

SEVA BHARATI MAHAVIDYALAYA
Department of Economics
Lesson Plan
Session: 2018-19 to 2022-23
B.Sc. (Honors) with Economics as General Elective (GE)
[Choice Based Credit System]

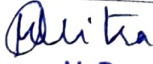
Semester	Paper	Topic	Sub-topic	Planned Lecture (1 hour/Lecture)
Semester-I	GE1: Introductory Microeconomics (6 credit)	Exploring the subject matter of Economics	Why study economics?	Lecture 1
			Scope and method of economics	Lecture 2
			The economic problem: scarcity and choice	Lecture 3 & 4
			The question of what to produce, how to produce and how to distribute output	Lecture 5 & 6
			Science of economics; the basic competitive model	Lecture 7 & 8
			Prices, property rights and profits; incentives and information	Lecture 9 & 10
			Rationing; opportunity sets; economic systems; reading and working with graphs	Lecture 11 & 12
			Revision & Question Answer discussion	Lecture 13 & 14
		Supply and Demand	How Markets work	Lecture 16
			Markets and Welfare	Lecture 17
			Markets and competition	Lecture 18
			Determinants of individual demand/supply	Lecture 19 & 20
			Demand/supply schedule and demand/supply curve	Lecture 21
			Market versus individual demand/supply	Lecture 22
			Shifts in the demand/supply curve,	Lecture 23 & 24
			Demand and supply together; how prices allocate resources	Lecture 25-27
			Elasticity and its application;	Lecture 28-30
			Controls on prices; taxes and the costs of taxation; consumer surplus; producer surplus and the efficiency of the markets	Lecture 31-33
		Revision & Question Answer discussion	Lecture 34, 35	
		The Households	The consumption decision - budget constraint	Lecture 36 & 37



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	Consumption and income/price changes	Lecture 38, 39
	Demand for all other goods and price changes	Lecture 40 & 41
	Description of preferences (representing preferences with indifference curves)	Lecture 42 & 43
	Properties of indifference curves	Lecture 44 & 45
	Consumer's optimum choice: income and substitution effects	Lecture 46 & 47
	Labour supply and savings decision - choice between leisure and consumption	Lecture 48
	Revision & Question Answer discussion	Lecture 49 & 50
The Firm and Perfect Market Structure	Behaviour of profit maximizing firms	Lecture 51-53
	The production process	Lecture 54 & 55
	Short run costs and output decisions	Lecture 56-59
	Costs and output in the long run	Lecture 60-62
	Revision & Question Answer discussion	Lecture 63 & 64
Imperfect Market Structure	Monopoly and anti-trust policy	Lecture 66-68
	Government policies towards competition	Lecture 69-71
	Imperfect competition	Lecture 72-74
	Revision & Question Answer discussion	Lecture 75
Input Markets	Labour and land markets - basic concepts (derived demand, productivity of an input)	Lecture 76-78
	Marginal productivity of labour, marginal revenue product)	Lecture 79 & 80
	Demand for labour; input demand curves; shifts in input demand curves	Lecture 81-83
	Competitive labour markets	Lecture 84-86
	Labour markets and public policy	Lecture 87 & 88
	Revision & Question Answer discussion	Lecture 89 & 90
References:	Karl E. Case and Ray C. Fair, Principles of Economics, Pearson Education Inc., 8th Edition, 2007.	
	N. Gregory Mankiw, Economics: Principles and Applications, India edition by South Western, a part of Cengage Learning, Cengage Learning India Private Limited, 4th edition, 2007.	
	Joseph E. Stiglitz and Carl E. Walsh, Economics, W.W. Norton & Company, Inc., New York, International Student Edition, 4th Edition, 2007	
	Sampat Mukherjee & Debesh Mukherjee, Samakalin Arthavidya, New Central Book Agency Pvt. Limited, 2013	
	Swapan Kr. Roy & Joydev Sarkhel, Bharoter Arthaniti, Book Syndicate Pvt. Limited, 2010 publication	




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Semester	Paper	Topic	Sub-topic	Planned Lecture (1 hour/Lecture)	
Semester-II	GE- 2: Introductory Macroeconomics (6 credit)	Introduction to Macroeconomics and National Income Accounting	Basic issues studied in macroeconomics	Lecture 1 & 2	
			measurement of gross domestic product	Lecture 3-5	
			income, expenditure and the circular flow	Lecture 6-8	
			real versus nominal GDP	Lecture 9 & 10	
			problems of national income accounting	Lecture 11 & 12	
			price indices	Lecture 13	
			national income accounting for an open economy	Lecture 14 & 15	
			balance of payments: current and capital accounts	Lecture 16-18	
			Revision & question answer discussion	Lecture 19 & 20	
			Money	Functions of money	Lecture 21 & 22
		types of money		Lecture 23 & 24	
		quantity theory of money		Lecture 25 & 26	
		determination of money supply and demand		Lecture 27-30	
		credit creation		Lecture 31 & 32	
		tools of monetary policy		Lecture 33-35	
		Inflation	Inflation : definition, types	Lecture 36-38	
			causes of inflation	Lecture 39-41	
			effects of inflation, social costs of inflation	Lecture 42-44	
			demand pull inflation	Lecture 45	
			cost push inflation	Lecture 46	
			Phillips curve	Lecture 47 & 48	
			hyperinflation	Lecture 49	
			anti inflationary measures	Lecture 50 & 51	
			inflationary gap	Lecture 52	
		Revision & question answer discussion	Lecture 53-55		
		The Closed Economy in the Short Run	Classical system	Lecture 56-59	
			Keynesian systems	Lecture 60-63	
			simple Keynesian model of income determination	Lecture 64-66	
			IS curve, shifts in IS curve	Lecture 67-69	
			LM curve, shifts in LM curve	Lecture 70-72	
			IS-LM equilibrium	Lecture 73 & 74	
			fiscal and monetary multipliers	Lecture 75-77	
			Revision & question answer discussion	Lecture 78-80	
		References:	Dornbusch, Fischer and Startz, Macroeconomics, McGraw Hill, 11th edition, 2010.		



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		N. Gregory Mankiw. Macroeconomics, Worth Publishers, 7th edition, 2010		
		Olivier Blanchard, Macroeconomics, Pearson Education, Inc., 5th edition		
		Richard T. Froyen, Macroeconomics, Pearson Education Asia, 2nd edition, 2005		
		Sampat Mukherjee & Debesh Mukherjee, Samakalin Arthavidya, New Central Book Agency Pvt. Limited, 2013		
		Debesh Mukherjee, Samakalin Bharatiya Arthaniti, New Central Book Agency Pvt. Limited, 2014 Publication		
		Swapan Kr. Roy & Joydev Sarkhel, Bharoter Arthaniti, Book Syndicate Pvt. Limited, 2010 publication		
Semester	Paper	Topic	Sub-topic	Planned Lecture (1 hour/Lecture)
Semester-III	GE3: Money & Banking (6 credit)	Money	Concept of different forms of money	Lecture 1 & 2
			functions of money	Lecture 3 & 4
			measurement of money supply	Lecture 5-7
			quantity theory of money	Lecture 8 & 9
			theories of money supply determination	Lecture 10-12
			Revision & question answer discussion	Lecture 13-15
		Financial Institutions, Markets, Instruments and Financial Innovations	role of financial markets	Lecture 16 & 17
			role of financial institutions	Lecture 18-20
			problem of asymmetric information – adverse selection and moral hazard	Lecture 21 & 22
			financial crises	Lecture 23
			money markets	Lecture 24-27
			capital markets	Lecture 28-31
			organization, structure and reforms in India	Lecture 32-34
			role of financial derivatives and other innovations	Lecture 35 & 36
			Revision & question answer discussion	Lecture 37-40
		Interest Rates	Introductory ideas	Lecture 41 & 42
			sources of interest rate differentials	Lecture 43
			Determination of Interest Rates	Lecture 44-47
			theories of term structure of interest rates	Lecture 48-51
			interest rates in India	Lecture 52 & 53
			Revision & question answer discussion	Lecture 54 & 55
		Banking System	Balance sheet and portfolio management	Lecture 56-58
			Indian banking system	Lecture 59-61
			Changing role and structure	Lecture 62-64
			banking sector reforms	Lecture 65-67
			Revision & question answer discussion	Lecture 68-70
		Central Banking and	Functions	Lecture 71 & 72
			balance sheet	Lecture 73 & 74




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		Monetary Policy	goals, targets, indicators and instruments of monetary control	Lecture 75-77
			monetary management in an open economy	Lecture 78-80
			current monetary policy of India	Lecture 81 & 82
			Revision & question answer discussion	Lecture 83-85
	References:	F. S. Mishkin and S. G. Eakins, Financial Markets and Institutions, Pearson Education, 6th edition, 2009		
		L. M. Bhole and J. Mahukud, Financial Institutions and Markets, Tata McGraw Hill, 5th edition, 2011		
		M. Y. Khan, Indian Financial System, Tata McGraw Hill, 7th edition, 2011		
		R.B.I. Bulletin, Annual Report and Report on Currency and Finance (latest)		
		Joydev Sarkhel & Sekh Selim, Bharoter Arthik Babostha, McGraw Hill Pvt. Limited, 2021 Publication		
Semester	Paper	Topic	Sub-topic	Planned Lecture (1 hour/Lecture)
Semester-IV	GE4: Public Finance (6 credit)	Theory	Overview of Fiscal Functions	Lecture 1 & 2
			Tools of Normative Analysis	Lecture 3 & 4
			Pareto Efficiency	Lecture 5-7
			Equity and the Social Welfare	Lecture 8-10
			Market Failure	Lecture 11-13
			Public Good and Externalities	Lecture 15-17
			Revision & question answer discussion	Lecture 18-20
			Taxation	Lecture 21
			burden of taxation	Lecture 22
			different types of taxation, merits & demerits	Lecture 23 & 24
			canons of taxation	Lecture 25
			progressive and regressive tax structure	Lecture 26
			Elementary Theories of Product and Factor Taxation	Lecture 27-29
		Revision & question answer discussion	Lecture 30-32	
		Issues from Indian Public Finance	Current Issues of India's Tax System: overview	Lecture 33
			characteristics of Indian Tax System	Lecture 34-36
			importance of indirect taxes in India, VAT, GST	Lecture 37-39
			black money	Lecture 40-43
			government expenditure	Lecture 44-46
			nature and magnitude of public debt in India	Lecture 46-48
			deficit financing	Lecture 49 & 50
			report of Cheliah committee	Lecture 51 & 52
			public debt	Lecture 53-56
Working of Monetary and Fiscal	Lecture 57-59			



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		Policies	
		Analysis of Budget and Deficits	Lecture 60-64
		Fiscal Federalism in India	Lecture 63-68
		State and Local Finances	Lecture 69-74
		Revision & question answer discussion	Lecture 75-80
References:	Musgrave, R.A. and P.B. Musgrave, Public Finance in Theory and Practice, McGraw Hill, 1989		
	Kaushik Basu, and A. Maertens (ed.), The Oxford Companion to Economics in India, Oxford University Press, 2007		
	Economic Survey, Government of India (latest)		
	Sampat Mukherjee & Debesh Mukherjee, Samakalin Arthavidya, New Central Book Agency Pvt. Limited, 2013		
	Swapan Kr. Roy & Joydev Sarkhel, Bharoter Arthaniti, Book Syndicate Pvt. Limited, 2010 publication		

Lesson Plan

Session: 2018-19 to 2022-23

B.Com. (Honors) with Economics/Related Subject as General Elective (GE)
[Choice Based Credit System]

Semester	Paper	Topic	Sub-topic	Planned Lecture (1 hour/Lecture)
Semester-I	GE1: Microeconomics (6 credit)	Demand and Consumer Behaviour	Concepts of revenue: marginal and average	Lecture 1
			Revenue under conditions of perfect and imperfect competition	Lecture 2 & 3
			Revenue under conditions of perfect and imperfect competition	Lecture 4 & 5
			Elasticity of demand: price, income and cross	Lecture 6-8
			Consumer Behaviour: Indifference curve analysis of consumer behavior	Lecture 9 & 10
			Consumer's equilibrium	Lecture 11
			Price elasticity and price consumption curve	Lecture 12
			income consumption curve and Engel curve	Lecture 13
			price change and income and substitution effects	Lecture 14 & 15
			Indifference curves as an analytical tool (cash subsidy v/s. kind subsidy)	Lecture 16
			Revealed Preference Theory	Lecture 17 & 18
			Revision & Question Answer discussion	Lecture 19 & 20



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Production and Cost	Production isoquants	Lecture 21 & 22
	marginal rate of technical substitution	Lecture 23 & 24
	economic region of production	Lecture 25 & 26
	optimal combination of resources	Lecture 27 & 28
	the expansion path, isoclines, returns to scale using iso-quants	Lecture 29 & 30
	Cost of Production: Social and private costs of production	Lecture 31 & 32
	long run and short run costs of production	Lecture 33 & 34
	Economies and diseconomies of scale and the shape to the long run average cost. Learning curve	Lecture 35 & 36
	economies of scope	Lecture 37 & 38
	Revision & Question Answer discussion	Lecture 39 & 40
Perfect Competition	Perfect competition: Assumptions	Lecture 41 & 42
	Equilibrium of the firm and the industry in the short and the long runs	Lecture 43-46
	industry's long run supply curve	Lecture 47 & 48
	Measuring producer surplus under perfect competition	Lecture 49-51
	Stability Analysis – Walrasian and Marshallia	Lecture 52-54
	Demand - supply analysis including impact of taxes and subsidy	Lecture 57 & 58
	Revision & Question Answer discussion	Lecture 59 & 60
Monopoly	Monopoly short run and long run equilibrium	Lecture 61-63
	Shifts in demand curve and the absence of the supply curve	Lecture 64 & 65
	Measurement of monopoly power and the rule of thumb for pricing	Lecture 66 & 67
	Horizontal and vertical integration of firms	Lecture 68
	The social costs of monopoly power including deadweight loss	Lecture 69 & 70
	Degrees of price discrimination	Lecture 71-73
	Revision & Question Answer discussion	Lecture 74 & 75
Imperfect Competition: Monopolistic Competition and Oligopoly	Monopolistic competition price and output decision-equilibrium	Lecture 76 & 77
	Monopolistic Competition and economic efficiency	Lecture 78 & 79
	Oligopoly and Interdependence – Cournot's duopoly model, Stackelberg model, Kinked demand model	Lecture 80 & 81
	Prisoner's dilemma	Lecture 82



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			collusive oligopoly – price-leadership model – dominant firm, cartels	Lecture 83 & 84
			sales maximization, Contestable markets theory	Lecture 85 & 86
			Pricing Public Utilities	Lecture 87 & 88
			Revision & Question Answer discussion	Lecture 89 & 90
	References:	Pindyck, R.S., D. L. Rubinfeld and P. L. Mehta; Microeconomics, Pearson Education.		
		N. Gregory Mankiw, Principles of Micro Economics, Cengage Learning		
		Maddala G.S. and E. Miller; Microeconomics: Theory and Applications, McGraw-Hill Education		
		Case and Fair, Principles of Micro Economics, Pearson Education		
		Koutsiyannis, Modern Micro Economic Theory		
Semester	Paper	Topic	Sub-topic	Planned Lecture (1 hour/Lecture)
Semester-II	GE2: Macro Economics (6 credit)	Introduction	Concepts and variables of macroeconomics	Lecture 1 & 2
			income, expenditure and the circular flow	Lecture 3 & 4
			Components of expenditure	Lecture 5 & 6
			Static macroeconomic analysis short and the long run – determination of supply, determination of demand, and conditions of equilibrium	Lecture 7-12
			Revision & Question Answer discussion	Lecture 13-15
		Economy in the short run	IS–LM framework	Lecture 16 & 17
			fiscal and monetary policy	Lecture 18-20
			determination of aggregate demand	Lecture 21 & 22
			shifts in aggregate demand	Lecture 23 & 24
			aggregate supply in the short and long run	Lecture 25 & 26
			aggregate demand aggregate supply analysis	Lecture 27 & 28
			Revision & Question Answer discussion	Lecture 29 & 30
			Inflation, Unemployment and Labour market	Causes of rising and falling inflation
		inflation and interest rates		Lecture 33 & 34
		social costs of inflation		Lecture 35 & 36
		Unemployment – natural rate of unemployment		Lecture 37 & 38
		frictional and wait Unemployment		Lecture 39 & 40
		Labour market and its interaction with production system; Phillips curve, the trade-off between inflation and unemployment		Lecture 41-43
		sacrifice ratio		Lecture 44
		role of expectations adaptive and rational		Lecture 45 & 46
		Revision & Question Answer discussion		Lecture 47-50
		Open economy		flows of goods and capital
			saving and investment in a small and a	Lecture 53 & 54



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			large open economy	
			exchange rates	Lecture 55
			Mundell – Fleming model with fixed and flexible prices in a small open economy with fixed and with flexible exchange rates	Lecture 56-61
			interest-rate differentials case of a large economy	Lecture 62-64
			Revision & Question Answer discussion	Lecture 65 & 66
		Behavioral Foundations	Investment –determinants of business fixed investment	Lecture 67-69
			effect of tax	Lecture 70
			determinants of residential investment and inventory investment	Lecture 71-73
			Demand for Money– Portfolio and transactions theories of demand for real balances	Lecture 74-76
			interest and income elasticities of demand for real balances	Lecture 77-79
			Supply of money	Lecture 80-82
			Revision & Question Answer discussion	Lecture 83-85
	References:	Mankiw, N. Gregory. Principles of Macroeconomics. Cengage Learning		
		Branson, William H. Macroeconomic Theory and Policy. HarperCollins India Pvt. Ltd.		
		Rudiger Dornbusch, Stanley Fischer, and Richard Startz, Macroeconomics McGraw-Hill Education.		
		Paul A Samuelson, William D Nordhaus, and Sudip Chaudhuri, Macroeconomic, McGraw-Hill Education		
Semester	Paper	Topic	Sub-topic	Planned Lecture (1 hour/Lecture)
Semester-III	GE-3 : Business Statistics (6 credit)	Statistical Data and Descriptive Statistics	Nature and Classification of data: univariate, bivariate and multivariate data; time series and cross-sectional data	Lecture 1, 2
			Measures of Central Tendency	Lecture 3-8
			Measures of Variation	Lecture 9 - 14
			Skewness	Lecture 15 & 16
			Concept of Kurtosis	Lecture 17 & 18
		Probability and Probability Distributions	Theory of Probability	Lecture 19-21
			Expectation and variance of a random variable	Lecture 22 & 23
			Probability distributions	Lecture 25-33
			Revision & Question Answer discussion	Lecture 34 & 35
		Simple Correlation and Regression Analysis	Correlation Analysis	Lecture 36-41
			Regression Analysis	Lecture 42-47



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		Index Numbers	Meaning and uses of index numbers	Lecture 48
			Construction of index numbers	Lecture 50
			Aggregative and average of relatives – simple and weighted	Lecture 51 & 52
			Tests of adequacy of index numbers, Base shifting, splicing and deflating	Lecture 53 & 54
			Problems in the construction of index numbers	Lecture 55
			application of index number	Lecture 56
		Time Series Analysis	Components of time series	Lecture 57
			Trend analysis	Lecture 58
			Conversion of annual linear trend equation to quarterly/monthly basis and vice-versa	Lecture 59 & 60
			Calculation and uses of Seasonal Indices	Lecture 61 & 62
		Sampling Concepts, Sampling Distributions and Estimation	Basic concepts	Lecture 63
			different types of sampling	Lecture 64 & 65
		Practical Classes	The students will be familiarized with software (Spreadsheet and/or SPSS) and the statistical and other functions contained therein related to formation of frequency distributions and calculation of averages, measures of Dispersion and variation, correlation and regression coefficient	Lecture 66-90
		References :	Levin, Richard, David S. Rubin, Sanjay Rastogi, and HM Siddiqui. Statistics for Management. 7th ed., Pearson Education	
Goon, Gupta and Dasgupta: Basic Statistics				
Gupta, S.P., and Archana Agarwal. Business Statistics, Sultan Chand and Sons, New Delhi				
Vohra N. D., Business Statistics, McGraw Hill Education				
Semester	Paper	Topic	Sub-topic	Planned Lecture (1 hour/Lecture)
Semester-IV	GE4 : Indian Economy (6 credit)	Basic Issues in Economic Development	Concept and Measures of Development and Underdevelopment	Lecture 1-5
			Human Development	Lecture 6-10
			Revision & Question Answer discussion	Lecture 11-12
		Basic Features of the Indian Economy at Independence	Composition of national income	Lecture 13-15
			occupational structure	Lecture 16-18
			the agrarian scene	Lecture 19-21
			Industrial structure	Lecture 22-24



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	Revision & Question Answer discussion	Lecture 25-27
Policy Regimes	The evolution of planning and import substituting industrialization	Lecture 28-31
	Economic Reforms since 1991	Lecture 32-35
	Monetary and Fiscal policies with their implications on economy	Lecture 36-39
	Revision & Question Answer discussion	Lecture 40-43
Growth, Development and Structural Change	The experience of Growth, Development and Structural Change in different phases of growth and policy regimes across sectors and regions	Lecture 44-46
	The Institutional Framework: Patterns of assets ownership in agriculture and industry	Lecture 47-49
	Policies for restructuring agrarian relations and for regulating concentration of economic power	Lecture 50-52
	Changes in policy perspectives on the role of institutional framework after 1991	Lecture 53-55
	Growth and Distribution; Unemployment and Poverty	Lecture 56-58
	Human Development; Environmental concerns, Demographic Constraints	Lecture 59-61
	Interaction between population change and economic development	Lecture 62-64
Sectoral Trends and Issues	Agriculture Sector	Lecture 65-70
	Industry and Services Sector	Lecture 71-76
	Financial Sector	Lecture 77-82
	Revision & Question Answer discussion	Lecture 83-85
References:	Mishra and Puri, Indian Economy, Himalaya Publishing House	
	Gaurav Dutt and KPM Sundarum, Indian Economy, S. Chand & Company	
	Uma Kapila (ed), "Indian Economy since Independence", Relevant articles	
	IC Dhingra, Indian Economics, Sultan Chand & Sons	



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Semester	Paper	Topic	Sub-topic	Planned Lecture (1 hour/Lecture)
Semester-I	DSC-1A: Microeconomics (6 credit)	Consumer's Behavior	Utility: Total and Marginal Utility- Law of Diminishing Marginal Utility – Law of Demand	Lecture 1-6
			Indifference Curve: Definition, Characteristics. Consumer's equilibrium, Price effect, Income effect and Substitution effect	Lecture 7-12
			Elasticity of Demand – price and income elasticity, cross price elasticity of demand, Measurement of price elasticity	Lecture 13-18
			Revision & Question Answer discussion	Lecture 19-21
		Producer's Behaviour	Production Function	Lecture 22-27
			Cost of Production	Lecture 28-33
			Total Revenue, Marginal Revenue and Average Revenue	Lecture 34-39
			Revision & Question Answer discussion	Lecture 40-42
		Market Morphology	Perfect competition, Monopoly, Monopolistic Competition, Oligopoly and Duopoly (concepts only)	Lecture 43-48
			Short run and Long run equilibrium of firm and industry under Perfect competition, Price discrimination	Lecture 49-54
			Price and Output determination under Monopoly	Lecture 55-60
			Revision & Question Answer discussion	Lecture 61-62
		Theory of Distribution	Marginal Productivity Theory of Distribution, Factor price determination	Lecture 63-66
			Rent: Ricardian Theory and Modern Theory	Lecture 67-69
			Wage: Distinction between Money and Real wage – Factors determining Real wage – Role of Trade Unions in wage determination under competitive set up	Lecture 70-73
			Interest: Real and money Interest – Loanable fund and Liquidity Preference Theory of Interest	Lecture 74-77
			Profit: Alternative Theories of Profit	Lecture 78-80
			Revision & Question Answer discussion	Lecture 81-82
		General concepts of Welfare Economics	Graphical presentation of Pareto optimality	Lecture 83-90



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References:

- Karl E. Case and Ray C. Fair, Principles of Economics, Pearson Education Inc., 8th Edition, 2007.
- N. Gregory Mankiw, Economics: Principles and Applications, India edition by South Western, a part of Cengage Learning, Cengage Learning India Private Limited, 4th edition, 2007.
- Joseph E. Stiglitz and Carl E. Walsh, Economics, W.W. Norton & Company, Inc., New York, International Student Edition, 4th Edition, 2007
- Sampat Mukherjee & Debesh Mukherjee, Samakalin Arthavidya, New Central Book Agency Pvt. Limited, 2013
- Swapan Kr. Roy & Joydev Sarkhel, Bharoter Arthaniti, Book Syndicate Pvt. Limited, 2010 publication

Semester	Paper	Topic	Sub-topic	Planned Lecture (1 hour/Lecture)
Semester-II	DSC-1B: Macroeconomics (6 credit)	The National Income and products accounts	Definition, concepts and measurement of GNP, NNP, GDP, NDP, NI, DI, GNP deflator, GDP deflator and price indices	Lecture 1-3
			Different methods of measuring national income	Lecture 4-6
			Problems of using national income as a measure of Economic welfare	Lecture 7-9
			Problems of measuring national income in any country	Lecture 10-12
			Circular flow of income – equilibrium condition – concepts of injection, withdrawal etc	Lecture 13-14
			Revision & Question Answer discussion	Lecture 15
		Money	Functions of money	Lecture 16-18
			quantity theory of money	Lecture 19-21
			determination of money supply and demand	Lecture 22-25
			credit creation	Lecture 26-28
			tools of monetary policy	Lecture 29-32
			Revision & Question Answer discussion	Lecture 33-35
		Simple Keynesian theory of income and employment	Concept of effective demand – Keynesian consumption function	Lecture 36-39
			relation between average propensity to consume and marginal propensity to consume	Lecture 40-43
			Simple Keynesian static multiplier theory – investment	Lecture 44-47
			Revision & Question Answer discussion	Lecture 48-50
		IS-LM model	IS – LM model- construction of IS and LM curves	Lecture 51-54
			Shapes of IS-LM	Lecture 55
			determination of equilibrium values of rate of interest and level of income	Lecture 56-58



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			Revision & Question Answer discussion	Lecture 59-60
	The Closed Economy in the Short Run		Classical and Keynesian systems	Lecture 61-64
			simple Keynesian model of income determination	Lecture 65-68
			Revision & Question Answer discussion	Lecture 69-70
	Theory of inflation		Concept of inflation	Lecture 71-72
			Demand pulls inflation and cost push inflation	Lecture 73-74
			Inflationary gap – Limitations of it	Lecture 75-76
			Consequences of inflation – measures to control inflation	Lecture 77-78
			Revision & Question Answer discussion	Lecture 79-80
References:		Dornbusch, Fischer and Startz, Macroeconomics, McGraw Hill, 11th edition, 2010.		
		N. Gregory Mankiw. Macroeconomics, Worth Publishers, 7th edition, 2010		
		Olivier Blanchard, Macroeconomics, Pearson Education, Inc., 5th edition		
		Richard T. Froyen, Macroeconomics, Pearson Education Asia, 2nd edition, 2005		
		Sampat Mukherjee & Debesh Mukherjee, Samakalin Arthavidya, New Central Book Agency Pvt. Limited, 2013		
		Debesh Mukherjee, Samakalin Bharatiya Arthaniti, New Central Book Agency Pvt. Limited, 2014 Publication		
		Swapan Kr. Roy & Joydev Sarkhel, Bharoter Arthaniti, Book Syndicate Pvt. Limited, 2010 publication		
Semester	Paper	Topic	Sub-topic	Planned Lecture (1 hour/Lecture)
Semester-III	DSC-1C: Development Economics (6 credit)	Meaning of Economic Development and Growth	Distinction between Economic Growth and Economic Development	Lecture 1-3
			Net National Income and Per Capita Income as Growth Indicators	Lecture 4-6
			construction and interpretation of HDI	Lecture 7-9
			international variations in development measures	Lecture 10-12
			comparing development trajectories across nations and within them	Lecture 13-15
			Dependency school of development	Lecture 16-18
			Revision & Question Answer discussion	Lecture 19-20
		Economic Growth	An overview and policy implications of one sector growth models- Harrod- Domar, and Solow	Lecture 21-24
			Sources of economic growth	Lecture 25-28
			international comparisons	Lecture 29-30
			Development Planning and its necessity–balanced vs. Unbalanced Growth	Lecture 31-34
			Revision & Question Answer discussion	Lecture 35-36
		Poverty and Inequality	Inequality axioms; a comparison of commonly used inequality measures	Lecture 37-43
			Gender Inequality – Gender Development Index, connections between inequality and development	Lecture 44-50



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		poverty measurement, HPI; poverty traps and path dependence of growth processes	Lecture 51-57	
		Revision & Question Answer discussion	Lecture 58-59	
Political Institutions and the State		Definition of institutions	Lecture 60-61	
		Evolution of Political and Economic Institutions	Lecture 62-63	
		The determinants of democracy	Lecture 64-65	
		alternative institutional trajectories and their relationship with economic performance	Lecture 66-67	
		within-country differences in the functioning of state institutions	Lecture 68-69	
		state ownership and regulation	Lecture 70-71	
		government failures and corruption	Lecture 72-73	
		Revision & Question Answer discussion	Lecture 74-75	
		Foreign investment		Different forms
Their Roles in Economic Development	Lecture 80-84			
Revision & Question Answer discussion	Lecture 85			
References:	Debraj Ray, Development Economics, Oxford University Press, 2009			
	Kaushik Basu, The Oxford Companion to Economics in India, OUP, 2007			
	Partha Dasgupta, Economics, a Very Short Introduction, Oxford University Press, 2007			
	Abhijit Banerjee, Roland Benabou and Dilip Mookerjee, Understanding Poverty, Oxford University Press, 2006			
	Joydev Sarkhel, Sekh Selim & Anindya Bhukta, Arthanaitik Unnayan, Protisthan, Tattya o Proyog			
SEC-1 : Indian Financial System (2 credit)	Definition of Money Market	Basic Concepts of Call money market, Commercial Bills market, Treasury Bills market, Short-Term loan market	Lecture 1-2	
		Features and objectives of Money Market	Lecture 3-4	
		Features of Developed Money Market	Lecture 5	
	Commercial and the Central Bank		Nature and function of Central Bank	Lecture 6-7
			the money supply-different concept of money supply and their uses-credit creation	Lecture 8-9
			credit multiplier-theories of asset management- Role of commercial banks in development	Lecture 10-11
			Central Bank's functions	Lecture 12
			Central Bank and money market- Techniques of management-bank rate policy, open market operations and variable reserve ratio and selective instruments of credit control	Lecture 13-15
	Non-Banking Financial Intermediaries (NBFIs)		Distinction between commercial banks and NBFIs	Lecture 16-17
			validity of the distinction-Central bank's control over the NBFIs	Lecture 18-19
			Revision & Question Answer discussion	Lecture 20
	Introduction to Capital Market		Basic Concept of organized and unorganized Capital Market	Lecture 21-22



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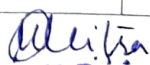
			Distinction between Primary Market and Secondary market	Lecture 23-24
			Differences between Share and Bond	Lecture 25
		Operations of Indian Stock Market	Stock Exchanges in India–national and regional	Lecture 26-27
			Market Players, types of traded instruments	Lecture 28
			Trading–floor based and screen based, Stock Indices, Credit rating and Credit rating agencies	Lecture 29-30
		Capital Market Regulatory Authority	Role and Functions of Regulatory Authorities, Securities and Exchange Board of India (SEBI)	Lecture 32
	References:	S.B.Gupta: Monetary Economics Institutions, Theory and Policy		
		E. Gordon, K.Natarajan: Financial Markets and Services		
		Varshney & Mittal: Indian Financial System		
		Joydev Sarkhel & Sekh Selim, Bharoter Arthik Babostha. McGraw Hill Pvt. Limited. 2021 Publication		
Semester	Paper	Topic	Sub-topic	Planned Lecture (1 hour/Lecture)
Semester-IV	DSC-1D: Features of Indian Economy (6 credit)	Structure of Indian Economy:	Sectoral distribution of National Income and its change since inception of Planning	Lecture 1-2
			Occupational pattern in India-A trend analysis since 1901	Lecture 3
			Inequalities in Income distribution	Lecture 4
			Economic reforms and reduction of poverty	Lecture 5
			Poverty eradication programmes and their effectiveness	Lecture 6-7
			Structure and quality of employment in India	Lecture 8
			Government undertaken different schemes to reduce unemployment and underemployment	Lecture 9-10
			Revision & Question Answer discussion	Lecture 11
		Human resources and economy development	Size and growth rate of population in India	Lecture 12-14
			Changes in sex composition since inception of planning	Lecture 15-17
			Population policy and population projections for India	Lecture 18-20
			Revision & Question Answer discussion	Lecture 21-22
		Agriculture	Causes for low productivity	Lecture 23-25
			Targeted public distribution system	Lecture 26-28
			New agricultural policy	Lecture 29-30
			Green revolution and its prospects	Lecture 30-31
			Land reforms and its appraisal	Lecture 32-34



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		Effects of GATT on Indian Agriculture	Lecture 35-37
		Revision & Question Answer discussion	Lecture 38-39
Industry		Review of Industrial growth under planning	Lecture 40-42
		Role of small-scale industries and policy perspective to help them	Lecture 43-45
		Role of trade union and social security measures in India	Lecture 46-48
Banking		Role of Indian Commercial Banks and Reserve Bank of India	Lecture 49-51
		Monetary Policy of the Reserve Bank of India	Lecture 52-54
		Profitability of banks in India	Lecture 55-57
		Call money market, Repo, reverse repo rate, TBs, CDs	Lecture 58-60
		Revision & Question Answer discussion	Lecture 61-62
Indian Public Finance		Sources of Revenue and Expenditure of Union and State Government	Lecture 63-65
		Union-State Financial Relation	Lecture 66-68
		Centre-State Conflict on Finances	Lecture 69-71
		Revision & Question Answer discussion	Lecture 72-73
Foreign trade		Volume and direction of India's foreign trade in the post-Liberalization period	Lecture 74-78
		Revision & Question Answer discussion	Lecture 79-80
References:	Dutta R. and K.P.M. Sundaram: Indian Economy, S. Chand and Co. New Delhi		
	Misra S.K.V. K. Puri: Indian Economy, Himalayas Publishing Co. Mumbai		
	Agarwal A.N: Indian Economy, Vikash Publishing Co. Delhi		
	Swapan Kr. Roy & Joydev Sarkhel, Bharoter Arthaniti, Book Syndicate Pvt. Limited, 2010 publication		
SEC-2: Computer Application in Economics (2 credit)	File Creation and Management System	The File Tree - File Naming Conventions, Word Processing	Lecture 1-2
	Word Processing	Basic Features of Text formatting - Creating Documents - Heading Styles - Creating Reference Lists	Lecture 3-4
	Introduction to Excel/Spreadsheet for Economic Analysis of Data	Types of Data – Time Series, Cross Section	Lecture 5
		Excel Basic – Data Entry & Creation of Tables, Formula and Functions - Sort and Filter	Lecture 6
	Graphical Representation of Data Sets	Pie Chart, Bar Chart, Histogram, Frequency Polygon, Ogive, Bivariate Scatter Diagram	Lecture 7-9




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		Using Spreadsheet / Excel for Calculation of Descriptive Statistics	Mean Median, Mode, Standard Deviation	Lecture 10-11
			Correlation, and Regression	Lecture 12
		Presentations	Creating Presentations - Pasting Charts etc in Presentations - Exporting Presentations as PDF	Lecture 13-15
		Practical	File Creation and Management System	Practical 1
			Word Processing	Practical 2-4
			Excel/Spreadsheet for Economic Analysis of Data	Practical 5-8
			Graphical Representation of Data Sets	Practical 9-11
			Using Spreadsheet / Excel for Calculation of Descriptive Statistics	Practical 12-13
			Presentations	Practical 14-15
	References:	Ash Narayan Sah: Data Analysis Using Microsoft Excel (Excel Books India)		
		Gray Koop: Analysis of Economic Data (John Wiley & Sons Ltd)		
		Richard L.Kerns: Essentials of Microsoft Windows, Word & Excel (Prentice Hall India)		
Semester	Paper	Topic	Sub-topic	Planned Lecture (1 hour/Lecture)
Semester-V	DSE - 1: Economic Development and Policy in India-1 (6 credit)	Issues in Growth, Development and Sustainability	Issues of Growth	Lecture 1-5
			Issues of Development	Lecture 6-10
			Issues of Sustainability	Lecture 11-15
		Factors in Development	Capital formation (Physical and Human)	Lecture 16-20
			technology	Lecture 21-25
			institutions	Lecture 26-30
			Revision & Question Answer discussion	Lecture 31-32
		Population and Economic Development	Demographic trends	Lecture 33-38
			urbanisation	Lecture 39-44
			Revision & Question Answer discussion	Lecture 45-47
		Employment	Occupational structure in the organised and the unorganised sectors	Lecture 48-52
			open, under and disguised unemployment (rural and urban)	Lecture 53-57
			employment schemes and their impact	Lecture 58-62
			Revision & Question Answer discussion	Lecture 63
		Indian Development Experience	Critical evaluation of growth	Lecture 64-67
			inequality, poverty and competitiveness	Lecture 68-71



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			pre and post reforms era; savings and investment; mobilisation of internal and external finance	Lecture 72-75
			monetary and fiscal policies	Lecture 76-79
			centre-state financial relations	Lecture 80-83
			Revision & Question Answer discussion	Lecture 84-85
References:	Michael P Todaro and Stephen Smith. Economic Development, Pearson, 11th edition (2011)			
	Uma Kapila, Indian Economy since Independence, Academic Foundation, 19th edition (2009)			
	United Nations Development Programme, Human Development Report 2010, Palgrave Macmillan (2010)			
	Joydev Sarkhel, Sekh Selim & Anindya Bhukta, Arthanaitik Unnayan, Protisthan, Tattya o Proyog			
SEC-3: Research Methodology (2 credit)	Unit-1		Understanding the Nature of Research	Lecture 1-3
			Formulation of the Research	Lecture 4-6
			Review of Literature	Lecture 7-9
			Revision & Question Answer discussion	Lecture 10
	Unit-2		Approaches to Research and Research Strategy	Lecture 11-12
			Research Ethics	Lecture 12-13
			Using Secondary Data, Using Primary Data – Collecting Data through Observations/ Interviews/ Questionnaire	Lecture 14-20
	Unit-3		Sample Selection Methods	Lecture 21-21
			Analysing Data	Lecture 23-25
			Writing Project Report	Lecture 26-28
			Referencing Styles	Lecture 29-30
	References:	Ranjit Kumar: Research Methodology - A Step by Step Guide for Beginners (Sage Publications, 4th Edn.)		
Uwe Flick: Introducing Research Methodology - A Beginner's Guide to Doing a Research Project, (Sage Publications)				
J. Bethlehem: Applied Survey Methods- A Statistical Perspective (Wiley)				
Semester	Paper	Topic	Sub-topic	Planned Lecture (1 hour/Lecture)
Semester- VI	DSE -2: Project Work (6 credit)	Class + Field		
	SEC-4: Data Analysis (2 credit)	Statistical Data	Classification, Collection & Presentation	Lecture 1
			Meaning of Statistical Data	Lecture 2
			Classification of Data -Variable & Attribute - Primary Data & Secondary Data	Lecture 3
			Methods of Collection of Data - Population & Sample - Complete Enumeration (Census) & Sample Survey	Lecture 4-5



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		Random Sampling (Concept only)	Lecture 6
		Tabulation & Diagrammatic Presentation of Data – Line, Bar & Pie Diagram	Lecture 7-8
		Frequency Distribution and its Diagrammatic Presentation	Lecture 9
		Construction of Frequency Distribution (Simple & Grouped) –Histogram, Ogive & Frequency Polygon	Lecture 10
	Descriptive Statistics	Measures of Central Tendency – Mean, Median & Mode (Concepts & Formulae Only)	Lecture 11-13
		Measures of Dispersion – Range, Mean Deviation, Standard Deviation, Co-efficient of Variation (Concepts & Formulae Only)	Lecture 14-16
		Concepts of Skewness & Kurtosis, Concept of Simple Correlation & Regression	Lecture 17-19
		Revision & Question Answer discussion	Lecture 20
	Analysis of Indian Data	Economic Surveys – RBI Bulletins – Handbook of Statistics for the Indian Economy (RBI)	Lecture 21-25
		ASI Data – Census Data - Foreign Trade Statistics – NSS Data	Lecture 26-30
References:	N. G. Das – Statistical Methods (Tata McGrawhill)		
	Nagar and Das – Basic Statistics for Business and Economics		
	Goon, Gupta and Dasgupta: Basic Statistics		



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