LESSON PLAN (DEPARTMENT OF ECONOMICS)

PAPER-WISE OBJECTIVES

Semester I

Introductory Microeconomics (CC I)

- Introductory microeconomics helps understand how individuals make decisions regarding consumption, production, and allocation of resources.
- The study enables students to understand consumer preferences, utility maximization, and the behavior of firms in different market structures.
- It provides a foundational understanding of basic economic principles such as supply and demand, opportunity cost, marginal analysis, and elasticity.

Mathematical Methods for Economics I (CC II)

- Mathematical economics equips students with mathematical techniques and methods that can be applied to analyze economic problems.
- Mathematical economics enables economists to develop quantitative models that can be used to make predictions about economic outcomes.

Semester II

Introductory Macroeconomics (CC III)

Introductory macroeconomics enables students to analyze the overall performance of an economy, including its output levels, price stability, and employment rates.

Mathematical Methods for Economics II (CC IV)

- In this paper, students learn difference equations, differential equations, optimization theory, and linear and non-linear programming. These tools allow students to model complex economic problems and derive optimal solutions.
- Studying mathematical economics enables students to develop quantitative skills, and a deeper understanding of economic theory.

Semester III

Intermediate Microeconomics I (CC V)

- Studying intermediate microeconomics helps students understand the conditions for market equilibrium and efficiency in various market structures, such as perfect competition.
- Intermediate microeconomics deals with a more comprehensive understanding and it explores topics such as consumer behavior, and production theory in greater detail.

Intermediate Microeconomics I (CC VI)

- It introduces students to various macroeconomic theories and schools of thought, such as classical economics, Keynesian economics, and monetarism.
- Advanced macroeconomics aims to provide a deeper understanding of macroeconomic theory on money demand, money supply, and government budgetary operations.

Statistics for Economics (CC VII)

- Students will understand how to summarize and describe data using statistical measures such as mean, median, mode, variance, and standard deviation.
- Gain an understanding of probability theory, including concepts such as random variables and their probability distributions, random variables.
- They will acquire knowledge of various statistical methods and techniques used for data analysis, including parametric and non-parametric tests that are useful for statistical estimation.

Data Analysis [SEC A(1)]

- Data analysis aims to understand the underlying patterns, trends, and relationships within the data. This involves exploring the data to gain insights into the phenomena being studied.
- Data analysis helps in visualizations and conveys complex information clearly and understandably.
- Students will learn how to analyze data using statistical techniques and qualitative analysis methods.

Semester IV

Intermediate Microeconomics II (CC VIII)

- Studying intermediate microeconomics II aims to deepen students' understanding of topics, such as imperfect market structure including monopoly, monopolistic competition, and oligopoly.
- Studying the paper helps students to understand topics related to general equilibrium, efficiencies, and welfare.

Intermediate Macroeconomics II (CC IX)

- The paper provides a detailed analysis of New Keynesian models, the Real business cycle models, its causes, characteristics,
- Students study various theories of consumption, including Keynesian theories, life cycle theory, permanent income hypothesis, relative income hypothesis, and inter-temporal theory of consumption.
- The paper also covers the topics related to the theory of growth which are useful for the students in understanding the overall performance of the economy.

Introductory Econometrics (CC X)

- In introductory econometrics, students learn how to specify regression models, estimate model parameters, and interpret regression results.
- The issues such as multicollinearity, heteroscedasticity, and autocorrelation that may arise in regression analysis are also taught in this paper which helps them to deal with the real-life data.

Research Methodology [SECB(1)]

- Students will learn how to design research studies. They can select research questions, formulate hypotheses, and choose the most suitable research design.
- They will learn how to conduct a literature review, identify gaps in the literature, and develop research questions or hypotheses.

Semester V

International Economics (CC XI)

- Students learn about the patterns, determinants, and consequences of international trade in goods and services. This includes studying theories of comparative advantage, gains from trade, trade barriers, trade agreements, and trade policy instruments.
- Students learn about the determinants of exchange rate movements and the implications of exchange rate regimes.
- International economics aims to provide students with a broad understanding of the trading patterns of the economies in a globalized world.

Indian Economy (CC XII)

- Studying the Indian economy students learn about the process of economic development, growth, and structural transformation in the economy.
- Students study the issues of income inequality, poverty, and social disparities in the Indian economy.
- Students learn about India's economic reforms and liberalization measures initiated in the 1990s and their impact on economic growth, investment, trade, and poverty reduction.

Applied Econometrics [DSE A(1).1]

- studying applied econometrics aims to equip students with the knowledge, skills, and analytical tools needed to analyze economic data, and conduct empirical research.
- Applied econometrics helps students develop a deeper understanding of economic data, such as time series data, cross-sectional data, and panel data.

Economic History of India (1857-1947) [DSE A(1).2]

- Studying the Economic History of India is important for gaining a comprehensive understanding of the country's economic development.
- Studying economic history helps in identifying the key factors that have influenced economic change in India. This includes understanding the impact of colonialism, trade patterns, and changes in infrastructures.

- Students study the colonial period and historical processes of economic development and growth in India.
- They study how factors such as trade, investment, infrastructures, and government policies during the British regime have contributed to economic advancement and prosperity over time.

Financial Economics [DSE B(1)]

- Studying finance, students will acquire skills in investment analysis and portfolio management.
- They will learn how to apply financial models and theories to make informed investment decisions

Semester VI

Public Economics (CC XIII)

- Students learn about the nature of public goods, properties, and differences between public goods and private goods.
- In Public finance students learn about government expenditure in the forms of taxation, the principle of taxation, and the nature of government spending.

Development Economics (CC XIV)

- Development economics aims to understand the processes that lead to sustained economic growth in developing countries.
- studying development economics provides insights into the complex processes of economic development and equips students with the knowledge needed to formulate strategies for promoting prosperity, reducing poverty, and achieving sustainable development.

Money and Financial Markets [DSE A(2).1]

- In this paper, students will gain a comprehensive understanding of core financial concepts such as risk and return, diversification, leverage, and financial market problems.
- They will learn about the structure and functioning of financial markets including stock markets, bond markets, money markets, banks,
- Studying this paper will help them understand the principles of international finance, including foreign exchange markets, exchange rate determination, international capital flows, and global financial crisis.

Environmental Economics [DSE B(2).1]

- Studying environmental economics is essential for addressing environmental challenges, and promoting sustainable development.
- Environmental economics contributes to the study of environmental justice by examining how environmental benefits and costs are distributed among different individuals.

Issues in Development Economics [DSE B(2).2]

- Studying issues in development economics is essential for understanding the complexities of economic development, identifying effective policy interventions, and promoting inclusive and sustainable development outcomes in developing countries.
- Studying development economics, students will understand the role of economic institutions, including government policies, legal frameworks, and social norms, in shaping development outcomes.

CCF-2022

Semester I

Microeconomics (CC I) Major

- It provides the knowledge of basic economic principles, including supply and demand, consumer behavior, production, and cost.
- Studying microeconomics provides a fundamental understanding of how individuals and businesses make decisions.

Introductory Statistics and Economic Applications I(SEC I)

- Basic statistics teaches techniques for summarizing and describing data, including measures of central tendency (mean, median, mode), dispersion (range, variance, standard deviation), and graphical representation (histograms, box plots, scatter plots).
- It introduces fundamental concepts of inferential statistics, such as hypothesis testing, confidence intervals, and regression analysis.

Microeconomics (CC I) Minor

• It helps students to become knowledgeable by understanding economic issues facing their communities and countries,

• It enables them to participate in discussions on economics and decision-making processes effectively.

Elementary Economics (IDC I)

- Studying the paper provides a general understanding of economic decisions made by individuals and firms.
- By studying this paper students will understand how economic decisions shape economic outcomes.

Lesson Plan – Prof. Sumana Dutta

CBCS

Semester	Paper	Unit	Sub-Topics	No. of Lectures	Outcomes	Class Exercises
I	CCI	Unit 1 Exploring	*Scope and Method of	2	Students will be able to	Short questions on
	Introductory	the subject matter	Economics: Wants, Scarcity,		understand the basic	basic concepts are
	Microeconomics	of Economics	Competing Ends and Choice		concepts like scarcity,	given.
			- Defining Economics.		opportunity cost,	
			* Thinking like an		production, consumption	
			economist: Basic Economics	2	etc.	
			Questions, Microeconomics			
			and Macroeconomics,		Once the students	
			Normative Economics and		understand the concept of	
			Positive Economics.		comparative advantage	
					they are able to analyse	
			*Principles of		that countries with lower	
			Microeconomics –	3	opportunity cost with	
			Principles of individual		respect to a particular	
			decision making and		commodity will specialise	
			principles of economic		in production of that	
			interactions.		commodity.	
			*Introduce trade off,			
			opportunity cost, efficiency,	3		
			marginal changes and cost-	5	Students able to examine	
			benefit, trade, market		the role of prices as signal	
			economy, property rights,		of scarcity, demand and	
			market failure, externality		opportunity cost in market	
			and market power.		economies.	

		* Interdependence and the		Students able to examine	
		Gains from Trade-	3	the conceptual foundations	
		production possibilities		of utility theory including	
		frontier and increasing costs.		concepts like indifference	
				curve, consumers'	
		* Absolute and comparative		equilibrium, income and	
		advantage, comparative		price consumption curve	
		advantage and gains from	4	and so on.	
		trade.			
		* The Evolution of Market			
	Jnit 3 Market	Economies, Price System			
a	nd Adjustments	and the Invisible Hand. The			
		Decision-takers -	4		
		households, firms and central authorities	4		
		central authornies			
		* The Concepts of Markets-			
		individual market,			
		separation of individual	4		
		markets, interlinking of	7		
		individual markets.			
		Difference among markets-			
		competitiveness, goods and			
		factor markets, free and			
		controlled markets.			
					Exercises based on
		*Market and non-market			drawing some basic
		sectors, public and private			curves are given.
		sectors, economies- free			
		market, command and	2		
		mixed.			

			T	
	* Different goods: Public goods, Private goods, Common resources and Natural Monopolies			
Unit 6 Utilitarian Approach	* The History of Utility Theory – From Cardinal to Ordinal Approach.	1		
	* Utility in Cardinal Approach- Utility and choice, Total Utility and Marginal Utility, Utility and choice-maximization, marginal utility, theory of demand.	2		
	* Ordinal utility: Assumptions on preference ordering, indifference curve, marginal rate of substitution and convexity of IC, budget constraint.	3		Numerical exercises were given to find out Total utility and marginal utility. The use of basic
	*consumers' equilibrium - interior and corner, Derivation of Demand Curves from ICs, composite good convention.	2		calculus to derive slope and curvature is shown. (A class test of one hour duration will be conducted after

			*Application: Cash subsidy versus subsidy in kind .Price consumption curve, Income consumption curve, and Engel curve.	1		completion of the course)
			* Price effect - Income and Substitution effect (Hicks and Slutsky), inferior goods and Giffen goods, Marshallian and compensated demand curve	2		
II	CC III	Unit 1	*Macroeconomic data-	3	Students learn to use	Few MCQs were
	Introductory	National Income	Basic concepts of National		national income	given for doubt
	Macroeconomics	Accounting	Income accounting. The circular flow.		accounting to assess and compare living standards across different regions	clearance.
			*Concepts of GNP, GDP, NNP, and NDP at market price and at factor cost.	4	and countries. They understand how measures such as GDP per capita can provide insight into	
			* The measurement of the		the material well-being	
			National Income-Value	4	and quality of life of a	
			Added Method and Expenditure Method. The	4	population.	
			problem of double counting.		Learners will be able to	
			*The role of Government.		explore the classical view	
			Concepts of Corporate		of the market as self –	
			Income, Corporate Savings,		regulating and this	
			Personal Income, Personal		automatic mechanism will	
			Disposable Income and	4	lead to full employment	

	Personal Savings. Saving-		equilibrium. By learning	
	Investment gap and its		about the Quantity theory	
	relation with budget deficit		of money they develop the	
	and trade surplus.		idea that inflation is	
	and trade surprus.		sometimes a monetary	
	*National Income		phenomenon.	
	accounting and cost of		phenomenon.	
	living. Basic idea of India's			
	national income		Students will be able to	
	national meome		connect the link between	
			the bond market and the	
			money market under	
	*Basic ideas of Classical	4	Walras Law. Students can	
	Macroeconomics; Say's		evaluate the implication of	
	Law and Quantity Theory of		the acceleration principle	
	Money, Loanable fund		for economic policies.	
	theory;		for economic poneres.	
	theory,			
Unit 3	*The Classical Theory of			
The Classica		6		To draw the real
System	determination; full	O		sector in the
System	Employment and wage-price			classical model.
	flexibility; Classical			ciassicai inoaci.
	Dichotomy and Neutrality of			
	Money.			
	*The bond market as the			
	mirror image of the money	4		
	market-the Walras' Law.			

		Unit 4 Macroeconomic Foundations -I	*Relationship between bond price and rate of interest- the concept of Keynesian liquidity preference schedule-speculative demand for money and liquidity trap. *Investment function: Concepts of Marginal productivity of capital, the marginal efficiency of capital (MEC) and the marginal efficiency of investment (MEI)-	5		Short questions are given. (A class test of one hour duration will be conducted after completion of the course)
			* Jorgenson's neo-classical theory- Acceleration principle- fixed and variable. Multiplier-accelerator interaction	6		
III	CC V Intermediate Microeconomics – I	Unit 1 Theories of Consumer Behaviour and Applications	*Inter-temporal choice (saving and borrowing) *Revealed preference. *Choice under uncertainty – utility function and expected utility, risk aversion, and risk preference.	4	Students can understand different strategies firms or individual adopts to mitigate risk. They understand how revealed preference theory is used to test the consistency and	Simple sums on revealed preference and choice under uncertainty were given.
			* Applications of Consumer Behaviour in Construction of Price Indices – Laspeyers and Paasche's indices 2.	6	rationality of an individual's choices over time.	

CC VI	Unit 2	*Derivation of aggregate	5	A comprehensive	Diagrams of the
Intermediate	Aggregate	demand curve. Derivation		understanding of	comparative static
Macroeconomics-		of aggregate supply curves		macroeconomic	effects of monetary
1	Aggregate	both in the presence and		equilibrium is developed.	and fiscal policies
	Supply- The	absence of wage rigidity.		Students were able to	were given.
	Complete	* D 19 1 1 1 1 1 1		understand the process of	
	Keynesian Model	* Equilibrium, stability, and	4	income determination in	
		comparative statics-effects	4	complete Keynesian	
		of monetary and fiscal		model with Ad-AS tools.	
		policies. Effects of wage cut.			
		* Unemployment			
		equilibrium and its causes-	4		
		possible solutions including	4		
		real balance effect.			
	Unit 3	*Keynesian vs classical	7	Students will be able to	Exercise is given to
	Keynes vs.	system. Hybrid models	,	understand the strengths	write the basic
	Classics	under Classical/Keynesian		and weaknesses of both	difference between
		framework.		systems.	classical and
		*Friedman's restatement of	3	3	Keynesian system.
		classical idea.			
	Unit 4	*Measures of money supply	3	One can assess the level of	Simple numerical
	Money Supply,	with special reference to		liquidity in the economy,	exercises on money
	Monetary Policy,	India (M1,M2, M3 and M4)		monitor inflationary	multiplier,credit
	and Government	Balance sheet view of		pressures and identify	multiplier is given.
	Budgetary	money supplied by the		potential risks to financial	
	Operations	banking sector as a whole.		stability. Students will	
				learn that bank is the sole	
		*High powered money –		financial Institution that	
		definition • Balance sheet of	3	can create credit, hence	

December Only of India - : 1			
Reserve Bank of India and		can multiply money	
High powered money.		supply via money	
		multiplier.	
* Balance sheet of			
Commercial banks and basic	6		
ideas of money multiplier			
theory. • Deposit multiplier,			
currency multiplier, reserve			
multiplier, credit multiplier			
and money multiplier in the			
context of the theory of			
money supply .			
money suppry.			
* Interest sensitivity of			
money supply and the slope	4		
of the LM curve	т		
Monetary policy – Open			
Market Operations,			
Statutory Liquidity Ratio,			
Bank rate, variable reserve			
ratio, repo rate.			
***	4		
*Government Budget	4		
Deficit and Deficit			
Financing-Indian			
illustration. Deficit			
financing and monetary			
policy.			

Unit 5 Inflation,	*The concept of Inflationary	5	Helps in developing	Short questions
Unemployment and Expectations	Gap. • Demand pull vs. Cost push inflation • Mark-up inflation • The concept of stagflation.		insight into the inflation- unemployment relationship via the Phillips curve. They will be able to analyze the	were given.
	* Central Bank's role in controlling inflation: Monetary policy. Inflation and unemployment tradeoff.	5	reasons behind the positively sloped supply curve under different market conditions. Above all, one can understand	
	* Four models of aggregate supply: The Sticky-Wage Model, The Worker- Misperception Model, The	5	that rational expectations can bring painless disinflation.	
	Imperfect Information Model, and The Sticky-Price Model.			Text book end
	* Deriving the Phillips Curve from the Aggregate Supply Curve. Short-run and long-run Phillips curve – role of adaptive	5		questions on Phillips curve is given as exercise. (A class test of one
	expectations and rational expectations. Disinflation, Sacrifice Ratio, and policy ineffectiveness.			hour duration will be conducted after completion of the course)

	CC VII Statistical Methods for Economics	Unit 3 Elementary Probability Theory	*Sample spaces and events (concepts and definitions using set theory). * Axiomatic definition of probability and properties, theorem of total probability. * Conditional probability, theorem of compound probability. * Bayes' theorem and its applications	3 3 3	Studying Probability theory fosters critical thinking skills by encouraging individuals to evaluate evidence, assess uncertainty and draw logical conclusions.	Problems of probability were given.
	SEC A(1) Data Analysis	Unit 2 Indian Official Statistics (Basic Concepts)	* National Sample Survey Office (NSSO) – Household Consumer Expenditure Survey Rounds, Employment and Unemployment Survey Rounds.	4	Students gain the knowledge of how to analyze socio-economic trends including income, consumption, education, health, etc. with the help of NSSO data.	
IV	CC VIII	Unit 3 General Equilibrium,	*General Equilibrium and Economic Efficiency- Exchange, production and	10	Students will understand the tradeoff between efficiency and equity. By	

Intermediate	Efficiency, and	welfare, Pareto Optimality,		learning about market	Short questions
Microeconomics	Welfare	Edgeworth box and contract		failures, and externalities	were given.
II		curve.		they can develop policy recommendations to	, and the second
		* Pareto efficiency and		address the problem of	
		perfect competition,		inefficiencies.	
		Reasons for Market failure,			
		Pareto efficiency and market			
		failure (externalities and	10		
		public goods), property			
		rights, and Coase Theorem.			
		*Manlanta raith a saran an atai a			
		*Markets with asymmetric information-adverse	5		
			3		
		selection, moral hazards,			
		agency problems (concepts only			
CC IX	Unit 3 Economic	*Demand for money	5	A deeper understanding	
Intermediate	Growth	* Harrod and Domar models	12	will develop regarding the	
Macroeconomics	Grown	of economic growth.	12	factors influencing growth	
II		* Solow one sector growth	12	for example capital	
11		model-golden rule	12	accumulation,	
		dynamic efficiency.		technological progress,	
		* Technological progress	8	human capital	
		*Elements of endogenous		development etc. They can	
		growth theory-basic ideas-	10	apply their knowledge in	
		the AK model		predicting future growth	
				trends.	
CC X	Unit 1 Nature and	*Distinction between	8	Econometric models based	Problems on
Introductory	Scope of	Economic Model and		on classical linear	econometrics were
Econometrics	Econometrics	Econometric model Concept		regression framework	given.
		of stochastic relation, Role		allow students to test	

Γ			of non-done distantance in the			
			of random disturbance in the		economic theories using	
			econometric model.		empirical data.	
			Application of Econometrics			
			in different branches of		CLRM can be used by the	
			social science.		students for forecasting	
					and prediction of future	
		Unit 2 Classical	* The classical assumptions		outcomes.	
			(basic interpretation).			
		Model (Simple	Concepts of population	12		
		linear regression	regression function and			
		and multiple	sample regression function.			
		linear regression)				
	SEC B(1)	Unit 1	*Locating the basic issues-	2	Students learn to critically	Exercises on
	Research	Methodological	theme-based literature		appraise research studies,	reviewing a journal
	Methodology	Issues	survey and motivation		and identify	article are given.
			behind any study.		methodological strengths	
					and weaknesses of	
			*objectives of the study		research findings. They	
			development of writing	2	learn to prepare	
			skills • Designing the		questionnaires, methods of	
			sampling frame in case of		collecting samples, sample	
			field survey- the role of a		designing, and	
			pilot survey		interpretation of data.	
			*The role of random	2		
		Unit 2	numbers in drawing a			
		O	* Methods behind the	2		
				_		
			1 1			
			, ,			
		Methodological Issues	random sample	2		

			data and graphs for data interpretation. * Theoretical and Empirical Research in Economics. Common sections of an ideal research paper in Economic	2		
V	CC XI International Economics	Unit 5 Trade Policy	*Partial Equilibrium Analysis of Tariff - cost— benefit, Quota, Quota- Tariff equivalence & nonequivalence, monopoly effects of quota, subsidy, and voluntary export restraint. * General Equilibrium Analysis- the distinction	5	Students learn about the purpose, design, and effects of each policy and their role in shaping international trade. They also learn how the optimum tariff rate is decided for different countries. In the general equilibrium framework, they also understand how tariff causes a decrease in	A class test of one- hour duration will be conducted after completion of the allocated syllabus.
			between large and small economies, welfare effects of a tariff on small country and large country. * Tariff-ridden offer curve, Tariff war, Optimum tariff for large economy, Metzler's Paradox	2	welfare especially for small countries.	
	CC XII Indian Economy	Unit 1 Economic Development Since Independence	*Growth and development under different policy regimes (from planning to market-based development)	4	It gives a comprehensive idea of different policies adopted during the planning period. The first	2 marks questions are given.

				1 0 1
		- Objectives, achievements,		three five-year plans are
		and failures of Planning.		different from the rest of
				the plans because it is
		*Economic crisis during the	4	based on the principle of
		late 1980s.		the socialistic pattern of
				society. In the post-reform
		*Economic Reforms –	5	period market market-
		Critical Analysis Structural		driven policies were given
		changes in the post-reforms		priority.
		period		
		*Regional variation of		
		growth and development.	5	
DSE A(1).2	Unit1			Students learned the
Economic	Impact of British	*Deindustrialization	10	transformation of the
History of India	rule on India	*Commercialization of	10	agrarian economy from
(1857-1947)		agriculture		subsistence farming to
		* Economic Drain.	12	cash crop cultivation.
				De-industrialization and
	Unit 2			drain theory help them to
	Aspects of	*Land policy, Policy of	10	understand the history of
	_	Discriminating Protection		exploitations by the
	in British India	*Early Industrial	10	Britishers and how
		Development and Managing		resources were channeled
		Agency System		by them to enrich their
				self-interest.
		*Currency and monetary	10	
		policy		The development of
				Railways is a landmark in
		*Development of	12	Indian Economic History.
		infrastructure – Railway		Students will learn the
				different phases of its

	DSE B(1) Financial Economics	Unit 1 Investment Theory and Portfolio Analysis	*Deterministic cash-flow streams: Basic theory of interest; discounting and present value; internal rate of return; evaluation criteria; fixed-income securities; bond prices and yields; interest rate sensitivity and duration; immunization; the term structure of interest rates; yield curves; spot rates and forward rates.	15	development. They will also understand the reasons behind the evolution of Gold currency standards, Managing Agency systems, and so on. They will learn about the important tools like PV, and IRR in investment analysis and decision making. They will understand the concepts of fixed-income markets like yield curves, Spot rates. cash flow.	Few sums were given.
VI	CC XIII Public Economics	Unit 1 Government in a Market Economy	*Market failure and externalities; public and merit goods; *Government intervention; * Public Expenditure for financing development	5	By studying market failure, individuals can comprehend the conditions under which markets may not allocate resources efficiently. This understanding is crucial for policymakers, economists, and business	Short and medium-type questions are given. (A class test of one hour duration will be conducted after completion of the allocated syllabus)
		Unit 3 The Revenue and	*Classification of Taxes; Canons of Taxation; Principles of Taxation -	8	leaders to identify instances where intervention may be	

Eyne	nditure of Be	enefit Principle, Equal		necessary to improve	
		acrifice Principle, Ability		overall economic welfare.	
line o		Pay Principle; Incidence		overan economic wenare.	
		nd Burden of Taxes;		Externalities often lead to	
	all	id Buideli of Taxes,			
	14.1	Tice is the second		market distortions, where	
		Effects of taxation on	0	prices do not reflect the	
		come distribution, work	8	full social costs or benefits	
		forts, and savings, The		of goods and services.	
		affer curve; Comparison		Learning about	
		etween direct and indirect		externalities in public	
	tax	xes – income and		finance helps individuals	
	su	ibstitution effects;		understand how taxation	
	Op	ptimal Taxation		policies, such as Pigovian	
				taxes, can internalize	
				external costs and	
				benefits, leading to more	
				efficient resource	
				allocation.	
CC XIV Unit	1 *I	Income Approach and	5	Students will understand	Long questions
Development Mean	ning of Ca	apability Approach,		the difference between the	were given.
		onstruction and		income approach and the	
Deve	lopment int	terpretation of HDI;		capability approach of	
		international variations in	2	development. The	
	de	evelopment measures;		capability approach	
		omparing development		highlights the importance	
		ajectories across nations		of expanding individuals'	
		nd within them.		capabilities and freedoms	
	*]	Dependency school of	3	to lead lives they value,	
		evelopment.		whereas the income	
		1		approach primarily	
				focuses on economic	
				indicators and monetary	

				wealth as measures of development.	
	Unit 6 Political Institutions and the State	*Definition of institutions, Evolution of Political and Economic Institutions. The determinants of democracy.	4	They have learned the evolution of different political institutions and what are the crucial	Long questions were given for practice.
		*Alternative institutional trajectories and their relationship with economic performance.	5	factors for good governance. They will be able to highlight the reasons behind	(A class test of one hour duration will be conducted after completion of the
		*Within-country differences in the functioning of state institutions. State ownership and regulation. Government failures and corruption	5	Government Failure and will try to frame policy recommendations to correct corruption and red tape.	allocated syllabus)
DSE A(2).1	Unit 3	*Determination; sources of	9	By learning about interest	A few short notes
Money and Financial	Financial Markets and Interest Rates	interest rate differentials; *Theories of term structure	6	rate differentials and term structure theories,	were given.
Markets	Behaviour.	of interest rates; interest rates in India		individuals can explore strategies such as yield curve positioning, duration management, and interest rate swaps to mitigate interest rate risk, optimize portfolio returns, and enhance financial resilience.	
DSE- B(2)	Unit 5	Direct and Indirect Methods	8	Individuals equipped with	Short questions on
Environmental	Measuring the	of Valuation – Contingent		knowledge of valuation	concepts are
Economics	Values of Environmental	valuation, Travel Cost, hedonic Pricing – basic		methods can make informed decisions	discussed.
		concepts only (no		regarding environmental	

		Costs and Benefits	econometric techniques) – when they should be used, what are the advantages and disadvantages of these methods		policies, resource management, and sustainable development. They can assess the economic implications of different options and choose the most socially beneficial course of action.	
	DSE B(2).2 Issues in Development Economics	Unit 2 Land, Labor, and Credit market.	*The distribution of land ownership; land reform and its effects on productivity. * Contractual relationships between tenants and landlords Land acquisition; nutrition and labor productivity informational problems and credit contract * Microfinance, Interlinkages between rural factor markets	5 5	Learning about land, labor, and credit markets yields several significant outcomes. Students understand how these markets allocate scarce resources efficiently. It provides insights regarding the design and implementation of policies aimed at promoting economic development, social inclusion, and financial stability.	Short and medium questions were given.
I	GE I Introductory Microeconomics	Unit 3 The Households	*Utility maximization-the cardinal approach. Total utility and marginal utility-law of diminishing marginal utility-relation between the law of demand and law of diminishing marginal utility.	4	concepts of optimum choice, the price consumption curve, and the income consumption curve are central to understanding consumer behavior and decision-	

			I Itility maximization andinal		malring in
			Utility maximization ordinal		making in
			approach.		microeconomics. They
				4	provide insights into how
			*Consumption decision and		consumers allocate their
			the budget constraint,		limited income among
			consumption and		different goods and how
			income/price changes,		changes in prices and
			description of preferences		income influence
			(representing preferences		consumption patterns.
			with indifference curves);		
			*properties of indifference	4	
			curves; consumer's		
			optimum choice; the price		
			consumption curve and the		
			income consumption curve.		
			1		
			*derivation of the demand	4	
			curve from price		
			consumption curve; income		
			and substitution effects		
II	GE II	Unit 3	*Basic ideas of the classical	7	They understand that
	Introductory	The Classical	system, Law, and Quantity	•	classical theory provided
	Macroeconomics	System	Theory of Money.		valuable insights into
		System	*classical theory of income		economic behavior and
			and employment	8	laid the foundation for
			determination	· ·	modern economics,
					Keyne's challenged many
					of the assumptions of
					classical economics,
					, and the second
					especially regarding the
					possibility of full

		Unit 4 Money Supply and Money Demand	*Supply of money *demand for money	6	employment equilibrium and wage-price flexibility.	(A class test of one hour duration will be conducted after completion of the allocated syllabus)
III	GE III Issues in Economic Development and India	Unit 1 Meaning of Economic Development 25 lecture hours	*Meaning of economic development; growth vs. development; concept of human development and its measurement, population and human development;	5	Students will understand that economic development encompasses not only economic growth but also broader objectives such as poverty reduction, social inclusion,	
			*education and health sectors in India; features and causes of underdevelopment of the Indian economy;	5	environmental sustainability, and the expansion of human capabilities. Human development emphasizes	
			*growth and development of the Indian economy under different policy regimes	8	the importance of improving people's lives and expanding their opportunities while considering factors beyond traditional economic measures.	
IV	GE IV Indian Economic Policies	Unit 3 Policies and Performance in Industry	Growth; productivity; diversification; small scale industries; public sector; competition policy; foreign investment.	18	They learn the importance of fostering productivity, promoting diversification, supporting small-scale industries, managing the public sector, ensuring	

	competition, and attracting
	foreign investment to
	achieve sustainable and
	inclusive economic
	growth.

Lesson Plan - Prof. Ranjini Lahiri

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Semester	Paper	Unit	Sub-Topics	No. of Lectures	Outcomes	Class Exercises
I	CC I Introductory Microeconomics	Unit 2 Demand and Supply: How Markets Work	2.1 - Elementary theory of Demand: Determinants of household demand and market demand, movement along and shift of the demand curve	4	Enhanced understanding of the fundamental forces driving market dynamics, allowing students to analyze the behavior of buyers and	Short questions on the given concept.
			2.2 - Elementary theory of Supply: factors influencing supply, the supply curve, movement along and shift of the supply curve 2.3 - The Elementary theory	3	sellers in various economic contexts. Improved ability to interpret and predict changes in market equilibrium resulting	
			of market price: Determination of equilibrium price in a competitive market. 2.4 - Market Adjustment	3	from shifts in demand or supply, fostering critical thinking about market responses to economic shocks and policy interventions	
			without Government (with illustrations): the effect of shifts in demand and Supply	3		

M:	nit 4 farket ensitivity and	4.1- Importance of Elasticity in Choice-Decisions	2	Enhanced comprehension of how changes in price and	Numerical problems given.
	lasticity	4.2- Method of Calculation- Arc Elasticity, Point Elasticity-definition	2	quantity affect consumer and producer behavior, allowing students to analyze	
		4.3- Demand and supply Elasticities-types of elasticity and factors affecting elasticity, Demand Elasticity and Revenue, Long run and Short run elasticities of Demand and	6	market responsiveness to price changes. Improved ability to assess the sensitivity of quantity demanded or supplied to changes in	
		Supply 4.4- Income and Cross-Price Elasticity	3	factors such as price, income, or cross-price, enabling informed decision-making in business strategy and	
		4.5- Applications: Case studies – OPEC and Oil Prices, Illegal Drugs	3	policy formulation.	
Ge	nit 5 overnment itervention	5.1- The Economic Role of Government with respect to Market: (i) Price Ceiling, Price Floor and Market Adjustment (with short case studies of	5	Increased understanding of how government intervention influences market outcomes through policies such as	Students were asked to write answers using diagrams. (A class test of
		agricultural administered price, minimum wage and		taxation, regulation, and	*

			rent control); (ii) Black Market; (iii) Tax and market adjustment; (iv) Elasticity and tax incidence 5.2- Comparison of markets with and without government	3	provision of public goods. Enhanced ability to analyze the effectiveness and efficiency of government interventions in correcting market failures, redistributing income, and promoting economic stability and growth. Development of critical thinking skills to evaluate the trade-offs between market efficiency and equity objectives, empowering students to contribute to informed discussions on	conducted after completion of the allocated syllabus)
					economic policy and governance	
II	CC III Introductory Macroeconomics	Unit 2 Income Determination in the Short Run	-The Simple Keynesian Model (SKM) in a Closed Economy without Government-	4	Improved understanding of the relationship between aggregate demand, output, and employment	Short questions are discussed.
			-The Keynesian	5	in the short run, emphasizing the role of	

			Consumption Function; the		government	
			Keynesian Saving Function		intervention in	
				4	stabilizing the economy.	
			-Income determination in			
			SKM;		Enhanced ability to	
			stability		analyze the impact of	
			of equilibrium;		fiscal policy tools such	
					as government spending	
			-The concept of effective	4	and taxation on	
			demand- the concept of		aggregate demand,	
			demand-determined output		output levels, and	
					economic equilibrium.	
			-The Simple Keynesian	3		
			Multiplier; the paradox of		Development of	
			thrift;		analytical skills to	
			-The SKM in a Closed	8	evaluate the	
			Economy with		effectiveness and	
			Government; government		limitations of Keynesian	
			expenditure and tax; the		policies in addressing	
			government expenditure		cyclical fluctuations and	
			multiplier and the		promoting	
			tax rate multiplier; the		macroeconomic	
			balanced budget multiplier;		stability	
			the budget surplus; effects of		•	
			tax changes and			
			government purchases on			
			budget surplus; the full			
			employment budget surplus.			
III	CC V	Unit 2	2.1- Technology – general	10	Increased	Numerical
	Intermediate	Production and	concept of Production	-	comprehension of how	problems and
	Microeconomics I	Costs	Function, production with		firms make production	mathematical
			one and two variable		decisions to maximize	derivations.

	1		Τ	
	inputs,total average and		profits, considering	
	marginal products, short run		factors such as input	
	and long run, returns to		usage, technology, and	
	factor and returns to		scale of operations.	
	scale, Isoquants, marginal			
	rate of technical substitution,		Enhanced ability to	
	isocost line and firm's		analyze the relationship	
	equilibrium,		between input costs,	
	elasticity of substitution		output levels, and firm	
		4	profitability.	
	2.2- Types of production			
	functions- Cobb-Douglas,		Development of critical	
	fixed-coefficient and CES		thinking skills to	
	functions		evaluate the efficiency	
			of production processes	
	2.3- Cost structure- implicit	8	and understand	
	cost, explicit cost,		economies of scale.	
	accounting cost, sunk cost,			
	economic cost, fixed cost,			
	variable cost, total, average			
	and marginal cost.			
	Determinants of short run			
	cost, cost curves, cost			
	minimization and expansion			
	path, short versus long run			
	cost curves, economies of			
	scale.			
Unit 3	3.1- Organization, Firms and	4	- Improved	Class tests taken
The Firm and	Profit Maximization		understanding of the	on short answer
Perfect Market			behavior and objectives	type questions.
Structure		2	of firms as profit-	
			maximizing entities	

3.2- Marginal Revenue,		within competitive
Marginal Cost and Profit		markets.
Maximization	6	
		- Development of
3.3- Perfect competition-		critical thinking skills to
short run competitive		evaluate the efficiency
equilibrium of the firm,		and welfare
short-run supply curve of a		implications of perfect
firm		competition, including
and industry, Output choice		its impact on consumer
and competitive equilibrium		surplus, producer
in the long run, Economic		surplus, and market
rent and profit,		equilibrium.
long-run industry supply-		
constant, increasing, and		- Increased
decreasing cost.	6	understanding of how
		consumers and
3.4- Consumer and Producer		producers benefit from
surplus, welfare, and		voluntary exchanges in
efficiency of competitive		markets, as reflected by
equilibrium. Government		the concepts of surplus.
intervention and deadweight		
loss, Application- Minimum		-Enhanced ability to
prices and price supports (analyze the efficiency
price ceiling		of market outcomes by
and price floors)		assessing the magnitude
		of deadweight loss.
		- Development of
		critical thinking skills to
		evaluate the welfare
		implications of

	Unit 4 Input Market in Perfect Competition	4.1- Basic concepts- derived demand, the productivity of an input, the marginal product of an input, marginal revenue product 4.2- Marginal productivity theory of distribution 4.3- Labor market-supply of labor, competitive labor markets 4.4- Land markets and rent	8 4 4	analyze employment trends and labor market dynamicsEnhanced ability to	Short and medium questions were discussed. (A class test of one hour duration was conducted after completion of the allocated syllabus)
CC VI Intermediate Macroeconomics I	Unit 1 The IS-LM Model	 -IS-LM Model - equilibrium, stability, and comparative statics. -Crowding out and effects of fiscal and monetary policies. 	5 5 5	- Enhanced understanding of how changes in fiscal and monetary policies influence aggregate demand, output, and interest rates in the short run.	Mathematical and diagrammatic practice done.

					- Improved ability to	
					analyze the interactions	
					between the goods	
					market and money	
					market and their	
					implications for	
					macroeconomic	
					equilibrium.	
					- Development of	
					critical thinking skills to	
					assess the potential	
					crowding out effect,	
					where increased	
					government spending	
					leads to higher interest	
					rates, reducing private	
					investment, and its	
					impact on overall	
					economic stability and	
	G G T T T T T T T T T T T T T T T T T T			12	growth.	<u> </u>
IV	CC VIII	Unit 1	-Monopoly and barriers to	12	-Enhanced ability to	Class tests on
	Intermediate	Imperfect	entry- output determination		analyze the efficiency	diagrammatic
	Microeconomics II	Market	and price rule, measure and		and equity implications	expositions were conducted.
		Structure	sources of monopoly power,		of monopolistic behavior.	were conducted.
			social costs of monopoly		benavior.	
			power weight loss		Improved	
			- Pricing with market power-		-Improved understanding of how	
			first, second and third-	8	firms in	
			degree price discrimination,	U	monopolistically	
			multiplant		competitive markets	
			mumpiani		compeniive markets	

	- Monopolistic competition- short-run and long-run equilibrium, excess capacity - Oligopoly- Oligopoly equilibrium as Nash equilibrium, Cournot, Bertrand and Stackelberg Model- use of isoprofit curves and simple game- theoretic interpretation. Sweezy's kinked demand curve model and non- collusive equilibrium. Competition versus collusion- the Prisoners' Dilemma. Collusive Oligopoly –Cartels and Price Leadership.	8 12	compete and the challenges and opportunities presented by product differentiation. -Development of analytical skills to analyze strategic interactions among firms, evaluate the implications of different market structures for pricing and output decisions, and understand the role of collusion, competition, and government regulation in oligopolistic markets.	
Unit 2 Input Market Under Imperfect Competition	2.1 Monopsony, bilateral monopoly in labour market	8	- Enhanced understanding of the strategic interactions between a monopsonistic employer and a monopolistic labor union, and its implications for wages, employment, and	Answers with diagrams were practiced. (A class test of one hour duration was conducted after completion of

					welfare in the labor market.	the allocated syllabus)
V	CCXI International	Unit 1 Absolute and	- Adam Smith's theory of absolute advantage.	1	- Enhanced understanding of how	Descriptive long answer type
	Economics	Comparative Advantages of Trade	- David Ricardo's theory of comparative advantage.	2	countries can increase their output by specializing in producing goods they	questions with examples were discussed.
			- Arbitrage as the basis and direction of trade; fundamental sources of cross-country price	2	can produce more efficiently than others Improved	
			differences and arbitrage.		comprehension of how countries benefit from	
			- One factor economy, production possibility frontier, relative demand and relative supply, terms of	5	specializing in producing goods with lower opportunity costs.	
			trade, trade in the Ricardian world, determination of intermediate TOT, complete vs incomplete		- Development of analytical skills to identify and exploit price discrepancies	
			specialization, complete specialization, and gains from trade.		between markets, leading to more efficient resource allocation and risk-free profit opportunities.	

			T	
			Outcomes of Teaching Gains from Trade: - Increased understanding of how international trade allows countries to achieve higher levels of consumption and welfare by specializing in the production of goods in which they have a comparative advantage Enhanced comprehension of the theoretical concept where countries produce only the goods they have a comparative advantage in, leading to maximum utilization of resources and increased global efficiency.	
Unit 2	- The concept of community	2	- Improved	Conceptual
	indifference curve-		understanding of the	questions with
	Justification and properties.		welfare implications of	diagrams were
Theory			different resource	discussed.
	- The need for trade	_	allocations within an	
	indifference curves,	5	economy.	

derivation of trade		
indifference curves,		- Enhanced ability to
properties of trade		evaluate the trade-offs
indifference map, Offer		and welfare effects of
curves and its properties.		international trade on a
Three important elasticities-		nation's economy.
the elasticity of		-
offer curves, the elasticity of		
demand for imports, the		
elasticity of supply of		
exports. International		
equilibrium and offer curves,		- Increased
terms of trade (TOT) and		comprehension of a
stability, the Marshall-		nation's trade
Lerner condition,		possibilities and
,		exchange rate dynamics
- Gains from Trade (GFT)	4	in the context of
theorem, illustration of GFT,		international trade.
decomposition of GFT,		
substitution possibilities and		- Development of
magnitude of GFT		analytical skills to
		assess the mutual
- Production structure for	3	benefits and efficiency
neo-classical trade models,		gains arising from
role of constant returns to		specialization and trade
scale, the concept of		between nations.
unit isoquants, duality in the		312-2-2-3
production structure, and		
significance of the envelope		
condition in trade models.		
The state of the s		
<u> </u>		<u>l</u>

	CC XII	Unit 4	-Demographic trends	8	Students will acquire	Class
	Indian Economy	Population and	-Education and health-	6	knowledge of the	presentations
		Human	problems and government		demographic structures	were arranged.
		Development	measures		of India, education, and	
			-Right to Education Act	4	health prospects.	
VI	CC XIII	Unit 3	-Classification of taxes.	6	- Increased	Short and
	Public Economics	The Revenue	Canons of taxation.		understanding of the	medium
		and			various types of taxes	questions were
		Expenditure of	-Principles of taxation.	5	and their specific	given.
		the			characteristics.	
		Government	-Incidence of burden of	5		
			taxes		= Enhanced ability to	
					evaluate tax systems	
					based on principles of	
					equity, efficiency,	
					simplicity, and	
					adequacy.	
					- Development of	
					critical thinking skills to	
					assess the economic	
					rationale behind	
					taxation, including the	
					concepts of ability to	
					pay, benefit principle,	
					and neutrality.	
					- Improved	
					comprehension of how	
					taxes impact	
					individuals, businesses,	

CC XIV Development	Unit 3 Dual Economy	-The concept of surplus labour and disguised	3	and the economy as a whole, facilitating analysis of tax fairness, efficiency, and distributional effects. - Enhanced understanding of	Long descriptive
Economics	Models	unemployment.		surplus labor's impact on economic efficiency and development,	questions were given.
		-dualism -Lewis model	3	facilitating analysis of labor market dynamics.	
		-Haris-atodaro model	4	- Improved ability to recognize disguised unemployment and assess its implications for resource allocation and productivity.	
				- Increased comprehension of dualistic economic development and its implications for structural transformation and income distribution, providing insights into growth strategies for developing economies.	

				- Developed analytical skills to evaluate rural-	
				urban migration	
				patterns, unemployment	
				dynamics, and policy	
				interventions in	
				developing countries,	
				enabling informed	
				discussions on poverty	
				alleviation and	
DOE A (A) 4	TT 1/4		2	urbanization strategies.	T
DSE A(2).1	Unit 1	Introduction to money and	3	- Increased	Tests on short
Money and		Money and Banking		understanding of the	questions were
Financial markets	Money and		4	functions and	taken.
	Banking	-concept, functions,	4	importance of money as	
		measurement		a medium of exchange,	
		Tri	_	unit of account, and	
		-Theories of money supply determination.	5	store of value.	
				- Enhanced	
				comprehension of the	
				role of banking	
				institutions in	
				facilitating financial	
				transactions.	
				- Development of	
				analytical skills to	
				evaluate the impact of	
				monetary policy on	
				interest rates, inflation,	

			1 11 .	
			and overall economic	
			stability.	
Unit 5	Central Banking and		- Increased ability to	Medium
Central	monetary policy		analyze financial	questions were
Banking and	-functions, balance sheet,	8	statements and make	given.
Monetary	goals, targets and		informed decisions	
Policy	instruments of monetary		regarding investment,	
	control		financing, and strategic	
			planning.	
	-monetary management	5		
	_		- Enhanced	
	-current monetary policy of	4	understanding of the	
	India		mechanisms through	
			which monetary policy	
			affects inflation,	
			employment, and	
			economic growth.	
			- Improved ability to	
			evaluate the	
			effectiveness of	
			monetary policy	
			measures in achieving	
			macroeconomic	
			objectives such as price	
			stability and full	
			employment.	
			- Enhanced awareness	
			of the Reserve Bank of	
			India's monetary policy	
			decisions and their	

DSE B(2).1 Environment Economics	Unit 1 Introduction	-Introduction -Interlinkages between the economy and environment	5	implications for financial markets, business conditions, and overall economic performance. - Increased awareness of the economic value of environmental resources, enabling informed decisionmaking regarding environmental policies, conservation efforts, and sustainable practices.	Short questions were given.
	Unit 5 Measuring the Values of Environmental Costs and Benefits	Concepts of willingness to pay (WTP) and willingness to accept compensation (WTAC)	8	- Enhanced ability to conduct cost-benefit analyses, evaluate environmental policies, and make informed decisions considering individual preferences and societal welfare. - Improved understanding of negotiation strategies, resource allocation decisions, and policy implications concerning property rights and economic efficiency.	Conceptual questions were asked.

DSE B(2).2	Unit 1	-Demographic concepts	2	- Enhanced ability to	Conceptual
Issues in	Demography			analyze population	questions were
Development	and	-Demographic transition	5	trends, dynamics, and	discussed.
Economics	Development	during development, gender		their implications for	
		bias in preferences &		social and economic	
		outcomes, evidence of		development.	
		unequal treatment within			
		households		- Improved	
				understanding of how	
		-Connections between	5	socio-economic factors	
		income, mortality, fertility		influence demographic	
		choices and human capital		patterns and disparities,	
		accumulation		enabling informed	
			_	policy interventions to	
		-Migration	3	address gender	
				inequalities and	
				promote equitable	
				development.	
				- Enhanced	
				comprehension of how	
				income levels, mortality	
				rates, and fertility	
				decisions shape long-	
				term economic	
				outcomes and societal	
				well-being, aiding in the	
				design of effective	
				social and economic	
				policies.	

					- Increased understanding of the economic, social, and political implications of migration, and its role in shaping labor markets, cultural diversity, and development trajectories worldwide.	
I	GE I Introductory Microeconomics	Unit 2 Supply and Demand	-Determinants of individual demand /supply	2	Enhanced understanding of the fundamental forces	(A class test of one-hour duration was
			-Demand/Supply curves	1	driving market dynamics, allowing	conducted after completion of
			-Law of Demand/ Law of Supply	2	students to analyze the behavior of buyers and sellers in various	the allocated syllabus)
			-shifts of the curves	2	economic contexts.	
			-Elasticities. Applications of elasticities.	2	Improved ability to interpret and predict changes in market	
			-controls on prices, taxes, consumer surplus, and producer surplus.	3	equilibrium resulting from shifts in demand or supply, fostering critical thinking about market responses to economic shocks and policy interventions	

II	GE II	Unit 2	-The Keynesian	2	Improved	(A class test of
	Introductory	The simple	Consumption and Saving		understanding of the	one-hour
	Macroeconomics	Keynesian	functions		relationship between	duration was
		model in a			aggregate demand,	conducted after
		closed economy	-Income determination	2	output, and employment	completion of
					in the short run,	the allocated
			-Effective demand	2	emphasizing the role of	syllabus)
					government	
			-Multiplier	3	intervention in	
			-		stabilizing the economy.	
			-The role of government.	3	•	
			_		Enhanced ability to	
					analyze the impact of	
					fiscal policy tools such	
					as government spending	
					and taxation on	
					aggregate demand,	
					output levels, and	
					economic equilibrium.	
					Development of	
					analytical skills to	
					evaluate the	
					effectiveness and	
					limitations of Keynesian	
					policies in addressing	
					cyclical fluctuations and	
					promoting	
					macroeconomic	
					stability	

III	GE III	Unit 4	-Functions of IMF and	9	-Students will gain
	Issues in Economic	International	World Bank		insights into the
	Development and	Organizations			structure, functions, and
	India	and Economic	-WTO and its functions	9	roles of these
		Development			international institutions
		_			in shaping global
					economic policies and
					governance.
					-They will learn the
					historical context and
					evolution of these
					institutions and their
					impact on the
					international economic
					system.
IV	GE IV	Unit 4	-change in volume and	6	They learn the foreign
	Indian economic	Policies and	direction of India's foreign		trade policies, volume,
	policies	performance in			and direction of foreign
	F	Indian foreign	liberalization period.		trade and the BOP
		trade	r		position of India.
			-BOP position of India in	4	
			recent years		
			-India's export and import	8	
			policies		

Lesson Plan - Prof. Sajal Jana

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Semester	Paper	Unit	Sub-Topics	No. of	Outcomes	Class
				Lectures		Exercises
I	CC II	Unit 1	* Sets and set operations;	4	Students will learn	Short questions
	Mathematical	Preliminaries	functions and their properties;		to set operations.	on basic
	Methods in		number systems.			concepts are
	Economics					given.
			* Convex sets; geometric			
			properties of functions: convex		They will learn	
			functions, their characterizations,		convex functions,	
			properties and applications;		their	
			further geometric properties of		characterizations,	
			functions: quasi-convex		properties and	
			functions,	_	applications	
			quasi-concave functions, their	5		
			characterizations, properties, and			
			applications			
			*Limit and continuity- Different			
			Limit Theorems with proof-		They will practice	Objective
			concept of first principle.		sums on limits &	questions were
					Continuity	provided to
			* Uses of the concept of	4		solve.
			continuity.			
		Unit 3	• Local and global optima;			
		Single variable	Geometric characterizations;	6		
		optimization	characterizations using calculus.			

			Significance of first and second- order conditions. • Interpretation of necessary and sufficient conditions with examples. • Applications in Economics- profit maximization and cost minimization	5	Students will adopt techniques to find out Local and global optima using calculus	
		Unit 5 Matrix Algebra	 Matrix: its elementary operations; different types of matrix. Rank of a matrix. Determinants and inverse of a square matrix. Solution of system of linear equations-Cramer's rule; Eigen values and Eigen vectors. System of nonlinear equations-Jacobian determinant and the existence of solution. The concept of comparative statics Applications of Matrix Algebra in input-output analysis-the Leontief Static Open Model (LSOM) - 	4 1 1 1 4	Students will adopt techniques to solve Matrix Algebra, Determinant, etc.	Exercises based on Matrix Operations are given. (A class test of one hour duration is conducted after completion of the allocated syllabus)
II	CC IV	Unit 1 Function of several variables	 the Hawkins-Simon conditions. Continuous and differentiable functions: partial derivatives and Hessian matrix. 	8	Students will acquire knowledge about the continuity	Numerical examples were

Mathematical Methods in Economics-II		Homogeneous and homothetic functions.		& differentiability of functions	provided to solve.
Economics-11		• Euler's theorem, implicit function theorem (without proof), and its application to comparative statics problems.	6	They will learn the applicability of different comparative static problems in	(A class test of one hour duration is conducted after
		•Economic applications- the idea of level curves, theories of consumer behaviour and theory of production.	8	economics The knowledge of various concepts related to consumer theory & Production theory will also be	completion of the allocated syllabus)
	Unit 3 Difference Equations	• Finite difference; Equations of first and 2nd orders and their solutions	8	developed. Students will learn the technique to	
	Equations	Application in Economics-Cobweb model, Multiplier-Accelerator model.	6	solve the homogeneous & non-homogeneous difference equations They will also learn the empirical application of homogeneous difference equations with the cobweb model.	

III	CC VII Statistical Methods for Economics	Unit 4 Probability Distributions	 Random variable (discrete and continuous) Probability distributions (pmf, pdf. Distribution functions) Expected values of random variables (mean, variance, raw moment, central moment, moment generating functions) 	4	Students will learn various types of Probability distributions. They will have to learn the	sums on Probability distribution were given.
			• Properties of commonly used discrete and continuous distributions: Binomial -(derivation of pmf, mean, variance, moments, moment generating functions, problems)	4	relationship between raw moments & central moments.	
			•Poisson - (derivation of pmf, mean, variance, moments, moment generating functions,	3		

		problems) Normal - (derivation of pdf, mean, variance, moments, moment generating functions, problems) • Joint distribution functions of random variables (discrete and continuous) - joint pdf (pmf), marginal pdf (pmf)., conditional pdf (pmf)	3		
III	Unit 6 Statistical Inference	Point Estimation-Properties of a good estimator;Basic principles of	3	Students will learn the techniques to estimate the	Numerical Examples were given.
	anier enec	Ordinary Least Square, Maximum Likelihood Method	2	parameters.	gi veni.
		Method of Moments; • Interval estimation.	2	The properties of a good estimator can be checked through the estimates	
		• Testing of hypothesis (basic concepts of null hypothesis, alternative hypothesis, type I and	3	obtained by OLS techniques.	
		Type II errors, power of a test, p-value)		To be familiar with the basic concepts	

					related to the testing of hypothesis	
III	SEC A(1)	Unit 1	•Collection of data (some	3	They will have to	MCQ questions
	Data Analysis	Collection and	methodological issues)		acquire knowledge	were provided
	, and the second	representation of	• Census	2	about sampling	& asked to
		data	•Sample survey	2	surveys & handling	solve them.
			•Representation of data	3	of the dataset using	
			•The basics of data management	2	various tools of	
			in Stata / R / Eviews / SPSS / MS		statistical software.	
			Excel	4	TOTAL 1	
			Hands-on	4	The sample survey	
					techniques will enable them to	
					collect primary data from respondents.	
IV	CC X	Unit 4	•Use of standard normal, chi2, t,		The application of a	.Different
• •	Introductory	Statistical Statistical	and F statistics in the linear	9	Proper statistical	Numerical
	Econometrics	inference in linear	regression model		test enables	Exercises were
		regression model			meaningful	given & asked
		8			statistical decisions.	them to solve.
			•Testing hypothesis	12		
			Single test (t-test and chi2 test)		Students will learn	
			Joint test (F test)		how the interpret	
					the results of the	
			•Goodness of fit (in terms of R2,	3	regression model	
			adjusted R2, and F statistic),		through the	
			Analysis of Variance (ANOVA)		ANOVA model.	
			•Statistical significance and economic importance	2		

		Unit 6	•Omission of a relevant variable	2	Students will learn	
		Specification			about the	Textbook end
		Analysis	•Inclusion of irrelevant variable	2	importance of	questions on
					relevant variables	specification
			•Tests of specification errors	2	before incorporating	_
			m .: 6 11 1.	2	them into the	as an exercise.
			•Testing for linearity and normality assumptions	2	model.	
					The correct	
					specification of the	
					model is very	
					essential for policy	
					formulation.	
	SEC B(1)	Unit 2	Role of footnotes or end notes in	4	Students will learn	(A class test of
	Research	Methodological	a research paper		the basic steps to	one hour
	Methodology	Issues	Bibliography, reference and		write down a	duration is
			citation		research project.	conducted after
			•Writing the abstract of a research	4		completion of the allocated
			paper	4	They will also learn	syllabus)
			Keywords and JEL Classification		how to present a	syllabus)
			Rey words and JEE classification		good research paper	
			• Presentation of a research paper	2	good resouren paper	
			through PowerPoint. Basic rules			
			are to be followed for a good			
			presentation.			
			Role of diagrams, graphs,	2		
			pictures, and charts.			
\mathbf{V}	CC XI	Unit 3	Heckscher-Ohlin (HO)theorem	3	Students will learn	Few Questions
	International	Factor	and price vs physical definitions		H-O theorem & its	were given &
	Economics	Endowment and	of relative factor abundance.		Related concepts.	finally
		Trade (Heckscher-				

		Ohlin-Samuelson	• Role of homotheticity of tastes	3		discussed
		Model)	in the context of physical			among them.
		1.20 (2.02)	definition			
			• Factor Intensity Reversal in the	4		
			context of price and physical			
			definitions and invalidity of HO			
			Theorem.			
			• The Factor Price Equalization	2		
			Theorem. Factor price			
			equalization and complete			
			specialization.			
			• Incomplete Specialization,			
			Factor price equalization and			
			Factor Intensity Reversal			
			• Empirical studies- Leontief			
			Paradox.			
\mathbf{V}	CC XII	Unit 4	Banking sector reforms	5	Students will be	
	Indian Economy	Economic Reforms			aware of the	Short questions
		in India	• Reforms in tax policy	5	different policies	were given.
				_	issued during the	
			• Reforms in the external sector	5	reform period.	
			• Reforms in Labour market	3		
			Reforms in Labour market	3		

V	DSE A1(1).1 Applied	Unit 3 Regression	Misspecification	8	A deeper understanding will	Short answer type questions
	Econometrics	Diagnostics and Specification	• Functional forms	5	develop regarding the data	were provided
			Model selection	5	misspecifications, model	
			Application with Stata / R	8	specifications, model selection, and hands-on training with STATA and R.	
	DSE B(1)	Unit 2	•Derivatives	4	Students will gather	Short answer
	Financial Economics	Options and	•Options and futures	4	knowledge of	type questions
		Derivatives	•call and put options	4	derivatives and they	were provided
			Put-call parity	3	will understand the	
					concepts of call and put options.	
		Unit 3	•Patterns of corporate financing	5	Students will have a	Short answer
		Corporate Finance	•capital structures	3	deep understanding	type questions
			•cost of capital	4	of the theory of	were provided
			Modigliani-Miller theorem	3	corporate finance, and the capital structure in the financial market.	
VI	CC XIII	Unit 4	Meaning and Classification of		Students will learn	Short answer
	Public Economics	Public Finance	Public Expenditure - government	6	about	type questions
			budget and its types, government		balanced budget	were provided
			expenditure and tax multipliers,		multiplier,	
			balanced budget multiplier		Sources of Public	
					Borrowings:	

			• Meaning of Public Debt; Sources of Public Borrowings: internal and external borrowing Effects of Public Debt.	5	internal and external borrowing & Effects of Public Debt	
			• Indian Public Finance – Fiscal Federalism in India	5		
VI	CC XIV	Unit 5	Balanced vs. Unbalanced	6	It gives a	Objective-type
	Development	Development	Growth Theories		comprehensive idea	questions were
	Economics	Strategies	Choice of Techniques	6	about Balanced vs. Unbalanced Growth Theories & Choice of Techniques	discussed
	DSE A(2).1 Money and Financial Markets	Unit 4 Banking System	Balance sheet and portfolio management;	3	It provides an overview of Balance sheet and	MCQ Questions were provided
			 Multiple Deposit Creation, Determinants of the Money	3	portfolio management & also highlights the	
			Supply.	4	features of banking sector reforms	
			• Indian banking system- Changing role and structure- banking sector reforms	5		
	DSE B(2).1 Environmental Economics	Unit 4 International Environmental Problems	• Transboundary Pollution — Transboundary Pollution as a problem of international externalities	4	Students will have to learn about various Environmental Problems &	Short answertype Questions were discussed.

			•International Trade and	6	International	
			Environment – Pollution Havens		Environmental	
					Agreements	
			• International Environmental			
			Agreements – Basic idea about	6		
			Montreal and Kyoto Protocol and			
			Talks on Climate Change			
	DSE B(2).2	Unit 4	• Defining sustainability for	5	Students will have	MCQ questions
	Issues in	Environment and	renewable resources		to learn about	were discussed
	Development	Sustainable	• A brief history of environmental	4	sustainability for	
	Economics	Development	change;		renewable	
			• Common-pool resources;	3	resources,	
			• Environmental externalities and		Environmental	
			state regulation of the		externalities, and	
			environment;		state regulation of	
			• Market-based instruments,	3	the environment	
			economic activity, and climate			
			change.			
Ι	GE I	Unit 6	•The labour market - basic	16	Students will learn	Short questions
	Introductory	Input Markets	concepts - derived demand,		several aspects of	on basic
	Microeconomics		productivity of an input; marginal		labor markets.	concepts are
			productivity of labour, marginal			given.
			revenue product); the land market-			
			concepts of rent and quasi rent.			
			• Basis of trade: concepts of			
			absolute advantage and		Students will learn	Questions
II	GE II	Unit 6	comparative advantage;	6	the causes of trade	Were discussed
	Introductory	The External	arguments for free		& its related	based on
	Macroeconomics	Sector	trade; arguments for protection		theories.	Exercises.
			• Balance of Payments-accounting		In addition, an idea	
			and equilibrium; disequilibrium in		regarding	
			balance of payments and		Devaluation,	

III	GE III Issues in Economic Development and India	Unit3 Development of the Dual Economy and Development Strategies	devaluation-the role of the Marshall-Lerner condition • Balanced and unbalanced growth as development strategies •Surplus labour and disguised unemployment •Growth, productivity •Small scale industries	6 9 9	the role of the Marshall-Lerner condition can be achieved. The concept of Balanced and unbalanced growth will be developed.	Objective questions were provided to solve.
IV	GE IV Indian Economic Policies	Unit 2 Policies and Performance in Agriculture	•foreign investment .	6 6 6	Knowledge will be developed about Indian agriculture.	Short answer type questions were discussed

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Semester	Paper	Unit	Sub-topics	No. of	Outcomes	Class Exercises
I	CC II Mathematical Methods in Economics I	Unit 2 Functions of one real variable	Continuous functions of different types and their graphs Concept of derivatives and Limits Derivatives of first and second order concave and linear function. concept of marginal elasticity, and average function	5 6 5 6	•Students would learn the graphical analysis, functions, and derivatives used in Economics, such as elasticity calculations, optimization exercises, etc.	Numerical problems will be given to the students to work out the solutions in class.
		Unit 4 Integration of functions	•Methods of Substitution and integration by parts. •Application in economics	5	•Students will learn the applications of integrations in Economics, such as consumer's surplus, and producer's surplus.	Numerical problems on integration will be provided to the students for practice.
		Unit 6 Game Theory	•Zero-sum games- max-min and min-max	5	•At the end of the course, students will	Students will be provided with Game

			solutions •Dominant Strategy Equilibrium •Nash equilibrium •Nash equilibrium examples		learn game theory applications in various fields of Economics.	Theory examples for their understanding of the topic.
II	CC IV Mathematical Methods in Economics II	Unit 2 Multivariate Optimization	Optimization of nonlinear functions: Convex, concave, and quasi-concave functions Unconstrained and constrained optimization. Inequality constraints and Kuhn-Tucker Conditions. Value function and Envelope theorem Linear programming	8 4 2 3	•Students will learn the techniques of solving optimization problems and will be able to apply their knowledge in profit maximization and cost minimization exercises by firms.	•Examples of classical optimization will be provided to the students as classwork. •Numerical problems based on linear programming and non-linear programming will be given as exercises in the class.
		Unit 4 Differential Equations	•Differential equations and economic applications •Non-linear differential equation system	5 5	•Students will learn how to solve linear and non-linear differential equations that will help them to find time paths of economic phenomena.	Several examples of linear and non-linear differential equations will be given and students will have to find out the stability conditions using the knowledge of problem-solving techniques.

III	CC VII Statistical Methods for Economics	Unit 1 Introduction and Review	•Representation of data-graphical and tabular methods •Frequency distribution	6	Students will learn to various statistical data representation techniques and to make frequency tables in various forms.	Short answer type questions will be asked in class
		Unit 2 Measures of Dispersion	Measures of central tendency Dispersion (absolute and relative measures) Lorenz curve and Gini coefficient) Moments, Skewness, and Kurtosis Correlation and Regression.	15	•The students will understand the theory of statistics related to dispersion, sampling, and statistical inference.	Students will be given numerical problems in the class to examine how much they have learned in class.
		Unit 5 Sampling	•Sampling under SRSWR, SRSWOR •Stratified sampling,multi-staged sampling •Sampling distribution.	10	•Students will learn sampling methods and the appropriateness of different types in different contexts.	Students will be asked to do a field survey using any method of sampling with a questionnaire.

	CPC A (1)	Unit 6 Statistical Inference	 Point estimation and interval estimation. Basic principles of Ordinary Least Square, Maximum Likelihood Method, and Method of Moments Interval estimation Testing of hypothesis (Type I and Type II errors, power of a test, p-value 	6	•Students will understand the theory of estimation, the importance of doing hypothesis testing, and related techniques.	Numerical problems will be given in class based on the techniques of estimation and hypothesis testing. (A class test of one hour duration will conducted after completion of the unit.)
Ш	SEC A(1) Data Analysis	Unit 2 Indian Official Statistics	•Central Statistical Office-National Accounts Statistics •National Sample Survey -68 th Round •Census of India 2011 •Handbook of Statistics on Indian Economy.	2 4 3 1	•Students will get to know various data sources which are useful for data analysis on the Indian economy.	Students will be provided with different types of data from Indian Official statistics and will be asked to indicate the appropriate type of data analysis.
IV	CC IX Intermediate Macro Economics II	Unit 1 Basic Tenets of New Classical and New Keynesian Theories	•New Classical Theory-rational expectations and the theory of real business cycle. •New Keynesian Theory-nominal rigidities and real rigidities, rigidities in interest rates and credit	8	•The students will understand the theory of real business cycle and the basic foundation of NKM	Quiz will be conducted to examine the knowledgef the students on the topics.

			rationing.			
		Unit 2 Introductory Ideas	•Consumption functions: Keynesian	12	Students will learn theories of	Quiz will be conducted to
		on Consumption	consumption function;		consumption useful to	examine the
		•	Fisher's theory of 1		understand household behavior.	knowledge of the
			intertemporal choice; life-cycle and		benavior.	students on the topics.
			permanent income			(A class test of one
			hypotheses; Dusenberry's relative			hour duration will conducted after
			income			completion of the
			hypothesis; rational			unit.)
			expectations and random-walk of			
			consumption			
IV	CC X	Unit 5	expenditure. •Data Problems-	20	•Students would learn	Students will be
	Introductory	Data Problems	Heteroscedasticity,		about the nature of	illustrative examples
	Econometrics		multicollinearity, and		data problems, how	in class and will be
			autocorrelation.		to detect the	asked to identify the
					problems and	problems.
TX7	GEG D(2)	TI '4 2	TP1 (' 1 1	2	probable solutions.	Α 1
IV	SEC B(2)	Unit 2	•Theoretical and	2	•Students will	•A research paper
	Research	Methodological	Empirical Research in		understand the	will be given to the
	Methodology	Issues	Economics. •Common sections of	4	difference between	students and they will be asked to
				4	empirical and theoretical research	will be asked to
			an ideal research		meorencai research	

			paper. •Illustrations of empirical research work. •Illustrations of theoretical research.	2	•They will be able to write research papers after gaining knowledge on research methodology.	interpret the results section.They will be asked to write a research paper based on a topic of their own choice.
V	CC XI International Economics	Unit 4 Applications of Neoclassical Trade Models for Developing Countries	•Jones (1965) Heckscher-Ohlin type 2x2 full employment model for small open developing economies. •Jones(1971) 3x2(three factors-two commodities) specific- factor model.	6	The students will learn Jones model of trade theory and its implications.	•questions will be discussed in the class. (A class test of one hour duration will conducted after completion of the unit.)
		Unit VI: Open- Economy Macroeconomics and Balance of Payments	• Determination of equilibrium income in an open economy -Foreign Trade Multiplier	6	•Students will understand how the economy works in the presence of the external sector.	Questions will be discussed in class.

• Balance of Payment 2 • They will also learn	
accounts in an open the effects of	
economy. devaluation on trade.	
• Fixed &Flexible 2	
Exchange Rates:	
adjustment of demand	
and supply of Foreign	
Exchange, Effect	
of devaluation,	
•The Mundel-Fleming 4	
Model (IS-LM BP	
model)	
V CC XII Unit 2 •Trends in GDP and 6 Students would obtain PP	PT Presentations
Indian Economy Growth & per capita GDP an idea about the by	y the students on
Distribution •Growth, poverty and 5 trajectory of growth the	ne related topics
inequality and will be able to will	ill be arranged.
•Youth unemployment 7 assess whether the	-
•Policy perspectives in GDP growth	
growth and mitigates the poverty	
distribution and unemployment	
problems in India.	
V DSE A(1).1 Unit 1 •Use of econometric 2 Students will learn to Stu	tudents will be
Applied Steps in Empirical models in research perform data analysis given	iven class exercises
	n STATA and R
in STATA and R which will help them soft	oftware packages.
both in doing research	
and getting jobs.	
Unit 3 •Cross-section analysis 5	
Applications of •Time series analysis 4	
Regression Analysis • Panel data analysis 2	
•hands-on training 15	
with STATA	

V	DSE B(1) Financial Economics	Unit 2 Investment Theory and Portfolio Analysis	 Portfolio analysis-portfolio mean and variance Markowitz model and the two-fund theorem; and the one-fund theorem. CAPM: The capital market line; the capital asset pricing model 	10 10 10	Students will understand concepts of portfolio and will be able to relate the theoretical knowledge with actual portfolio tradings in stock exchanges.	•Quiz will be conducted in class to test the knowledge of the students. •Sums will be given in class to test their knowledge.
VI	CC XIII Public Economics	Unit 2 Choice of Public Economics	Characteristics of Pure Public Good and Private Good Market Failure in case of Pure Public Good Lindahl Equilibrium Voting Equilibrium	4 5 4 3	•The students will understand the role of government in economic development •They will be able to assess the roles and behavior of government in a democratic setup.	Quiz will be conducted to examine the knowledge of the students on the topics.

CC XIV	Unit 2	•Inequality axioms	3	•Studying poverty	Quiz will be
Development	Poverty and	•Gender inequality	2	and inequality allows	conducted to
Economics	Inequality	and development		individuals to	examine the
		•Measurements of		understand the	knowledge of the
		poverty	5	measurements and	students on the
		• The vicious circle of	2	meaning of poverty	topics.
		poverty		and inequality	
				Studying these	(A class test of one
				topics promotes	hour duration will
				interdisciplinary	conducted after
				understanding and	completion of the
				encourages holistic	unit.)
				approaches to	
				complex social	
				problems	
	Unit 4	•Bithrates, death rates,	2	Students gain a deep	Short questions will
	Population,	mortality rates and		understanding of	be discussed in class
	Growth and	fertility rates		population trends,	
	Economic	•Demographic	4	including fertility	
	Development	transition theory		rates, mortality rates,	
		•Costs of children,	3	migration patterns,	
		externalities		and demographic	
		•Low level	3	transitions.	
		equilibrium trap and			
		critical minimum			
		effort			

VI	DSE A(2).1	Unit 2	•Role of financial	4	•Students will obtain	Quiz will be
	Money and	Financial	markets and		an overall idea of	conducted in class to
	Financial	Institutions,	institutions		money and capital	test the knowledge
	Market	Markets,	•Problem of	2	markets, and their	gained by the
		Instruments and	asymmetric		role in financial	students on the
		Financial	information – adverse		intermediation.	topics.
		Innovations	selection		•They will understand	
			and moral hazard		the behavioral	
			•Money and capital	2	problems that exist	
			markets		among the lenders and	
			•financial	2	borrowers in any real-	
			derivatives		life financial	
			 Leveraging 	5	transaction.	
			mechanism of banks.			
	DSE B(2).1	Unit 3	•Pigouvian fees	6	 Knowledge will be 	Short questions will
	Environmental	The Design and	•Regulating pollution:		acquired on	be discussed in class
	Economics	Implementation of	command and control	6	Pigouvian fees,	
		Environmental	approach		command, and	
		Policy	•Theory of tradable		control approaches	
			pollution permits	4	for combating	
					pollution.	
VI	DSEB(2).2	Unit 3	•Individual behavior in	4	• Students will	Short questions will
	Issues in	Individuals,	social environments		acquire knowledge of	be discussed in class
	Development	Communities, and	•Multiple social	4	collective outcomes	
	Economics	Collective	equilibria		through multiple	
		Outcomes	•Governance in	5	social equilibria.	
			organizations and			
			communities			
			•Individual response to	2		
			organizational			
			inefficiency			

		Unit 5 Globalization	•Globalization from a historical perspective •The economics and politics of multilateral agreements •Trade, production patterns, and world inequality •Financial instability in a globalized world. •India in the context of the global economy	3 4 3 3 2	•Students will understand the concepts of globalization. •They will be able to relate the interdependence of the countries in the era of globalization and will understand the position of India in a globalized world.	Students will have to present topics related to globalization.
I	GE I Introductory Microeconomics	Unit 1 Exploring the subject matter of Economics	•Scope and methods of economics •Problems of scarcity and choice •Price system, property rights and profit	1 3 4	•Study of economics focuses on individual economic agents, such as households, firms, and markets. •It explores the problems of scarcity of resources in production, pricing, and resource allocation. •It includes supply and demand, market structures, price determination, and profits of the firms.	Short answer type questions will be discussed in class.

		Unit 4	•Production function	5	•The students will	Short answer type
		The Firm and	of a firm; behavior of	٥	understand the two	questions will be
		Market Structure	profit-maximizing		main pillars of	discussed in class.
			firms and the		microeconomic	
			production process;		theory-production	
			the cost function,		and cost structure of	
			•Features of a	4	firms under a	
			perfectly competitive	•	perfectly competitive	
			market.	2	market.	
			•Short run & long-run	2	market.	
			equilibrium under			
			perfect			
			competition.			
		Unit 5	•Monopoly-basic	4	The basic structure of	Short answer type
		Imperfect Market	structure	·	the monopoly market	questions will be
		Structure	•Price discrimination	2	and its features will	discussed in class.
		Structure	in monopoly	2	be understood	discussed in class.
II	GE II	Unit 1	•Basic issues of	10	•Students will	Short answer type
	Introductory	Introduction to	macroeconomics-		understand the	questions will be
	Macro	Macroeconomics	measurement of gross		methods of national	discussed in class.
	Economics	and National	domestic product at		income	
		Income Accounting	market price and factor		measurements and	(A class test of one
			cost		their identities.	hour duration will
			•Measurement	8		conducted after
			of national income-			completion of the
			income method and the			allocated syllabus.)
			expenditure method			
			•The value-added	7		
			method of measuring			
			national income			

III	GE III	Unit 2	•Basic issues of	6	•Students will	Short answer type
	Issues in	Poverty, Inequality,	poverty and inequality.		understand the	questions will be
	Economic	and Development	•Basic ideas about the	6	concepts of poverty	discussed in class.
	Development		measurement of		and inequality.	
	and India		poverty and			(A class test of one
			inequality.			hour duration will
			•Trends and policies to	6		conducted after
			eradicate poverty and			completion of the
			income inequality in			allocated syllabus.)
			India			
IV	GE IV	Unit 1	•Fiscal Policy; trade	18	•Students will gather	A quiz will be
	Indian	Macroeconomic	and investment policy;		knowledge on	conducted to test the
	Economic	Policies and Their	financial and monetary		different economic	knowledge of the
	Policies	Impact	policies; labour		policies that govern	students.
			regulation		India.	