

**MOHANLAL SUKHADIA UNIVERSITY, UDAIPUR**

**SYLLABUS OF ECONOMICS**

(Based on National Education Policy 2020)

**Faculty of Social Science**



**Post Graduation Course, Arts**

**2023-24 onwards**

<b>M.A. (TWO YEAR DEGREE PROGRAM)</b>	
<b>SEMESTER-IV</b>	
<b>SUBJECT-ECONOMICS</b>	
<b>Code of the Course</b>	<b>ECO9013T</b>
<b>Title of the Course</b>	<b>INTERNATIONAL ECONOMICS-II</b>
<b>Qualification Level of the Course</b>	NHEQF Level 6.5
<b>Credit of the Course</b>	4 Credits
<b>Type of the Course</b>	Discipline Centric Core Course
<b>Delivery type of the course</b>	60 hours (40 lectures on content delivery + 10 hours for formative and diagnostic assessment + 10 hours on tutorial).
<b>Prerequisites</b>	Degree Course in Graduation
<b>Co-requisites</b>	Knowledge of basic concepts of Microeconomics and Macroeconomics
<b>Objectives of the course</b>	The objective of this course is to provide students with a comprehensive understanding of theory of interventions regarding international trade, theories of exchange and balance of payments. It also aims to develop analytical skills among students to discuss critically the issues in world trade i.e., problem of liquidity, external disequilibrium, trade blocks etc. This course will also enable them to explore the role of international institutions to deal with these issues and methods countries can adopt to face these challenges.

<b>Learning outcomes</b>	<ul style="list-style-type: none"> <li>➤ This course enables students to analyse the pros and cons of trade restrictions and interventions for development of an economy.</li> <li>➤ The students will be the able to identify the reasons behind the disequilibrium in balance of payments of a country and will be able to suggest suitable measures to correct it.</li> <li>➤ It develops a complete understanding of role of international economic institutions and organisations in facilitating international cooperation and coordination on global issues.</li> </ul>
<b>SYLLABUS</b>	
<b>UNIT-I</b>	<p><b>Tariff Barriers</b></p> <p>Free Trade V/s Protection, Tariffs – Meaning and Types, Effects of Tariff under partial and general equilibrium, Optimum Tariff, Stolper-Samuelson Theorem in case of Tariff, Effective Rate of Protection</p> <p style="text-align: right;">(12 Hrs)</p>
<b>UNIT-II</b>	<p><b>Non-Tariff Barriers (NTBs)</b></p> <p>Meaning and Types, Import Quotas – Meaning, Objectives, Types, Import Quotas V/s Tariffs, Voluntary Export Restraints, Export Subsidies, International Cartels, Technical and Administrative Regulations, Dumping. Dumping – Meaning, Objective, Types and Effects. Anti-Dumping Measures. Economic Integration- stages and forms; Preferential Trade Areas (PTA’s) and Free Trade Areas (FTA’s). The Theory of Customs Union, its Partial and general equilibrium analysis.</p> <p style="text-align: right;">(12 Hrs)</p>
<b>UNIT-III</b>	<p><b>Balance of Payment</b></p> <p>Balance of Trade and Balance of Payments – Meaning and Components, Disequilibrium in Balance of Payments, Measures to</p>

	<p>correct Disequilibrium in Balance of Payments, Adjustment Mechanism of Balance of Payments- Automatic Price Adjustment, Elasticity Approach, Absorption Approach, Expenditure Policies and Monetary Approach.</p> <p style="text-align: right;">(12 Hrs)</p>
<b>UNIT-IV</b>	<p><b>Exchange Rate and Internal &amp; External Balance</b></p> <p>Foreign Trade Multiplier, Foreign Exchange Rate- Meaning and Determination. Theories of Foreign Exchange Rate Determination- Mint Parity, PPP, BoP, Monetary Approach, Portfolio Balance Approach. Fixed v/s Flexible Exchange Rate Policies, Intermediate or Hybrid Exchange Rate Systems, Multiple Exchange Rates System. Exchange Rate Regimes in Practice. Internal and External Balance Simultaneously- Mundellian Model of Monetary and Fiscal Policies, IS-LM-BP Model with Flexible Exchange Rate.</p> <p style="text-align: right;">(12 Hrs)</p>
<b>UNIT-V</b>	<p><b>International Economic Institutions</b></p> <p>International Monetary Fund, World Bank and WTO- Objectives, Organization, Functions, Activities and their role in Economic Development of India. The Problem of International Liquidity. Multilateralism and Regionalism- Contemporary Regionalism, economic effects and gains from Regionalism, Multilateralism in post WTO Era. Impact of Economic Integration of India on Indian Economy- SAARC and ASEAN.</p> <p style="text-align: right;">(12 Hrs)</p>
<b>Text Books</b>	<ul style="list-style-type: none"> <li>➤ Jhingan M.L. (2015). International Economics, Vrinda Publications, New Delhi (English &amp; Hindi Version)</li> <li>➤ Kindlberger, C. P. (1991). International Economics, R D Irwin, Homewood.8th Ed.</li> </ul>

	<ul style="list-style-type: none"> <li>➤ Mithani, D. M. – International Economics, Himalaya Publication House, Bombay.</li> <li>➤ Vaish, M.C. and S. Singh (2000). International Economics, Oxford and I.B.H. Publishing Company Pt. Ltd., New Delhi.</li> <li>➤ Rana, K.C. and K.N. Verma (2010). International Economics, Vishal Publishing House, Ludhiana. (English &amp; Hindi Version)</li> <li>➤ Salvator, D. (2014): International Economics: Trade and Finance, 11<sup>th</sup> Ed., John Willey &amp; Sons, Singapore.</li> <li>➤ Soderston, Bo. (1999), International Economics, The Macmillan Press Ltd. London.</li> <li>➤ Swami, K. D. (2008) – International Economics, Scientific Publications, Jodhpur.</li> <li>➤ Acharya, R. (2014). International Economics, Oxford University Press</li> </ul>
<p><b>Reference Books</b></p>	<ul style="list-style-type: none"> <li>➤ Kindlberger, C. P. (1991). International Economics, R D Irwin, Homewood.8th Ed.</li> <li>➤ Krugman, P.R. and Obstfeld, M. (1994). International Economics: Theory and Policy, Glenview, Foresman.</li> <li>➤ Bhagwati, J. (Ed.) (1981). International Trade: Selected Readings, Cambridge University Press, Mass.</li> <li>➤ Cherunilam, F. (2008). International Economics, The Tata McGraw-Hill Companies, New Delhi. 5th Ed.</li> <li>➤ Dunn R.M. and J.H. Mutt (2000), International Economics, Routledge, London.</li> <li>➤ Goldstein, M. (1998) – The Asian Financial Crisis: Causes, Cure and Systematic Implication, Institute for International Economics, Washington, D.C.</li> <li>➤ Grable, J. O. (1996) – International Financial Markets, Prentice Hall, Englewood Cliffs, New York.</li> <li>➤ Mundell, R. (1968) – International Economics, The Macmillan Company Ltd., New York.</li> </ul>

<b>M.A. (TWO YEAR DEGREE PROGRAM)</b>	
<b>SEMESTER-IV</b>	
<b>SUBJECT-ECONOMICS</b>	
<b>Code of the Course</b>	<b>ECO9110T</b>
<b>Title of the Course</b>	<b>ECONOMETRICS – II</b>
<b>Qualification Level of the Course</b>	NHEQF Level 6.5
<b>Credit of the course</b>	4 credits
<b>Type of the course</b>	Discipline Specific Elective Course
<b>Delivery type of the Course</b>	60 hours (40 lectures on content delivery+ 10 hours for formative and diagnostic assessment + 10 hours on tutorial).
<b>Prerequisites</b>	Understanding of the basic Econometric course
<b>Co-requisites</b>	None
<b>Objectives of the course</b>	The present course is designed to acquaint the students with the advanced econometric tools and techniques which is crucial for the economic and financial research.
<b>Learning outcomes</b>	<ul style="list-style-type: none"> <li>➤ This course keeps students engage in active learning and critical thinking about econometrics using advanced tools.</li> <li>➤ The learner gets familiar with the theory and application of time series techniques which is crucial for the economic and financial research.</li> <li>➤ Students can relate economic questions to empirical observations and try to select those econometric models which are best suited.</li> </ul>
<b>SYLLABUS</b>	

<p style="text-align: center;"><b>UNIT-I</b></p>	<p><b>Simultaneous Equation Models</b> – Meaning and basic concepts- Structural, Reduced form Model. Consequences of applying OLS to simultaneous model, Recursive models. Problem of identification and Conditions for Identification (Rank and Order Conditions).</p> <p style="text-align: right;">(12 Hrs)</p>
<p style="text-align: center;"><b>UNIT -II</b></p>	<p><b>Estimation of Simultaneous Equation Models</b> – Indirect Least Square Method (ILS), Two Stage Least Square Methods (2 SLS), The Method of Instrumental Variables (IV), Identification and Choice of Estimation Method. Estimation under linear restrictions, Specification Bias.</p> <p style="text-align: right;">(12 Hrs)</p>
<p style="text-align: center;"><b>UNIT-III</b></p>	<p><b>Time Series Econometrics:</b> Basic Concepts- Stationary and Non stationary Stochastic Processes, unit root stochastic processes, Trend Stationary and Difference stationary stochastic process. Random walk model. The Unit root test- Augmented Dickey-Fuller test. The phenomenon of co-integration and spurious regression.</p> <p style="text-align: right;">(12 Hrs)</p>
<p style="text-align: center;"><b>UNIT-IV</b></p>	<p><b>Time Series Model:</b> Forecasting with ARMA, Forecasting with ARIMA model, Box-Jenkins methodology. ARCH and GARCH Model to measure the volatility.</p> <p>The Granger Causality test, Vector Auto Regression (VAR): Problems with VAR modelling.</p> <p style="text-align: right;">(12 Hrs)</p>
<p style="text-align: center;"><b>UNIT-V</b></p>	<p><b>Model Selection Criterion-</b> Hendry and Richard criterion, The <math>R^2</math> Criterion, Akaike Information Criterion (AIC), Schwarz Information Criterion (SIC).</p> <p><b>Panel data Regression Model-</b> Meaning, Uses and estimation of Panel data Regression Model using Fixed effects model, Random effects model.</p>

	(12 Hrs)
<b>Text Books</b>	<ul style="list-style-type: none"> <li>➤ Gujarati, D. (1995) – Basic Econometrics, McGraw Hill, New Delhi.</li> <li>➤ Johnston, J. (1985) – Econometric Methods, McGraw Hill, New York.</li> <li>➤ Koutsoyiannis, A. (1977) – Theory of Econometrics, (2<sup>nd</sup> Edition), The Macmillan Press Ltd., Hampshire.</li> <li>➤ Maddala, G. S. (1993) – Econometrics: An Introduction, McGraw Hill, New York.</li> <li>➤ G. M. K. Madhani – Introduction to Econometrics: Principles and Applications, Oxford and IBH Publishing Co. Pvt. Ltd., New Delhi.</li> <li>➤ enukuh] th- ,e- ds- (1996½ &amp; vFkZfefr% vo/kkj.kk,a ,oa fof/k;ka] vkWDIQksMZ ,oa vkbZ-ch-,p- dEiuh çk- fy-] ubZ fnYyhA</li> </ul>
<b>Reference Books</b>	<ul style="list-style-type: none"> <li>➤ Intriligator, M. D. (1978) – Econometric Methods, Techniques and Applications, Prentice Hall, Englewood Cliffs, New Jersey.</li> <li>➤ Pindyck, R. S. and D. L. Rubinfeld (1976) – Econometric Models and Economic Forecasts, McGraw Hill, Kogakusha, Tokyo.</li> <li>➤ Franses, P. H. (1998) – Time Series Models for Business and Economic Forecasting, Cambridge University Press, Cambridge.</li> <li>➤ Chow, G. C. (1983) – Econometrics, McGraw Hill, New York.</li> <li>➤ Dhrymes, P. J. (1970) – Econometrics – Statistical Foundations and Applications, Harper and Row Publishers, New York.</li> <li>➤ Kmenta, J. (1997) – Elements of Econometrics, University of Michigan Press, New York.</li> </ul>
<b>Suggested E-resources</b>	<ul style="list-style-type: none"> <li>➤ E-pgpathashala modules.</li> <li>➤ <a href="http://www.inflibnet.ac.in">www.inflibnet.ac.in</a></li> <li>➤ <a href="http://www.ignou.ac.in">www.ignou.ac.in</a></li> <li>➤ <a href="http://www.sawayam.gov.in">www.sawayam.gov.in</a></li> </ul>



<b>M.A. (TWO YEAR DEGREE PROGRAM)</b>	
<b>SEMESTER-IV</b>	
<b>SUBJECT-ECONOMICS</b>	
<b>Code of the Course</b>	<b>ECO09111T</b>
<b>Title of the Course</b>	<b>INDIAN INDUSTRIAL ECONOMICS</b>
<b>Qualification Level of the Course</b>	NHEQF Level 6.5
<b>Credit of the course</b>	4 credits
<b>Type of the course</b>	Discipline Specific Elective Course
<b>Delivery type of the Course</b>	60 hours (40 lectures on content delivery+ 10 hours for formative and diagnostic assessment + 10 hours on tutorial).
<b>Prerequisites</b>	Understanding of the basic Econometric course.
<b>Co-requisites</b>	None
<b>Objectives of the course</b>	<p>The objectives of this course are multifaceted, aiming to provide students with a comprehensive understanding of the industrial landscape and economic dynamics specific to India. Through rigorous analysis and examination, students will delve into the historical evolution of India's industrial sector, from pre-independence to the present day, and gain insight into the key policies and reforms that have shaped its trajectory. They will explore the unique challenges and opportunities faced by Indian industries, including issues related to industrial structure, market competition, and government intervention. By the end of the course, students will have acquired the analytical tools and knowledge necessary to critically evaluate industrial policies, identify growth opportunities, and contribute to informed decision-making in the context of India's industrial economy.</p>

<p><b>Learning outcomes</b></p>	<ul style="list-style-type: none"> <li>➤ This course will develop a comprehensive understanding of the historical evolution of India's industrial sector, including the pre-independence era, the period of economic planning, and the phases of liberalization and globalization.</li> <li>➤ Students will able to explore the structure and composition of Indian industries, including the dominance of certain sectors, the prevalence of small-scale vs. large-scale enterprises, and the emergence of new industries and technologies.</li> <li>➤ Students will able to assess the dynamics of Indian industrial markets, including market concentration, competition levels, entry barriers, and the role of regulatory authorities in ensuring fair competition.</li> </ul>
<p><b>SYLLABUS</b></p>	
<p><b>UNIT-I</b></p>	<p><b>Introduction to Indian Industrial Economy</b></p> <p>Overview of Indian industrial development: Pre-Independence &amp; Post-Independence Periods. Challenges &amp; Opportunities in the Indian Industrial Economy Before &amp; After Liberalization. Recent Trends &amp; Critical Appraisal of Industrial Growth in India. Causes of Slow Industrialization in India.</p> <p style="text-align: right;">(12 Hrs.)</p>
<p><b>UNIT -II</b></p>	<p><b>Industrial Structure, Competition &amp; Public private Dynamics in India</b></p> <p>Industrial Structure in Indian Economy. Industrial Concentration &amp; Market Power- Measurement &amp; Implications. Competition Policy &amp; Regulatory Framework in India. MRTP Act, Competition Commission of India.</p> <p>Introduction to Public &amp; Private Sectors, Development of Public Enterprises in India, Achievements &amp; Importance of Public Sector in India, New Industrial Policy &amp; Public Undertaking, Role of Private</p>

	<p>Sector in India, Privatisation of Public Sector through Disinvestment. Public -Private Partnership (PPP).</p> <p style="text-align: right;">(12 Hrs.)</p>
<b>UNIT-III</b>	<p><b>Localization of Indian Industries &amp; Government Policies</b></p> <p>Introduction to Industrial Localisation, Factors Driving Industrial Localization in India.</p> <p><b>Localization of Industries in India-</b> Localization of Cotton Textile Industry, Jute Industry, Iron &amp; Steel Industry, Sugar Industry, Cement Industry &amp; Paper Industry.</p> <p><b>Government Policies &amp; Industrial Localization:</b> Industrial Policy Reforms in India &amp; Latest Industrial Policy in India. Special Economic Zones (SEZs) and Industrial Corridors, Incentives for Promoting Industrial Clusters.</p> <p style="text-align: right;">(12 Hrs.)</p>
<b>UNIT-IV</b>	<p><b>Finance &amp; Related Issues in Indian Industry</b></p> <p>Sources of Industrial Finance, Causes of Shortage of Industrial Finance in India, Measures to remove the shortage of Industrial Finance in India. Investment Climate in Indian Industries- Trends, Patterns &amp; Determinants. Public-Private Partnership (PPP) Models and Infrastructure Financing. Role of Foreign Direct Investment (FDI) in Indian Industrial Development.</p> <p>Institutional Finance with Special Reference to IFCI, IDBI, SIDBI, ICICI.</p> <p>Role of MNC's in India. Some Major Problems faced in Iron, Steel, Jute, Sugar, Cement Industries. Sick Industries in India. Navratan Industries in India. Role of MSME's in India. Performance &amp; Problems of MSMEs. Remedial Measures for MSME's.</p>

	(12 Hrs.)
<b>UNIT-V</b>	<p><b>Issues in Indian Industry</b></p> <p>Regional Industrial Development Patterns in India: North vs. South, Urban vs. Rural Areas. Industrial Clusters &amp; their Role in Regional Development. Government Policies &amp; Interventions for Promoting Industrial Growth in Backward Regions. Problems of Regional Imbalance &amp; Industrial Growth in India.</p> <p style="text-align: right;">(12 Hrs.)</p>
<b>Text Books</b>	<ul style="list-style-type: none"> <li>➤ औद्योगिक प्रबंधन, बी. एल. माथुर</li> <li>➤ औद्योगिक विकास, मनोज कुमार</li> <li>➤ औद्योगिक अर्थशास्त्र, आर. एस. कुलश्रेष्ठ</li> <li>➤ Ramesh Singh, Indian Economy</li> <li>➤ Uma Kapila, Indian Economy: Performance and Policies</li> <li>➤ K. L. Krishna, Economic Reforms and Industrial Structure in India</li> <li>➤ Uma Kapila, Indian Economy: Environment and Policy</li> <li>➤ M. L. Jhingan, Industrial Economics: An Indian Perspective</li> <li>➤ W. K. Viscusi, J. E. Harrington Jr., and J. M. Vernon, Economics of Regulation and Antitrust</li> <li>➤ M. Y. Khan and P. K. Jain, Indian Financial System</li> <li>➤ B. Santhanam, Industrial Finance in India: A Critical Appraisal</li> <li>➤ V. K. Puri and R. V. Sharma, Regional Planning and Development in India</li> <li>➤ S. Mahendra Dev and C. Ravi, Industrial Development and Policy in India</li> </ul>
<b>Reference Books</b>	<ul style="list-style-type: none"> <li>➤ K. L. Krishna, India's Industrialization: Policy, Performance, and Prospects</li> </ul>

	<ul style="list-style-type: none"> <li>➤ Ravi S. Srivastava and K. Narayanan, Indian Industrial Economy: State, Private Sector, and Labour</li> <li>➤ J. S. Gangwar, Competition Policy and Industrial Policy in India: Policy Resolutions and Judicial Interpretations</li> <li>➤ J. R. M. Govindan, Industrial Economics: Theory, Applications, and Policy</li> <li>➤ V. K. Bhalla, Investment Management: Security Analysis and Portfolio Management</li> <li>➤ A. S. Desai and A. V. Varma, Industrial Finance and Investment: Concepts, Cases, and Indian Experience</li> </ul>
<b>Suggested E-resources</b>	<ul style="list-style-type: none"> <li>➤ E-pgpathashala modules.</li> <li>➤ <a href="http://www.inflibnet.ac.in">www.inflibnet.ac.in</a></li> <li>➤ <a href="http://www.ignou.ac.in">www.ignou.ac.in</a></li> <li>➤ <a href="http://www.sawayam.gov.in">www.sawayam.gov.in</a></li> </ul>

<b>M.A. (TWO YEAR DEGREE PROGRAM)</b>	
<b>SEMESTER-IV</b>	
<b>SUBJECT-ECONOMICS</b>	
<b>Code of the Course</b>	<b>ECO9112T</b>
<b>Title of the Course</b>	<b>MATHEMATICAL ECONOMICS-II</b>
<b>Qualification Level of the Course</b>	NHEQF Level 6.5
<b>Credit of the course</b>	4 credits
<b>Type of the course</b>	Discipline Specific Elective Course
<b>Delivery type of the Course</b>	60 hours (40 lectures on content delivery+ 10 hours for formative and diagnostic assessment + 10 hours on tutorial).
<b>Prerequisites</b>	Basic understanding of Economic principle
<b>Co-requisites</b>	Understanding of Mathematical tools
<b>Objectives of the course</b>	This course aims to develop the ability to utilize mathematical principles and tools to analyse economic theories and to investigate economic quandaries by solving mathematica models. This course focuses on providing skills to elaborate some economic theories and models related to imperfect market, development and trade cycles with the help of mathematical models.
<b>Learning outcomes</b>	<ul style="list-style-type: none"> <li>➤ It enables student to use modern algebraic tools which allow convenient handling of simultaneous equations in the context of linear programming, game theory and input-output analysis.</li> <li>➤ It equip students to elaborate some defined Microeconomics, Macroeconomics &amp; Development models with mathematical explanation and derive them.</li> <li>➤ Students will be able to construct mathematical models to</li> </ul>

	extract conclusions of economic problems with mathematical logic.
<b>SYLLABUS</b>	
<b>UNIT-I</b>	<p><b>Pricing under Oligopoly</b></p> <p>Duopoly Model - The Cournot Model, The Stackelberg Model; Collusive Oligopoly, Kinked Demand Curve Model. Bilateral Monopoly. Pareto Optimality; The efficiency of perfect and imperfect competition.</p> <p style="text-align: right;">(12Hrs)</p>
<b>UNIT -II</b>	<p><b>Game Theory</b></p> <p>Concept of Game, Two Person Zero Sum Game, Pay-off Matrix, Pure and Mixed Strategies, Maximin in and Minimax criteria and Saddle Point, Non-constant Sum Game, Prisoner's Dilemma, Linear Programming Equivalence.</p> <p style="text-align: right;">(12Hrs)</p>
<b>UNIT-III</b>	<p><b>Linear Programming</b></p> <p>Meaning and definitions, Basic concepts and Solution of LPP through Simplex Method, Primal and Dual problem, Problem of Degeneracy in LPP, Application of LPP in Transport and Storage problems and other problems in Economics.</p> <p style="text-align: right;">(12Hrs)</p>
<b>UNIT-IV</b>	<p><b>Input-Output Model</b></p> <p>Static and Dynamic Model, Closed and Open Input Output Model, Solution of Input Output Model, Hawkins Simon conditions.</p> <p style="text-align: right;">(12Hrs)</p>
<b>UNIT-V</b>	<p><b>Economic Models</b></p> <p>Samuelson's Trade Cycle Model, Harrod Growth Model, Neoclassical Growth Model – Solow's Growth Models, Endogenous Growth Model of Romer.</p> <p style="text-align: right;">(12Hrs)</p>

<p><b>Text Books</b></p>	<ul style="list-style-type: none"> <li>➤ Chiang, A.C. (1986) – Fundamental Methods of Mathematical Economics, McGraw Hill, New York.</li> <li>➤ Mehta, B.C. and G.M.K. Madnani (2008) – Mathematics for Economists, Sultan Chand and Company, New Delhi.</li> <li>➤ Henderson, J. M. and R. E. Quandt (1980) – McGraw Hill, New Delhi.</li> </ul>
<p>Reference Books</p>	<ul style="list-style-type: none"> <li>➤ Allen, R.G.D. (1974) – Mathematical Analysis for Economists, Macmillan Press and ELBS, London.</li> <li>➤ Arrow, K. J. and M. Intrigator (Eds.) (1982) – Handbook of Mathematical Economics, Vol. I, II and III, North Holland, Amsterdam.</li> <li>➤ Chung, J. W. (1993) – Utility and Production: Theory and Applications, Basil Blackwell, London.</li> <li>➤ Ferguson, C. E. (1976) – Neo Classical Theory of Production and Distribution.</li> <li>➤ Hadley, G. (1962) – Linear Programming, Addison Wesley Publishing Co., Massachusetts.</li> <li>➤ Mankiw, N. G. and D. Romer (Eds.) (1991) – New Keynesian Economics (2 Vols.), MIT Press, Cambridge, Mass.</li> <li>➤ Madnani, G.M.K. (2008) – Mathematical Economics, Oxford and IBH Publishing Co. Pvt. Ltd., New Delhi.</li> <li>➤ Mehta, B. C. (1987) – Mathematical Economics: Microeconomic Models, Sultan Chand and Sons, New Delhi.</li> <li>➤ Nash, J. F. (1996) – Essays on Game Theory, Cheltenham, U.K.</li> </ul>



<b>M.A. (TWO YEAR DEGREE PROGRAM)</b>	
<b>SEMESTER-IV</b>	
<b>SUBJECT-ECONOMICS</b>	
<b>Code of the Course</b>	<b>ECO09113T</b>
<b>Title of the Course</b>	<b>LABOUR ECONOMICS</b>
<b>Qualification Level of the Course</b>	NHEQF Level 6.5
<b>Credit of the course</b>	4 credits
<b>Type of the course</b>	Discipline Specific Elective Course
<b>Delivery type of the Course</b>	60 hours (40 lectures on content delivery+ 10 hours for formative and diagnostic assessment + 10 hours on tutorial).
<b>Prerequisites</b>	Degree Courses in Graduation
<b>Co-requisites</b>	-
<b>Objectives of the course</b>	This course is designed to provide students with a comprehensive understanding of labour market dynamics and phenomena. Students will explore the theoretical foundations of labour economics, including theories of labour supply and demand, wage determination, and human capital accumulation. Additionally, students will examine the role of government interventions, labour market regulations, and social policies in shaping labour market outcomes and addressing issues such as income inequality, labour market discrimination, and unemployment. By the end of the course, students will be equipped with the analytical tools and knowledge necessary to critically evaluate labour market trends, policies, and their socio-economic implications.
<b>Learning outcomes</b>	➤ This course will develop a deep understanding of the functioning of labour markets, including the interaction of

	<p>labour supply and demand, wage determination mechanisms.</p> <p>➤ Students will learn to analyse and interpret key labour market indicators, such as employment rates, unemployment rates, labour force participation rates, and wage trends.</p>
<b>SYLLABUS</b>	
<b>UNIT-I</b>	<p><b>Introduction to Labour Economics &amp; Labour Market</b></p> <p>Meaning, Nature, Scope, &amp; Importance of Labour Economics, Nature &amp; Problems of Labour, Characteristics of Industrial Labour in India, Labour Market – Forms and Characteristics, Labour Market in India.</p> <p style="text-align: right;">(12Hrs.)</p>
<b>UNIT -II</b>	<p><b>Wage Determination</b></p> <p>Determinants of Labour Demand, Theories of Labour Demand in the Short Run &amp; Long Run, Technological Change &amp; Labour Demand.</p> <p>Labor Supply Elasticity &amp; its Determinants. Factors Influencing Labour Force Participation, Hours of Work &amp; Occupational Choice. Labour Supply Curve.</p> <p>Concepts of Wages- Fair, Living Wage &amp; Minimum Wage. Problems of Implementation of Minimum Wages, Wage Determination by Sectors- Urban &amp; Rural, Organized &amp; Unorganized. Wage &amp; Non-Wage Components of Labour Recommendations</p> <p>Theories of Wage Determination: Classical, Neo Classical &amp; Bargaining Theory.</p> <p style="text-align: right;">(12Hrs.)</p>
<b>UNIT -III</b>	<p><b>Labour Productivity &amp; Employment</b></p> <p>Factors affecting Labour Productivity, Productivity &amp; Wage Relationship, Migration, Absenteeism &amp; Turnover in Labour Market, Labour &amp; Rationalization.</p>

	<p>Importance of Employment in the Context of Poverty in Developing Countries like India. Concept, Types &amp; Measurement of Unemployment.</p> <p style="text-align: right;">(12Hrs.)</p>
<b>UNIT-IV</b>	<p><b>Industrial Relations &amp; Trade Unions</b></p> <p>Growth of Industrialization &amp; Emergence of Unionism, Theories of Labour Movement- Growth Structure &amp; Pattern of Trade Union in India.</p> <p>Determinants of Industrial Disputes- Collective Bargaining, Conciliation, Arbitration, Adjudication- Grievance Settlements. Labour Participation in Management.</p> <p style="text-align: right;">(12Hrs.)</p>
<b>UNIT-V</b>	<p><b>Social Security in India</b></p> <p>Need of Social Security, Social Insurance &amp; Social Assistance, Workmen Compensation Act. Maternity Benefit Act &amp; Employees State Insurance Scheme. Institutional Issues and Labour Market- Labour Legislation, Collective Action, etc. &amp; their implications on Wages, Employment Security and Efficiency, Labour Market as Social Institution.</p> <p>Increasing Role of State in Determination of Labour Issues- Labour Policy of Government in the Past, Various Social Securities &amp; Labour Welfare Measures adopted by Government- Comparative Account of Social Security Measures adopted in U.K., USA, &amp; EU.</p> <p style="text-align: right;">(12Hrs.)</p>
<b>Text Books</b>	<ul style="list-style-type: none"> <li>➤ R.A. Lester, Economics of Labour, Macmillan, 1964</li> <li>➤ C.R. Mc Connell and S.L. Brue, Contemporary Labour Economics, McGraw Hills, 1986</li> </ul>
<b>Reference Books</b>	<ul style="list-style-type: none"> <li>➤ Papola T.S.P.P Ghosh &amp; A.N. Sharma (EDS) (1993) Labour employment: Industrial relation in India, B.R. Publishing Corporation.</li> <li>➤ Praveen Jha B.R. Agricultural Labour in India, Vikas Publication, 2001</li> </ul>

<b>M.A. (TWO YEAR DEGREE PROGRAM)</b>	
<b>SEMESTER-IV</b>	
<b>SUBJECT-ECONOMICS</b>	
<b>Code of the Course</b>	<b>ECO9114T</b>
<b>Title of the Course</b>	<b>ISSUES IN INDIAN AGRICULTURE</b>
<b>Qualification Level of the Course</b>	NHEQF Level 6.5
<b>Credit of the Course</b>	4 Credits
<b>Type of the Course</b>	Discipline Specific Elective Course DSE-VI in Economics
<b>Delivery type of the course</b>	60 hours (40 lectures on content delivery + 10 hours for formative and diagnostic assessment + 10 hours on tutorial).
<b>Prerequisites</b>	Degree Course in Graduation
<b>Co-requisites</b>	Basic Knowledge of Agricultural Economics is required
<b>Objectives of the course</b>	Its objective is to familiarize students with issues and policies that are relevant to Indian Agricultural Economics and enable them to analyse them. This course aims to highlight the importance of agriculture in the economic development of India. This course will develop the skill to analyse the challenges of agricultural development in India and strategies to overcome them.
<b>Learning outcomes</b>	<ul style="list-style-type: none"> <li>➤ Students will be able to discuss the main features, trends and problems of Indian agriculture.</li> <li>➤ Students will be able to elaborate on agriculture finance, marketing and capital formation in India.</li> <li>➤ It will enable students to critically analyse the policies of government related to agriculture sector.</li> <li>➤ Students will analyse the changes and innovations in Indian Agriculture and challenges for agricultural development in India.</li> </ul>
<b>SYLLABUS</b>	
<b>UNIT-I</b>	<b>Role of Agricultural Sector and Its Development in India</b>

	<p>Features of Indian Agriculture, Role of Agriculture in Indian Economy, Problems of Indian Agriculture, Recent Agricultural Growth in India. Land Utilisation and Cropping Pattern Changes in India. Trends in Agricultural Production and Productivity in India, Causes of Low Productivity in India, Suggestions to increase and Measures employed to develop agriculture in India. Diversification of Indian Agriculture. Latest Agriculture Policy in India.</p> <p style="text-align: right;">(12Hrs)</p>
<b>UNIT-II</b>	<p><b>Basic Agriculture Inputs and Related Issues in India</b></p> <p>Irrigation- Importance, Sources and Development, Government efforts, Problems. Fertilisers- Consumption, Production and Import, NBS Scheme. HYV Seeds – Utilisation and Schemes for promotion. Land Reforms: Objective and achievement. Farm Mechanisation: Types and Progress. Arguments for and against the Mechanisation of agriculture in India. Small Farmers and Agricultural Labourers: Conditions and problems, Measures for Improvement.</p> <p style="text-align: right;">(12Hrs)</p>
<b>UNIT-III</b>	<p><b>Agricultural Finance in India</b></p> <p>Need and Sources of Agricultural Finance in India - Institutional and Non- Institutional Sources. NABARD and Rural Credit, Micro Finance. Problems of Agricultural Finance in India. Suggestions of V.L. Mehta Committee.</p> <p style="text-align: right;">(12Hrs)</p>
<b>UNIT-IV</b>	<p><b>Indian Agricultural Marketing and Pricing System</b></p> <p>Agricultural Marketing in India: Present system, e-NAM, Problems and Measures to improve.</p> <p>Agricultural Pricing in India: Trends in agricultural prices, Need of Price Stabilization, Agricultural Price Policy in India and its shortcomings.</p> <p style="text-align: right;">(12Hrs)</p>
<b>UNIT-V</b>	<p><b>Revolutions and Innovations in India agriculture</b></p>

	<p>Green Revolution, Blue Revolution, White Revolution, Yellow Revolution, Sweet Revolution, Purple Revolution. The Aroma Mission, National Livestock Mission, National mission on Edible Oils-Oil Palm.</p> <p>Krishi Vigyaan Kendras, Kisan Credit Cards, Kisan Call Centers, Crop Insurance, Farm Distress Index. Use of GIS and Remote sensing, Agro-based industries</p> <p style="text-align: right;">(12Hrs)</p>
<p><b>Text Books</b></p>	<ul style="list-style-type: none"> <li>➤ Puri, V. K., S.K. Misra &amp; B. Garg (2023) – Indian Economy, Himalaya Publishing House, New Delhi.</li> <li>➤ Dutta, G. and B. Nag (2024) – Indian Economy, S. Chand and Company Ltd., New Delhi.</li> <li>➤ Soni, R. N. (2008) – Leading Issues of Agriculture Economics, Vishal Publishing Company, Jalandhar.</li> <li>➤ Sadhu and Singh (1991), Agricultural Problems in India, Himalaya Publishing House, New Delhi.</li> <li>➤ Lekhi, R.K. &amp; J. Singh (2008)-Agricultural Economics, Kalyani Publishers, New Delhi (Hindi and English Version).</li> <li>➤ Gupta P.K. (2012)-Agricultural Economics, Vrinda Publications, Delhi (Hindi and English Version).</li> </ul>
<p><b>Reference Books</b></p>	<ul style="list-style-type: none"> <li>➤ Government of India – Reports of the National Commission on Agriculture, New Delhi.</li> <li>➤ Government of India-Statistical Abstract of India (Latest), Directorate of Economics and Statistics of India.</li> <li>➤ Government of India- Agricultural Statistics at a Glance, Ministry of Agricultural and farmers welfare.</li> <li>➤ Reserve Bank of India – Report of the Agricultural Credit Review Committee, Bombay.</li> <li>➤ Government of India – Economic Survey (Latest) Ministry of Finance.</li> </ul>

	<ul style="list-style-type: none"><li>➤ Raj, K. N. et al. (1988) – Essays in the Commercialisation of Indian Agriculture, Oxford University Press, New Delhi.</li><li>➤ Subbarao, K. and De Janvry (1986) – Agriculture Price Policy and Income Distribution in India, Oxford University Press, New Delhi.</li><li>➤ Bhalla, G. S. (1994) – Economic Liberalisation and Indian Agriculture Institute for Studies in Industrial Development, New Delhi.</li><li>➤ Dhawan, B. D. (1988) – Irrigation in Indian Agriculture Development, Sage Publication, New Delhi.</li><li>➤ Rao, C. H. Hanumantha (1994) – Agriculture Growth, Rural Poverty and Environmental Degradation in India, Oxford University Press, New Delhi.</li></ul>
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<b>M.A. (TWO YEAR DEGREE PROGRAM)</b>	
<b>SEMESTER-IV</b>	
<b>SUBJECT-ECONOMICS</b>	
<b>Code of the Course</b>	<b>ECO9115T</b>
<b>Title of the Course</b>	<b>ENVIRONMENTAL ECONOMICS-II</b>
<b>Qualification Level of the Course</b>	NHEQF Level 6.5
<b>Credit of the course</b>	4 credits
<b>Type of the course</b>	Discipline Specific Elective course
<b>Delivery type of the Course</b>	60 hours (40 lectures on content delivery+ 10 hours for formative and diagnostic assessment + 10 hours on tutorial).
<b>Prerequisites</b>	Basic understanding of Economic principle
<b>Co-requisites</b>	None
<b>Objectives of the course</b>	The basic aim of the paper is to deepen the understanding on advanced concepts and various methods environmental valuation and environmental accounting. Students will get acquainted with cost effectiveness and benefits of environmental goods and how to manage them. Apart from it, major Global issues and role of various international organisations are also covered.
<b>Learning outcomes</b>	<ul style="list-style-type: none"> <li>➤ This course intends to expose the student with practical applications of methods for valuation of environmental goods and services.</li> <li>➤ Students will understand the method to assess the Environmental cost and environmental benefit.</li> <li>➤ Paper also discusses the various theories for managing and regulating the natural resources. It also highlights the concept and indicators for measuring sustainable development</li> </ul>



	<p>➤ Environment economics also brings insight the various issues and problems associated with the environment degradation at international context and role of various international organisations.</p>
<b>SYLLABUS</b>	
<b>UNIT-I</b>	<p><b>Environmental valuation:</b> Meaning and Need, Concept of total Economic Value, Use Value, Option Values and Non-use Values. Environmental Valuation-. Environmental Valuation Methods – Behavioural Linkage Approach- Contingent Valuation Method (CVM), Hedonic Pricing Technique, Travel Cost Method. Physical Linkage Methods-Damage Function Method.</p> <p style="text-align: right;">(12Hrs)</p>
<b>UNIT -II</b>	<p><b>Environmental Cost and Environmental Accounting</b> Environmental Pollution as an Economic Problem; Trade-off between Market Goods and Environmental Quality; Assessing the Optimum level of Emissions, Cost Effectiveness and Equi-marginal Principle. Assessing the Benefits for Environmental Decision Making.</p> <p><b>Environmental Accounting</b> – Meaning, Need of Environmental Accounting (IEEA) and the requisite modifications to National Income Accounting. Measurement of Environmentally corrected GDP (Green Accounting).</p> <p style="text-align: right;">(12Hrs)</p>
<b>UNIT-III</b>	<p><b>Theory of Environment Regulation:</b> Rationale for regulation, Price Rationing, Pigouvian taxes-single and multiple Polluters, Subsidies for Abatement of pollution in short and long run. Tradable pollution permits and international carbon tax.</p> <p>Property Rights: Coase Theorem, Problems of Public bads and Bargaining, Policy significance of Coase Theorem.</p> <p style="text-align: right;">(12Hrs)</p>

<p style="text-align: center;"><b>UNIT-IV</b></p>	<p><b>Environmental Hazard and Disaster Policy:</b> Introduction, Major Environmental Hazards and Disasters and their management- Drought, Flood, Tsunami, Earthquake and Cyclone, National Calamity Management Act.</p> <p><b>Sustainable Development:</b> Concept, Objectives, Indicators and measurement, Strong and Weak sustainability.</p> <p style="text-align: right;">(12Hrs)</p>
<p style="text-align: center;"><b>UNIT-V</b></p>	<p><b>Global Environmental Issues:</b> Depletion of Ozone Layer: Green House Effect, Global Warming and Climate Change, Acid rain, Urban Pollution and Urban Health. Negative International Externalities and their Implications. Environmental Policy Instruments- Internalizing Environmental externalities.</p> <p><b>Major Environmental organization and Events:</b> Green Peace movement, The World conservation union, The nature conservancy. Sierra club, WWF, UNEP, UNCED. Trade and Environment-Role of WTO.</p> <p style="text-align: right;">(12Hrs)</p>
<p style="text-align: center;"><b>Text Books</b></p>	<ul style="list-style-type: none"> <li>➤ Charles Kolstad, Intermediate Environmental Economics, Oxford University Press, 2nd edition, 2010.</li> <li>➤ Jhingan M.L. Environmental Economics, 2<sup>nd</sup> Edition, Vrinda Publications, 2008.</li> <li>➤ Robert N. Stavins (ed.), Economics of the Environment: Selected Readings, W.W. Norton, 5th edition, 2005.</li> <li>➤ Roger Perman, Yue Ma, James McGilvray and Michael Common, Natural Resource and Environmental Economics, Pearson Education/Addison Wesley, 3rd edition, 2003.</li> <li>➤ Maureen L. Cropper and Wallace E. Oates, 1992, —Environmental Economics: A Survey, Journal of Economic Literature, Volume 30:675-740.</li> </ul>
<p style="text-align: center;"><b>Reference Books</b></p>	<ul style="list-style-type: none"> <li>➤ Bhattacharya. R.N (2001), Environmental Economics- An Indian Perspective, Oxford University Press, Delhi.</li> </ul>

	<ul style="list-style-type: none"> <li>➤ Hanley. N. J.F Shogren, and B White (2006). Environmental Economics: In Theory and Practice, Oxford University Press.</li> <li>➤ Sengupta, Ramprasad (2003), Ecology and Economics: An Approach to Sustainable Development, Oxford University press.</li> <li>➤ Singh, K. and A. Shishodia (2007), Environmental Economics: Theory and Applications, Sage Publications, New Delhi.</li> <li>➤ Ramprasad Sengupta (2012), Ecological Limits and Economic Development, Oxford University Press.</li> <li>➤ Kadekodi, Gopal K. (2004). Environmental Economics in Practices, Oxford University Press.</li> </ul>
<p><b>Suggested E-resources</b></p>	<ul style="list-style-type: none"> <li>➤ E-pgpathashala modules</li> <li>➤ <a href="http://www.inflibnet.ac.in">www.inflibnet.ac.in</a></li> <li>➤ <a href="http://www.ignou.ac.in">www.ignou.ac.in</a></li> <li>➤ <a href="http://www.swayam.gov.in">www.swayam.gov.in</a></li> </ul>

<b>M.A. (TWO YEAR DEGREE PROGRAM)</b>	
<b>SEMESTER-IV</b>	
<b>SUBJECT-ECONOMICS</b>	
<b>Code of the Course</b>	EC09116T
<b>Title of the Course</b>	Public Policy in India
<b>Qualification Level of the Course</b>	NHEQF Level 6.5
<b>Credit of the Course</b>	4 Credits
<b>Type of the Course</b>	Discipline Specific Elective Course DSE-VII in Economics
<b>Delivery type of the course</b>	60 hours (40 lectures on content delivery + 10 hours for formative and diagnostic assessment + 10 hours on tutorial).
<b>Prerequisites</b>	Degree Course in Graduation
<b>Co-requisites</b>	None
<b>Objectives of the course</b>	The objective of this paper is to equip students with the knowledge of policy formulation process and various stages. This course will inform the students about the formulation, implementation, monitoring, evaluation, analysis and limitations of public policies in India. It will develop an insight for creating good policies and also help them to critically analyse some existing Indian Economic Policies and suggest policy recommendations for the welfare of the country.
<b>Learning outcomes</b>	<ul style="list-style-type: none"> <li>➤ Student will have the knowledge about the formulation, implementation, monitoring, evaluation, analysis and limitations of public policies in India</li> <li>➤ Students will be able to discuss and analyse the public economic policies formed in India,</li> </ul>

	<p>which are directly and indirectly affecting the economic welfare of the people.</p> <p>➤ Students will get skill how to create effective policy and how to analyse existing policies and give policy recommendations to formulate effective policies.</p>
<b>SYLLABUS</b>	
<b>UNIT-I</b>	<p><b>Concept of Public Policy and Its Models/Approaches</b></p> <p>Concept of Public and Policy, Meaning Nature and Significance of Public Policy,</p> <p>Various Types of Public Policy. Policy Cycle.</p> <p>Models/Approaches of Public Policy: Rational Policy Making Model, Lindblom's Incremental Approach, Political Public Policy Approach, Mixed Approach by Hogwood and Gunn.</p> <p style="text-align: right;">(12 Hrs)</p>
<b>UNIT-II</b>	<p><b>Theoretical Framework of Public Policy Formulation and Issues in India</b></p> <p>Process of Policy Formulation, Role of Government (Union, State and Local Bodies), Civil Societies, International Agencies (World Bank, IMF, WTO). Constraints in Public Policy Formulation in India.</p> <p style="text-align: right;">(12 Hrs)</p>
<b>UNIT-III</b>	<p><b>Theoretical Framework of Public Policy Implementation and Issues in India</b></p> <p>Policy Implementation System- Network, Allocation of Tasks, Decision Making. Implementation Approaches/ Models – Top-bottom, Bottom-up, Policy Action Relationship, inter-organisational interaction, Synthesis of Bottom-up and Top- bottom approach.</p> <p>Problems of Public Policy Implementation in India.</p> <p style="text-align: right;">(12 Hrs)</p>

<p><b>UNIT-IV</b></p>	<p><b>Theoretical Framework of Monitoring and Evaluation of Public Policy and Issues in India</b></p> <p>Monitoring: Meaning and Significance, Constraints, Remedial Measures of Effective Monitoring.</p> <p>Evaluation: Concept, Nature and Significance. Criteria for Evaluation, Evaluating Agencies, Problems in Policy Evaluation.</p> <p style="text-align: right;">(12 Hrs)</p>
<p><b>UNIT-V</b></p>	<p><b>Analysis of Economic Policies in India (Few Case Studies)</b></p> <p>Agricultural Price Policy in India (Current Policy): Evolution, Goals, Significance, Prerequisites, Impact, Limitations.</p> <p>Industrial Policy in India (Current Policy): Objectives, Strategy – Liberalisation and Privatisation, Impact, Limitations, Criticism, Superiority over Previous Policies.</p> <p>EXIM Policy in India (Current Policy): Meaning, Objectives, Significance and Limitations.</p> <p style="text-align: right;">(12 Hrs)</p>
<p><b>Text Books</b></p>	<ul style="list-style-type: none"> <li>➤ E-PG Pathshala: (2015-16). Module ECO_P9_M20 and Title: Transfers of Resources from Union &amp; States to Local bodies, Paper No. 9, Paper Title: Public Finance and policy in India, Module, MHRD, Government of India. <a href="https://epgp.inflibnet.ac.in /ahl.php?csrno=29">https://epgp.inflibnet.ac.in /ahl.php?csrno=29</a>.</li> <li>➤ Sinha, M. (2015-16). Prashasan Evam Lok Niti, Orient Longman Publication, Jaipur.i (Hindi Version).</li> <li>➤ Sharma A. and R. Dogra (2016). Lokniti, New Age Publications, New Delhi.</li> <li>➤ Sapru, R.K., 1994, Public Policy: Formulation, Implementation and Evaluation, Sterling Publishers, New Delhi.</li> <li>➤ Saxena, P.K. ( ed.) (1993). Comparative Public Policy, Jaipur: Rawat Publication.</li> </ul>

	<ul style="list-style-type: none"> <li>➤ Dunn, W. N. (1981). Public Policy Analysis: An Introduction. Englewood Cliffs, NJ: Prentice-Hall.</li> <li>➤ Fischer, Frank. 2003a. Reframing Public Policy: Discursive Politics and Deliberative Practices. New York: Oxford University Press.</li> <li>➤ Indira Gandhi National Open University, 1993, BDP Course Material, EPA.06 Public Policy, Block No.8 Models of Public Policy-Making (Hindi and English Version).</li> <li>➤ Madan, K.D., K. Deish, Ashok Pradhan and C. Chandra Shekharan (Eds), 1982, Policy-Making in Government, Publications Division, Ministry of Information and Broadcasting, Government of India .</li> <li>➤ Nagel S.S. (1990). Policy Theory and Policy Evaluation: Concept, Knowledge, Cause and Norms, Delhi: Greenwood Press.</li> </ul>
<p><b>Reference Books</b></p>	<ul style="list-style-type: none"> <li>➤ Nagel S.S. (1990). Policy Theory and Policy Evaluation: Concept, Knowledge, Cause and Norms, Delhi: Greenwood Press.</li> <li>➤ Sapru, R.K. (1998). "Environmental Policy and Politics in India", Uday Desai (Ed.) Ecological Policy and Politics in Developing Countries, State University NY Press, New York. Sabatier, P.A. (1986). Top-down and Bottom-up Approaches to Implementation Research: A Critical Analysis and Suggestive Synthesis, Journal of Public Policy, V01.6.</li> <li>➤ B.N. Goldar and S.C. Aggarwal, (2005). Trade Liberalisation and Price-Cost Margin in Indian Industries, The Developing Economics, September.</li> <li>➤ J. Dennis Rajakumar, (2011). Size and Growth of Private Corporate Sector in Indian Manufacturing, Economic and Political Weekly, April.</li> <li>➤ Kaldor, N. (1939). Welfare Propositions of Economics and Interpersonal Comparisons of Utility, Economic Journal, 49 (195): 549-552.</li> <li>➤ Lane, Jan-Erik and S.O. Ersson (2000). The New Institutional Politics: Performance and Out comes, Routledge, London.</li> </ul>

	<ul style="list-style-type: none"> <li>➤ Puri, V. K., S.K. Misra &amp; B. Garg (2023) – Indian Economy, Himalaya Publishing House, New Delhi.</li> <li>➤ Dutta, G. and B. Nag (2024) – Indian Economy, S. Chand and Company Ltd., New Delhi. Soni, R. N. (2008) – Leading Issues of Agriculture Economics, Vishal Publishing Company, Jalandhar.</li> <li>➤ Sen K. (2010). “Trade, Foreign Direct Investment and Industrial Transformation in India”, in edited book The Rise of Asia by Premachandra Athukorala, Routledge.</li> <li>➤ Uma Kapila (20th Edition) (2009) – Indian Economy Since Independence, Academic Foundation, New Delhi.</li> </ul>
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<b>M.A. (TWO YEAR DEGREE PROGRAM)</b>	
<b>SEMESTER-IV</b>	
<b>SUBJECT-ECONOMICS</b>	
<b>Code of the Course</b>	<b>ECO9117T</b>
<b>Title of the Course</b>	<b>INDIAN BANKING SYSTEM</b>
<b>Qualification Level of the Course</b>	NHEQF Level 6.5
<b>Credit of the course</b>	4 credits
<b>Type of the course</b>	Generic Elective Course
<b>Delivery type of the Course</b>	60 hours (40 lectures on content delivery+ 10 hours for formative and diagnostic assessment + 10 hours on tutorial).
<b>Prerequisites</b>	Basic understanding of Economic principle
<b>Co-requisites</b>	None
<b>Objectives of the course</b>	It aims to equip students with a comprehensive understanding of the structure, functioning, and challenges of the banking sector in India. It provide students with the knowledge and skills necessary to analyze the regulatory framework, policies, and practices shaping the Indian banking system, as well as to critically evaluate its role in the economy and its implications for financial stability and inclusive growth.
<b>Learning outcomes</b>	➤ It will provide the understanding of the historical evolution and regulatory framework of the Indian banking system, including the role of the Reserve Bank of India (RBI) and other regulatory bodies in ensuring financial stability and supervision.

	<ul style="list-style-type: none"> <li>➤ It will enable students to analyze the structure and organization of the Indian banking sector, including the classification of banks.</li> <li>➤ The course examines the functions and operations of banks in India, including RRBs.</li> <li>➤ It provide assessment of the impact of government policies, monetary policy instruments, and regulatory reforms on the Indian banking sector, including measures aimed at financial inclusion, credit expansion and economic development.</li> </ul>
<b>SYLLABUS</b>	
<b>UNIT-I</b>	<p><b>Introduction:</b></p> <p>History of banking in India- Pre-Nationalization Era, Nationalization Stage, Post Liberalization Era; Classification and Structure of Indian Banking system; Inclusive Banking- concept and features, International Banking – broad trends and latest developments.</p> <p>Human Resource Development - Present and future HRD needs for bank employees in India, Khandelwal Committee Recommendations on Human resource in public sectors Banks.</p> <p style="text-align: right;">(12Hrs)</p>
<b>UNIT -II</b>	<p><b>Reserve Bank of India:</b></p> <p>The Reserve Bank of India- Functions and Role, Autonomy of the RBI in Liquidity Management. RBI's Monetary policy- Objectives and Techniques, striking a balance between inflation and growth through monetary policies, Urjit Patel Committee report on monetary policy.</p>

	(12Hrs)
<b>UNIT-III</b>	<p><b>Commercial Banking in India:</b></p> <p>Commercial Banks: Functions and Role, procedure of Credit Creation, Branch expansion Programme and policy, deposit mobilization and sectoral allocation of Bank Credit Concept of social and mass banking. Priority sector advances and advance to the neglected sections of the society.</p> <p>Rural Banking - Overall Structure and review of the contribution of major credit cooperatives, commercial banks and Regional Rural banks. NABARD – Objective and Role.</p> <p>NPA- meaning and issue of NPA in Indian Banking, Para Banking- Meaning and Activities, Normal v/s Para Banking.</p> <p style="text-align: right;">(12Hrs)</p>
<b>UNIT-IV</b>	<p><b>Payment and settlement System in India:</b></p> <p>Digital Payment Systems – Electronic Clearing Systems in India, National Payment Corporation of India (NPCI), Digital Initiatives by the Government of India.</p> <p>Financial Inclusion- Concept and importance in current scenario, Index of Financial Inclusion- introduction, dimension and latest Indian ranking. Financial Literacy- concept, current status in India. Bank Ombudsman-Function and role.</p> <p style="text-align: right;">(12Hrs)</p>
<b>UNIT-V</b>	<p><b>Reforms and Policies:</b></p> <p>Banking Sector Reforms- Context, need and objectives. Basel norms- definition, history, need and key recommendation of I, II, III and latest norms.</p>

	<p>Implementations of the Narsimham Committee-I and Narsimham Committee- II recommendations.</p> <p style="text-align: right;">(12Hrs)</p>
<b>Text Books</b>	<ul style="list-style-type: none"> <li>➤ S..B. Gupta: Monetary Planning for India (Latest Ed.)</li> <li>➤ K. Rao: Management of Commercial Banks</li> <li>➤ L.M. Bhole: Impacts of Monetary Policy.</li> <li>➤ Kenneth Kurihara : Monetary Theory and Public Policy</li> <li>➤ RBI Report on trend and progress of Banking in Banking in India (latest edn.)</li> </ul>
<b>Reference Books</b>	<ul style="list-style-type: none"> <li>➤ Harendra Badhav (ed.) Challenges to Indian Banking Competition. Globalization and Financial Markets. McMillan.</li> <li>➤ Hanson and Kathuria (ed): A financial Sector for the 21st Century. Oxford. University press.</li> <li>➤ I.B.A Bulletin Annual Special Issues.</li> <li>➤ Muranjan S.K.: Modern Banking in India</li> <li>➤ N.S. Yher: Non-Performing Advances in Banks. Skylark, New Delhi.</li> <li>➤ Report of the committee (Narsimham) on the Financial System.</li> <li>➤ Raghuram Rajan Committee Report on Financial Sector reforms, Planning Commission.</li> <li>➤ Reddy &amp; Appanniah: Banking Theory and Practice</li> <li>➤ Natarajan &amp; Gordon: Banking Theory and Practice</li> <li>➤ Shekar &amp; Shekar: Banking theory and practice, Vikas publishing house Pvt. Ltd.</li> <li>➤ Y.V Reddy Monetary and Financial Sector Reforms in India. UBSPD. New Delhi.</li> </ul>
<b>Suggested E-resources</b>	<ul style="list-style-type: none"> <li>➤ <a href="https://www.rbi.org.in">https://www.rbi.org.in</a></li> </ul>

	<p>➤ <a href="https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=NEp/xikgBgNtfA+sgFQAcA==">https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=NEp/xikgBgNtfA+sgFQAcA==</a></p>
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<b>M.A. (TWO YEAR DEGREE PROGRAM)</b>	
<b>SEMESTER-IV</b>	
<b>SUBJECT-ECONOMICS</b>	
<b>Code of the Course</b>	<b>ECO9118T</b>
<b>Title of the Course</b>	<b>MANAGERIAL ECONOMICS</b>
<b>Qualification Level of the Course</b>	NHEQF Level 6.5
<b>Credit of the Course</b>	4 Credits
<b>Type of the Course</b>	Discipline Specific Elective Course
<b>Delivery type of the course</b>	60 hours (40 lectures on content delivery + 10 hours for formative and diagnostic assessment + 10 hours on tutorial).
<b>Prerequisites</b>	Degree Course in Graduation
<b>Co-requisites</b>	None
<b>Objectives of the course</b>	The objectives of this course are to equip students with a comprehensive understanding of economic foundations pertinent to managerial decision-making, including demand and supply analysis, production theory, cost analysis, and market structures. Additionally, Students will learn to apply economic concepts in evaluating business decisions, such as pricing strategies & production planning. They will analyse market dynamics to discern the behaviour of firms and consumers across various market structures, enabling them to critically evaluate business strategies for their effectiveness and impact on firm performance.
<b>Learning outcomes</b>	<ul style="list-style-type: none"> <li>➤ This course will define and explain fundamental concepts in managerial economics, such as demand and supply analysis, production and cost functions, market structures, and pricing strategies.</li> <li>➤ Students will be able to apply economic theories and analytical tools to evaluate business decisions related to production &amp; pricing.</li> <li>➤ This course will enable students to analyse market behaviour and competitive dynamics under different</li> </ul>

	<p>market structures, including perfect competition, monopoly, monopolistic competition, and oligopoly.</p> <p>➤ Students will be able to assess firm performance using key economic indicators, and evaluate profit maximization strategies in various market environments.</p>
<b>SYLLABUS</b>	
<b>UNIT-I</b>	<p><b>Introduction to Managerial Economics</b></p> <p>Definition, Nature &amp; Scope of Managerial Economics, Role of Managerial Economics in Decision-Making, Fundamental Concepts used in Business Decisions. Opportunity Cost &amp; Decision Rule; Managerial &amp; Incremental Principle &amp; Decision Rule, Objectives of the Firms - Profit Maximisation &amp; Others, Time Perspective in Business Decision.</p>
<b>UNIT-II</b>	<p><b>Demand &amp; Supply Analysis</b></p> <p>Demand Theory &amp; Estimation: Consumer Preferences, Utility Maximization &amp; Demand Functions. Demand Elasticity: Types, Measurement &amp; Applications.</p> <p>Demand Forecasting; Meaning &amp; Importance, Steps, Techniques – Survey Methods &amp; Statistical Methods.</p> <p>Micro Economic Concept of Supply- Meaning, Determinants of Supply, Elasticity of Supply and Law of Supply.</p>
<b>UNIT-III</b>	<p><b>Production and Cost &amp; Revenue Analysis</b></p> <p>Production Theory: Production Function, Short-Run &amp; Long-Run Production Decisions. Optimal Combination of Inputs.</p> <p>Cost Function; Concept &amp; Types, Cost Curve &amp; their Relationship. Revenue: Concept and Types, Revenue Curves.</p> <p>Break Even Point &amp; Firm's Equilibrium. Economies and Diseconomies of Scale: Implications for Production Decisions.</p>
<b>UNIT-IV</b>	<p><b>Price Determination Under Different Market Conditions</b></p> <p>Price Determination Under Real Market Conditions: Monopolistic Competition (Short Run &amp; Long Run Price-Output Determination) &amp; Oligopoly (Cournot Model, Price</p>

	<p>Leadership, Kinked Demand Curve Model, Cartel &amp; Game Theory).</p> <p>Alternative Theories of Firm: Baumol's Sales Maximisation, Williamson's Model of Managerial Utility Function, Marris Balanced Growth Maximization Model.</p> <p>Pricing Strategies: Pricing in Life-Cycle of a Product, Multiple Product Pricing, Peak Load Pricing.</p>
<b>UNIT-V</b>	<p><b>Capital Budgeting &amp; Investment</b></p> <p>Capital &amp; Investment, Capital Budgeting: Meaning &amp; Importance. Prerequisites of Capital Budgeting, Optimum Level of Capital, Sources of Capital-Investment. Cost of Capital: Cost of Debt Capital, Capital Preferred Stock, Equity Capital, Retained Earnings Weighted Cost of Capital.</p> <p>Investment Decision Under Certainty: Criteria to Evaluate Profitability- Payback Period, Net Discounted Present Value, Internal Rate of Return,</p>
<b>Text Books</b>	<ul style="list-style-type: none"> <li>➤ Ahuja, H. L. Managerial Economics. S Chand Publishing.</li> <li>➤ Keat, P., &amp; Young, P. Managerial Economics. Pearson Education.</li> <li>➤ Baye, M., &amp; Prince, J. Managerial Economics &amp; Business Strategy. McGraw Hill Education.</li> <li>➤ McGuigan, J. R., Moyer, R. C., &amp; Harris, F. H. d. B. Managerial Economics: Applications, Strategies, and Tactics. Cengage Learning.</li> </ul>
<b>Reference Books</b>	<ul style="list-style-type: none"> <li>➤ Thomas, C., &amp; Maurice, S. C. Managerial Economics: Foundations of Business Analysis and Strategy. McGraw Hill Education.</li> <li>➤ Truett, L. J., &amp; Truett, D. B. Managerial Economics: Analysis, Problems, Cases. Cengage Learning.</li> <li>➤ Mansfield, E., &amp; Allen, W. B. Applied Managerial Economics. Pearson Education.</li> </ul>



	<ul style="list-style-type: none"><li>➤ Froeb, L. M., McCann, B. T., &amp; Ward, M. R. Managerial Economics: A Problem-Solving Approach. Cengage Learning.</li><li>➤ Keat, P. G., &amp; Young, P. K. Y. Managerial Economics: Economic Tools for Today's Decision Makers. Pearson Education.</li></ul>
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<b>M.A. (TWO YEAR DEGREE PROGRAM)</b>	
<b>SEMESTER-IV</b>	
<b>SUBJECT-ECONOMICS</b>	
<b>Code of the Course</b>	<b>ECO9119T</b>
<b>Title of the Course</b>	<b>DEMOGRAPHY</b>
<b>Qualification Level of the Course</b>	NHEQF Level 6.5
<b>Credit of the course</b>	4 credits
<b>Type of the course</b>	Discipline Specific Elective Course
<b>Delivery type of the Course</b>	60 hours (40 lectures on content delivery+ 10 hours for formative and diagnostic assessment + 10 hours on tutorial).
<b>Prerequisites</b>	Degree Course in Graduation
<b>Co-requisites</b>	None
<b>Objectives of the course</b>	The overarching objective of this course is to provide students with a comprehensive understanding of demographic processes and their implications for socio-economic development and contemporary issues. By the end of the course, students will develop a nuanced understanding of the interrelationships between population trends, socio-economic factors, and key demographic indicators. They will be equipped with the analytical tools and knowledge needed to critically evaluate demographic phenomena, analyse population data, and assess the implications of demographic trends for public policy and social welfare.
<b>Learning outcomes</b>	➤ Students will develop a comprehensive understanding of demographic processes, including population dynamics, migration, fertility, mortality, and morbidity, and their interrelationships with socio-economic development.

	<ul style="list-style-type: none"> <li>➤ Students will acquire analytical skills to interpret demographic data, analyze demographic trends, and evaluate the determinants and drivers of demographic changes, using appropriate demographic methods and techniques.</li> <li>➤ Develop critical thinking skills to assess the implications of demographic trends and transitions.</li> </ul>
<b>SYLLABUS</b>	
<b>UNIT-I</b>	<p><b>Introduction to Demography</b></p> <p>Definition, Origin &amp; Scope of Demography. Relation with other Disciplines. Sources of Demographic Data in India: Censuses, Surveys, Vital Registration Systems. Measurement Techniques: Population Enumeration, Age-Sex Structure, Concept of Life Tables. Population Trends in India; Size, Composition and Distribution of Population. Latest Population Policy in India.</p> <p style="text-align: right;">(12 Hrs)</p>
<b>UNIT -II</b>	<p><b>Theories of Population &amp; Migration</b></p> <p>Malthusian Theory, Marxist Theory of Population, Optimum Theory of Population, Demographic Transition Theory.</p> <p>Concept, Types &amp; Patterns of Migration (International, Internal &amp; Forced Migration), Push &amp; Pull Factors, Lee’s Migration Theory, Ravenstein’s Laws of Migration.</p> <p style="text-align: right;">(12 Hrs)</p>
<b>UNIT-III</b>	<p><b>Economic Perspective of Fertility behaviour</b></p> <p>Introduction to Fertility, Methods of Measuring Fertility; Crude Birth Rate, Age-Specific Fertility Rates, Total Fertility Rate (TFR). Trends &amp; Patterns of Fertility in India, Determinants of Fertility, Contemporary Issues in Fertility.</p>

	<p>Economic Theories of Fertility- Bargaining Theory, Income &amp; Opportunity Cost Theory, Human Capital Theory, Cost-Benefit Analysis Theory, Fertility &amp; Development Theory.</p> <p style="text-align: right;">(12 Hrs)</p>
<b>UNIT-IV</b>	<p><b>Mortality &amp; Morbidity: Patterns, Determinants, &amp; Implications</b></p> <p>Introduction to Mortality, Mortality Measures- Crude Death Rate, Age-Specific Death Rate, Life Expectancy. Patterns &amp; Trends in Mortality with Special Reference to India. Determinants of Mortality, Reasons for Declining Trends in Mortality, Concept of Infant Mortality.</p> <p>Introduction to Morbidity, Morbidity Measures- Prevalence Rate, Incidence Rate, Disease-Specific Morbidity Indicators. Patterns &amp; Trends in Morbidity with Special Reference to India. Determinants of Morbidity, Types of Morbidity.</p> <p style="text-align: right;">(12 Hrs)</p>
<b>UNIT-V</b>	<p><b>Contemporary Demographic Trends &amp; Challenges</b></p> <p>Demographic Dividend: Opportunities &amp; Challenges for India.</p> <p>Urban Population Growth: Drivers, Trends &amp; Consequences.</p> <p>Challenges of Rapid Urbanization, Impact of Urbanization on Socio-Economic Development &amp; Quality of Life.</p> <p>Aging Population: Implications for Healthcare, Social Security and Integrational Support. Population Displacement: Refugees, Internally Displaced Persons, Environmental Migrants. Emerging Challenges: Climate Change, Pandemics, Food Security, Inequality.</p> <p style="text-align: right;">(12 Hrs)</p>
<b>Text Books</b>	<ul style="list-style-type: none"> <li>➤ Agarwal, S. N. (1985) – India's Population Problem, Tata McGraw Hill, Bombay.</li> <li>➤ Agarwal, U. D. (1999) – Population Projections and Their Accuracy, B. R. Publishing Corporation, New Delhi.</li> </ul>

	<ul style="list-style-type: none"> <li>➤ Bhende, A. A. and T. R. Kanitkar (1982) – Principles of Population Studies, Himalaya Publishing House, Bombay.</li> <li>➤ Bogue, A. (1996) – India's Basic Demographic Statistics, B. R. Publishing Corporation, New Delhi.</li> <li>➤ Census of India, Government of India, Various Reports, New Delhi.</li> <li>➤ Srinivasan, K. (1998) – Basic Demographic Techniques and Applications, Sage Publications, New Delhi.</li> </ul>
Reference Books	<ul style="list-style-type: none"> <li>➤ Simon, J. L. (1992) – Population and Development in Poor Countries, Princeton University Press.</li> <li>➤ Agnihotri, S. B. (2000) – Sex ratio in Indian Population: A Fresh Exploration, Sage Publications, New Delhi.</li> <li>➤ Choubey, P. K. (2000) – Population Policy in India, Kanishka Publications, New Delhi.</li> <li>➤ Misra, B. D. (1980) – An introduction to the study of population, South Asian Publishers, New Delhi.</li> <li>➤ Srinivasan, K. (Ed.) (1999) – Population Policy and Reproductive Health, Hindustan Publishing Corporation, New Delhi.</li> <li>➤ oh- lh- flUgk ,oa vkj- ,l- f=osnh &amp; tukafddh ds fl)kUr] us'kuy ifCyf'kax gkÁlA</li> </ul>
Suggested E-resources	<ul style="list-style-type: none"> <li>➤ E-pgpathashala modules.</li> <li>➤ <a href="http://www.inflibnet.ac.in">www.inflibnet.ac.in</a></li> <li>➤ <a href="http://www.ignou.ac.in">www.ignou.ac.in</a></li> <li>➤ <a href="http://www.sawayam.gov.in">www.sawayam.gov.in</a></li> </ul>

<b>M.A. (TWO YEARS DEGREE PROGRAM)</b>	
<b>SEMESTER-IV</b>	
<b>SUBJECT-ECONOMICS</b>	
<b>Code of the Course</b>	<b>ECO9120S*</b>
<b>Title of the Course</b>	<b>PROJECT WORK- DISSERTATION</b>
<b>Qualification Level of the Course</b>	NHEQF Level 6.5
<b>Credit of the course</b>	4 credits
<b>Type of the course</b>	Discipline Specific Elective Course
<b>Delivery type of the Course</b>	120 hours
<b>Prerequisites</b>	Degree Course in Graduation
<b>Co-requisites</b>	None
<b>Objectives of the course</b>	This course aims to enable students to conduct independent research in economics and produce a high-quality dissertation on a chosen topic, to develop students' research skills, including the ability to formulate research questions, design appropriate research methodologies, and collect and analyse data, to enhance students' critical thinking and analytical skills through the review and synthesis of existing literature and the development of original insights and to foster students' communication and presentation skills through the effective written presentation of research findings in the form of a dissertation.
<b>Learning outcomes</b>	<p>Upon completion of the dissertation course, students should be able to:</p> <ul style="list-style-type: none"> <li>➤ Formulate a clear and focused research question or hypothesis in economics that addresses a relevant and significant issue.</li> </ul>

	<ul style="list-style-type: none"><li>➤ Design a robust research methodology appropriate for addressing the research question, including selecting appropriate data sources, research methods, and analytical techniques.</li><li>➤ Conduct a comprehensive review of relevant literature and theoretical frameworks related to the chosen research topic, demonstrating a critical understanding of key concepts and debates.</li><li>➤ Collect, analyse, and interpret empirical data or theoretical models effectively, drawing meaningful conclusions and insights from the research findings.</li><li>➤ Communicate research findings clearly and persuasively in a well-structured and coherent dissertation, adhering to academic conventions and standards of writing and referencing.</li><li>➤ Present and defend the dissertation orally in a professional manner, responding effectively to questions and feedback from faculty members and peers.</li><li>➤ Demonstrate independent thinking, creativity, and originality in identifying research topics, developing research methodologies, and interpreting research findings.</li><li>➤ Reflect critically on the research process and outcomes, identifying strengths, weaknesses, and areas for future research or improvement.</li></ul>
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