Four Year Undergraduate Programme Subject: Economics

Template for Economics

Programme name	Elig ibili ty Crit eri a of the pro gra m me , if	Semes	Course name	Course	C r e d i t s	dis on	edit trib of t urse	he	Pre-requisit e of the course (if any)	Internal marks	External Marks
FYUGP in	any No	1	Introductory	ECO010104	4	4	0	0	No	40	60
Economics (Major/ Minor)		2	Economics Basic Elements of Economics	ECO020104	4	4	0	0	No	40	60
		3	Intermediate Economics	ECO030104	4	4	0	0	No	40	60
		4	Public Finance	ECO040104	4	4	0	0	ECO010 104	40	60
			Advanced Macroecono mics (Compulsory for MINOR)	ECO040204	4	4	0	0	ECO010 104 ECO030 104	40	60
			Introductory Quantitative Techniques	ECO040304	4	4	0	0	ECO020 104	40	60

	for Economics								
	2001101111100								
	Advanced	ECO040404	4	4	0	0	ECO010	40	60
	Microecono						104		
	mics						ECO030		
	(Compulsory						104		
	for MINOR)								
5	Development	ECO050104	4	4	0	0	ECO020	40	60
	Economics						104		
	(Compulsory								
	for MINOR)								
	Indian	ECO050204	4	4	0	0	ECO020	40	60
	Economy						104		
	International	ECO050304	4	4	0	0	ECO030	40	60
	Economics						104		
	Intermediate	ECO050404	4	4	0	0	ECO040	40	60
	Quantitative						304		
	Techniques								
	for								
	Economics								
6	Assam	ECO060104	4	4	0	0	No	40	60
	Economy								
	(Compulsory								
	for MINOR)								
	Basics of	ECO060204	4	4	0	0	ECO040	40	60
	Econometric						304		
	S						ECO050		
							404		
	Fundamental	ECO060304	4	4	0	0	No	40	60
	s of Financial								
	Analysis								
	Environment	ECO060404	4	4	0	0	No	40	60
	al Economics								

Program	Eligibilit	Sem	Course name	Course	Credit	Cre	dit		Pre-	Internal	Externa
me	У	este		code	S	dist	tribu	tio	requis	marks	l Marks
name	Criteria	r				n o	f the)	ite of		
(AEC/VA	of the					cou	ırse		the		
C/MDC/S	progra					L	Т	Р	cours		
EC)	mme, if					-	•	•	e (if		
	any								any)		
VAC		1	Environmenta	VAC011002	2	2	0	0		20	30
			l Studies								
VAC		2	Environmenta	VAC020602	2	1.	0	.5		(12+15)	23
			l Assessment			5					
			& Education								

Economics Template for Common courses

Template for Economics (Fourth Year) (FYUGP in Economics with Honours)

Programm e name	Eligi bilit y Crit eria of the prog ram me, if any	Sem este r	Course name	Course	Cre dit s	di ut of	red str ior th our T	ib n e s	Pre- requ isite of the cour se (if any)	Inter nal mar ks	Ext ern al Ma rks
FYUGP in Economics (Honors)	Eco nom ics		Contemporary Economic Theory (C)	ECO070104	4	4	0	0	No	40	60
	as a maj or Subj ect		Statistical Inference and Econometrics (C)	ECO070204	4	4	0	0	No	40	60
	upto 3 rd		Economics of Health (E)	ECO070304	4	4	0	0	No	40	60
	Year		Environmental Valuation and Management (E)	ECO070404	4	4	0	0	No	40	60
		7	Population & Human	ECO070504	4	4	0	0	No	40	60

	Resource Economics (E)	ECO070604	4	4	0	0	No	40	60
	Methodology for Social Science (C)	10070004	7		0	5	140	70	
8	Public Finance	ECO080104	4	4	0	0	No	40	60
	Indian Economy in the Global Environment (C)	ECO080204	4	4	0	0	No	40	60
	Agricultural Economics and Rural Development (E)	ECO080304	4	4	0	0	No	40	60
	Fundamentals of Financial Analysis (E)	ECO080404	4	4	0	0	No	40	60
	Development Economics: Theory and Practice (E)	ECO080504					No		
	Project Formulation and Execution (C)	ECO080604					No		

Template for Economics (Fourth Year) (FYUGP in Economics Honours with Research)

Prog ram me nam e	Eligibilit y Criteria of the progra mme, if any	Se me ste r	Course name	Course code	C re di ts	Credit distributi of the course L	on	P	Pre- requisite of the course (if any)	Inter nal mark s	Exter nal Mark s
FYU GP in Econ	Econo mics as a major Subject		Contemporary Economic Theory (C)	ECO070104	4	4	0	0	No	40	60
omic s (Hon	upto 3 rd Year		Statistical Inference and Econometrics (C)	ECO070204	4	4	0	0	No	40	60
with Rese arch			Economics of Health (E)	ECO070304	4	4	0	0	No	40	60
)			Environmental Valuation and Management (E)	ECO070404	4	4	0	0	No	40	60
		7	Population & Human Resource Economics (E)	ECO070504	4	4	0	0	No	40	60

	Research Methodology for Social Science (C)	ECO070604	4	4	0	0	No	40	60
8	Dissertation (c)	ECO- Dissertation	1 6				No		
	Project Formulation and Execution (C)	ECO080604	4	4	0	0	No		

Course Name: Introductory Economics

Course Code: ECO010104

Existing Base Syllabus: UG CBCS Syllabus

Course Level: 100-199

Prerequisites: - NIL
Theory Credit: 04
Practical Credit: NIL

No. of Required Classes:

No. of Contact Classes: 60
No. of Non-contact Classes: NIL

Course Outcomes:

CO-1: Interpret national income and its measurement

CO-2: Apply the idea of equilibrium to basic macroeconomics

CO-3: Analyze the essence of the economic problem

CO-4: Analyze different types of taxation, government budgets, revenue and capital components, as well as fiscal and primary deficits.

CO-5: Examine the role of markets in the economy

Unit	Unit Content	No. of	Marks
No		Classes	
1	The Essences of the Economic Problem:	15	25
	Scarcity and Alternative Usability of Resources, Problem of		
	Choice and Optimization by an Economic Agent. The Notion of		
	Opportunity Cost. Notions of Individual Demand and Supply.		
	Individual Demand Function, Demand Curve and the Law of		
	Demand, Shift of the Demand Curve, The Idea and calculation of		
	Elasticity: Price, Income and Cross Elasticities of Demand and		
	their Significance. Cost of Production and Supply. Elasticity of		
	supply.		

2	Market and Its Role in the Economy	12	20
	Market and its Different Forms - Perfectly Competitive Market		
	versus Monopoly. Individual Demand to Market Demand,		
	Individual Supply to Market Supply. Price determination in a		
	Competitive Market. Stability of the Competitive Market		
	Equilibrium. Consumers' and Producers' Surplus and Efficiency		
	of the Markets Equilibrium.		
3	National Income and its Measurement	10	15
	From Microeconomics to Macroeconomics. Income (Hicks' Definition), Domestic Income and National Income, GNP and its Measurement, Circular Flow of the Economy, NDP at Factor Cost as Domestic Income. Personal and Disposable Income, Purchasing Power Parity. Concepts of Unemployment, Inflation and Recession. Balance of Payment –current and capital accounts		
4	Macroeconomic Equilibrium and Income Determination	12	20
	Idea of Equilibrium as Applied to a Basic Macroeconomy, Ex Post and Ex Ante Savings and Investment, Keynes' Approach of Aggregate Effective Demand and Determination of Income, Multiplier Analysis		
5	Basic Concepts in Public Finance Operations	12	20
	Definition of Tax, Direct and Indirect Tax, Tax Rate, Buoyancy and Elasticity of a Tax, Proportionate, Progressive and Regressive Taxation. Government Budget and Its Revenue and Capital Components; Fiscal and Primary Deficits.		

- 1. N C Ray, Microeconomic Theory, MacMillan
- 2. Dominick Salvatore, Microeconomic Theory, Schaum's Outline Series, McGraw Hill
- 3. Soumyen Sikdar, Principles of Macroeconomics, Oxford

Second Semester

Course Name: Basic Elements of Economics

Course Code: ECO020104

Existing Base Syllabus: UG CBCS Syllabus

Course Level: 100-199

Prerequisites: - No
Theory Credit: 04
Practical Credit: NIL

No. of Required Classes:

No. of Contact Classes: 50 No. of Non-contact Classes: 10

Course Outcome:

CO 1: Describe the Indian economy in terms of its income and demographic features

CO 2: Discuss the various measures of development

CO 3: Explain the functioning of a financial system

CO 4: Use the relevant statistical tools to systematically examine any given economic phenomenon

CO 5: Compare the current events of the global and national economy

Unit No	Unit Content	No. of Classes	Marks
1	Basics of data collection	20	25
	Primary and Secondary, Census versus Sample Survey,		
	Distinction between population and sample, Distinction		
	between population parameters and sample statistics,		
	Principal steps in a sample survey, Methods of sampling -		
	random, stratified, multi-stage and systematic random		
	sampling.		
	Measures of Central Tendency – Mean: Arithmetic mean		
	(simple and weighted), Geometric mean, Harmonic		
	mean, Median, Mode.		
	Measures of Dispersion: Range, Inter-quartile deviation,		
	mean deviation, standard deviation, Variance.		
2	Index Number	8	10
	Meaning and Types, Construction, uses and limitations of		
	index numbers, Cost of Living Index Numbers. Consumer		

	Price Index Numbers for Agricultural Labourers in India,		
	Consumer Price Index Numbers for Industrial Workers in		
	India (concept only)		
3	Economic growth and development	10	25
	Per Capita Income (PCI) as a measure of development,		
	International comparison of PCI and role of Purchasing		
	Power Parity (PPP). Human Development Index (HDI),		
	Concept of Sustainable development.		
4	Financial System and its functions	10	20
	Formal and informal financial system, Components of a		
	financial system and their interdependence, Relationship		
	between financial system and economic growth		
5	Basic features of Indian economy	12	20
	Trend of national and per capita income, Sector-wise		
	composition of GDP, Basic demographic features – age,		
	sex composition, density, urbanization, Labour force and		
	Work force and Participation rate , Unemployment,		
	Occupational Pattern, Demographic Dividend.		

- 1. A.N. Agarwal: Indian Economy Problems of Development and Planning, New Age International Publishers
- 2. B. V. Pathak: Indian Financial System, Pearson Education, Singapore.
- 3. Debraj Roy: Development Economics
- 4. Michael P.Todaro, Stephen C. Smith: Economic Development
- 5. Padmalochan Hazarika: Statistical Methods for Economics, Ashok book Stall
- 6. S.C. Gupta: Fundamentals of Statistics, Himalayas Publishing House, Seventh Edition
- 7. S.K.Misra, V K Puri: Economics of Development and Planning
- 8. V.K.Puri and S.K.Mishra: Indian Economy, Himalay Publishing House
- 9. William G. Cochran: Sampling Techniques, John Wiley, 2007.

Third Semester

Course Name: Intermediate Economics

Course Code: ECO030104

Existing Base Syllabus: UG CBCS Syllabus

Course Level: 200-299

Prerequisites: - NIL
Theory Credit: 04
Practical Credit: NIL

No. of Required Classes:

No. of Contact Classes: 60
No. of Non-contact Classes: NIL

Course Outcomes:

CO1: Identify basic micro and macroeconomic concepts.

CO2: Associate with the elementary exposure to International Economics.

CO3: Explain the behavior of individual economic agents and outcome of their decisions on the aggregated levels.

CO4: Analyse real economic issues like consumer behavior, producer behavior, money, inflation, employment, International Economics and basic theories.

CO5: Assess real life consumer behaviour on the basis of economic theories.

Unit No	Unit Content	No. of Classes	Marks
1	Consumer's Behaviour	12	20
	Consumer's Budget Constraints and Effects of Income and Price Changes on it, Consumer's Preference Ordering and Indifference Curves, Axioms of Preference and Properties of Indifference Curves: Consumer's Optimized Choice; Income and Substitution Effects, Derivation of Demand Theorem. Normal and Inferior Goods and the Giffen Paradox		

2	Theory of Production and Cost	15	20
	Total, Average & Marginal Product of a Single Variable		
	Factor; Production Function with Two Variable Factors,		
	Isoquant, Marginal Rate of Technical Substitution,		
	Elasticity of Substitution; Homogeneity of Production		
	Function, Returns to Scale, Least Cost Factor		
	Combination, Expansion path, cost curves-Short and Long		
	run		
3	Firm's Revenue and Equilibrium	9	14
	Total, Average and Marginal Revenue of a Firm under		
	Perfect Competition and Monopoly, Equilibrium of a		
	Profit Maximizing Firm under Perfect Competition and		
	Monopoly. Need for Regulation of Monopoly		
4	Money, Interest, Income	10	17
	Definition and Functions of Money, Classical Theory of		
	Full Employment Equilibrium, Quantity Theory of Money		
	Keynes' Critique of the Classical Theory, Liquidity		
	Preference and the Rate of Interest, Keynesian Income		
	Determination Model with Rate of Interest		
5	Credit Creation, Money Supply and Inflation	8	14
	Banking System and Credit Creation Process; Money		
	Supply; Inflation: Demand-pulled and cost-pushed,		
	Effects on production and distribution; Central Bank's		
	Tools of Monetary Control		
6	Elements of International Trade Theory	6	15
	Autarky versus Trade, Absolute and Comparative cost,		
	Gains from Trade		

- 1. N C Ray, Microeconomic Theory, MacMillan
- 2. Dominick Salvatore, Microeconomic Theory, Schaum's Outline Series, McGraw Hill
- 3. Soumyen Sikdar, Principles of Macroeconomics, Oxford
- 4. Dominick Salvatore, International Economics,

Fourth Semester

Course Name: Public Finance

Course Code: ECO040104

Existing Base Syllabus: UG CBCS Syllabus

Course Level: 200-299

Prerequisites: This course requires successful completion of first and

second semester courses in Economics.

Theory Credit: 04
Practical Credit: NIL

No. of Required Classes:

No. of Contact Classes: 50
No. of Non-contact Classes: 10

Course Outcomes:

CO-1: Identify the concept of market failure and its implications for public policy.

CO-2: Illustrate the reasons for and consequences of public debt accumulation.

CO-3: Classify the role of budget in funding government activities and its impact on economic behavior.

CO-4:. Choose the objectives, instruments and outcomes of fiscal policy in different economic contexts.

CO-5: Assess the components of a government budget and their role in achieving economic stability and growth.

Unit No	Unit Content	No. of Classes	Marks
1	Meaning, Scope and Nature	10	15
	Public Financeand its nature. Objectives of Fiscal Intervention: Allocation, Distribution and Stabilization. Parameters for policy evaluation: Equity, Efficiency, Paternalism		
2	Market Failure and Public Intervention	10	15

	Public Goods and the Free Rider Problem. Externalities: inefficiencies and corrections, property rights, Coase theorem		
3	Taxation	10	20
	Principles of taxation: Benefit vs Ability. Shifting and		
	Incidence of tax. Economic effects, dead weight loss and distortion. Efficiency and equity considerations.		
4	Public Expenditure	15	20
	Principles of Expenditure Analysis, Fixed Quantity Subsidy for Marketed goods: overconsumption and underconsumption. Excise Subsidy: Allocative and Distributive Effect. Public Investment and Social Cost-Benefit Analysis		
5	Public Debt and Budgeting	10	15
	Sources of Public Debt and its redemption. Burden of Public Debt. Strategies of Debt Management. Budgeting: Incremental vs Zero-based budgeting. Outcome Budget.		
6	Fiscal Policy and Federal Finance	10	15
	Objectives and Strategies, Compensatory fiscal policy, pump priming, functional finance.Balanced Budget Multiplier. Fiscal Federalism: Vertical and Horizontal Equity, Inter-governmental Transfers. Finance Commission of India.		

- 1. Browning E K & Browning J M, Public Finance and the Price System, Pearson Education. Singapore.
- 2. Hyman D N, Public Finance: A Contemporary application of Theory to Policy, Thomson South Western.
- 3. Ulbrich H, Public Finance in Theory and Practice, Thompson South Western.

- 4. Mukherjee S, Ghose A & Nag N N, Analytical Public Finance. Public Economics-Public Choice-Public Policies, New Central Book Agency (P), Kolkata.
- 5. Musgrave & Musgrave., Public Finance in Theory and Practice, McGraw Hill, Singapore.

Fourth Semester

Course Name: Advanced Macroeconomics

Course Code: ECO040204

Existing Base Syllabus: UG CBCS Syllabus

Course Level: 200-299

Prerequisites: This course requires successful completion of Intermediate

Economics course offered in the third semester

Theory Credit: 04
Practical Credit: NIL

No. of Required Classes:

No. of Contact Classes: 50
No. of Non-contact Classes: 10

Course Outcomes:

CO-1: Provide an outline of the domain of Macro Economics

CO-2: Describe basic ideas on macroeconomic indicators or variables.

CO-3: Discusses various alternative theories of output and employment determination in a closed economy in short-run, medium-run.

CO-4: Analyses long run dynamic issues like growth and technical progress.

CO-5: Develops theoretical understanding of issues related to an open economy.

Unit No	Unit Content	No. of Classes	Marks
1	Consumption Function	15	20
	Average and Marginal Propensity to Consume; Factors influencing Consumption spending; Keynesian consumption function; An Overview of Post Keynesian theories of consumption: absolute income, relative income, permanent income & life cycle hypothesis.		

2	Investment Function	15	20
	Types of investment- Autonomous and Induced, residential investment and inventory investment; determinants of business fixed investment; marginal efficiency of capital, marginal efficiency of investment; Accelerator theory of Investment; Multiplier-Accelerator interaction.		
3	Macroeconomic modeling	14	30
	IS-LM model and policy analysis, Income determination in an open economy; Mundell-Fleming model; Exchange rate and its determination; Purchasing power parity; Demand-Supply and Balance of Payments theory.		
4	Inflation, Unemployment and Expectations	08	15
	Inflation-unemployment trade off and Phillips curve; Adaptive and Rational expectations; policy ineffectiveness debate.		
5	Economic Growth	08	15
	Harrod- Domar model; Solow model; Technological progress and elements of endogenous growth.		

- 1. Debraj Ray, Development Economics, Oxford University Press, 2009
- 2. Dornbusch, Fischer and Startz, Macroeconomics, McGraw Hill, 11th edition, 2010
- 3. Dominick Salvatore, International Economics: Trade and Finance, John Wiley, 10th Edition 2011
- 4. N. Gregory Mankiw. Macroeconomics, Worth Publishers, 7th edition, 2010
- 5. Richard T. Froyen, Macroeconomics, Pearson Education Asia, 2nd edition, 2005
- 6. Thirlwall, A. P. "Growth and Development" Palgrave, 9th edition, 2011.

Fourth Semester

Course Name: Introductory Quantitative Techniques for Economics

Course Code: 040304

Existing Base Syllabus: UG CBCS Syllabus

Course Level: 200-299

Prerequisites: No Theory Credit: 04 Practical Credit: NIL

No. of Required Classes:

No. of Contact Classes: 60
No. of Non-contact Classes: NIL

Course Outcomes:

CO-1: Select some important topics of Quantitative Techniques for beginners of Economics.

CO-2: Explain various preliminaries of mathematics like Differential Calculus, Integration of Functions, Single variable Optimization, Correlation Regression etc.

CO-3: Differentiate Differentiation from Integration, Correlation from Regression etc

CO-4: Interpret the results of correlation and regression coefficients.

CO-5: Design students' own model and interpret results.

Unit No	Unit Content	No. of Classes	Marks
1	Preliminaries of Mathematics	8	10
	Constants and Variables, Number system, Sets and set operations, Ordered pairs and Cartesian products, relations and functions, Types of functions: quadratic, polynomial, power, exponential, logarithmic, Limit and Continuity of a Function.		
2	Differential Calculus	12	20
	Differentiation of a function, Basic rules of differentiation, partial and total differentiation, second and higher order		

	derivatives for single variable, economic applications of		
	differentiation.		
3	Integration of Functions	12	20
	Meaning and significance of integration, basic rules of		
	integration, significance of a constant after integration,		
	applications: derivations of total functions (total cost,		
	total revenue, consumption and saving functions) from		
	marginal functions, Definite integral and its application-		
	consumer's surplus and producer's surplus.		
4	Single Variable Optimization	8	20
	Local and global optima: geometric characterization,		
	characterization using calculus: tests for maximization		
	and minimization, applications: profit maximization, cost		
	minimization, revenue maximization.		
5	Correlation Analysis	10	15
	Correlation, Coefficient of linear correlation, Properties of		
	Correlation coefficient, Rank Correlation, Partial		
	Correlation, Multiple Correlation.		
6	Regression Analysis	10	15
	Regression: Concept, Difference with Correlation		
	Analysis, Properties, Estimation of regression line in a		
	bivariate distribution-Least squares method, properties		
	of regression coefficients.		

- 1. K. Sydsaeter and P. Hammond, *Mathematics for Economic Analysis*, Pearson Educational Asia: Delhi, 2002
- 2. Chiang A.C. and K. Wainwright, *Fundamental Methods of Mathematical Economics*, McGraw Hill International Edition
- 3. Baruah S.N., Basic Mathematics and its Economic Applications, MacMillan
- 4. Jay L. Devore, Probability and Statistics for Engineers, Cengage Learning, 2010.
- 5. John E. Freund, Mathematical Statistics, Prentice Hall, 1992.

- 6. Richard J. Larsen and Morris L. Marx, *An Introduction to Mathematical Statistics and its Applications*, Prentice Hall, 2011.
- 7. S.C Gupta. Fundamentals of Statistics

Fourth Semester

Course Name: Advanced Microeconomics

Course Code:040404

Existing Base Syllabus: UG CBCS Syllabus

Course Level: 200-299

Prerequisites: No
Theory Credit: 04
Practical Credit: NIL

No. of Required Classes:

No. of Contact Classes: 60
No. of Non-contact Classes: NIL

Course Outcomes:

CO-1: Apply game theory to analyze market decisions.

CO-2: Analyze the implications of public policy on labour markets.

CO-3: Differentiate between forms of production functions such as Cobb-Douglas, CES, and Fixed coefficient type, and analyze their implications on total and partial factor productivity.

CO-4: Compare partial and general equilibrium approaches.

CO-5: Assess the criteria for social welfare optimization.

Unit No	Unit Content	No. of Classes	Marks
1	Input Markets	20	10
	Labour and land markets - basic concepts (derived		
	demand, productivity of an input, marginal productivity of labour, marginal revenue product);		
	productivity of labour, marginal revenue producty,		

demand for labour; input demand curves; shifts in input demand curves; competitive labour markets; and labour markets and public policy. Factors share & Technical progress- Backward bending supply curve of Labor.		
Theory of Production and Cost	15	10
Forms of Production Function; Cobb-Douglas, CES and Fixed coefficient Type – the Ideas of Partial and Total Factor Productivity—Derivation of Cost Function from Production Function – Multi-product Firm: production Efficiency Locus, Production Possibility Frontier.		
Consumer Theory and Information Economics	20	10
A review of Indifference Curve, Violation of premises of Indifference curve approach, Revealed Preference Theory. Inter-temporal choice, Choice under risk-Expected Return, variability and Expected utility hypothesis-Asymmetric information- Adverse Selection and Moral Hazard		
Market Structure and Game Theory	25	10
Monopoly, Pricing with Market Power; Degree of Monopoly, Price Discrimination- Different Degrees; Multi-plant Monopoly. Monopolistic competition: Product Differentiation, Perceived and Proportionate Demand Curves, Price-Output Determination. Oligopoly and Game Theory (Two Person Zero Sum Game, Basic ideas and examples of non-zero-sum games, Prisoner's Dilemma), Applications of Game Theory in Oligopolistic Markets (Cournot Equilibrium).		
	input demand curves; competitive labour markets; and labour markets and public policy. Factors share & Technical progress- Backward bending supply curve of Labor. Theory of Production and Cost Forms of Production Function; Cobb-Douglas, CES and Fixed coefficient Type – the Ideas of Partial and Total Factor Productivity—Derivation of Cost Function from Production Function – Multi-product Firm: production Efficiency Locus, Production Possibility Frontier. Consumer Theory and Information Economics A review of Indifference Curve, Violation of premises of Indifference curve approach, Revealed Preference Theory. Inter-temporal choice, Choice under risk-Expected Return, variability and Expected utility hypothesis-Asymmetric information- Adverse Selection and Moral Hazard Market Structure and Game Theory Monopoly, Pricing with Market Power; Degree of Monopoly, Price Discrimination- Different Degrees; Multi-plant Monopoly. Monopolistic competition: Product Differentiation, Perceived and Proportionate Demand Curves, Price-Output Determination. Oligopoly and Game Theory (Two Person Zero Sum Game, Basic ideas and examples of non-zero-sum games, Prisoner's Dilemma), Applications of Game Theory in Oligopolistic Markets (Cournot	input demand curves; competitive labour markets; and labour markets and public policy. Factors share & Technical progress- Backward bending supply curve of Labor. Theory of Production and Cost Forms of Production Function; Cobb-Douglas, CES and Fixed coefficient Type – the Ideas of Partial and Total Factor Productivity—Derivation of Cost Function from Production Function — Multi-product Firm: production Efficiency Locus, Production Possibility Frontier. Consumer Theory and Information Economics A review of Indifference Curve, Violation of premises of Indifference curve approach, Revealed Preference Theory. Inter-temporal choice, Choice under risk-Expected Return, variability and Expected utility hypothesis-Asymmetric information- Adverse Selection and Moral Hazard Market Structure and Game Theory Monopoly, Pricing with Market Power; Degree of Monopoly, Price Discrimination- Different Degrees; Multi-plant Monopoly. Monopolistic competition: Product Differentiation, Perceived and Proportionate Demand Curves, Price-Output Determination. Oligopoly and Game Theory (Two Person Zero Sum Game, Basic ideas and examples of non-zero-sum games, Prisoner's Dilemma), Applications of Game Theory in Oligopolistic Markets (Cournot

5	General Equilibrium & Welfare Economics	20	10
	Partial versus General Equilibrium Approaches-Walrasian General Equilibrium System. Pareto optimality, Kaldor-Hicks compensation		
	criteria, Social Welfare Function, Fundamental Theorems of Welfare Economics, Arrow's Impossibility Theorem.		

- 1. Dominick Salvatore, Schaum's Outline of Microeconomics, McGraw-Hill Education
- 2. G.S. Maddala and Ellen Miller, Micro Economic Theory and Application, Tata McGraw Hill.
- 3. Koutsoyiannis. A, Modern Micro-Economics, ELBS/Macmillan.
- 4. Pindyck, R. & Rubinfield, D.L., "Microeconomics", Pearson
- 5. C. Snyder and W. Nicholson, Fundamentals of Microeconomics, Cengage Learning (India).
- 6. Anindya Sen, Microeconomics-Theory and Application, Oxford University Press.

Fifth Semester

Course Name: Development Economics

Course Code: 050104

Existing Base Syllabus: UG CBCS Syllabus

Course Level: 300-399

Prerequisites: None
Theory Credit: 04
Practical Credit: NIL
No. of Required Classes:

No. of Required Classes.

No. of Contact Classes: 50
No. of Non-contact Classes: 10

Course Outcomes:

- CO 1: Interpret the various development strategies followed by different societies of the world.
- CO 2: Examine the process of development in different parts of the world.
- CO 3: Relate poverty, inequality and environment to the process of development.

CO 4: Compare and contrast the alternate theories of growth and development.

CO 5: Measure development using various indices to assess development conditions.

Unit No	Unit Content	No. of Classes	Marks
1	Concepts of Development	11	20
	Measurement of development: Traditional measure of development, HDI as a measure of development, Gender		
	Related Development Index. Structural Change and		
	Economic Development. Sustainable Development Goals,		
	Climate Change Challenges and Global Coordination Initiatives.		
2	Poverty, Inequality and Development	12	20
	Poverty - Conceptual Issues, Its Measurement, Poverty Trap - Definition, Causes and Economic Implications. Inequality - Conceptual Issues, Its Axioms and Measurement, Connections between Inequality and Development		
3	Classical Development Theories	12	20
	Theories of Evolution of a Capitalist Economy- Classical, Marx, Schumpeter. Theories of Persistence of		
	Underdevelopment: Vicious Circle, Rostow's Stages of Growth		
4	Strategies of Development	10	15
	Big Push Theory, Balanced and unbalanced Growth		
	Theory. Leibenstein Critical Minimum Theory		
5	Dualistic Pattern of Development	15	25
	Unlimited Supply of Labour and the Dual Economy - Models of Arthur Lewis and Fei-Renis, Rural-Urban		
	Migration: The Harris–Todaro Model, Core-Periphery Models - The Process of Cumulative Causation: Myrdal,		

Neo-Colonial Dependence Model; Dependency School of	
Development	

- 1. Barro & Salai-Martin, "Economic Growth", Prentice Hall of India.
- 2. Basu, K., "Analytical Development Economics:", OUP.
- 3. Meier, G.M., "Leading Issues in Economic Development", OUP.
- 4. Roy, D., "Development Economics", OUP.
- 5. Thirlwall, A. P. "Growth and Development" Palgrave
- 6. Todaro, M.P., "Development Economics", Pearson.
- 7. UNDP, "Human Development Reports", OUP.
- 8. World Bank, "World Development Reports", OUP

Fifth Semester

Course Name: Indian Economy

Course Code: 050204

Existing Base Syllabus: UG CBCS Syllabus

Course Level: 300-399

Prerequisites: None
Theory Credit: 04
Practical Credit: NIL

No. of Required Classes:

No. of Contact Classes: 53
No. of Non-contact Classes: 07

Course outcome:

- CO 1: Summarise the status of Indian economy in terms of development indicators since independence
- CO 2: Analyse the various changes initiated in India's agriculture and the rural sector
- CO 3: Examine the growth of India's manufacturing and service sector.
- CO 4: Assess the reforms and the recent policy initiatives introduced in the Indian economy

Unit	Unit Content	No. of	Marks
No		Classes	
1	Broad Trends and Compositions	10	20
	State of the Indian Economy at the time of independence – Growth in		
	GDP and per capita income and changes in sector-wise composition		
	during 1951-80 - BOP crisis brewing in 1980s - market oriented		
	economic reforms initiated in 1991 – Growth trends, sector-wise		
	composition, poverty and inequality in the post reform period		
2	Agriculture and the rural sector	13	25
	Land reforms – Green Revolution – Agrarian crisis of 1990s		
	Horticulture and livestock as new areas of growth – Role of PMGSY		
	and MGNREGS in rural transformation - Challenges in the 21 $^{\rm st}$ century:		
	GM crops, Climate smart agriculture and doubling of farmers' income		
	 Reforms in agriculture 		
3	Manufacturing and Service Sectors	12	20
	Slow growth of manufacturing and its impact on employment		
	generation – Growing role of services in income and employment		
	generation – Definition, composition and prospects of MSME		
4	Key Initiatives and Reforms	08	15
	GST – Direct Benefit Transfer – Jan Dhan Yojana and financial inclusion		
	- Outstanding reforms: Land acquisition, Labour laws, and banking		
	sector reforms – the challenge of formalizing of the economy		
5	India in the Global Economy	10	20
	Size of the Indian Economy in the global context - Trade openness in		
	the post-reforms and post-WTO regime – trends in the trade-GDP		
	ratio - Capital flows (FDI and FII) and their impact — BIMSTEC and		
	India-ASEAN free trade initiatives		

- 1. Arvind Panagariya (2010): India the Emerging Giant, OUP
- 2. Jagdish Bhagyawati and Arvind Panagariya (2015) Why Growth Matters, OUP
- 3. Abhijit Banerjee, Rajan, Raghuram Rajan, Gita Gopinath, Mihir S. Sharma (2019) *What the Economy Needs Now*, Juggernaut Books, New Delhi

4. Statistical Appendix of the Latest Economic Survey, Ministry of Finance, Government of India

Fifth Semester

Course Name: International Economics

Course Code: ECO050304

Existing Base Syllabus: UG CBCS Syllabus

Course Level: 300-399

Prerequisites: Preliminary knowledge on international Economics as outlined in 3rd semester

course on Intermediate Economics.

Theory Credit: 04
Practical Credit: NIL

No. of Required Classes:

No. of Contact Classes: 60
No. of Non-contact Classes: NIL

Course Outcomes:

CO1: Describe economic relationships among countries in terms of both trade and monetary issues.

CO2: Explain the composition, direction and consequences of international trade.

CO3: Analize the determinants and effects of various trade policies.

CO4: Assess the advances in trade theories over the years, trade policies as well as international monetary systems.

CO5: Explain real-world examples and case studies related to international trade.

Unit No	Unit Content	No. of Classes	Marks
1	Evolution of International Trade Theories	15	25
	The Ricardian theory- comparative advantage, Heckscher-Ohlin model, Factor price equalisation- Absolute and Relative, specific factors model, Empirical testing of H-O model: Leontief Paradox, factor-intensity reversal.		
2	Advances in Trade Theories	13	20

	International trade in the context of economies of scale		
	and imperfect competition, technological gap model of		
	Posner and product cycle theory of Vernon; multinational		
	enterprises and international trade.		
3	Trade Policy	12	25
	Instruments of trade policy- tariff and quota- partial		
	equilibrium analysis; political economy of trade policy-		
	free trade vs. protection; controversies in trade policy,		
	fixed versus flexible exchange rates; system of managed		
	floating exchange rate.		
4	International Economic Integration	10	15
	Importance and forms of economic integration; costs of		
	economic integration; Theories of Customs Union- partial		
	equilibrium analysis.		
5	International Monetary System	10	15
	International monetary systems-definition, properties of		
	a good international monetary system, Evolution of		
	international monetary system from past to present;		
	financial globalization and historical financial crises.		
1			

- 1. Paul Krugman, Maurice Obstfeld, and Marc Melitz, *International Economics: Theory and Policy*, Addison-Wesley (Pearson India Education Services), 10th edition, 2019.
- 2. Dominick Salvatore, *International Economics: Trade and Finance*, John Wiley International Student Edition, 10th edition, 2011.
- 3. Bo Sodersten and Geoffrey Reed: International Economics, Macmillan, 3rd edition, 1994.
- 4. H G Mannur, *International Economics: Theory and Practice*, Vikash Publishing House.

Fifth Semester

Course Name: Intermediate Quantitative Techniques for Economics

Course Code: 050404

Existing Base Syllabus: UG CBCS Syllabus

Course Level: 300-399

Prerequisites: Preliminary knowledge on Mathematical Economics as outlined in 4th semester course on Introductory Quantitative Techniques for Economics.

Theory Credit: 04
Practical Credit: NIL

No. of Required Classes:

No. of Contact Classes: 60
No. of Non-contact Classes: NIL

Course Outcomes:

CO-1: Identify topics of Quantitative Techniques for students of Economics at intermediate level.

CO-2: Compute solutions of simple market model, national income model and other simultaneous equations by using matrix.

CO-3: Explain some basic concepts of functions and their applications.

CO-4: Measure trend value by using Moving Average method and least square.

CO-5: Integrate the knowledge of quantitative methods in interpreting economic issues.

Unit No	Unit Content	No. of Classes	Marks
1	Linear Algebra	10	25
	Matrix: various types of matrices, vector and vector space-concept, matrix operations: addition, subtraction and multiplication; rank, norm and trace of a matrix, introduction to the concept of determinants and their properties, non-singularity of matrix, matrix inversion, solutions of simultaneous equations by using matrix inversion and Cramer's rule, simple market model and national income model.		
2	Functions of Real Variables	06	10
	Homogeneous and homothetic functions: concepts, Differentiable functions: concepts, Implicit Function		

	Theorem and applications; convex, quasi-convex and concave functions.		
3	Multi-variable Optimization	12	20
	Unconstrained optimization: geometric characterization,		
	characterization using calculus and applications: price		
	discrimination and multi-plant firm; constrained		
	optimization with equality constraints, Lagrange		
	multiplier, applications: consumer's equilibrium and		
	producer's equilibrium.		
4	Elementary Probability Theory	12	15
	Sample spaces and events; probability axioms and		
	properties; addition and multiplication theorem of		
	probability, counting techniques; conditional probability		
	and Bayes' rule (concept only); Defining random		
	variables; expected values of random variables.		
5	Theoretical distributions	10	15
	Functions of random variables (probability mass function		
	and probability density function), Commonly used		
	discrete and continuous distributions (Uniform, Binomial,		
	Poisson and Normal).		
6	Introduction to Time Series	10	15
	Time Series Analysis-Concept and Components;		
	Measurement of Trend		

- 1. K. Sydsaeter and P. Hammond, *Mathematics for Economic Analysis*, Pearson Educational Asia: Delhi, 2002
- 2. Chiang A.C. and K. Wainwright, *Fundamental Methods of Mathematical Economics*, McGraw Hill International Edition
- 3. Baruah S.N., Basic Mathematics and its Economic Applications, MacMillan
- 4. Jay L. Devore, Probability and Statistics for Engineers, Cengage Learning, 2010.
- 5. John E. Freund, Mathematical Statistics, Prentice Hall, 1992.

- 6. Richard J. Larsen and Morris L. Marx, *An Introduction to Mathematical Statistics and its Applications*, Prentice Hall, 2011.
- 7. S. C. Gupta and V.K. Kapoor. Fundamentals of Applied Statistics
- 8. S. C. Gupta and V.K. Kapoor. Fundamentals of Mathematical Statistics

Sixth Semester

Course Name: Assam Economy

Course Code: 060104

Existing Base Syllabus: UG CBCS Syllabus

Course Level: 300-399

Prerequisites: No Theory Credit: 04
Practical Credit: NIL

No. of Required Classes:

No. of Contact Classes: 60
No. of Non-contact Classes: NIL

Course outcome:

CO1: Describe the status of Assam economy in some development indicators since independence

CO2: Discuss the linkage between human capital formation and different sectors of an economy.

CO3: Analyse the relevance of policies and its effects on different sectors in the context of the economy of Assam.

CO4: Justify the need for the state's relationship with her neighbouring states.

CO5: Prescribe policies for the overall upgrade of the state economy.

Unit No	Unit Content	No. of Classes	Marks
1	The Economy under Colonial Rule (1837 -1947)	10	15

	Imposition of Land Revenue and Its Impact, Prohibition of Opium Production and State Takeover of Opium Trade, Inflow of Colonial Investment in Plantation, Mining and Other Industries. Development of Water Transport and Railways, In-migration of Population and its Impact on the Economy: Shock of Partition and its Impact		
2	Growth and Sectoral Composition in the Post-Independence Period	15	25
	Population growth trends before and after 1971, Trends in Demographic Parameters: Population Density, Sex Ratio, Life Expectancy, Fertility Rate and Infant Mortality Rate – Work Force and Labour Force Participation, Occupational Distribution. Trends and Sector-wise Composition of GSDP, Trend in Per Capita NSDP in comparison with trends in all-India Per Capita Income Trends in Other Indicators of Development in Comparison with all-India standard: Life expectancy, Literacy, Enrolment and Forest Cover		
3	Sectoral Status and Prospects:	20	35
	Infrastructure: Status of Road, Rail and Air Connectivity within and out of the State; Potentials and Limitation of Waterways Development; Status of Power and Telecommunication Agriculture: Land Holding Patterns, Land Tenure and Land Reforms, Cropping Pattern, Production and Productivity of Principal Crop —Diversification of the Rural Economy to Horticulture, Fishery, Livestock and Non-farm activities — Prospects and Challenges of the Sector. Industry: Tea Industry and Role of Small Tea Growers, The Future of Hydrocarbon Industry. Traditional Handloom Handicraft and their Prospect; Service Sector: Size and Composition. Tourism Resources and their Economic Potentials: Policies for sustainable realization		
4	State Finances:	9	15
	Trends and composition of State Government receipts before and after GST regime. Composition of Public Expenditure and its		

	implications. Sustainability of Government Borrowing. Fiscal		
	Devolution to Local Bodies (Panchayats, Municipalities and		
	Autonomous Councils)		
	Assam Economy in its Neighborhood	6	10
5	Assam Economy in its Neighborhood	6	10
	Mutual inter-dependence with neighboring States		10

- Atul Goswami "Assam's Industrial Development: Urgency of New Direction", Economic and Political Weekly 1981
- 2. Department of Economics, Gauhati University, "Identity Aspirations, Developmental Backlogs and Governance Issues in Northeast India" Maliyata Offset Press, Mirza, 2016
- 3. Directorate of Economics and Statistics, Government of Assam, "Economic Survey Assam" [recent issues] https://des.assam.gov.in/information-services/economic-survey-assam
- 4. Directorate of Economics and Statistics, Government of Assam, "Statistical Handbook of Assam" 2018 or later addition
- 5. Guha, Amalendu, Planter's Raj to Swaraj, Second Edition (paperback)
- 6. India Brand Equity Foundation "About Assam: Tourism, Industries In Assam, Agriculture, Economy & Geography", June 2020, https://www.ibef.org/states/assam.aspx
- 7. J B Ganguli, "Economic Conditions and Change in North-East India" in A.P. Singha (ed) Changing North East India, Ludhiana: Gagan Publishers, 1986
- 8. J N Sarma, "Problems of Economic Development in Assam" Economic and Political Weekly, Vol. 1, No. 7, Pp. 281+283-286.
- 9. Planning and Development Department, Government of Assam "Assam Human Development Report 2014"

Sixth Semester

Course Name: Basics of Econometrics

Course Code: 060204

Existing Base Syllabus: UG CBCS Syllabus

Course Level: 300-399

Prerequisites: No Theory Credit: 04 Practical Credit: NIL

No. of Required Classes:

No. of Contact Classes: 52
No. of Non-contact Classes: 08

Course Outcomes:

CO-1: Identify sources, consequences, and detection methods of violations of classical assumptions in regression analysis.

CO-2: Estimate parameters in multiple linear regression models and evaluate the properties of Ordinary Least Squares (OLS) estimators

CO-3: Demonstrate proficiency in utilizing MS Excel for econometric applications and solutions, including data analysis and interpretation of econometric models.

CO-4: Analyze the properties and applications of statistical distributions

CO-5: Utilize simple linear regression models for forecasting purposes.

Unit No	Unit Content	No. of Classes	Marks
1	Statistical Background	10	15
	Normal distribution, chi-square, t- distribution, and F-distribution; estimation of parameters, properties of estimators, Statistical Inferences, Hypothesis testing, Type I and Type II errors, power of a test; Level of Significance, Confidence Interval.		
2	Simple Linear Regression Model	12	25
	Two Variable Case, Estimation of model by method of ordinary least squares, properties of estimators, Gauss-Markov theorem, BLUE, goodness of fit; tests of		

	hypotheses, scaling and units of measurement, confidence intervals, forecasting.		
3	Multiple Linear Regression Model	10	15
	Estimation of parameters, properties of OLS estimators, goodness of fit, R ² and adjusted R ² , partial regression coefficients, testing hypotheses – individual and joint, functional forms of regression models, qualitative (dummy) independent variables.		
4	Violations of Classical Assumptions	10	15
	Sources, Consequences, Detection and Remedies of Multicollinearity, heteroscedasticity, serial correlation		
5	Specification Analysis	10	15
	Omission of a relevant variable, inclusion of irrelevant variable, tests of specification errors		

- 1. R P Hooda, Statistics for Business and Economics, Vikas Publishing
- 2. D. N. Gujarati and D.C. Porter, Essentials of Econometrics, McGraw Hill, 4th edition, International Edition, 2009.
- 3. Christopher Dougherty, Introduction to Econometrics, Oxford University Press,4th edition, Indian edition, 2011.
- 4. Wooldridge J.M., Introductory Econometrics: A Modern Approach, Cengage Learning India Pvt. Ltd, 2014

Sixth Semester

Course Name: Financial System

Course Code: 060304

Existing Base Syllabus: UG CBCS Syllabus

Course Level: 300-399

Prerequisites: None

Theory Credit: 04
Practical Credit: NIL

No. of Required Classes:

No. of Contact Classes: 55
No. of Non-contact Classes: 05

Course Outcome:

CO-1: Identify the various components of a financial system.

CO-2: Explain the operation of a bank as a financial intermediary and understand measures undertaken to regulate banks.

CO-3: Illustrate the trading process in the stock market.

CO-4: Assess the operation of the various instruments of the money market.

CO-5: Explain the modalities of resource mobilization in capital markets through various capital market assets.

Unit No	Unit Content	No. of Classes	Marks
1	The Financial System	10	20
	The nature of credit, Financial system and its		
	Components: Instruments, Markets, Institutions and		
	Services, The Functional Perspective of the Financial		
	System, Financial System in Economic Growth and		
	Global Integration.		
2	The Money Market	15	25
	Structure and functions, Instruments in the money		
	market, Call Money Market and its participants,		
	Volatility in Call Rates, Money Market Intermediaries:		
	The Discount and Finance House of India and Money		
	Market Mutual Funds, Liquidity Management		
	Instruments in the Money Market		
3	The Capital Market	18	30
	The Capital market: Its nature and functions, Primary		
	Capital Market: Instruments of resource mobilization-		
	Public Issues: IPO & FPO, Right Issues, and Private		
	Placement, Resource mobilization from International		

	Capital Market, Pricing of new issues: the Book Building process, Reverse Book Building and Green Shoe Option, Secondary Capital Market: Organization, Management and Membership, Trading & Settlement, The Over the Counter Exchange of India, The Depository System and its operation, Stock Market Index- Method of calculating the index, Mutual Fund and its functional classification, Net Asset Value		
4	Banking Sector Operations	12	25
	Overview of bank operations: Banks as financial intermediaries, Sources of Funds of banks, Uses of Funds by banks, Off-balance sheet activities of banks, Regulation of banks: Capital Regulation, Operations Regulation, Bank Monitoring Measures undertaken by Regulators, Issues relating to government bailout, Reforms in Banking Sector in India.		

References:

- 1. Bodie Z, Merton R. C. &Cleeton D. L. *Financial Economics*. Pearson/ Prentice Hall.
- 2. Madura J. *Financial Institutions and Markets*, Thomson South Western.
- 3. Pathak B. V. *Indian Financial System*, Pearson Education, Singapore.
- 4. Prasanna Chandra. Fundamentals of Financial Management. McGraw Hill Education
- 5. Rustagi, R.P. Fundamentals of Financial Management. Taxmann Publication Pvt. Ltd.

Sixth Semester

Course Name: Environmental Economics

Course Code: 060404

Existing Base Syllabus: UG CBCS Syllabus

Course Level: 300-399

Prerequisites: None
Theory Credit: 04
Practical Credit: NIL

No. of Required Classes:

No. of Contact Classes: 55

No. of Non-contact Classes: 05

Course Outcome:

CO-1: Draw a comprehensive knowledge and understanding of the issues related to environment and economy.

CO-2: Indicate the issues related to market failure of environmental goods and the instruments which can prevent the damages of market failure of environmental goods.

CO-3: Differentiate environmental policies to reduce anthropogenic effect on environment.

CO-4: Explain how an economy should use the natural resources in an optimum way, such that an economy can take up the path of sustainable development.

CO-5: Make aware of global environmental issues.

Unit No	Unit Content	No. of	Marks
		Classes	
1	Introduction	20	10
	Basic concepts: Environment, Ecology, Economy and the		
	ecosystem. Definition and scope of Environmental economics,		
	why study environmental economics. Interaction between		
	the environment and the economy, environmental economics		
	and ecological economics, Environmental economics and		
	resource economics.		
2	Market Failure in allocation of Environmental resources	20	10
	Externality and its types; Market Failure: Meaning, Causes of		
	market failure; Environment as a public good, Solutions to		
	market failure: Government Intervention; Common Property		
	Resources and its management.		
3	The Design and Implementation of Environmental Policy	20	15
	Environmental Policies: Overview; Conventional Instruments:		
	Command and Control (CAC) approach; Economic Instruments		
	of Environmental Policies: Pigovian taxes and effluent fees,		
	tradable permits and Liability rules. Monitoring and		
	Enforcement: Meaning, Penalties, Cost of abatement.		
4	Sustainable Development:	20	10
	Approaches to Sustainable Development: weak sustainability,		
	strong sustainability, Safe minimum standard approach,		

	ecological perspective and social perspective, Rules and indicators of Sustainable Development; Green Accounting		
	(concept only)		
5	International Environmental Problems and Initiatives:	20	10
	Transboundary pollution (Problems of International		
	Externalities), Economics of Climate change and Variability:		
	Causes and Consequence; Inter linkages and trade off between		
	Environment and Development. Environmental Kuznet Curve.		
	Trade and environment: pollution haven hypothesis. Global		
	Intervention for Sustainable Development		

- 1. Charles Kolstad, Intermediate Environmental Economics, Oxford University Press,
- 2. Bhattacharyya R, Environmental Economics, Oxford University Press.
- 3. Nick Hanley, Jason F. Shogren and Ben White, Introduction to Environmental Economics,Oxford University Press.
- 4. Robert N. Stavins (ed.), Economics of the Environment: Selected Readings, W.W. Norton, 5th edition, 2005.
- 5. Roger Perman, Yue Ma, James Mc Gilvray and Michael Common, Natural Resource and Environmental Economics, Pearson Education/Addison Wesley, 3rd edition, 2003.
- 6. Maureen L. Cropper and Wallace E. Oates, 1992, —Environmental Economics: ASurvey, | Journal of Economic Literature, Volume 30:675-740.
- 7. Subhashini Muthukrishnan, Economics of Environment, PHI Learning Private Limited, 2nd edition, 2015.

Course Name: History of Economic Thought (C)

Course Code: ECO090304

Existing Base Syllabus: UG Non-CBCS Syllabus

Course Level: 500

Prerequisites: - NIL Theory Credit: 04

Practical Credit: NIL

No. of Required Classes:

No. of Contact Classes: 55 No. of Non-contact Classes: 05

Course Outcomes:

CO 1: Understand how early philosophers and thinkers influenced economic thought

- CO 2: Discuss and evaluate the main ideas of different schools of thought and thei contribution towards the development of modern economic thought.
- CO 3: Comprehend and analyse the developments in economic thought in the context of India
- CO 4: Relate the economic ideas of different schools with the prevailing economic situation of their times.

Unit	Unit Content	No. of	Marks
No		Classes	
1	EARLY PERIOD	08	15
	Basic Economic Ideas of Plato and Aristotle, Mercantilism: Tenets, Rise and Fall Physiocracy: Concept of Natural Order, Net Product and Tableau Economique of Quesnay.		
2	CLASSICAL SCHOOL	15	25
	Adam Smith: Views on Division of Labour, Theory of Value, Capital Accumulation, Distribution, Trade and Economic Development. David Ricardo: Views on Theory of Value, Theory of Distribution, Theory of Rent. Thomas Robert Malthus: Theory of Population, Theory of Glut. J.B. Say: Laws of Market. J.S.Mill: Restatement of Classical Theory.		
3	NEO-CLASSICAL SCHOOL	15	25
	Stanley Jevons: Ideas of consumption, exchange and distribution; Alfred Marshall: Theory of Utility, Theory of Exchange; Sir John Hicks: Theory of Trade Cycle; A.C.Pigou: Theory of Welfare; Vilfredo Pareto: Concept of Social Welfare.		
4	MATHEMATICAL SCHOOL:(Classes: 05, Marks: 10)	05	10

	Important ideas of Cournot, Leon Walras, Edgeworth, Fisher and		
	Leontief.		
5	INDIAN ECONOMIC THOUGHT	12	25
	Main themes of Kautilya's Arthasashtra; Modern Economic Ideas: Dada		
	Bhai Naoroji, Ranade, Gokhale; M.K.Gandhi's ideas on – Village,		
	Swadeshi, Khadi, Cottage Industries and place of Machine,		
	Decentralisation, Trusteeship, Sarvodaya.		

- 1. Guide, C. & C. Rist: A History of Economic Doctrine, George G. Harrap & Co.
- 2. Roll, Eric.: A History of Economic Thought. Faber and Faber.
- 3. Hajela, T.N.: History of Economic Thought, ANE Books pvt., Ltd.
- 4. Bhatia, H.L.: History of Economic Thought, Vikash
- 5. Vohra, Munish: History of Economic Thought, Anmol Pub.
- 6. Haney, Lewis: History of Economic Thought, Surject Publication.
- 7. Datta, Bhabatosh: Indian Economic Thought, Tata McGraw Hill.
- 8. Srivastava, S.K.: History of Economic Thought, S. Chand & Company (pvt.) Ltd.
- 9. Ghosh, Dr.B.N. & Ghosh, Dr.Rama: Concise History of Economic Thought, Himalaya Publishing House.