Consumer Behaviour		
Aparna Biswas	Concept of cardinal and ordinal utility, Marshallin utility analysis	2	1
Aparna Biswas	consumer's equilibrium, derivation of law of demand, consumer equilibrium in the more than one commodity, consumer's and producer'ssurplus.	6	1
Aparna Biswas	. Indifference Curve Analysis Axioms of Preference, Ordinal Utility Function, Indifference curve & Properties,	4	1
Aparna Biswas	Budget line and shifting, MRS, Consumer's Equilibrium; Price, Income and Substitution Effects: Hicksian & Slutsky Approaches, Ordinary and Compensated Demand Curves, Compensating Variation & Equivalent Variation, Income, Price & Substitution Effects in case of Inferior and Giffen goods, Shapes of Indifference Curves in exceptional cases	6	1
Aparna Biswas	. Revealed Preference Theory (RPT) Concept of RPT, Weak and Strong Axioms, Derivation of the Law of Demand	3	1

	Module IV:		
Aparna Biswas	Choice Under Uncertainty and Economic Information Utility function and Expected utility, Consumers Preferences, Risk Aversion and Indifference Curve, demand and Risk Assets, Asymmetric Information.	6	1
	Module V: The Theory of Production		
Aparna Biswas	Concept of Production function, Production with a single variable input, TP, AP & MP,	3	1
Aparna Biswas	Production with two variable inputs, Isoquant & economic region of production, MRTS, Optimal input combination, Constrained output maximisation	4	1
Aparna Biswas	Cost minimisation, Elasticity of substitution, Scale elasticity of output	3	1
Aparna Biswas	Cobb-Douglas and CES production function (basic properties only)	5	1
	Module VI: Theory of Cost		
Aparna Biswas	Different concept of cost, Short-run and Long-run cost analysis,	3	1
Aparna Biswas	modern concept: Saucer-type SAVC curve J and L Shaped LAC curve.	4	
Total		61	15

1st SEMESTER(Honours COURSE) CCECOH-II (Mathematica Methods for Economics-I)			
NAME OF THE TEACHER	TOPIC	NO.OF CLASSES (lecture)	Tutorial
Teacher-2	Module I: Sets and Functions-applications in Economics	10	2
Teacher-2	Module II: Matrices and Determinants-Applications in Economics	15	3
Teacher-2	Module III: Basic Calculus and Applications in Economics	25	3
Teacher-2	Module IV: Input-Output Analysis	15	2
Total		65	10

1st SEMESTER(PROGRAMME COURSE)

DSC-MICROECONMICS -I

NAME OF THE TEACHER	TOPIC	NO.OF CLASSES (lecture)	Tutorial
	Module I: Theory of Demand		
APARNA BISWAS	Problem of scarcity and choice: scarcity, choice and opportunity cost,	2	1
APARNA BISWAS	Demand : law of demand, determinants of demand, shifts of demand versus movements along a demand curve, market demand	3	
APARNA BISWAS	Supply;law of supply, determinants of supply, shifts of supply versus movements along a supply curve, market supply	3	1
APARNA BISWAS	market equilibrium, Applications of demand and supply: price rationing, price floors,	2	
APARNA BISWAS	consumer surplus, producer surplus	2	1
APARNA BISWAS	Elasticity: price, income & cross elasticities of demand, calculating elasticity, determinants of price elasticity.	3	
	Module II: Theory of Consumer Behavior		
APARNA BISWAS	Concept of utility,relation between TU and MU diminishing marginal utility, Diamond-water paradox	3	1
APARNA BISWAS	indifference curves and its properties	3	1
APARNA BISWAS	Budget line and its shifts	2	
APARNA BISWAS	consumer's equilibrium,derivation of demand curve from indifference curve and budget constraint	3	
	Module III: Theory of Production		
APARNA BISWAS	Production: short-run & long-run, , production functions, law of variable proportions,	3	1
APARNA BISWAS	Iso-quant and iso-cost lines, producers equilibrium, cost minimizing equilibrium condition.	3	

Module IV: Theory of Cost			
Teacher-2	Cost in the short run, costs in the long run, shapes of various cost curve	5	1
Teacher-2	Revenue and profit maximizations, minimizing losses	5	
Teacher-2	short run industry supply curve, economies and diseconomies of scale, long run adjustments.	5	1
TOTAL		47	8

3rd SEMESTER (PROGRAMME COURSE)

DSC-MICROECONOMICS -II

NAME OF THE TEACHER	TOPIC	NO. OF CLASSES	Tutorial/ test
Module I: Perfect Competition			
Aparna Biswas	Assumptions: theory of a firm under perfect competition and imperfect competition demand and revenue;	3	1
Aparna Biswas	equilibrium of the firm in the short run, supply curve	3	
Aparna Biswas	equilibrium of the firm and industry in the long run;	2	1
Aparna Biswas	long run industry supply curve: increasing, decreasing and constant cost industries	3	
Module II: Theory of a Monopoly Firm			
Aparna Biswas	Concept of imperfect competition; short run and long run price and output decisions of a monopoly firm, concept of a supply curve under monopoly;	3	1
Aparna Biswas	comparison of perfect competition and monopoly, natural monopoly	2	
Aparna Biswas	price discrimination	2	
Module III: Monopolistic and Oligopolistic Competitions			
Aparna Biswas	Monopolistic competition: Assumptions, SR & LR price and output determinations under monopolistic competition	3	1
Aparna Biswas	oligopoly: assumptions, oligopoly models,	2	
Module IV: Factor Pricing			

Aparna Biswas	Concepts of MPP, VMP and MRP – factor price determination – marginal productivity theory of distribution	4	1
Aparna Biswas	Rent: Concept of economic rent – Ricardian theory of rent	3	1
	Modern theory of rent and Quasi Rent	3	
Aparna Biswas	Wage: Money wage and real wage– factors determining real wage – differences in wage rates – role of collective bargaining in wage determination	3	1
Aparna Biswas	Interest: Gross and net interests –real and money interest	2	
Aparna Biswas	Profit: Gross profit and net profit – elements of profit – differences between profit and other factor incomes – risk and uncertainty, theories of profit.	4	
Toal		42	7

3rd SEMESTER(PROGRAMME COURSE)

SEC-RURAL DEVELOPMENT

NAME OF THE TEACHER	TOPIC	NO.OF CLASSES
	Module-I: Elements of Rural Development	
Aparna Biswas	Definition of Rural Areas, Concept of Rural Development, Nature and Scope of Rural Development in India	3
	Module-II: Policies and Programmes for Rural Development	
Aparna Biswas	overview of Rural Development Programmes since independence;	3
Aparna Biswas	Rural Development Programmes for Sustainable Development and Poverty Alleviation.: MGNREGA, SGSY, IAY, PMGSY	4
	Module-III: Indian Rural Economic Scenario	
Aparna Biswas	Demographic Structure of Rural India, Trends in Population Growth,	2
Aparna Biswas	Development of Rural Industries: Khadi and Village Industries Commission, District Industries Centre – Industrial Estates – Artisans Development	3
		15

5TH SEMESTER (PROGRAMME COURSE)
DSE-DEVELOPMENT ECONOMICS

NAME OF THE TEACHER	TOPIC	NO.OF CLASSES	Tutorial/class test
	Module I: Economic Growth and Economic Development		
Aparna Biswas	Concept of Growth Indicators of Economic Growth	2	1
Aparna Biswas	Economic Development , Indicators of Economic Development	3	
Aparna Biswas	Distinction between Economic Growth and Economic Development,	4	
Aparna Biswas	Human Development Index (HDI),	3	1
Aparna Biswas	GDI, GEM and HPI as Development Indicators.	3	
	Module II: Population		
Aparna Biswas	Relationship between Population and Economic Development,	2	1
Aparna Biswas	Features of India's Population Problem, National Population Policy-2000	2	1
Aparna Biswas	Occupational Distribution of Population	2	
	Module III: Capital Formation		
Aparna Biswas	Capital formation (Physical and Human); technology; institutions	3	1
Aparna Biswas	Capital-output Ratio, Role of Capital Formation in LDCs and its Problems, Trends of Savings and Capital Formation in India.	4	
	Module IV: Foreign Investment		
Aparna Biswas	Foreign Capital/Foreign Direct Investment (FDI), , Foreign Aid, Different forms of Foreign Investment	4	1
Aparna Biswas	Government Policy regarding foreign investment	2	1
Aparna Biswas	The Roles of foreign investment in Economic Development	2	
	Module V: International Financial Institution in Economic Development of LDCs		
Aparna Biswas	IMF	2	1
Aparna Biswas	World Bank	2	
	Total	40	8

**5TH SEMESTER (PROGRAMME COURSE)
SEC INDIAN ECONOMY -1**

NAME OF THE TEACHER	TOPIC	NO.OF CLASSES (LECTURE
	Module I: India's Economic Structure	
APARNA BISWAS	Main Features of Less Develop Countries (LDCs), Causes of Underdevelopment of the Indian Economy	2
APARNA BISWAS	India's Transition from Planned Economy to the Market Economy	1
	Module II: India's National Income	
APARNA BISWAS	Trends and Features of national income	1
APARNA BISWAS	Estimation and Difficulties in Measuring National Income in India.	1
APARNA BISWAS	Causes of Low Growth of National Income	1
APARNA BISWAS	Sectoral Composition of India's National Income,	1
	Module III: Agriculture	
APARNA BISWAS	Features of Indian Agriculture	1
APARNA BISWAS	Causes of Low Productivity and its Remedies	1
APARNA BISWAS	Role of Agricultural in India's Economic Development	1
APARNA BISWAS	New Technology and Green Revolution and its Effects	1
APARNA BISWAS	Agricultural Finance	1
APARNA BISWAS	Agricultural Marketing	1
	Module IV: Land Reforms in India	
APARNA BISWAS	Programme of Land Reform in India and its Evaluation, .	1
APARNA BISWAS	Land Reforms in West Bengal, Operation Barga in West Bengal	1
TOTAL		15

Teaching Plan for the Academic Session 2022-2023
DEPARTMENT OF ECONOMICS
For Even Semester

2nd SEMESTER .
PAPER - CCECOH-3 (MACROECONMICS-I)

Name OF THE TEACHER	TOPIC	No. of classes (lecture)	Tutorial
	MODULE-I		
Aparna Biswas	Introduction to macroeconomic variables, scope and nature, Microeconomic and macroeconomic approaches	2	1
	Module II: National Income Accounting-		
Aparna Biswas	Module II: National Income Accounting- Principles of national income accounting - --National Income as a measure- GDP, GNP, NDP, NNP and NI- Circular flow of income, Measurement of National Income and problems encountered- CPI, WPI and GDP deflator.	3	
	Module III: The Classical view of Macroeconomics--		1
Aparna Biswas	Say's law & Walras law (Barter exchange Model), Restatement of Say's law (in money economy and in relation to quantity theory of money),	3	1
Aparna Biswas	Determination of employment, output and prices, Wage-Price flexibility, The dichotomy between the real & monetary sectors	4	
Aparna Biswas	Aggregate demand & aggregate supply in the classical system, Quantity theory of money	2	1
Aparna Biswas	The Classical theory of interest rate, Policy implication of the classical equilibrium model	2	1
			1
	Module IV: Simple Keynesian Theory of Income Determination		
Aparna Biswas	Components of Effective Demand in a closed economy without government and with government, and in an open economy	2	1
Aparna Biswas	Determination of Equilibrium Income in a closed economy without government, closed economy with government, and in an open economy. Stability of equilibrium	3	1
Aparna Biswas	Multiplier- (Expenditure Multiplier, Balanced Budget Multiplier and Tax Rate Multiplier)	3	1

	Module V: The Keynesian System: Money, Interest and Income		
Aparna Biswas	Money in the Keynesian theory, Interest Rate Determination (Liquidity Preference Theory), Money Market, Bond market and Commodity Market ,	4	1
Aparna Biswas	Derivation IS-LM Curves, Determination of equilibrium income and interest rate,	5	1
Aparna Biswas	Effectiveness of Monetary and Fiscal policies in IS-LM Model, Crowding Out effect.	4	1
Total		37	12

2nd Semester			
Paper-CCECOH-4(Statistics-1)			
Teacher Name	Topic	No.of class	Class test
	Module I: Data Collection and Measures of Central Tendency and Dispersion		
Aparna Biswas	Basic concepts: population and sample, parameter and statistic; Data Collection: primary and secondary data, methods of collection of primary data;	5	1
Aparna Biswas	frequency distribution; cumulative frequency; graphic and diagrammatic representation of data;	5	
Aparna Biswas	Measures of Central Tendency: mean, median, mode, geometric mean, harmonic mean, their relative merits and demerits.	6	1
	Module II: Measures of Dispersion		
Aparna Biswas	Measures of Dispersion: absolute and relative - range, mean deviation, standard deviation, coefficient of variation, quartile deviation, their merits and demerits; Measures of Skewness and Kurtosis.	8	1
	Module III: Correlation and Regression Analysis		
Aparna Biswas	Correlation: scatter diagram, sample correlation coefficient - Karl Pearson's correlation coefficient and its properties, probable error of correlation coefficient, Spearman's rank correlation coefficient	5	1
Aparna Biswas	Two variable linear regression analysis - estimation of regression lines (Least square method) and regression coefficients - their interpretation and properties, standard error of estimate	5	1
	Module IV: Probability Theory		

Aparna Biswas	Sample Space, Probability Space, Events, Classical Definition of Probability, The Addition Rule, The Multiplication Rule, Theorems of Total Probability, Conditional Probability and Statistical Independence, Limitations of the Classical definition, Frequency definition, Axiomatic Approach, Bayes' Rule	7	1
Total		41	6

2nd Semester(Program course)			
Paper-DSC (Principles of Macroeconomics-I)			
Teacher Name	Topic	No.of class	Class test/Tutorial
	Module I: Introduction and National Income Accounting		
APARNA BISWAS	Concept of Macroeconomics, Circular flow of Income in Two, Three and Four Sector Economy,	2	1
APARNA BISWAS	Calculating National income, Macroeconomic Identities, Goods & Prices, GDP and Welfare.	4	
	Module II: The Consumption Function		
APARNA BISWAS	Concept of Effective demand, Consumption function, factors affecting Consumption function, APC, MPC, Relation between consumption and savings	4	1
	Concept of Multiplier.	2	
	Module III: Theory of Employment		
APARNA BISWAS	Types of Unemployment, Concept of Full employment, Classical theory of employment, Say's Law of Market	3	1
	Keynesian assumptions and theory of employment and output	2	
	Module IV: The Theory of Money		
APARNA BISWAS	Concept of money in a modern economy, Monetary aggregates, Demand for money, money supply; .	2	1
APARNA BISWAS	Quantity theory of money	3	
APARNA BISWAS	Liquidity preference and rate of interest	2	1
APARNA BISWAS	process of credit creation, monetary policy	3	
TOTAL		27	5

4th Semester(Program course)			
Paper- SEC(Money and Banking)			
Teacher Name	Topic	No.of class	Class test/Tutorial
	Module I:		
APARNA BISWAS	Concept of Money Functions of Money, Kinds of Money, Interest Rates and Return	3	
	Module II:		
APARNA BISWAS	Money Supply Traditional Monetary Aggregates, New Monetary Aggregates, Velocity of Money, Monetary Base, Credit Multiplier, Money Multiplier	4	
	Module III:		
APARNA BISWAS	Money Market Indian Financial Institutions, Call Money, Commercial Paper, Certificate of Deposit, Treasury Bill, Repo, Commercial Bill.	3	
	Module IV:		
APARNA BISWAS	Banking Institutions . Classification, Indian Banking System, Lead Bank Scheme, Action Plan and Service Area Approach, Regional Rural Banks, Assets and Liabilities of Scheduled Commercial Banks, Co-operative Bank	5	
TOTAL		15	

4th Semester(Program course)			
Paper-DSC (Principles of Macroeconomics-II)			
Teacher Name	Topic	No.of class	Class test/Tutorial
	Module I: Theories of Interest		
Aparna Biswas	Classical theory	2	1
Aparna Biswas	Neoclassical theory	2	
Aparna Biswas	Liquidity preference theory	3	
	Module II: Theory of Inflation –		
Aparna Biswas	Concept of inflation, deflation and stagflation: Concept of inflationary gap	3	1
Aparna Biswas	Distinction between demand pull and cost push inflation	2	1
Aparna Biswas	Anti-inflationary measures, and various effects of inflation	4	
	Module III: Government Budget and the Economy		

Aparna Biswas	Introduction, Meaning of government budget, Objectives, Components, Budget Receipts, Revenue Receipts	6	1
Aparna Biswas	Direct and Indirect taxes- merits, demerits and sources,	3	
Aparna Biswas	Developmental and non-developmental expenditures.	2	1
	Module IV: Theory of International Trade . -		
Aparna Biswas	Basis of trade, Distinction between internal and external trade, Gains from trade, Terms of trade,	2	
Aparna Biswas	Absolute and Comparative Advantage	4	1
Aparna Biswas	Arguments for free trade and protection,	3	
Aparna Biswas	Balance of trade and balance of payments: concept.	2	1
		38	7

4th Semester(Honours)		
Paper- GE(Indian Economy-II)		
Teacher Name	Topic	No.of class
	Module I: Indian Demography	
APARNA BISWAS	Population Problem, Population growth in India, Population Polices in India, Sex composition of population in India	3
	Module II: Public Finance in India	
APARNA BISWAS	Features of Indian tax system, Major Direct and Indirect Taxes,	1
APARNA BISWAS	Public debt in India,	1
APARNA BISWAS	Centre-State financial relations.	2
	Module III: International Environment	
APARNA BISWAS	Trend in world trade and the problems of developing countries, Foreign trade and Economic development,	2
APARNA BISWAS	International Economic Institutions- GATT, WTO, World Bank, IMF	2
	Module IV: India's Monetary System	
APARNA BISWAS	Issues of Currency in India, Money supply and its components,	2
APARNA BISWAS	Functions of RBI, Monetary policy of RBI, Bank Nationalization in India: Objectives and Performances	2
	TOTAL	15

6th Semester(Program course)			
Paper- DSC(Basic Statistics)			
Teacher Name	Topic	No.of class	Class test/Tutorial
	Module I: Classification of Data		
APARNA BISWAS	Nature, Significance and Limitations of Statistics - Collection of data - Primary and Secondary Data -Methods of collecting Primary Data	4	1
APARNA BISWAS	Classification and Tabulation of Data	4	1
	Module II: Graphical Representation		
APARNA BISWAS	Diagrammatic and graphical representation of data - Bar diagrams - One dimensional and Two dimensional diagrams, Pictograms and Cartograms, Frequency Distribution - Univariate and Bivariate Frequency Distributions, Histogram, Cumulative Frequency Curve and Ogive	8	1
	Module III: Central Tendency		
APARNA BISWAS	Measures Important Properties of Arithmetic Mean (AM), Geometric Mean (GM), Harmonic Mean (HM). Relation between AM, GM and HM.,	9	2
	Median and Mode with examples	5	1
	Module IV: Measures of Dispersion		
APARNA BISWAS	Meaning and Necessity of Measures of Dispersion, Range, Quartile Deviation, Mean Deviation (MD),	7	1
APARNA BISWAS	Standard Deviation (SD) with examples, Properties of Standard Deviation, Coefficient of variation	7	1
	Module V: Concept of Correlation		
APARNA BISWAS	Simple Correlation - Karl Pearson's coefficient of correlation,	4	1
APARNA BISWAS	Spearman's Rank Correlation-Simple cases	2	1
TOTAL		50	10

6th Semester(Program course)		
Paper- SEC(Indian Economy-II)		
Teacher Name	Topic	No.of class
	Module I: Industry	
APARNA BISWAS	Meaning and Scope of Small-scale and Cottage Industries, Expansion of Small scale and Cottage Industries, Importance, Problems of India's Small-scale Industries, Role of Cottage and Small Scale industry in India's economic development, Problems and Solutions	3
	Module II: Industrial Labour	
APARNA BISWAS	Globalization and Indian Industry , Industrial Relations,	2
APARNA BISWAS	Industrial Disputes and Social Securities in India.	2
	Module III: India's Foreign Trade	
APARNA BISWAS	Problems of Foreign Trade, Volume and Direction of Trade in the Post Liberalisation Period, Recent Balance of Payments Problems and its Remedies	4
	Module IV: India's Economic Planning	
APARNA BISWAS	Objectives of Planning in India, Characteristics of Indian Plans, Achievements and Failures of India's Five Year Plans.	4
TOTAL		15