



National Education Policy-2020

Maa Pateswari University, Balrampur

Syllabus for Under Graduate Courses

SUBJECT: ECONOMICS

Structure of Syllabus is developed by:

S. N.	Name	Designation	Department	College/University
1.	Dr. Abhai Kumar Srivastava	Professor, Convener of the Team	Department of Economics	Shri Lal Bahadur Shastri Degree College, Gonda
2.	Dr. Jitendra Bahadur Pal	Professor, Invited Member	Department of Economics	Shri Lal Bahadur Shastri Degree College, Gonda
3.	Dr. Alok Kumar Goel	Professor, Member	Department of Economics	Deen Dayal Upadhyay Gorakhpur University, Gorakhpur
4.	Dr. Arvind Kumar Singh	Associate Professor	Department of Economics	Shiv Pati P.G. College, Shohratgarh, Siddharth Nagar

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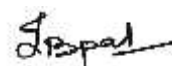
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B.A. in Economics

The Course is designed for the students pursuing graduation with Economics in regular mode. The programme aims to inculcate economic thinking among the students in economic decision making by comprehending economic theory. It aims to develop analytical view point in the students about the economic behaviour of people. The objective is to nurture among student a view point of a socially responsible and ethical aware citizen. The under graduate programme will have 10 courses in 6 Semesters in 3 years. In the Fifth and the Sixth Semester 01 paper is given as optional. In the Fourth Semester it is proposed to have Research Project keeping in the spirit of the New Education Policy 2020 to introduce research at the graduation level. The structure of syllabus is based on the template of UGC proposed for the CBCS for undergraduates in Economics (Regular).

Programme Specific Outcomes (PSOs)- Student after completing graduation will be able to learn-

PSO 1: The behavioural patterns of different economic agents, advance theoretical issues and their applications.
PSO 2: Understand the basic concept of microeconomics.
PSO 3: Understanding basic concepts of Macroeconomics.
PSO 4: Acquaint with some basic statistical methods to be applied in economics.
PSO 5: Acquaint with some basic mathematical methods to be applied in economics.
PSO 6: Acquaint with some basic theoretical concept of public finance.
PSO 7: Acquaint with the measurement of development with the help of theories along with the conceptual issues of poverty and inequalities with Indian perspectives.
PSO 8: Delineate the fiscal policies designed for developed and developing economics.
PSO 9: Facilitate the historical developments in the economic thoughts propounded by different schools. To familiarise students with the contribution of Indian Economic Thinkers and the relevance of their contribution.
PSO 10: Learn the basic concept of monetary analysis and financial marketing in Indian financial markets.
PSO 11: Learn the development issues of Indian economy.
PSO 12: Acquaint with some basic concept of environmental economics along with the solution of the environmental problems.
PSO 13: Learn the real and monetary sides of international economics.
PSO 14: Familiarise and acquaint with the characteristics of the economy of Uttar Pradesh.
PSO 15: To familiarize the students about issues of ethics in economic thinking and practice.



List of all papers in all Six semesters.

Semester-wise Titles of the Papers in B.A. (Economics) Major Courses

w.e.f. session- 2025-26					
Year	Sem.	Course Code	Paper Title	Theory/ Practical	Credits
1	I	A080101T	Principles of Micro Economics	Theory	6
1	II	A080201T	Principles of Macro Economics	Theory	6
2	III	A080301T	History of Economic Thought	Theory	6
2	IV	A080401T	Money, Banking and Public Finance	Theory	6
2	IV	A080402R	Research Project	Project	3
3	V	A080501T	Economic Growth and Development	Theory	5
3	V	A080502T/ A080503T	Optional Paper (Any 1) Environmental Economics Or International Economics	Theory	5
3	VI	A080601T	Indian Economy & Economy of Uttar Pradesh	Theory	5
3	VI	A080602T/ A080603T	Optional Paper (Any 1) Agriculture Economics Or Elementary Statistics	Theory	5

**BA 1st Year
Sem. I
Course I (Theory)**

Programme/Class: Degree/ BA	Year: First	Semester: First
Subject: Economics		
Course Code: A080101T	Course Title: Principles of Micro Economics	
Course Outcome: • The students are familiarized with basic concepts of microeconomics such as laws of demand and supply and elasticity etc so that he/she can comprehend them & familiarize with day today happenings. • The students learn and understand the concepts of consumer behaviour like cardinal utility and ordinal utility analysis. • The students learn and understand application of Indifference curve analysis in deriving demand curves, price effect, income effect and substitution effect. • The students learn and understand the Theory of production- iso-quants, laws of returns to scale, law of variable proportion.		

• The students learn, understand and compare between the Traditional and modern theory of cost. • Demonstrate an understanding, usage and application of basic economic principles. • Describe and apply the methods for analyzing consumer behaviour through demand and supply, elasticity and marginal utility. • To analyze the behavioural patterns of different economic agents regarding profit, price, cost etc. • The decision-making process in different market situations such as perfect competition, monopolistic competition, monopoly and oligopoly markets. • To deal with the advance theoretical issues and their practical applications of distribution theories.		
Credits: 6		Core Compulsory
Max. Marks: 25+75 Min. Passing Marks: 40		Max. Marks: 25+75 Min. Passing Marks: 40
Total No. of Lectures-Tutorials-Practical (in hours per week): L- 4/w		
Unit	Topics No. of Lectures	Topics No. of Lectures
Part I		
I	Definition, scope and nature of economics. Methods of economic study: Deductive and Inductive Methods. Concept and measurement of utility, Cardinal and ordinal approaches of utility. Kinds of utility- Total and marginal utility.	10
II	Consumer's Behaviour: Utility Analysis; Utility and satisfaction; law of diminishing marginal Utility; Law of Equi-marginal utility; consumer's equilibrium. Engle's Law of consumption. Indifference curve Analysis: evolution and development of Indifference curve; Meaning, definition and properties of indifference curve; marginal rate of substitution; Consumer's Equilibrium. Income, substitution and price effects. Inferior and Giffin goods. Derivation of demand curve from indifference curve. Revealed preference theory.	12
III	Demand and supply: Law of demand, determinants of demand; Individual and market demand; Expansion and contraction of demand; increase and decrease in demand; factor influencing demand. Law of supply: determinants of supply; Shifts of supply versus movement along a supply curve; market supply. Consumer's surplus and producer's surplus. Elasticities: price, income and cross elasticity of demand. Methods for measuring elasticity of demand; Elasticity of substitution.	12
IV	Production and Cost: Production function, combination of factors; laws of production; law of variable proportions; Iso-quants and iso-cost lines; producer's equilibrium: Expansion path; Ridge lines. Concept of cost and revenue: Different concepts of cost and their interrelation; short-run and long-run cost curve; Economies and diseconomies of scale. Revenue analysis: Relations among TR, AR and MR. Relation among AR, MR and elasticity of demand	11
Part II		
V	Market and Price determination: Structure of markets; Perfect and imperfect markets. Perfect competition: Equilibrium of a firm and industry under perfect competition; Short and long run. Theory of Monopoly firm: short run and long run price and output decisions of a monopoly firm; Price discrimination; Dumping; Degree of monopoly power.	12
VI	Monopolistic completion: Assumptions, Short Run and Long Run price and output determinations under monopolistic competition. Group Equilibrium. Oligopoly and Duopoly: assumptions; Price and output determination under oligopoly (inbrief).	10
VII	Income Distribution and Factor pricing: Concept and measurement of factor pricing; Marginal productivity theory of distribution; Modern theory of distribution. Euler's theorem. Concept of wage and its theories; Money and real wage; Modern theory of wage; Wage determination under collective bargaining. Concept of rent and its theories: Ricardian and Modern theory of rent; Quasi Rent.	12
VIII	Concept of Interest: Meaning and kinds of interest; Causes of difference in the rate of interest; Concept and theories of profit: Innovation, Risk and Uncertainty theories. Welfare Economics: Concept and definition; Problems of measuring welfare; Classical and neo-classical welfare economics; Value judgement; Pareto's criteria. Compensation principle: Kaldor, Hicks and Scitovsky.	11

Suggested Readings:

1. Ahuja, H.L(2013): Advanced Economic Theory”, S. Chand & Company.
2. Shastri, Rahul. A (1999) : Microeconomics”, Orient Blackswan.
3. Ahuja, H.L (2012): Ucchatar Arthik Siddhant”, S. Chand & Company, New Delhi.
4. Dwivedi, D.N (2011): Microeconomics-Theory & Applications”, Pearson.
5. Lal, S.N (2013): Arthshastra Ke Siddhant”, Shiva Publishing House, Allahabad.
6. Seth, M.L (2012): Arthshastra Ke Siddhant”, Laxmi Narayan Publications, Agra
7. Lipsey, Richard&Chrystal,Alec (2011): Economics”, Oxford University Press Publications, New Delhi.
8. Pindyck, Robert.S., Rubinfeld. Daniel. L., Mehta. Prem. L (2009): Microeconomics”, Pear son.
9. Salvatore, Dominic (2010): Principles of Microeconomics”, Oxford University Press Publications, New Delhi.
10. Samuelson, Paul. A & Nordhaus, William D.(2010): Economics”, Tata McGraw Hill.
11. Koutsoyiannis, A (2008) (2nd ed): Modern Microeconomics”, Macmillan.
12. Stonier, A.W. & Hague. Douglas. C (2003) (5thed) : A Text Book of Economic Theory”, Pearson.

Suggested Continuous Evaluation Methods:

Assignment / Test / Quiz (MCQ) / Seminar/ Presentations/ Research orientation of students.

Suggested equivalent online:

Swayam
Coursera

BA 1stYear
Sem. II
Course I (Theory)

Program/Class: Degree/BA		Year: First	Semester: Second
Subject: Economics			
Course Code: A080201T		Course Title: Principles of Macro Economics	
Course Learning Outcomes • Students are able to explain national income, comprehend calculation methods of national income, and concepts related to national income. • Students are able to comprehend classical theory of employment and the Keynesian approach. • Students are able to comprehend the concept of multiplier and it's working. • Students are able to understand the relationship between inflation and employment. • Students are able to relate factors determining national income such as consumption, saving and investment.			
Credits: 6		Core Compulsory	
Max. Marks: - 25+75		Min. Passing Marks:40	
Total No. of Lectures-Tutorials-Practical (in hours per week): L- 4/w			
Unit	Topics No. of Lectures		Topics No. of Lectures
Part I			
I	Introduction: What is macroeconomics? Macroeconomic issues in an economy. Macro vs. Micro Economics, Limitations of Macroeconomics; Introduction to National Income. Concepts of GDP,		12
II	National Income Accounting: Concepts of GDP GNP, NDP and NNP at market price and factor cost; Personal Income and Disposable Personal Income. Measurement of National Income-		12

	Income, expenditure, product or Value-added Methods and related aggregates; nominal and real income; limitations of the GDP concept.	
III	Circular Flow of Income and expenditure in two, three, and four-sector economy. National Income and Economic Welfare; Green Accounting.	11
IV	Classical Theory of Employment. Say's Law of Markets. Keynes' Objection to the Classical Theory; Aggregate Demand and Aggregate Supply Functions; The Principle of Effective Demand; Consumption Function - Average and Marginal Propensity to Consume; Factors influencing Consumption Spending	11
Part II		
V	The Investment Multiplier and its Effectiveness in LDCs; Theory of Investment - Autonomous and Induced Investment; Marginal Efficiency of Capital; Savings and Investment - Ex Post and Ex Ante, Equality and Equilibrium. Principle of Accelerator.	11
VI	Rate of Interest: Classical, Neo-Classical and Keynesian Theories of Interest. Indeterminateness in Liquidity Preference Theory	11
VII	IS-LM Analysis: Derivations of the IS and LM functions; IS-LM and aggregate demand; shifts in the AD curve.	11
VIII	Inflation and Unemployment Concept of inflation; determinants of inflation; relationship between inflation and unemployment: Phillips Curve in short run and long run.	11
Suggested Readings: 1. Ackley, G (1976) : Macroeconomics: Theory And Policy, Macmillan, New York. 2. Ahuja, H.L (2012) : Macroeconomics: Theory and Policy , S. Chand &Company, New Delhi. 3. Ahuja, H.L (2012) : Samasti Arthshastra, S. Chand &Company, New Delhi. 4. Lal, S.N (2012) : Samastibhavi Visleshan, Shiva Publishing House, Allahabad. 5. Branson, W.A (1989) : Macroeconomics Theory And Policy, Harper & Row. 6. D.L (1969): Advanced Macroeconomics, McGraw Hill, New York. 7. Dornbusch, Rudiger & startz, Richard (2012): Macroeconomics, Tata McGraw Hill Education. 8. Dwivedi, D.N (2010): Macroeconomics: Theory and Policy, Tata McGraw Hill Education. 9. Gupta, R.D. & Rana, A.S (2009) : Keynes post-Keynesian Economics , Kalyani Publishers, New Delhi & Ludhiana. 10. Hansen, A.H (1953): A Guide To Keynes, McGraw Hill. 11. Jhingan, M.L (2010): Macroeconomics, Vrinda Publications, New Delhi. 12. Jhingan, M.L (2012): Samasti Arthshastra, Vrinda Publications, New Delhi. 13. Shapiro, Edward (2005): Macroeconomic Analysis, Galgotia Publications, New Delhi. 14. Sikdar, Saumyen (2011) : Principles of Macroeconomics , Oxford University Press, New Delhi. 15. Surrey, M.J.C (1976): Macroeconomic Themes, Oxford University Press. Romer,		
Suggested Continuous Evaluation Methods: Assignment / Test / Quiz (MCQ) / Seminar/ Presentations/ Research orientation of students.		
Suggested equivalent online : Swayam Coursera		

BA 2ndYear, Sem. III
Course I
(Theory)

Programme/Class: Degree/BA	Year: Second	Semester: Third
Subject: Economics		
Course Code: A080301T	Course Title: History of Economic Thought	
Course outcomes: ● To learn and discuss, at an advanced undergraduate level, how the economic thought has evolved over time. ● Introducing students to the critical comparison of the contributions of the main schools of economics. ● To introduce & highlight before the students about Indian Economic Thinkers and their valuable contribution in the field of Economics. ● The classical, the marginalize revolution and its application to the theories of general and partial equilibrium, the current macroeconomic debate between the neo-classical and the Keynesian school.		
Credits: 6	Core Compulsory	
Max. Marks: 25+75	Min. Passing Marks: 40	
Total No. of Lectures-Tutorials-Practical (in hours per week): L- 4/w		
Unit	Topics	No. of Lectures
Part I		
I	Kautilya, Dada Bhai Naoroji, RC Dutt, BR Ambedkar, R M Lohia, Gandhian Economics.	12
II	Pt. Deen Dayal Upadhyay, JK Mehta, A K Sen, J. Bhagwati,	12
III	Early Period: Economic thought of Plato and Aristotle - Doctrines of Just Cost and Just price.	11
IV	Mercantilism: Main Characteristics; Thomas Munn - Physiocracy: Natural Order, Primacy of Agriculture, Social Classes, Tableau Economique, Taxation, Turgot - Economic ideas of Petty, Locke and Hume.	11
Part II		
V	Classical Period: Adam Smith - Division of Labour, Theory of Value, Capital Accumulation, Distribution, Views on Trade, David Ricardo, Distribution, Ideas on International Trade; Thomas R. Malthus, Theory of Gluts.	11
VI	German Romantics and Socialists — Sismondi, Karl Marx — Dynamics of Social Change, Labour Theory of Value, Surplus Value, Profit, And Theory of Capitalist Crisis; Economic Ideas of J.B. Say, J.S. Mill.	11
VII	Marshall as a Great Synthesizer: Role of Time in Price Determination, Economic Methods, Ideas on Consumer's Surplus, Elasticity, Representative Firm, Quasi-Rent, Pigou: Welfare Economics; Schumpeter.	11
VIII	Marginalists: The Precursors of Marginalism, Cournot, Gossen — The Marginalist Revolution: Jevons, Walras and Menger - Bohm-Bawark, Wicksell and Fisher; Economic Ideas of Wicksteed and Weiser.	11
Suggested Readings: 1. Bhatia, H.L: History of Economic Thought, Vikash Publishing House. 2. Blackhouse, R (1985): A History of Modern Economic Analysis, Basil Blackwell, Oxford.		

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3. Ganguli, B.N(1977) : Indian Economic Thought : A 19th Century Perspective, Tata Mcgraw Hill.
4. Hajela, T.N (2011) : Aarthik Vicharon Ka Itihas , Ane Books.
5. Hajela,T.N (2011) : History Of Economic Thought , Ane Books.
6. Hunt, E.K & Lautzenheiser, Mark (2011): History of Economic Thought: A Critical Perspective, Phi Learning.
7. Jhingan, M.L (2008): Aarthik Vicharon Ka Itihas, Vrinda Publications, New Delhi.
8. Kautilya (1992), The Arthashastra, Translated And Introduced By L.N.Rangarajan, Penguin Books.
9. Loknathan, V (2009) : History of Economic Thought , S.Chand & Company.
10. Roll,Eric : History of Economic Thaught, Faber.
11. Schumpeter, J.A(1954): History of Economic Analysis, Oxford University Press, New York. Page 7 of 22
12. Sinha, V.C (2011) : Aarthik Vicharon Ka Itihas , Mayur Pu
13. Staley, Charles.E, “A History of Economic Thought: From Aristole to Arrow”, Blackwell Publishing.

Suggested Continuous Evaluation Methods: Assignment / Test / Quiz (MCQ) / Seminar/ Presentations/ Research orientation of students.

Suggested equivalent online: Swayam

BA 2ndYear, Sem. IV

Course I

(Theory)

Programme/Class: Degree/BA	Year: Second	Semester: Fourth
Subject: Economics		
Course Code: A080401T	Course Title: Money, Banking and Public Finance	
Course outcomes: ● Understand simple concepts related with monetary economics and banking theory. ● Correlate and apply to current events & key models and concepts of monetary economics and banking theory. ● Appreciate the potential importance of monetary phenomenon in the economy. ● Understand the sources of finance both public and private ● Demonstrate the role of government to correct market failures and possible advantage of public financing. ● Understand the possible burden, benefits and distribution of various types of taxes among various classes of people, know the general trend and impact on general welfare and arouse them to suggest good and bad tax system.		
Credits: 6	Core Compulsory	
Max. Marks: 25+75	Min. Passing Marks: 40	
Total No. of Lectures-Tutorials-Practical (in hours per week): L- 4/w		
Unit	Topics	No. of Lectures
Part I		
I	Money and Value of Money: Money - Meaning, Functions and Classification; Gresham’s Law; Role of Money in Capitalist, Socialist and Mixed Economies; Monetary Standards -Metallic and Paper Systems of Note Issue. Quantity Theory of Money - Cash Transaction and Cash Balance Approaches; The Keynesian Approach.	12
II	Supply of Money: Definitions—Determinants of Money Supply—High Powered Money and Money Multiplier—Indian Currency system.	12

III	Commercial Banking: Meaning and types; Functions of Commercial Banks; The process of Credit Creation - Purpose and Limitations; Liabilities and Assets of banks; Evolution of Commercial Banking in India after Independence; A Critical Appraisal of the Progress Of Commercial Banking after Nationalization; Recent Reforms in Banking Sector in India.	11
IV	Functions of a Central Bank; Quantitative and Qualitative Methods of Credit Control - Bank Rate Policy, Open Market Operations, Variable Reserve Ratio and Selective Methods; Role and Functions of the Reserve Bank of India; Objectives and Limitations of Monetary Policy with Special Reference to India.	11
Part II		
V	Nature and Scope of Public Finance: Meaning and scope of Public Finance; Distinction between Private and Public Finance; Public Goods Vs. Private Goods; The Principle of Maximum Social Advantage; Market Failure; Role of the Government.	11
VI	Public Expenditure: Meaning, Classification and Principle of Public Expenditure; Canons and Effects of Public Expenditure; Trends in Public Expenditure and Causes of Growth of Public Expenditure in India.	11
VII	Taxation: Sources of Public Revenue; Taxation — Meaning, Canons and Classification of Taxes; Division of Tax Burden — The Benefit and Ability-To-Pay Approaches; Impact and Incidence of Taxes; Taxable Capacity; Effects of Taxation; Characteristics of A Good Tax System.	11
VIII	Fiscal policy: Components, Instruments, Objectives. Role of Fiscal Policy in Developed and Developing Countries, Budget Structure of the Government of India, State Budget-Sources of Revenues and Expenditures. Major Tax Reforms in India. Fiscal Federalism in India: Union-State Fiscal Relations, Federal Fiscal Imbalances and the Role of Finance Commission. Finances of Local Bodies.	11
Suggested Readings: ❖ Bagchi, Amaresh (2005): Readings in Public Finance, Oxford University Press. ❖ Cullis, John & Jones Philip (2009): Public Finance and Public Choice, Oxford University Press. ❖ Eyler, Robert (2009): Money and Banking-An International Text, Routledge. ❖ Gupta, Janak Raj (2011): Public Economics in India Theory and Practice, Atlantic. ❖ Gupta, S.B (2009): Monetary Economics-Institutions, Theory & Policy, S. Chand & Company, New Delhi. ❖ Head, J.C (1974): Public Goods and Public Welfare, Durham, NC, Duke University Press. ❖ Inge Kaul, Pedro Conceicao (2006): The New Public Finance, Oxford University Press. ❖ Jhingan, M.L (2012): Monetary Economics, Vrinda Publications, New Delhi. ❖ Jhingan, M.L (2012): Maudrik Arthshastra, Vrinda Publications, New Delhi. ❖ Johansen, Life (1965): Public Economics, Chicago: Rand McNally. ❖ Khanna, Perminder (2005): Advanced Study in Money and Banking: Theory and Policy Relevance in The Indian Economy, Atlantic. ❖ Lal, S.N (2012): Mudra, Banking, Avam Videshi Vinimay, Shiva Publishing House, Allahabad. ❖ Margolis, J. & Guitton, H : Public Economics (1974), Mcmillan. ❖ Musgrave, R.A (1959), The Theory Of Public Finance, McGraw Hill. ❖ Musgrave, R.A & P.B. Musgrave (1989) : Public Theory: Theory & Practice, McGraw Hill. ❖ Nadar, E. Narayanan (2013) : Money and Banking, PHI Learning Press. ❖ Paul, R.R (2011): Money, Banking & Exchange, Kalyani Publishers, Delhi. ❖ Seth. M.L (2012) : Maudrik Arthshastra, Laxmi Narayan Publications, Agra. ❖ Shome Parthasarathi (2002): India's Fiscal Matters, Oxford University Press, New Delhi. ❖ Uppal, R.K (2011): Money, Banking and Finance in India- Evolution & Present Structure New Century Publications		
Suggested Continuous Evaluation Methods: Assignment / test / Quiz (MCQ) / Seminar/Presentations/ Research orientation of students.		

Suggested equivalent online:
Swayam
Coursera

BA2nd Year, Sem. IV
Course IV
(Research Project)

Program/Class: Degree/BA	Year: Second	Semester: Fourth
Subject: Economics		
Course Code: A080402R	Course Title: Research Project	
Course outcomes: ● The objective of introducing Research Project at the graduation level is to familiarise, acquaint and experience the local issues of economic implication or focused on economic wellbeing and behaviour of consumers/citizens. ● It aims at enabling the students to use and apply the learned economic principles vis-a-vis local economic issues. ● To enable them to learn preparation of questionnaire/interview schedule. ● The Template/Format of the Research Project shall be developed by the respective Department. ● The idea behind this is to develop economic thinking in the students through direct experience to real life.		
Credits: 3		Core Compulsory
Max. Marks: 25+75		Min. Passing Marks:40
Total No. of Lectures-Tutorials-Practical (in hours per week): P-2/w		
Unit	Topics	No. of Lectures
I	Research Project Topic on the Local/Current Issues with Economic Focus plus Presentation using Ppt. Research Project Report will be prepared using Statistical/Research Techniques. Surveys, Questionnaire/interview schedule. Questionnaire/Interview Schedule must be attached with the report as annexure.	45
Suggested Readings: ● Choubey, Varanya (2018): Research Writing: The Structural Challenge of Communicating Knowledge + A Method to Meet it. ISBN-13: 978-1974673162 & ISBN-10: 1974673162 ● Greenlaw, Steven A (2005): Doing Economics: A Guide to Understanding and Carrying Out Economic Research, Houghton Mifflin Harcourt (HMH). ● Kothari, C R (2013): Research Methodology. New Age International Publishers. ● Paliwal, Neha & Surendra Khatri (2018): Sodh Pravidhi. National Publishing House. ISBN: 9788180181726, 8180181723 ● Pandey Arun & Ganesh Pandey (2009): Sodh Pravidhi. Radha Publication. ISBN-10: 8174873805 ● Sharma, Vinay Mohan(2018): Sodh Pravidhi. Mayur Books. ● Thomson, Williams (2011): A Guide for the Young Economists. MIT Press		
This course can be opted as an elective by the students of following subjects: Open for all		
Suggested Continuous Evaluation Methods: Fieldwork, Seminar, Presentations, VIVA, Dissertation.		
Suggested equivalent online: Swayam		

BA 3rd Year, Sem. V
Course I
(Theory)

Programme/Class: Degree/BA		Year: Third	Semester: Fifth
Subject: Economics			
Course Code: A080501T		Course Title: Economic Growth and Development	
Course outcomes: • Students should be able to comprehend the concept and meaning of economic growth and economic development. • Students should be able to distinguish between economic growth and economic development. • Students should be able to comprehend the issues and challenges in economic growth and development. • Students should be able to comprehend and explain the concept of poverty and human development & the related concepts. • Students should be familiar with the approaches to development. • Students should be able to understand and explain the factors and variable of economic development. • Students are able to understand how international factors facilitate and impede economic development.			
Credits: 5		Core Compulsory	
Max. Marks: 25+75		Min. Passing Marks: 40	
Total No. of Lectures-Tutorials-Practical (in hours per week): P- 2/w			
Unit	Topics		No. of Lectures
Part I			
I	Meaning and Measurement of Economic Growth and Development- Measuring Development and Development Gap, GDP, GNP, Per Capita Income, Factors affecting Economic growth and Development.		10
II	Concept of Poverty and Inequality, Vicious cycle of poverty, Lorenz Curve, Gini Coefficient Concept of Human Development, Human Development Index, Physical Quality of Life Index, Quality of Life Indices. Hunger Index, Happiness Index, Development and Sustainability. Concept of Sustainable Development. Millennium Development goals.		10
III	Lewis model of labour surplus economy, Rosentein Rodan's theory of Big Push, Nelson's Level equilibrium trap, balanced vs Un-balanced growth, Rostow's stages of growth, Harrod and Domar Growth models.		10
IV	Theory of Demographic Transition, Population as Limits to Growth. The Concept of Inclusive Growth- with Reference to India. Market Failure and Government Failure, Food Security, Education, Health and Nutrition, Gender and Development.		10
Part II			
V	Development & Underdevelopment: An Overview; The Characteristics and Explanations of Underdevelopment- Vicious Circle of Poverty, Circular Causation, Dualism-Social, Technological, Financial, Organizational, Model of Dual Economy, Lewis, Ranis-Fei, Dependency Theories of Underdevelopment.		10
VI	Models of Technical Progress, Embodied and Disembodied Technical Progress, Neutral Technical Progress- Hicks, Harrod, Solow, Kaldor, Mirrlees Technical Progress Function, Arrow's Learning by Doing Approach to Economic Growth.		10
VII	Accumulation Endogenous growth, Intellectual capital, Role of Learning, Education and Research, Explanations of Cross-country Differentials in Economic Growth, Information Paradigm-Stiglitz		8
VIII	International Trade, Aid and Finance in the Development of Developing Countries-with special reference to India. FDI & FII, Role of Technology Transfer and Multinational Corporations in promoting development in development of developing countries-with Special Reference to India.		7

- ❖ Suggested Readings:
- ❖ Barro, Robert J and Xavier Sala-i- Martin, Economic Growth, The MIT Press, Page 10 of 22 Cambridge, Latest Edition.
- ❖ Basu, Kaushik (2010): Analytical Development Economics: The Less Developed Economy, Oxford University Press.
- ❖ Dasgupta, Dipankar: Growth Theory, Oxford University Press, 2007
- ❖ Ghatak, S., An Introduction to Development Economics. Allen and Unwin London, latest edition.
- ❖ Hayami, Y., Development Economics, Oxford University Press, New York, 2010 (5th Impression)
- ❖ Hayami, Yujiro & Godo, Yoshihisa (2005): Development Economics: From the Poverty to the Wealth of Nations, Oxford University Press.
- ❖ Hendrik Van Den Berg, Economic Growth and Development, McGraw-Hill International Edition, 2005
- ❖ Jhingan, M.L (2013): Economics of Development and Planning, Vrinda Publications, New Delhi.
- ❖ Jhingan, M.L (2013): Vikas Ka ArthshastraAwamNiyojan, Vrinda Publications, New Delhi.
- ❖ Lal, S.N (2012): Vikas, Niyojan Awam Paryavaran, Shiva Publishing House, Allahabad.
- ❖ Lekhi, R.K (2013): Economics of Development and Planning, Kalyani Publishers, New Delhi.
- ❖ Meier, G.M., Leading Issues in Economics Development, Oxford University Press, New Delhi, Latest edition.
- ❖ Mishra, S.K & Puri, V.K (2012): Economics of Development and Planning, Himalaya Publishers, Mumbai.
- ❖ Ray Debraj, Development Economics, Oxford University Press, Latest Edition.
- ❖ Singh, Kartar & Shishodia (2007): Environmental Economics: Theory and Applications, Sage India.
- ❖ Singh, S.R(2012):Environmental Economics, APH Publishing Corporation, Delhi.
- ❖ Somashekar, NT: Developmental Economics, New Age Publication (Latest edition)
- ❖ Taneja, M.L & Myer, R.M (2011): Arthshastra Ki Yojnaye Awam Vistaar, Visha Publishing Com pany, Jalandhar (New Delhi).
- ❖ Thirlwall, A.P., Growth and Development with Special Reference to Developing Economies, Macmillan, UK, 1999.
- ❖ Todaro, Michael. P & Smith, Stephen. C (2011): Economic Development, Pearson.

BA 3rd Year, Sem. V
Course II (Optional)
(Theory)

Programme/Class: Degree/BA	Year: Third	Semester: Fifth
Subject: Economics		
Course Code: A080502T	Course Title: Environmental Economics	
Course outcomes: • Students should be familiar with the basic concepts of ecology environment and economy. • Students to understand the solution to environmental problems- the command-and-control approach, market-based methods, tax tradable pollution permit, etc, carbon trading • Students should be familiar with the concept of Sustainable development, environmental impact assessment CO 5: Global and local environmental concerns. • Students should be comprehending the Local Issues of Economic Bearing related to environment & development. • Students should realize the importance and influence of environment on the economy including the quality of manpower. • Students should realize the importance to make cleaner environment so as to achieve harmonious development. • Students should comprehend that environmental problem is not the problem of a single country or region but a global problem/issue. • Demonstrate an awareness of economic growth problems, issues in globalisation, and provide grounding in major growth strategies and development.		
Credits: 5		Core Compulsory
Max. Marks: 25+75		Min. Passing Marks: 40

Total No. of Lectures-Tutorials-Practical (in hours per week): L- 4/w		
Unit	Topics	No. of Lectures
Part I		
I	Introduction: Key environmental issues and problems, economic way of thinking about these problems, basic concepts from economics; Pareto optimality and market failure in the presence of externalities; property rights and other approaches.	10
II	The Design and Implementation of Environmental Policy: Overview, Pigouvian taxes and effluent fees, tradable permits, implementation of environmental policies in India and international experience; trans boundary environmental problems; economics of climate change	10
III	Environmental Valuation Methods and Applications: Valuation of non-market goods and services--theory and practice; measurement methods; cost-benefit analysis of environmental policies and regulations.	10
IV	Sustainable Development: Concepts; measurement; perspectives from Indian experience.	7
Part II		
V	The Theory of Externality- Positive & Negative Externality; Public Goods; Private Goods; Public Bads; Market Failure and Pigouvian Solution- Pigouvian Tax.; Coase's Theorem and Property Rights; Eco Labelling; Eco-Efficiency.	8
VI	Social Limits to Growth Model; Green Accounting; Environmental Valuation- Meaning, Need for Environmental Valuation, Methods of Environmental Valuation; Difficulty in Measuring Environmental Values, Environmental Damages and Its Valuation.	10
VII	Indian Constitution and the Environment; Environmental Management Meaning and Concept, Objectives and Goals, Obstacles; Environmental Impact Assessment; Environmental Education and Awareness-Dilemma of Environmental Ethics and Practical Problems, Environmental Education in India.	10
VIII	Population and Environment; Trade and Environment in the WTO Regime; Climate Change-Meaning and Concept, Ozone Depletion, Acid Rain, Global Warming and Greenhouse Effect; Indian Environmental Issues and Legislations; Role of Judiciary in Environmental Protection and Conservation; International Environmental Issues and Legislations, Carbon Trading.	10
Suggested Readings: • Bharucha, Erach : Paryavaran Adhyann, Orient Blackswan. • Bhattacharya, Rabindra Nath (2002): Environmental Economics – An Indian Perspective, Oxford University Press. • Eugene,T (2005) : Environmental Economics, Vrinda publications, Delhi. • Jhingan,M.L & Sharma,C.K (2009) : Environmental Economics Theory Mgt & Policy, Vrinda publications, Delhi. • Kolstad, Charles. D (2012): Intermediate Environmental Economics, Oxford University Press. Page 12 of 22 • Nagre,Vijay.H (2012) : Environmental Economics, Chandralok Prakashan. • Singh, Kartar & Shishodia (2007): Environmental Economics: Theory and Applications, Sage India. • Singh, S.R(2012): Environmental Economics, APH Publishing Corporation, Delhi. • Smith, Stephen (2011): Environmental Economics: A Very Short Introduction, Oxford University Press. • Tripathi, Daya Shanker : Paryaavaran Adhyayan, Motilal Banarasidass Pvt Ltd.		

B A 3rd Year, Sem. V
Course II (Optional)
(Theory)

Program/Class: Degree /BA		Year: Third	Semester: Fifth
Subject: Economics			
Course Code: A080503T		Course Title: International Economics	
Course outcomes:			
• Students should be able to understand and explain the concept, need, significance and scope of international economics. • Students should be familiar with the approaches of international trade. • Students should be familiar with and are able to explain the economic integration at the global level and the formation of groups. • Students are familiar with the international organizations and their objectives. Students should be able to analyse the importance and relevance of these international organizations.			
Credits: 5		Core Compulsory	
Max. Marks: 25+75		Min. Passing Marks:40	
Total No. of Lectures-Tutorials-Practical (in hours per week): L- 4/w			
Unit	Topics		No. of Lectures
Part I			
I	Need, Significance and Scope of International Economics. Early Trade Theory- Mercantilism; The Classical Theories of Trade -Adam Smith, David Ricardo; Mill’s Reciprocal Demand Analysis; Opportunity Cost Approach; Terms of Trade-Meaning and Concepts, Factors affecting Terms of Trade.		10
II	Heckscher-Ohlin Theorem: Assumption; Factor Endowments; Physical and price criterion of factor abundance; Superiority of H-O theory over classical theory. Empirical Testing of H-O theorem: Leontief paradox. Factor price equalisation. Immiserising Growth; Gains from trade.		10
III	Free Trade and Protection-Meaning of Free Trade, Arguments. For and Against Free Trade, Meaning of Protection, Arguments for Protection Economic and Non-Economic Arguments; Protection and Less Developed Countries.		9
IV	Barriers of Trade: Tariff- Meaning and types of tariffs. Effect of tariff under partial and general equilibrium. Non-tariff Barriers: Import quotas- meaning, objective, types and effects of quotas. Import quotas versus Import Tariff.		10
Part II			
V	Theories and Forms of Economics Integration-Meaning &Benefits; Forms of Economic Integration- Custom Union: Production and Consumption Effects of Customs Union; Problems Involved in the Formation of Customs Union; Political Economy of Protection; SAFTA, BRICS, IBSA.		9
VI	Balance of Payments- Concepts; Adjustment Mechanisms of Balance of Payments-Adjustment Through Variations in Exchange Rates, Devaluation and Balance of Payments Adjustment, The Elasticity Approach, Marshall Lerner Condition.		9
VII	Foreign Exchange-Meaning and Instruments, Exchange Rate Determination, Mint Par Parity theory, Purchasing Power Parity Theory, Hedging, Foreign Exchange Rate Policy-Fixed, Flexible & Multiple Exchange Rate System; Convertibility of Rupee in Current Account and Capital Account, Move Towards Capital Account Convertibility; Global Financial Crisis.		10

VIII	International Financial Institutions-IMF, WORLD BANK, ADB; GATT, WTO- TRIPS & TRIMS, WTO and India, UNCTAD, North-South Trade Dialogue, South-South Cooperation; Globalization; FDI.	8
Suggested Readings: • Agarwal, Babita (2009): Antarrastriya Arthshastra, Omega Publications. • Bhatia, H.L (2006): International Economics, Vikash Publishing House. • Cherunilam, Francis (2008): International Economics” Tata McGraw Hill Education. • Field, Alfred. J & Appleyard, Dennis.R (2013): International Economics, McGraw Hill Education. • Gerber, James (2012) : International Economics, Pearson. • Jhingan, M.L (2011): Antarrastriya Arthshastra, Vrinda Publications, New Delhi. • Krugnan, Paul.R & obstfeld, Maurice (2008): International Economics, Pearson. • Lal, S.N (2012): Antarrastriya Arthshastra, Shiva Publishing House,Allahabad. • Mannur, H.G (2001): International Economics, Vikash Publishing House Pvt Ltd. • Salvatore, Dominick (2012) : International Economics: Trade & Finance, Wiley Publishers. • Sinha, V.C., Sinha, Pushpa & Sinha, Vivek (2011): Antarrastriya Vyapar Avam Vitt, Mayur Publications. • Vaishya, M.C. & Singh, Sudama (2006) : International Economics , Oxford &IBH Publishing House, Delhi.		
Suggested Continuous Evaluation Methods: Assignment / test / Quiz(MCQ) / Seminar/Presentations/ Research orientation of students		
Suggested equivalent online: Swayam		

BA3rd Year, Sem. VI

Course I

(Theory)

Program/Class: Degree /BA	Year: Third	Semester: Sixth
Subject: Economics		
Course Code: A080601T	Course Title: Indian Economy & Economy of Uttar Pradesh	
Course Outcome: • Students should be able familiar with the basic characteristics of Indian economy, • Students should be able familiar with the it's potential on natural resources of Indian economy and the economy of Uttar Pradesh. • Students are able to understand the importance, causes and impact of population growth and its distribution, translate and relate them with economic development. • Students are able to develop an understanding about Uttar Pradesh, its demographic feature, natural resources and factors that can stimulate its economic growth and development. • Students should be familiar with the rural development of Uttar Pradesh over the period of time. • Students should be familiar with the industrial development in India and in Uttar Pradesh.		
Credits: 5		Core Compulsory
Max. Marks: 25+75		Min. Passing Marks: 40
Total No. of Lectures-Tutorials-Practical (in hours per week): L- 4/w		
Unit	Topics	No. of Lectures
Part I		
I	Structure and Features of Indian Economy: Indian economy as a Developing Economy. Comparative Development of Indian States.	8
II	Agricultural Sector: Institutional Reforms, Technological change in Agriculture, Terms of Trade between Agriculture and Industry; Agricultural Policy, Policies for Sustainable Agriculture. Agrarian Crisis and Agricultural Labour.	10

III	The Industrial Sector: Industrial Policy; Public Sector Enterprises and their Performance, Privatization and Disinvestment debate, Small, Medium and Large-scale Sector, Industrial Labour, trade Union Movement.	10
IV	Planning in India: Objectives and Strategy of Planning; Success story of Indian Plans; Strategy of Inclusive Growth, Resource mobilization for Development.	10
Part II		
V	Nature, Features, Demographic Profile, Status of Natural Resources, Major Factors affecting growth and development in Uttar Pradesh. Economic and non-economic factors in economic development of Uttar Pradesh.	10
VI	Sectoral growth pattern in Uttar Pradesh; Economic growth in Uttar Pradesh and Indian economy: A comparison; Infrastructural development of Uttar Pradesh.	7
VII	Pattern of land-holding and irrigation; production and productivity in agriculture, Farm mechanization, Crop diversification, agricultural credit, Agricultural policy and strategies in Uttar Pradesh, Rural Development in Uttar Pradesh.	10
VIII	Problems and Policies. Major industries in Uttar Pradesh, Pattern of Industrial Development in Uttar Pradesh, Industrial Policy in Uttar Pradesh, Growth pattern of Services sector and Its linkages of other sectors of UP Economy. Micro, Small, Medium Enterprises (MSMEs) in Uttar Pradesh. One Product One District (OPOD).	10
Suggested Readings: 1. Agarwal, M K (2009): Uttar Pradesh ka Arthik Vikas. New Royal Book Company 2. Annual Financial Statement (Budget) of the Government of Uttar Pradesh published in different years & the latest. 3. Annual Financial Statement (Budget) of the Government of Uttar Pradesh published in different years & the latest. 4. Annual Financial Statement (Budget) various years & Latest published by the Government of India. 5. Economic Surveys, Government of India (Hindi/English) 6. Indian Economy by Mishra & Puri. Himalaya Publishing House (Hindi /English) 7. Indian Economy by Uma Kapila, Academic Foundation 8. Indian Economy. Rudra Dutt & Sunderam. S. Chand & Company (Hindi /English) 9. Mishra, Arvind Narayan & Atul Chandra (2018): The Economy of Uttar Pradesh. Gutenberg Publication ISBN: 9789386240224, 9789386240224 10. Mishra, Arvind Narayan & Atul Chandra (2018): The Economy of Uttar Pradesh. Gutenberg Publication ISBN: 9789386240224, 9789386240224 11. Publications of the Government of Uttar Pradesh. 12. Publications of the Government of Uttar Pradesh. 13. Uttar Pradesh Human Development Report, UNDP, 2008. 14. Uttar Pradesh Human Development Report, UNDP, 2008. 15. Uttar Pradesh State Development Report, Volume I & II, State Plan Division, Planning Commission, Government of India, 2014. 16. Uttar Pradesh State Development Report, Volume I & II, State Plan Division, Planning Commission, Government of India, 2014.		
Suggested Continuous Evaluation Methods: Assignment / test / Quiz (MCQ) / Seminar/ Presentations/ Research orientation of students		
Suggested equivalent online: Swayam		

BA 3rd Year Sem. VI
Course II (Optional)
(Theory)

Program/Class: Degree /BA		Year: Third	Semester: Sixth
Subject: Economics			
Course Code: A080602T		Course Title: Agriculture Economics	
Course Outcome ● Students should be able to comprehend and explain the approaches to economic development with respect to dualistic development. ● Students should be able to understand and explain the basics of agriculture economics. ● Students should be familiar with labour issues in agriculture sector. ● Students should be able to explain the significance of agriculture in the economic growth and economic development of an economy and in case of Indian Economy. ● Students should be familiar with the institutional initiatives to strengthen the rural and agricultural development to achieve self-sufficiency. ● Students should be able to comprehend the role of credit in the development of agriculture in a country like India and the significance of institutional mechanism in this regard.			
Credits: 5		Core Compulsory	
Max. Marks: 25+75		Min. Passing Marks:40	
Total No. of Lectures-Tutorials-Practical (in hours per week): L- 4/w			
Unit	Topics		No. of Lectures
Part I			
I	Models of Agricultural Development: Physiocrats approach, W. A. Lewis model, Fei & Ranis Model, Schultz Theory of Agricultural Development, Jorgenson’s Dual Economy Model		10
II	Agricultural Production Function, Supply Response, Farm Size, Returns to Scale and Productivity. Cobweb Theorems. Farm Size and Productivity Debate; Theoretical and Empirical Findings. Agricultural Price Policy in India.		10
III	Labour in Agriculture- Interlocking of Factor Markets, Labour and Work Force in Rural Farm and Non-Farm Sectors. Agricultural Labour- Problem and Policy. Concept and Measurement of Rural Poverty & Employment, Poverty Alleviation Programmes (in brief-the Objectives, Achievements & the Shortcomings).		10
IV	Current Issues in Indian Agriculture- Poverty & Food Security in India, Agro- Subsidies in India, Subsidy Vs Public Investment. Export and Imports of Agricultural Commodities, Terms of Trade in Indian Agriculture, WTO and Indian Agriculture-Bali Negotiations		10
Part II			
V	Role Of Agriculture in Economic Growth and Development in India. Backward, Forward Linkage between Agriculture and Industry, Approaches towards Agriculture and Allocation of Resources under Different Plans in India. Employment Elasticity in Indian Agriculture, Challenges & Issues Regarding Agricultural Area Expansion, Production and Productivity in India (With Focus on Post Reform (Post 1991 & 1995) Period.		10
VI	Land Reforms in India & Its Contemporary Relevance, Green Revolution and the Need for Second Generation, Green Revolution, Role of Infrastructural Support-Irrigation, Power, Seeds Fertilizers, Marketing Support System and Roads in Agricultural Development in India.		10
VII	Role of Credit in Agricultural Development, Institutional & Non- Institutional Sources of Credit in India, Cooperative Movement in India (In Brief). Role of Schedule Commercial Banks, Lead Banks, Regional Rural Banks and NARBAD to Promote Agricultural Development.		8
VIII	Agricultural Marketing: Meaning and Concept. Structure of Agricultural Markets in India, Issues and Challenges in the Marketing of Agricultural Products in India (With Focus On The Post Reform Period-Post 1991). Agricultural Diversification: Meaning, Concept & Issues. Crop		7

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Japal

	Diversification: Meaning, Concept and Issues. Farm Incomes and Employment in Indian Agriculture.	
Suggested Readings: ● Bardhan, P. (1984) Land, Labour and Poverty; Essays in Economic Development, OUP, New Delhi. ● Bhaduri, A. (1984), The Economic Structure of Backward Agriculture; Macmillan, Delhi. ● Bhalla, G.S., (2007) Indian Agriculture since Independence, National Book Trust, India ● Bharadwaj, K. (1974), Production Condition in India Agriculture; OUP, Cambridge. ● Black, J.D, (1953) Introduction to Economics for Agriculture, Macmillan. ● Dantawala, M.L. et al. (1991): Indian Agricultural Development since Independence, Oxford & IBH, New Delhi. ● Dash, Mrutyunjay (2013): Agricultural Economics, Anmol Publications. ● Ghatak, Sand K. Ingerscant (1984), Agriculture and Economic Development; Select Books, New Delhi. ● Griffin, K.(1973): Political Economy of Agrarian Change. ● Gupta, P.K (2012) : Agricultural Economics, Vrinda Publications, Delhi. ● Gupta, P.K (2012) : Krishi Arthsastra , Vrinda Publications, Delhi. ● Khusro, A.M.(1973), The Economics of Land Reforms and Farm Size in India, MacMillan. ● Kumar, N.S.Ravi (2010) : Agricultural Economics, Neha Publishers. ● Lekhi, R.K(2013) : Agricultural Economics, Kalyani Publishers. ● Lekhi, R.K(2013) : Krishi Arthsastra, Kalyani Publishers. ● Mahajan, Ashwani (2010): Agricultural Economics, Centrum Press. ● Mellor, J.W., The Economics of Agricultural Development, Vora and Co., Bombay, 1964. ● Raghavan and L. Sarkar (Eds.) (1996): Poverty and Employment: New Delhi. ● Raj, K.N. et.al. (1988): Essays in the Commercialization of Indian Agriculture; OUP, New Delhi. ● Rao, CHH (1993): Agricultural Growth, Rural Poverty and Environmental Degradation in India, OUP, New Delhi. ● Rao, CHH, (1975): Technological Change and Distribution of Gains in Indian Agriculture, MacMillan. ● Rudra, A. (1982): India Agriculture Economics; Myths and Reality: Allied Publishers, New, Delhi. ● Sarap Kailash (1991): Interlinked Agrarian Markets in Rural India, Sage Publication, New Delhi. ● Schultz, T.W.(1964): Transforming Traditional Agriculture, Yale University Press. ● Soni, R.N (2011): Krishi Arthshastra Ke Mukhya Vishay, Vishal Publishing Company, Jalandhar (New Delhi) ● Soni, R.N (2011): Leading Issues In Agricultural Economics, Vishal Publishing Company, Jalandhar (New Delhi) ● Sunder,I (2010): Principles of Agricultural economics, Neha Publishers. ● Talathi, J.M (2008): Introduction To Agricultural Economics And Agribusiness Management, Ane Books. ● Taylor, H.C., (1949), Outlines of Agricultural Economics, MacMillan. ● Verma, N.M.P. (1990), Irrigation Change and Agricultural Development, Uppal, New Delhi.		

BA 3rd Year, Sem. VI
Course III(Optional)
(Theory)

Program/Class: Degree /BA		Year: Third	Semester: Sixth
Subject: Economics			
Course Code: A080603T		Course Title: Elementary Statistics	
Course Outcome:			
• Students to be familiar with the concepts in Statistics. • The concepts comprehended by the students shall be put to use in practice. • The students become familiar with the practical aspects of preparing a questionnaire/interview schedule and putting them in usage. • The information/data collected by the students should be analyzed with the help of Statistical Tools taught so as to derive inferences. • The students shall experience the practical aspect of the theory of statistics being taught in the class room environment. • The students are able to use statistical tools vis-à-vis given real life situation.			
Credits: 5		Core Compulsory	
Max. Marks: 25+75		Min. Passing Marks:40	
Total No. of Lectures-Tutorials-Practical (in hours per week): L- 4/w			
Unit	Topics		No. of Lectures
Part I			
I	Nature, Significance and Limitations of Statistics, Collection of data; Primary and Secondary Data; Methods of collecting primary and secondary data, classification and tabulation of data.		09
II	Diagrammatic and graphical representation of data: Bar diagrams- One dimensional and two-dimensional diagrams, Pictograms and Cartograms, Frequency Distribution- Univariate and Bivariate Frequency Distributions, Histogram, Frequency Curve, Ogive Curve.		10
III	Measures of Central Tendency: Mean, Median and Mode- their merits and demerits, Geometric Mean, Harmonic Mean, Relationship between AM, GM and HM.		09
IV	Measure of Dispersion: Range, Mean deviation, Quartile Deviation, Standard Deviation and Lorenz Curve; Skewness: Karl Pearson's and Bowley's Coefficient of Skewness.		10
Part II			
V	Correlation: Meaning, concept, types and degree of correlation methods of studying correlation: Karl Pearson and Spearman's Rank Correlation		09
VI	Regression: Meaning and importance. Regression lines. Regression equation; Calculation of Regression Coefficient; Regression equation by Least Squares Methods.		09
VII	Time Series: Meaning, importance and components of time series. Measurement of Long-Term Trend; Measurement of short-run fluctuations and seasonal variations.		09
VIII	Index Number: Meaning and importance. Types of Index Number- price relative, quantity relative, value relative and special purpose (in brief). Methods of constructing index numbers- unweighted and weighted indices (in brief). Test of Adequacy of index numbers formulas (in brief).		10
Suggested Readings:			
• Gupta,S.P (2011) : Statistical Methods, Sultan Chand & Sons, Delhi. • Elhance,D.L (2010) : Sankhiki Ke Siddhant (Hindi), Kitab Mahal. • Greenlaw, Steven A (2005): Doing Economics: A Guide to Understanding and Carrying Out Economic Research.			

- Hazarika, Padmalochan (2006) : Essential Statistics for Economics and Commerce , Akansha Publishing House.
- Kothari, C.R: Research Methodology: Methods & Techniques. New Age International Publishers ISBN (13) : 978-81-224-2488-1
- Leighton,Thomas (2011) : Using Statistics in Economics, Tata McGraw Hill Education.
- Lind, Wathen &Marchal (2013): Basic Statistics for Business & Economics, McGraw Hill Education.
- Newbold, Paul (2008) : Statistics for Business and Economics , Pearson Education.
- Richard ,I. Levin. H. Siddiqui Masood S. Rubin David Sanjay Rastogi (2017):_ Statistics for Management. Pearson. ISBN-10 8184957491
- Sharma,J.K(2011) : Business Statistics “Pearson Education.

Suggested Continuous Evaluation Methods:

Assignment / test / Quiz (MCQ) / Seminar/ Presentation/ Research orientation of students

Suggested equivalent online:

Swayam

Semester-wise Titles of the Papers in BA(Economics)- Minor Courses

w.e.f. session- 2025-26					
Year	Sem.	Course Code	Paper Title	Theory/Practical	Credits
1	I	A080101T	Principles of Micro Economics	Theory	6
2	III	A080301T	History of Economic Thought	Theory	6

BA 1st Year
Sem. I
Course I (Theory)

Programme/Class: Degree/ BA		Year: First		Semester: First	
Subject: Economics					
Course Code: A080101T		Course Title: Principles of Micro Economics			
Course Outcome:					
• The students are familiarized with basic concepts of microeconomics such as laws of demand and supply and elasticity etc so that he/she can comprehend them & familiarize with day today happenings. • The students learn and understand the concepts of consumer behaviour like cardinal utility and ordinal utility analysis. • The students learn and understand application of Indifference curve analysis in deriving demand curves, price effect, income effect and substitution effect. • The students learn and understand the Theory of production- iso-quants, laws of returns to scale, law of variable proportion. • The students learn, understand and compare between the Traditional and modern theory of cost. • Demonstrate an understanding, usage and application of basic economic principles. • Describe and apply the methods for analyzing consumer behaviour through demand and supply, elasticity and marginal utility. • To analyze the behavioural patterns of different economic agents regarding profit, price, cost etc. • The decision-making process in different market situations such as perfect competition, monopolistic competition, monopoly and oligopoly markets. • To deal with the advance theoretical issues and their practical applications of distribution theories.					
Credits: 6			Core Compulsory		
Max. Marks: 25+75			Passing Marks: 40		
Total No. of Lectures-Tutorials-Practical (in hours per week): L- 4/w					
Unit	Topics No. of Lectures				Topics No. of Lectures
Part I					
I	Definition, scope and nature of economics. Methods of economic study: Deductive and Inductive Methods. Concept and measurement of utility, Cardinal and ordinal approaches of utility. Kinds of utility- Total and marginal utility.				10
II	Consumer's Behaviour: Utility Analysis; Utility and satisfaction; law of diminishing marginal Utility; Law of Equi-marginal utility; consumer's equilibrium. Engle's Law of consumption. Indifference curve Analysis: evolution and development of Indifference curve; Meaning, definition and properties of indifference curve; marginal rate of substitution; Consumer's				12

	Equilibrium. Income, substitution and price effects. Inferior and Giffin goods. Derivation of demand curve from indifference curve. Revealed preference theory.	
III	Demand and supply: Law of demand, determinants of demand; Individual and market demand; Expansion and contraction of demand; increase and decrease in demand; factor influencing demand. Law of supply: determinants of supply; Shifts of supply versus movement along a supply curve; market supply. Consumer's surplus and producer's surplus. Elasticities: price, income and cross elasticity of demand. Methods for measuring elasticity of demand; Elasticity of substitution.	12
IV	Production and Cost: Production function, combination of factors; laws of production; law of variable proportions; Iso-quants and iso-cost lines; producer's equilibrium: Expansion path; Ridge lines. Concept of cost and revenue: Different concepts of cost and their interrelation; short-run and long-run cost curve; Economies and diseconomies of scale. Revenue analysis: Relations among TR, AR and MR. Relation among AR, MR and elasticity of demand	11
Part II		
V	Market and Price determination: Structure of markets; Perfect and imperfect markets. Perfect competition: Equilibrium of a firm and industry under perfect competition; Short and long run. Theory of Monopoly firm: short run and long run price and output decisions of a monopoly firm; Price discrimination; Dumping; Degree of monopoly power.	12
VI	Monopolistic completion: Assumptions, Short Run and Long Run price and output determinations under monopolistic competition. Group Equilibrium. Oligopoly and Duopoly: assumption; Price and output determination under oligopoly (in brief).	10
VII	Income Distribution and Factor pricing: Concept and measurement of factor pricing; Marginal productivity theory of distribution; Modern theory of distribution. Euler's theorem. Concept of wage and its theories; Money and real wage; Modern theory of wage; Wage determination under collective bargaining. Concept of rent and its theories: Ricardian and Modern theory of rent; Quasi Rent.	12
VIII	Concept of Interest: Meaning and kinds of interest; Causes of difference in the rate of interest; Concept and theories of profit: Innovation, Risk and Uncertainty theories. Welfare Economics: Concept and definition; Problems of measuring welfare; Classical and neo-classical welfare economics; Value judgement; Pareto's criteria. Compensation principle: Kaldor, Hicks and Scitovsky.	11
Suggested Readings: - Ahuja, H.L.(2013): Advanced Economic Theory", S. Chand & Company. - Shastri, Rahul. A (1999) : Microeconomics", Orient Blackswan. - Ahuja, H.L (2012): Ucchatar Arthik Siddhant", S. Chand & Company, New Delhi. - Dwivedi, D.N (2011): Microeconomics-Theory & Applications", Pearson. - Lal, S.N (2013): Arthshastra Ke Siddhant", Shiva Publishing House, Allahabad. - Seth, M.L (2012): Arthshastra Ke Siddhant", Laxmi Narayan Publications, Agra - Lipsey, Richard&Chrystal,Alec (2011): Economics", Oxford University Press Publications, New Delhi. - Pindyck, Robert.S., Rubinfeld. Daniel. L., Mehta. Prem. L (2009): Microeconomics", Pear son. - Salvatore, Dominic (2010): Principles of Microeconomics", Oxford University Press Publications, New Delhi. - Samuelson, Paul. A & Nordhaus, William D.(2010): Economics", Tata McGraw Hill. - Koutsoyiannis, A (2008) (2nd ed): Modern Microeconomics", Macmillan. - Stonier, A.W. & Hague. Douglas. C (2003) (5thed) : A Text Book of Economic Theory", Pearson.		
Suggested Continuous Evaluation Methods: Assignment / Test / Quiz (MCQ) / Seminar/ Presentations/ Research orientation of students.		
Suggested equivalent online: Swayam Coursera		

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BA 2ndYear, Sem. III
Course I
(Theory)

Programme/Class: Degree/BA		Year: Second	Semester: Third
Subject: Economics			
Course Code: A080301T		Course Title: History of Economic Thought	
Course outcomes: ● To learn and discuss, at an advanced undergraduate level, how the economic thought has evolved over time. ● Introducing students to the critical comparison of the contributions of the main schools of economics. ● To introduce & highlight before the students about Indian Economic Thinkers and their valuable contribution in the field of Economics. ● The classical, the marginalize revolution and its application to the theories of general and partial equilibrium, the current macroeconomic debate between the neo-classical and the Keynesian school.			
Credits: 6		Core Compulsory	
Max. Marks: 25+75		Min. Passing Marks: 40	
Total No. of Lectures-Tutorials-Practical (in hours per week): L- 4/w			
Unit	Topics		No. of Lectures
Part I			
I	Kautilya, Dada Bhai Naoroji, RC Dutt, BR Ambedkar, R M Lohia, Gandhian Economics.		12
II	Pt. Deen Dayal Upadhyay, JK Mehta, A K Sen, J. Bhagwati,		12
III	Early Period: Economic thought of Plato and Aristotle - Doctrines of Just Cost and Just price.		11
IV	Mercantilism: Main Characteristics; Thomas Munn - Physiocracy: Natural Order, Primacy of Agriculture, Social Classes, Tableau Economique, Taxation, Turgot - Economic ideas of Petty, Locke and Hume.		11
Part II			
V	Classical Period: Adam Smith - Division of Labour, Theory of Value, Capital Accumulation, Distribution, Views on Trade, David Ricardo, Distribution, Ideas on International Trade; Thomas R. Malthus, Theory of Gluts.		11
VI	German Romantics and Socialists — Sismondi, Karl Marx — Dynamics of Social Change, Labour Theory of Value, Surplus Value, Profit, And Theory of Capitalist Crisis; Economic Ideas of J.B. Say, J.S. Mill.		11
VII	Marshall as a Great Synthesizer: Role of Time in Price Determination, Economic Methods, Ideas on Consumer’s Surplus, Elasticity, Representative Firm, Quasi-Rent, Pigou: Welfare Economics; Schumpeter.		11
VIII	Marginalists: The Precursors of Marginalism, Cournot, Gossen — The Marginalist Revolution: Jevons, Walras and Menger - Bohm-Bawark, Wicksell and Fisher; Economic Ideas of Wicksteed and Weiser.		11
Suggested Readings: 1. Bhatia, H.L: History of Economic Thought, Vikash Publishing House. 2. Blackhouse,R (1985) : A History of Modern Economic Analysis, Basil Blackwell, Oxford. 3. Ganguli, B.N(1977): Indian Economic Thought : A 19th Century Perspective, Tata Mcgraw Hill. 4. Hajela, T.N (2011): Aarthik Vicharon Ka Itihas , Ane Books. 5. Hajela,T.N (2011) : History Of Economic Thought , Ane Books.			

6. Hunt, E.K & Lautzenheiser, Mark (2011): History of Economic Thought: A Critical Perspective, Phi Learning.
7. Jhingan, M.L (2008): Aarthik Vicharon Ka Itihas, Vrinda Publications, New Delhi.
8. Kautilya (1992), The Arthashastra, Translated And Introduced By L.N.Rangarajan, Penguin Books.
9. Loknathan, V (2009) : History of Economic Thought , S.Chand & Company.
10. Roll, Eric : History of Economic Thought, Faber.
11. Schumpeter, J.A(1954): History of Economic Analysis, Oxford University Press, New York. Page 7 of 22
12. Sinha, V.C (2011) : Aarthik Vicharon Ka Itihas , Mayur Pu
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Suggested Continuous Evaluation Methods: Assignment / Test / Quiz (MCQ) / Seminar/ Presentations/ Research orientation of students.

Suggested equivalent online: Swayam