



**POOMPUHAR COLLEGE (AUTONOMOUS)**  
of the Tamil Nadu HR & CE Department  
MELAIYUR - 609 107  
**COURSE STRUCTURE FOR M.A. ECONOMICS**

(Applicable to the candidates admitted from the academic year 2022 – 2023 onwards)

Semester	Course	Hr	Cr	Exam Hours	Marks		Total
					Int	Ext	
I	Core Course – I (CC) <b>Advanced Micro Economic Analysis-I</b>	6	5	3	25	75	100
	Core Course – II (CC) <b>Advanced Macro Economic Analysis-I</b>	6	4	3	25	75	100
	Core Course – III (CC) <b>Monetary Economics</b>	6	4	3	25	75	100
	Core Course - IV (CC) <b>Managerial Economics</b>	5	4	3	25	75	100
	Core Course – V (CC) <b>Statistics for Economics</b>	5	4	3	25	75	100
	<b>Human Rights</b>	2	2	3	25	75	100
	Total	30	23				600
II	Core Course – VI (CC) <b>Advanced Micro Economic Analysis-II</b>	6	5	3	25	75	100
	Core Course – VII (CC) <b>Advanced Macro Economic Analysis-II</b>	6	4	3	25	75	100
	Core Course – VIII (CC) <b>Public Economics</b>	5	4	3	25	75	100
	Core Course – IX (CC) <b>Industrial Economics</b>	5	4	3	25	75	100
	Elective Course – I (EC) (One out of Two) <b>Economic of Thoughts of Nobel Laureates</b>	5	4	3	25	75	100
	Open Elective – I <b>Rural Development</b>	3	3	3	25	75	100
	Total	30	24				600

Semester	Course	Hrs	Cr	Exam Hours	Marks		Total
					Int	Ext	
III	Core Course X - (CC) <b>International Economics</b>	6	4	3	25	75	100
	Core Course XI - (CC) <b>Computer Application in Economics</b>	6	4	3	25	75	100
	Core Course XII - (CC) <b>Fundamental Methods of Mathematical Economics</b>	5	4	3	25	75	100
	Core Course XIII – <b>Research Methodology</b>	5	4	3	25	75	100
	Elective Course - II (EC) (One out of Two) <b>Economics of Sustainable Development</b>	5	4	3	25	75	100
	Open Elective - II <b>Economics of Social Issues</b>	3	3	3	25	75	100
	Total	30	23				600
IV	Core Course - XIV (CC) <b>Agricultural Economics</b>	6	4	3	25	75	100
	Core Course - XV (CC) <b>Development Economics</b>	6	4	3	25	75	100
	Core Course - XVI (CC) <b>Environmental Economicspp</b>	6	4	3	25	75	100
	Elective Course - III (EC) (One out of Two) <b>Recent Issues in Indian Economy</b>	6	4	3	25	75	100
	<b>Project Work</b>	6	4				100
	Total	30	20				500
	<b>Grand Total</b>	120	90				2300

## **Programme Outcomes – PG**

At the end of a Post-Graduate programme students of Economics

**PO1: Disciplinary Knowledge:** Capable of demonstrating comprehensive knowledge and understanding of one or more disciplines that form a part of an Postgraduate programme of study.

**PO–2 Personal and Professional Proficiency:**

Develop the theoretical, interdisciplinary training necessary for the understanding the application of Economics, Economic policies, theories of various schools of Economics, sectoral studies covering important issues related to regional, national and International subjects and many others.

**PO–3 Research Proficiency:**

Demonstrate a thirst for advanced learning and research in their domain of interest so as to address economic and social related problems faced by the society and also to encourage the application of knowledge by concentrating on research work and by providing an opportunity to engage in research and giving solution for the society related problem and frame policy and planning for the social welfare.

**PO-4 Entrepreneurial and Social Proficiency:**

Exhibit competent skills to become successful entrepreneurs and leaders who will engage in policy making and apply economic theory to real world issues as well as critically evaluate market economy, public policies and to create huge level of employment opportunities, by creating new products and services, it will stimulate new employment which ultimately resulting in acceleration of economic development and consider the importance of economic growth.

**PO-5 Social ethics and environmental responsibilities:**

Emerge as responsible citizens who engage in activities that promote wellness in the community and environmental sustainability and apply moral and ethical standards on interpersonal and social levels to demonstrate integrity on economic, social, political, cultural and environmental issues.

### **PROGRAMME SPECIFIC OUTCOMES (PSO)**

PSO1: Demonstrate an understanding of complex economics mechanism that characterise modern society and to develop ability to present economic theory and applications in decision making in real life.

PSO2: Analyse and investigate economic theory and issues in the field of economics as well as contemporary socio-economic problems along with formulation and analyses of policy; and to understand how economy is influenced by economic policy and planning, technological advances and demographic conditions.

PSO3: – To adopt the digital advancement in the field to understand complex economic mechanism using statistical tools and packages and to embrace new opportunity in emerging technology and also to develop the ability to explain core economic terms, concepts, and theories including but not limited to the function of market and prices as allocative mechanisms; benefit/cost analysis; market failure and role of state; and other critical areas of economics.

PSO4: – Develop understanding of economic trade-offs and social values, impact public/private socio-economic policy for the achievement of intended outcomes which provide skills to become empowered and forecast outcomes of the policy as an entrepreneur employed in various positions.

PSO5: – Demonstrate the ability to employ the “economic way of thinking.” i.e. the ability to use critical thinking skills within the discipline of economics about economic matters, social and moral ethics and to

Construct systematic model for analysis and make use of knowledge on finance, health, environmental economics to formulate policies for sustainability on community and protective environment.

<b>Semester: I</b> <b>Core</b> <b>Course: I</b>	<b>CC. ADVANCED MICRO ECONOMIC ANALYSIS – I</b>	<b>Credit:5</b> <b>Hours:6</b>
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(From 2022 – 2023 onwards – Semester – I )

## **SUBJECT DESCRIPTION:**

This supportive course is designed to introduce students to key contemporary issues in Micro Economics and equip them with the approaches in economics that are in general applied to analyse Economic Problems and Policies.

**Goals:** To enable the student to understand some of the central aspects of Micro Economic theory.

### **OBJECTIVES:**

To analyse various approaches related to Micro Economics

To gain knowledge to understand Economic Theories and models related to Micro Economics.

### **CONTENT:**

#### **UNIT – I CONSUMER CHOICE – I**

Cardinal and Ordinal Approaches to the theory of Demand – Revealed Preference Approach – Application of Indifference Curves to the theory of Exchange and Index Numbers

#### **UNIT – II. CONSUMERS CHOICE – II**

Hicks's Revision of Demand Theory – Neumann – Morgenstern Theory of Decision-making under uncertainty – Veblen Effect and Bandwagon Effect.

#### **UNIT – III. COST AND PRODUCTION:**

Theory of Production – Concepts of Costs of Production – Production Function – Properties of Linear Homogeneous Function – Cobb-Douglas and CES Production Function – ISO-Quant's Return to Scale.

#### **UNIT – IV. MARKET STRUCTURE – I**

Market Structure: Price-output determination under perfect competition – Monopoly, Monopolistic Competition – Bilateral Monopoly.

#### **UNIT – V MARKET STRUCTURE – II**

Price-output determination under Duopoly and Oligopoly – Objectives of a firm – Sales Maximisation and Profit Maximisation – Welfare, Growth, Utility, satisfaction Principles

## References:

1. Edwin Mansfield, 'Micro Economics', McGraw-Hill Publications, Latest Edition.
2. A. Koutsoyiannis, 'Modern Micro Economics', Macmillan Publications, Latest Edition.
3. H.L. Ahuja, 'Advanced Economic Theory: Micro Economic Analysis', Latest Edition.
4. M.L. Jhinghan, 'Modern Micro Economics', Vrindha Publications, Latest Edition.
5. D. Salvatore, 'Micro Economic Theory', McGraw-Hill Publications, Latest Edition.
- Watson. D. S, Price Theory and its Uses, Houghton Mifflin Company, Latest Edition

## Question Pattern:

Section – A (10x2=20) Two Questions each from of the Five Units

Section – B (5x5=25) Either or type pattern's set question from each of Five Units

Section – C (3x10=30) Three questions out of five Questions; a question from each of the five Units.

## **Text Books (In API Style)**

1. Koutsoyiannis, A. (1979), Modern Microeconomics, (2nd Edition), Macmillan, Press, London.
2. Varian, H. (2000), Microeconomic Analysis, W.W. Norton, New York.
3. Baumol, W.J. (1982), Economic Theory and Operations Analysis, Prentice Hall
4. Salvatore, Dominick (1991), Micro Economic Theory, 3rd Edition, McGraw Hill, New Delhi.

## **Supplementary Readings**

1. Kreps, David M. (1990), A Course in Microeconomic Theory, Princeton, University Press, Princeton.
2. Layard, P.R.G. and A.W. Walters (1978), Microeconomic Theory, McGraw, University Press, Princeton
3. Sen, A. (1999), Microeconomics : Theory and Applications, Oxford University Press, New Delhi.
4. Hirshleifer, J. and A. Glazer (1997), Price Theory and Applications, Prentice, Hall of India, New Delhi.
5. Da Costa, G.C. (1980), Production, Prices and Distribution, Tata McGraw Hill

## **Course Outcomes: After studying this course the students will be able to:**

- 1: Provides the basic theoretical foundation of the Micro Economic Analysis..
- 2: Gain knowledge with the various aspects of managerial enterprises and its concepts.
- 3: Understand the Theories of Distribution in Micro Economic perspectives.
- 4: Provides a nutshell of Welfare Economics and its related concepts.
- 5: Differentiate between general and partial equilibrium with its components.

## **Outcome Mapping**

CO/PO	PO1	PO2	PO3	PO4	P5
CO1	2	3	3	3	3
CO2	3	3	2	3	3
CO3	3	2	2	2	3
CO4	3	3	3	2	3
CO5	3	3	3	3	3

<b>Semester: I</b> <b>Core</b> <b>Course: II</b>	<b>CC. ADVANCED MACRO ECONOMIC ANALYSIS – I</b>	<b>Credit:4</b> <b>Hours:6</b>
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**(From 2022 – 2023 onwards)**

**SUBJECT DESCRIPTION:**

This course is designed to introduce students to key contemporary issues in Macro Economics and equip them with the approaches in economics that are in general applied to analyse Economic Problems and Policies.

**Goals:** To enable the student to understand some of the central aspects of Macro Economic Theory.

**OBJECTIVES:**

- 1.To analyse various approaches related to Macro Economics
- 2.To gain knowledge to understand Economic Theories and Models related to Macro Economics.

**CONTENT:**

**UNIT-I - Keynesian Macro Economics:**

Basic concepts: Stock and Flow – Static, Dynamic and Comparative Static – Classical Theory of Employment – Criticisms – Keynes theory of Underemployment Equilibrium.

**UNIT – II - Consumption Function:**

Keynesian Consumption function – concepts – Determinants of Consumption function: objectives and subjective factors – Measures to raise Consumption.

**UNIT – III - Investment Function:**

Meaning and types of Investment – Determinants of Investment – Marginal Efficiency of investment – Multiplier – Balanced Budget Multiplier – Principles of Acceleration.

**UNIT – IV - Business Cycle:**

Meaning and phases of Business Cycle – Theories of Business Cycle – Samuelson's Model – Hicks's Model – Kaldor's Model – Policy measures to control Business cycle

**UNIT – V – General Equilibrium Analysis:**

Equilibrium of the produce Market – IS – Curve – Equilibrium of the Money Market – LM – Curve. Three Ranges: Classical, Intermediary and Keynesian Range – General Equilibrium – Uses and limitations of the IS-LM Model

**References:**

1. M.L. Jhinghan Macro Economic Theory, Latest Edition
2. H.L. Ahuj Macro Economics: Theory and policy, Latest Edition
3. P.N. Chopra Macro Economics. Latest Edition
4. Richard T. Froyen, 'Macro Economics', Pearson Education, Latest Edition.
5. Edward Shapiro, 'Macro Economics', Macmillan Publications, Latest Edition.
6. M.L. Jhinghan, Macro Economic Theory, Vrindha Publications, Latest edition.
7. H.L. Ahuja, Macro Economics: Theory and Policy, Latest edition,
8. D.N. Dwivedi, Macro Economics, Tata Mcgraw-Hill, Latest edition.
9. R.D. Gupta, Keynesian and Post Keynesian Economics.

**Supplementary Readings**

1. Dornbusch, Rudiger, Stanley Fischer, and Richard Startz, (2000), Macroeconomics, TataMcgraw-Hill Publishing Company, New Delhi.
2. Roger E.A. Farmer, (2002), Macro Economics, Thomson Asia Pvt. Ltd. Singapore.
3. R T Froyen (2008), Macroeconomics, Theory and policies, Prentice Hall.
4. Errol D'Souza (2012), Macroeconomics, Pearson Publication, New Delhi.
5. Mihir Rakshit (2007), Money and Finance in the Indian Economy, OUP, New Delhi, India

**Course Outcomes: After studying this course the students will be able to:**

1. The student will be able to get awareness about basic concepts and National Income Components.
2. The student will be able to knowing about Classical Theory of Employment and Output.
3. The student will be able to knowing about Theories of Consumption Function.
4. The student will be able to knowing about Investment Function and its empirical evidence.
5. The student will be able to understand the General Equilibrium Models and Policies.

**Outcome Mapping**

CO/PO	PO1	PO2	PO3	PO4	P5
CO1	2	3	3	3	3
CO2	3	3	2	3	3
CO3	3	2	2	2	3
CO4	3	3	3	2	3
CO5	3	3	3	3	3



<b>Semester: I</b> <b>Core Course: III</b>	<b>MONETARY ECONOMICS</b>	<b>Credit:6</b> <b>Hours:4</b>
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**(From 2022 – 2023 onwards)**

## **Objectives**

- 1.To understand the Concepts of Monetary Economics.
- 2.To know about the Theories of Demand for and Supply of Money.
- 3.To acquire knowledge on Keynesian and Post- Keynesian Theories.
- 4.To get know the functions of Financial Market in India.
- 5.To acquire the knowledge about the Monetary Policy in the Economy.

## **Unit : I: Introduction**

Introduction: Monetary Economics - Concepts–Characteristics – Scope and Significance; Money: Evolutions; Forms and Functions.

## **Unit: II: Money Supply and Demand**

Demand for Money and Supply of Money: Money Supply: Concepts – Determinants – High Powered Money; Money Multiplier; Commercial Banks and Credit Creation – Demand for Money: Classical Approach and Neo-Classical Approach –Critical Evaluations.

## **Unit :III: Keynesian and Post- Keynesian Theories**

Keynesian Reformulation Quantity Theory- Friedman's Restatement of Quantity Theory- Baumol Transaction Demand Theory- Tobin Portfolio Balance Theory- Don Patinkin's Integration of Monetary Theory and Value Theory-Real Balance Effect.

## **Unit: IV: Financial Market**

*Nature and Functions – Components*; Non-Banking Financial Intermediaries and Economic Development - Gurley and Shaw Thesis; Financial Reforms-Money Market and Capital Market: Features – Components- Instruments and Reforms

## **Unit:V: Monetary Management**

Monetary Policy: Objectives, *Role* and Techniques - Effectiveness and Limitations - Lags in Monetary Policy - Monetary Policy in India since Independence; *Inflation– Covid-19 Implications of Monetary Policy in*

## **Books for Study:**

1. **Biswanath Ghosh& Rama Ghosh.** (2000), Fundamentals of Monetary Economics, Himalaya Publishing House Pvt., Ltd., Mumbai.

2. **Jhingan, M L**, (2012), Monetary Economics, Vrinda Publications (P) Ltd., Delhi, 7th Edn. Reprint.
3. **Muraleedharan.D** (2014), Modern Banking: Theory and Practice PHI Learning Publications, New Delhi.
4. **Suraj Gupta**, (2019), Monetary Economics, S.Chand and Company Ltd, New Delhi.
5. **Vaish, M.C**, (2010), Monetary Theory, Vikas Publishing House Pvt. Ltd., New Delhi, 16<sup>th</sup> Edn.

#### **References:**

1. **Gupta R.D.** (2009), Keynes and Post-Keynesian Economics, Vishal Publishing Co., Delhi.
2. **Mithani D.M.** (2006), Money, Banking, International Trade and Public Finance, Himalaya Publishing House, Bombay.
3. **Nadar E.N.** (2013), Money and Banking, PHI Learning Publications, New Delhi.
4. **Narendra Jadhav.** (1994), Monetary Economics for India, MacMillan India Ltd., Madras.
5. **Paul R.K.** (2017), Monetary Economics, Kalyani, New Delhi.

#### **Course Outcomes:**

After completion of this course, the students will be able to

- Understand the Concepts of Money Supply
- Apply the knowledge on the Monetary Theories
- Assess the Role and Policies of Banking in India
- Employ the Concepts of Money and Capital Markets
- Critically Evaluate the Monetary Policy in India
- **Supplementary Readings**
- 1. Gupta, R.D. (1995), Keynes and Post Keynesian Economics [Kalyani Publishers, New Delhi].
- 2. Basil J. Moore (1965), An Introduction to the Theory of Finance [Oxford University Press].
- 3. Basu, S.K. (1975), Recent Banking Development [Chand and Co., New Delhi].
- 4. Johnson Harry (1957), Essays in Monetary Economics [George Allen Unwin].
- **Course Outcomes: After studying this course the students will be able to:**
- 1: Understand the various functions and classifications of Money.
- 2: Impart knowledge on value of Money and supply of money.

- 3: Study Money standards and Indian Currency system.
- 4: Understand the banking and Non-banking institutions
- 5: Gain knowledge of monetary policy

- **Outcome Mapping**

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CO/PO	PO1	PO2	PO3	PO4	P5
CO1	2	3	3	3	3
CO2	3	3	2	3	3
CO3	3	2	2	2	3
CO4	3	3	3	2	3
CO5	3	3	3	3	3

<b>Semester: I</b> <b>Core Course: IV</b>	<b>MANAGERIAL ECONOMICS</b>	<b>Credit:4</b> <b>Hours.5</b>
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**(From 2022 – 2023 onwards)**

**Subject Description:**

This Subject aims at providing knowledge on basic Economic Principles, as well as applied skills to enable the students to acquire Managerial Decision Making and skills.

**Goals:**

This paper intends to give the students a good understanding of the Economic Theory and applying it in Business decisions.

**Objectives:**

1. To gain knowledge in basic Economic Theories, Concepts and Models
2. To gain sound knowledge to apply Economic Theories and Models to execute Managerial Functions.

**Contents:**

**UNIT – I .FUNDAMENTALS:**

Definition-Nature and Scope of Managerial Economics-Significance of Demand Analysis in Managerial Economics-Demand Forecasting-Forecasting Demand for new products.

**UNIT – II.PRICING STRATEGIES:**

Pricing Techniques and practices-Marginal and Average Cost Pricing-Cost plus Pricing-Target pricing-Going Rate pricing—Loss Leader Pricing-Peak Loading Pricing-Price Discrimination.

**UNIT – III.PROFIT ANALYSIS:**

Profit: Measurement of Profit- Profit Planning-Break-Even Analysis-Profit Forecasting

**UNIT – IV.CAPITAL BUDGETING:**

Capital Budgeting- Cost of Capital-Different Methods of Appraising Project Profitability-.CBA-SCBA- Cost minimisation analysis

**UNIT – V.INVESTMENT APPRAISAL:**

The Investment selection process-Estimating cash flows-Evaluating Investment: (a) Payback Method (b) Net Present Value Method – The Cost of Capital: (a) Dividend valuation Model (b) Capital-Asset Pricing Model. IRR

**References:**

- 1.Varshney and Maheshwari Managerial Economics, Latest Edition
- 2.P.L. Mehtha, Managerial Economics, Latest Edition
- 3.Athmanand.R., Managerial Economics, Excel, New Delhi,
- 4.P.L.Mehta, Managerial Economics, New Delhi, Latest Edition
- 5.Peterson Lewis, Managerial Economics, Prentice Hall of India, New Delhi, Latest Edition
- 6.Mark Hirschey, Managerial Economics, 10th edition, Latest Latest Edition

**Supplementary Readings**

- 1 Watson (1975) Price Theory and its uses, (Scientific Book Company, Calcutta)
- 2 The New Managerial Economics (Indian Adaptation Edition) by William Boyes (New Delhi Biztantra, 2006)

**Course Outcomes After studying this course the students will be able to:**

- 1 Understanding the managerial basic concepts
- 2 To inculcate the demand and supply concepts
- 3 Familiarize the price determinations and policies related concepts
- 4 To Study the cost, investment and decision concepts
- 5 To inculcate capital budgeting and profit making methods

**Outcome Mapping**

CO/PO	PO1	PO2	PO3	PO4	P5
CO1	2	3	3	3	3
CO2	3	3	2	3	3
CO3	3	3	3	3	2
CO4	3	3	2	3	3
CO5	3	3	2	3	3

<b>Semester: I</b> <b>Core Course:v</b>	<b>STATISTICS FOR ECONOMICS</b>	<b>Credit:4</b> <b>Hours:5</b>
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**(From 2022 – 2023 onwards)**

**Subject Description:**

This course is designed to introduce the basic principles and methods of quantitative and qualitative research for conducting the empirical research and Statistical Methods.

**Goals:**

This course will emphasis on research process includes problem identification, Conceptualisation of research questions, Sampling, Design, Measurement, Data Collection, Analysis and Dissemination of findings with Economic Statistical Methods.

**Objectives:**

- 1.To study about Statistical Methods.
- 2.To apply Statistical Methods in Economic Research.
3. To utilise the Statistical Tools in Economic Analysis.

**Contents:**

**UNIT-I. INTRODUCTION:**

Nature of Scope of Statistical Methods in Economics – Measures of CentralTendency: Mean, Median, and Mode – Measures of Dispersion, Deviation and Coefficient of Variation – Skewness - Karl Pearson’s and Bowley’s Co-efficient

**UNIT – II.PROBABILITY ANALYSIS:**

Introduction to Probability Addition and Multiplication Rules – Random Variables and Probability Distribution – Properties of Binomial Poisson and Normal Sampling- Simple Random – Stratified random and Cluster Sampling (Theory Only) – Definition of Chi-Square, T and F statistics – Their uses.

**UNIT – III.ESTIMATION:**

Point Estimation, Interval Estimation (Concept only) – Properties of Point Estimation – Test of Significance – Test for Mean, Difference between Two Sample Variance.

**UNIT – IV.CORRELATION:**

Correlation – Karl Pearson’s Co-efficient of Correlation – Rank Correlation – Fitting regression line by the method of least squares ( Concepts Only), Partial and Multiple Regression.

**UNIT – V.ASSOCIATION OF ATTRIBUTES:**

Association of Attributes – Difference between Correlation and Association – Association and Disassociation – Method of finding Association: Expected Frequencies Method, Proportion Method – Yule’s Coefficient of Association Contingency tables (2x2 and 3x2 tables only) – Co-efficient of Contingency using Chi-squares.

### References:

- 1.Gupta, S.P                      Statistical Methods  
2.Nagar and Das, A.L.        Basic Statistics.

## Supplementary Readings

- 1 Richard I. Levin, David S. Rubin (2010), —Statistics for management, Oxford University Press, London.
2. Goon Gupta and Das Gupta (1986), —Fundamentals of Statistics, The world press, New Delhi.
3. Mary C. Meyer (2019), — Probability and Mathematical Statistics – Theory, Applications and Practices, SIAM Publishers, New York

**Course Outcomes: After studying this course the students will be able to:**

- 1: Provides some knowledge in statistical methods and its related concepts and formulas.
- 2: Motivate an intrinsic interest in statistical thinking and its applications.
- 3: Instill in the belief that statistics is important for scientific research.
- 4: Provides a foundation and motivation for exposure to statistical ideas subsequent to the course.
- 5: Demonstrate the ability to apply fundamental concepts and exploratory data analysis

### Outcome Mapping:

CO/PO	PO1	PO2	PO3	PO4	P5
CO1	2	3	3	3	3
CO2	3	3	2	3	3
CO3	3	2	2	2	3
CO4	3	3	3	2	3
CO5	3	3	3	3	3

<b>SEMESTER: I</b> <b>PART: Compulsory Course</b>	<b>Human Rights</b>	<b>CREDIT: 2</b> <b>HOURS: 2</b>
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**(From 2022 – 2023 onwards)**

## **Course Objectives**

1. To know the rights of all Human Beings.
2. The role of UN and multi nation in protecting and promoting awareness of Human Rights
3. To compare the development of regional protection of Human Rights
4. The Indian perspective of protection of Human Rights under the Constitution of India
5. To mind the human redressal mechanisms of human rights and practiced in India.

## **Unit I : Unit Title Human rights Introduction**

Human Rights: Meaning, Definition, Nature, Content- Legitimacy of Human Rights: Origin and Development of Human Rights- Theories – Principles of Magna Carta – Modern Movem ents of Human Rights – The Future of Human Rights.

## **Unit II: Unit Title: The International Perspective human rights**

Human Right concepts Prior and post-World War-II– International Covenant on Civil and Political Rights (ICCPR) – International Covenant on Economic, Social and Cultural Rights (ICESCR)- Optional Protocols- Human Right Declarations – Role of United Nation Commissions – Convention on the Elimination of All forms of Discrimination against women (CEDAW) – United Nations Convention against Torture (UNCAT) –United Nations Convention on the Rights of the Child (CRC or UNCRC) - Conventions on the Protection of the Rights of Migrant Workers and Disabled.

## **Unit III: Unit Title: Regional Human Rights**

European Human Rights System- African Human Rights System – Enforceability before Domestic Courts – UNO – Universal Declaration of Human Rights (UDHR)

## **Unit IV: Unit Title Human Rights in India-**

The Constitution of India – Fundamental Rights – Right to Life and Liberty – Directive Principles of State Policy – Fundamental Duties – Individual and Group Rights – Other facets of Human Rights – Measures for Protection of Human Rights in India.

## **Unit V: Unit Title: Human Rights Violations and Redressal Mechanism**



Human Rights – Infringement of Human Right by State Machinery and by Individual – Remedies for State action and inaction – Constitutional remedies – Public Interest Litigation (PIL) - Protection of Human Rights Act, 1993 – National Human Rights Commission – State Human Rights Commissions – Constitution of Human Right Courts

### **Text Books (In API Style)**

- 1.Human Rights Lalit Parmar, Anmol Publications Pvt. Limited, 1998 Human Rights In International Relations, David P. Forsythe, Cambridge University Press□
- 2.Alston, Philip, and Frederic Megret, Eds. The United Nations and Human Rights: A Critical Appraisal. Second Edition. Oxford University Press, 2014
- 3.Bassiouni, M. Cherif, And William A. Schabas, Eds. New Challenges For The UN Human Rights Machinery: What Future For The UN Treaty Body System And The
- 4.Human Rights Council Procedures? Intersentia, 2011
- 5.Kruckenbergl, Lena J. The Unreal World Of Human Rights: An Ethnography Of The UN Committee On The Elimination Of Racial Discrimination. Nomos Publishers, 2012.

### **Supplementary Readings**

#### Supplementary Readings

- 1.Protection of Human Rights Act, 1993
- 2.Constitutional Law of India (3 Volumes) by Seervai H.M 2015
- 3.The Human Rights Watch Global Report on Women’s Human Rights 2000 Oxford Publication
4. RS Sharma Perspectives In Human Rights Development  
Julies Stone Human Law And Human Justice 2000 Universal Publication
- 5.Research Handbook On International Human Rights Law, Edited By Sarah Joseph & Edited By Sarah Joseph, Edward Elgar Publishing Limited USA

### **Supplementary Readings**

#### Supplementary Readings

- 1.Protection of Human Rights Act, 1993
- 2.Constitutional Law of India (3 Volumes) by Seervai H.M 2015
- 3.The Human Rights Watch Global Report on Women’s Human Rights 2000 Oxford Publication
4. RS Sharma Perspectives In Human Rights Development  
Julies Stone Human Law And Human Justice 2000 Universal Publication
- 5.Research Handbook On International Human Rights Law, Edited By Sarah Joseph & Edited By Sarah Joseph, Edward Elgar Publishing Limited USA

### **Course Outcomes: After studying this course the students will be able to:**

1. Students able to know the basic of human rights
2. Students able to compare enforcements and treaty of human rights among the countries.
3. Students able to study the regional developments of human rights in Europe, Africa and Asia
4. The student able to possess the knowledge of human rights India under the constitution.
5. The students will know redressal mechanism made available in case of human rights violation confined to India

**Outcome Mapping:**

CO/PO	PO1	PO2	PO3	PO4	P5
CO1	2	3	3	3	3
CO2	3	3	2	3	3
CO3	3	2	2	2	3
CO4	3	3	3	2	3
CO5	3	3	3	3	3

<b>Semester: II</b> <b>Core Course:6</b>	<b>ADVANCED MICRO ECONOMIC ANALYSIS – II</b>	<b>Credit:6</b> <b>Hours: 5</b>
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**(From 2022 – 2023 onwards)**

**Subject Description:**

This Course aims to gain strong fundamentals of Micro Economics, theories, policies, and models in a historical prospective. And also to know the concepts and measurements of Economic welfare and various expert ideas

**Goals:**

The paper examines the basic principles underlying the functioning of an economy and analysis general market conditions.

**Objectives:**

- 1.To analyse the theory of distribution
- 2.To analyse general equilibrium analysis in Micro Economics.
- 3.To understand the reasons for Market failures.

**Contents:**

**UNIT-I - Distribution Theories:**

Functional Vs Personal distribution – Marginal Productivity Theory of Distribution – Clark, Marshall and Hicks versions of Marginal Productivity Theory – Product Exhaustion Theorem.

**UNIT – II Alternative Theories of Factor Shares:**

Theories of Rent: Ricardo- Modern theory-Theories of Wages: Classical Theory – Modern Theory- Theories of Interest: Classical – Keynesian-Modern Theories of Profit.

**UNIT – III.General Equilibrium Analysis:**

General Equilibrium Analysis-Partial Equilibrium – Walrasian General Equilibrium Model 2x2x2 graphical General Equilibrium Model – Edge worth Box Diagram

**UNIT – IV.Welfare Economics:**

Concept and Measurement of Economic welfare- Pigouvian Welfare Economics-Pareto's Welfare Economics-Pareto's Optimality condition under Perfect Competition – Compensation Criteria – Social welfare Functions

**UNIT – V – Economics of Information:**

Informational asymmetry-Market of lemons-Adverse Selection-Insurance Market and Adverse Selection-Solution to principal Agent Problems-Hidden action (Moral Hazard) – Signalling and Screening

**References:**

1. Edwin Mansfield                      Micro Economics – Latest Edition
2. Koutsoyiannis                        Modern Micro Economic
3. H.L. Ahuja                            Advanced Economic Theory
4. M.L. Jhingan                        Modern Micro Economics – Latest Edition

**Supplementary Readings**

1. Kreps, David M. (1990), A Course in Microeconomic Theory, Princeton, University Press, Princeton.
2. Layard, P.R.G. and A.W. Walters (1978), Microeconomic Theory, McGraw, University Press, Princeton
3. Sen, A. (1999), Microeconomics : Theory and Applications, Oxford University Press, New Delhi.
4. Hirshleifer, J. and A. Glazer (1997), Price Theory and Applications, Prentice, Hall of India, New Delhi.
5. Da Costa, G.C. (1980), Production, Prices and Distribution, Tata McGraw Hill

**Course Outcomes: After studying this course the students will be able to:**

- 1: Provides the basic theoretical foundation of the Micro Economic Analysis..
- 2: Gain knowledge with the various aspects of managerial enterprises and its concepts.
- 3: Understand the Theories of Distribution in Micro Economic perspectives.
- 4: Provides a nutshell of Welfare Economics and its related concepts.
- 5: Differentiate between general and partial equilibrium with its components.

**Outcome Mapping**

CO/PO	PO1	PO2	PO3	PO4	P5
CO1	2	3	3	3	3
CO2	3	3	2	3	3
CO3	3	2	2	2	3
CO4	3	3	3	2	3
CO5	3	3	3	3	3

<b>Semester: II</b> <b>Core</b> <b>Course: VII</b>	<b>ADVANCED MACRO ECONOMIC ANALYSIS – II</b>	<b>Credit:6</b> <b>Hours: 4</b>
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**(From 2022 – 2023 onwards)**

**Subject Description:**

This Course aims to gain strong fundamentals of Macro Economics, theories, policies, and models in a historical prospective.

**Goals:**

The paper examines the basic principles underlying the functioning of an economy and deals with the determination of major Macro Economic aggregates.

**Objectives:**

- 1.To introduce the sectoral flow of national income, its accounting and factors influencing income at current and constant prices.
- 2.To understand the role of expectation uncertainty and the relationship between inflation and employment.

**Contents:**

**UNIT-I. Money Supply:**

Supply of Money-Central Bank and High Powered Money-Commercial Banks and Credit Creation-Determinants of Money Supply- Money Multiplier

**UNIT – II. Demand for Money:**

Demand for Money-Theory of Money Demand before Keynes-Keynes's Theory of demand for Money-Post-Keynesian Theories: Tobin-Baumal, Milton Friedman –Real Balance Effect.

**UNIT – III Financial Intermediaries:**

Financial Intermediation by non-banking Financial Institution-Radcliff Committee-Tobin, Gurley and Shaw on the role and regulation of non-banking Financial Institution in India-Control by RBI – Non-banking financial Institutions Vs Commercial Banks.

**UNIT – IV Inflation and Deflation:**

Inflation: Demand Pull and Cost Push Theories- Inflation and unemployment- PhilipsCurve-Shorty run and long run- Deflation and Stagflation.

**UNIT – V – Macro Economic Policy:**

Objectives and techniques of Macro Economic Policy-Policy Implementation- Tools and problems of Monetary Policy- Monetarism Vs Keynesianism-Supply side Economics

**References:**

- |                   |                         |
|-------------------|-------------------------|
| 1.M.L. Jhinghan,  | Macro Economics, Latest |
| 2.H.L. Ahuja,     | Macro Economics, Latest |
| 3.P.N. Chopra     | Macro Economics, Latest |
| 4.Edward Shapiro  | Macro Economics, Latest |
| 5.L.G. Reynpolds, | Macro Economics, Latest |

**Course Outcomes: After studying this course the students will be able to:**

- 1: Provides the basic theoretical foundation of the Macro Economic Analysis..
- 2: Gain knowledge with the various aspects of managerial enterprises and its concepts.
- 3: Understand the Theories of Distribution in Macro Economic perspectives.
- 4: Provides a nutshell of Welfare Economics and its related concepts.
- 5: Differentiate between micro and macro economic analysis

**Outcome Mapping**

CO/PO	PO1	PO2	PO3	PO4	P5
CO1	2	3	3	3	3
CO2	3	3	2	3	3
CO3	3	2	2	2	3
CO4	3	3	3	2	3
CO5	3	3	3	3	3

<b>Semester: II</b> <b>Core Course: VIII</b>	<b>PUBLIC ECONOMICS</b>	<b>Credit:4</b> <b>Hours:5</b>
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**(From 2022 – 2023 onwards)**

**Subject Description:**

This subject is primarily aimed at introducing principles of Public Finance, role of different Governments, Public Expenditure, taxation, budget, and Fiscal policy with reference to India.

**Goals:**

To give exposure to the student, the role and the function of the government in a Modern Econom

**\Objectives:**

1. To gain sound knowledge on the principles of Public Finance
2. To understand roles of governments
3. To provide a strong knowledge based on Indian Public Finance

**Contents:**

**UNIT – I .INTRODUCTION:**

Theory of Public Finance-Allocation, Distribution, Stabilisation,Coordination-Conflict of functions-Theory of Social Goods-Market Failure-Public Goods, Mixed Goods-Theory of Public Choice- Concept of Externalities.

**UNIT – II.PUBLIC EXPENDITURE:**

Public Expenditure: Structures, Growth and controlling measures – Theories of Public Expenditure – Wagner’s Law and Wiseman – Peacock Hypothesis – Appraisal.

**UNIT-III.PUBIC REVENUE:**

Public Revenue: Sources of Public revenue – Tax and Non Tax- Structures-Principles of Taxation-New Theory of Incidence-Effects on Efficiency, Capacity and output – Public Debt: Concept-Sources-Trends-Methods of redemptions

**UNIT – IV.FISCAL POLICY:**

Fiscal Policy: Definition-Objectives and tools - Balancing, Compensatory and Dynamic Goals – Fiscal Policy in India- Functional Finance-Deficit Financing for Development.

**UNIT – V.FISCAL FEDERALISM:**

Centre-State Financial relations – Principles - Balancing Factors-Finance Commission: 14<sup>th</sup> and 15<sup>th</sup> Commissions - Problems–Evaluation-Local Finance

**References:**

1. Musgrave and B. Musgrave, Public Finance: Theory and Policy, Latest Edition
2. B.P. Tyagi, Public Finance – Latest Edition
3. Herber. Modern Public Finance.

**Supplementary Reading:**

1. Sutikshan Chaturvedi (2018), —Public Economics, GPH Publishers, New Delhi.
2. Janak Raj Gupta (2011), —Public Economics in India, Atlantic Publications, New Delhi.
3. Om Prakash (2012), —Public Economics - Theory and Practice, VPC Futures of Winners Publications, New Delhi.
4. Charles Francis Bastable (2012), —Public Finance, McMillan Publication, New Delhi.
5. Martin Feldstein, A.J. Auerbach (2002), —Hand Book of Public Economics, North-Holland Publications, New York..
6. Kenneth Joseph Arrow (2012), — Social Choice and Individual Value, John Wiley & Sons, New York

**Course Outcomes: After studying this course the students will be able to:**

- 1: Impart to the understanding of the role and functions of government in modern economy.
- 2: Gain knowledge on the nature and theories of Public Goods and its related concepts.
- 3: Familiarize with the various aspects of the theory of Public Choice and its concepts.
- 4: Explain the recent trends in Taxation and Budgetary Policies in India.
- 5: Investigate the role of public sector in the economic arena

**Outcome Mapping**

CO/PO	PO1	PO2	PO3	PO4	P5
CO1	2	3	3	3	3
CO2	3	3	2	3	3
CO3	3	2	2	2	3
CO4	3	3	3	2	3
CO5	3	3	3	3	3



<b>Semester: II</b> <b>Core Course:IX</b>	<b>INDUSTRIAL ECONOMICS</b>	<b>Credit:4</b> <b>Hours:5</b>
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**(From 2022 – 2023 onwards)**

**Subject Description:**

This paper deals with the basic concepts of Industrial Productivity, various Productivity Measurements, and Theory of Production.

**Goals:**

This course aims at providing an in-depth knowledge on the need, significance, Measurement and use of various Industrial Productivity Concepts.

**Objectives:**

- 1.To introduce various concepts of Industrial Productivity.
- 2.To enable the students to measure productivity numerically using mathematical and Econometric Techniques.

**Contents:**

**UNIT-I. INDUSTRIALISATION:**

Introduction: Industrialisation, concept, problems, Government policy \_ Industry and Economic Development – Industry and Sectoral linkages – Industrial Classification – Factors affecting Industrialisation and promoting Industrialisation.

**UNIT – II.INDUSTRIAL LOCATION:**

Location and Dispersion – Theories of location: Alfred Weber – Florence Theories – Diversification – Integration and merger of Industrial units and problems of Regional Imbalances.

**UNIT – III.INDUSTRIAL DEVELOPMENT AND POLICY:**

Industrial Development in India – Industrial Structure at the time of Independence – Industrial Policy – New Industrial Policy and Economic Reforms.

**UNIT – IV.INDUSTRIAL LABOUR:**

Industrial Labour: Structure of Industrial Labour – Industrial Legislation – Social Security Measures – Wages and problems of Bonus – Industrial Disputes – Industrial Relations.

**UNIT – V.INDIAN INDUSTRIES:**

Indian Industries: Introduction, Types of Industries – Industry and Globalisation – Financial Support: Financial Institutions – Indian Industries and Economic Development – Role of Industries – MNCs and their role.-TNCS-PPP/PPM-Sickness Industries

**References:**

- |                           |   |
|---------------------------|---|
| 1. Bharathval             | Industrial Economics: An Introductory Text. |
| 2. Desai                  | Industrial Economy of India                 |
| 3. Kuchal, S.C.           | The Industrial Economy of India             |
| 4. Sivayya and V.B.M Dass | The Industrial Economy.                     |

**Supplementary Readings:**

1. Barthwal, R.R (2012), —Industrial Economics,|| Wiley Eastern Ltd., New Delhi.
2. Kuchhal S.C (2011), —Industrial Economy of India,|| 5th Edition, Chaitanya Publishing House, Allahabad.
3. Divine P.J & R.M. Joneset AI (1976), —An Introduction to Industrial Economics, George Alen and Union Ltd., London

**Course Outcomes: After studying this course the students will be able to:**

1. Provides knowledge on Productivity, Efficiency of Capacity Utilization in Industries
2. Provides an introduction to current theory and empirical works in Industrial Economics.
3. Analyze the Industrial location, Policy, Planning and Development.
4. Provides an introduction to the field of Industrial Organization and its related Concepts
5. Study the analytical Framework of Industrial Organization and its significant.

**Outcome Mapping:**

CO/PO	PO1	PO2	PO3	PO4	P5
CO1	2	3	3	3	3
CO2	3	3	2	3	3
CO3	3	2	2	2	3
CO4	3	3	3	2	3
CO5	3	3	3	3	3

<b>Semester: II</b> <b>Elective Course: I</b>	<b>ECONOMIC THOUGHT OF NOBEL LAUREATES</b>	<b>Credit: 4</b> <b>Hours: 5</b>
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**(From 2022 – 2023 onwards)**

### **Course Objectives:**

The objectives of this theory attempts to provide the rationale behind public decisions. This involves the participation of the general public, elected officials, political committees, along with the bureaucracy that is set up by society. The students to know the various economic thought of Laureates

### **UNIT: I UNIT TITLE: THEORIES OF ECONOMICS**

Welfare Economics John Hicks; Kenneth Arrow; ; Amertya K Sen -James Meade; Robert Mundell; Paul Krugman; Gerard Debreu; Richard Stone

### **UNIT: II UNIT TITLE: THEORY OF MONEY**

Theory of Money, Economic Fluctuations and Policy Gunnar Myrdal; Friedrich Hayek; Milton Friedman; Edward C Prescott; Edmund Phelps- Economic Organizations, Game Theory and Decision

### **UNIT: III UNIT TITLE: : TOOLS IN ECONOMICS**

Tools in Economics and Mechanism Design Theory Ragnar Frisch; John Tinbergen; Paul Samuelson; Wassily Leontief Eric Maskin; Roger Myerson- Institutional Change, Development and Growth Simon Kuznets; Theodore Schultz; Arthur Lewis; Robert Solow; Robert Fogel; Douglass North

### **UNIT-IV: UNIT TITLE: MARKETS AND EFFICIENT UTILIZATION**

Markets with Asymmetric Information; Markets and Efficient Utilization of Resources George Akerlof; Michael Spence; Joseph E Stiglitz; James Mirrlees; William Vickrey; Maurice Allais

### **UNIT- V UNIT TITLE: MARKET INSTRUMENTS**

Financial Markets and Instruments James Tobin; Franco Modigliani; Harry Markowitz; Behavioural Economics -; Gary Becker Richard Theory - Economics of Governance; Common Property Rights and Public Regulations Elinor Ostrom; Oliver Williamson; George Stigler; Ronald Coase

### Text Books (In API Style)

- 1.A History Of Economic Thought, V. Lokanathan, SChand Publications
- 2.History of Economic Thought, Author : [Dr H L Bhatia](#), mprint : Vikas Publishing
- 3.[The Nobel Book of Answers | Book by Various, Bettina Stiekel, Jimmy ...](#)
- 4.[Indian Political Thinkers Modern Indian Political Thought: N. Jayapalan ..](#)
- 5.Lind beck, Assar (ed.) (1992), Nobel lectures in economic Sciences 1969-1980, World Scientific, London
6. Maler, Karl - Goram (ed.) (1992), Nobel lectures in economicSciences 1981-1990, World Scientific, London

### Supplementary Readings

1. Puttaswamaiah (1995), Nobel Economists, Vol.2 1975-85, Indus, Publishing Company, New Delhi.
2. [www.nobelprize.org/prizes/lists/video-prize-lectures-fromlaureates-in-economic-sciences/](http://www.nobelprize.org/prizes/lists/video-prize-lectures-fromlaureates-in-economic-sciences/)

**Course Outcomes:** The objectives of this theory attempts to provide the rationale behind public decisions. This involves the participation of the general public, elected officials, political committees, along with the bureaucracy that is set up by society. The students to know the various economic thought of Laureates

### Outcome Mapping

CO/PO	PO1	PO2	PO3	PO4	P5
CO1	2	3	3	3	3
CO2	3	3	2	3	3
CO3	3	2	2	2	3
CO4	3	3	3	2	3
CO5	3	3	3	3	3

<b>SEMESTER:II</b> <b>PART: Open Elective: I</b>	<b>Rural Development</b>	<b>CREDIT:3</b> <b>HOURS:3</b>
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**(From 2022 – 2023 onwards)**

Course Objective:

- 1.To get an exposure to a new rural area and the socio-economic condition of people
2. To provide knowledge from ancient to modern agricultural practices
3. To face the rural reality during the rural living and learning experience
4. Detailed knowledge on various agri-business activities.

### **Unit-I –Introduction**

Concepts, Pattern of Development - Pattern of Planning- Indicators of rural development - Features of the process of development in different sectors.

### **Unit-II - Development Issues**

Poverty, inequality, unemployment and Regional Disparities- Land - Reform measures – Size of land holding, better utilization of Rural Industrialization - Small scale and Cottage industries – Economic reforms.

### **Unit-III - Institutional and Organizational Changes**

Panchayat Raj and Co-operatives- NGO's and People participation – Self Help Groups- Social and Welfare Organization

### **Unit-IV - Administration and Training Process**

Development of Administrative set up – DRDA - SIRD – BDO- Development of adequate Community leadership- Rural Development Programmes Implementation, Monitoring and Evaluation.

### **Unit-V – Planning and Policy-**

Rural Health Care Policy- Technology Development Policy- Conservation, Promotion of environment and Integrated development-MGNR-GA

#### **Text Books (API Style)**

1. R.P Misra and K.V Sundaram (1999), Rural Area Development: Perspective and Approaches (S.Chand and Co New Delhi)
2. Y.B. Mathur (1998), Rural Development in India: 1885 - 1995 (Sage Publications, New Delhi).
3. Katar Singh (2000), Rural Development Principles, Policies and Management (Sage Publications, New Delhi).
4. P.R. Dubhasi (1999), Policy and Performance, Agricultural and Rural Development in Post Independence India.

5. Shriram Maheswari( 2000 ), Rural Development in India (Sage Publications, New Delhi).
6. E.D.Setty( 1998 ), Rural Development Problem and Prospects (Darya Ganj, New Delhi).

**Supplementary Readings/Suggested Readings:**

- 1.Narula, U. (2010). Dynamics of Indian Rural Economy: Growth Perspective, Atlantic Publishers New Delhi.
- 2.Parthasarathy, G. (2003). Economic Reforms and Rural Development in India. Academic Foundation.
- 3.Reddy, K. V. (2012). Agriculture and Rural Development, Himalaya Publishing House.
4. Schaeffer, P.V. and Loveridge, S. (2000). Small Town and Rural Economic Development: A case studies Approach, Praeger Publisher
5. Singh, B.M. and Namboodiri, KVN (2007). Unleashing Rural Entrepreneurship, ICFAI University Press, Hyderabad.
6. Singh, K. (2009). Rural Development: Principles, Policies and Management, Sage Pub (Choose 1 out of 3 in each semester)

Course Outcomes: After studying this course the students will be able to:

- 1: Learn about transformation in rural development,
- 2: Appraise the development of rural Issues
- 3: Assess Institutional and organization for rural development,
- 4: Know the role played by rural innovations in transforming rural societies.
- 5: Understand the rural development process& planning

**Supplementary Readings/Suggested Readings:**

- 1.Narula, U. (2010). Dynamics of Indian Rural Economy: Growth Perspective, Atlantic Publishers New Delhi.
- 2.Parthasarathy, G. (2003). Economic Reforms and Rural Development in India. Academic Foundation.
- 3.Reddy, K. V. (2012). Agriculture and Rural Development, Himalaya Publishing House.
4. Schaeffer, P.V. and Loveridge, S. (2000). Small Town and Rural Economic Development: A case studies Approach, Praeger Publisher
5. Singh, B.M. and Namboodiri, KVN (2007). Unleashing Rural Entrepreneurship, ICFAI University Press, Hyderabad.
6. Singh, K. (2009). Rural Development: Principles, Policies and Management, Sage Pub (Choose 1 out of 3 in each semester)

**Course Outcomes: After studying this course the students will be able to:**

- 1: Learn about transformation in rural development,
- 2: Appraise the development of rural Issues
- 3: Assess Institutional and organization for rural development,
- 4: Know the role played by rural innovations in transforming rural societies.
- 5: Understand the rural development process& planning

**Outcome Mapping:**

CO/PO	PO1	PO2	PO3	PO4	P5
CO1	2	3	3	3	3
CO2	3	3	2	3	3
CO3	3	2	2	2	3
CO4	3	3		2	3
CO5	3	3	3	3	3

<b>Semester: III</b> <b>Core Course: X</b>	<b>INTERNATIONAL ECONOMICS</b>	<b>Credit:4</b> <b>Hours:6</b>
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**(From 2022 – 2023 onwards)**

### **Subject Description**

This paper is containing theories of international Trade, and determination of exchange rate.

### **Goals:**

These courses will emphasis on Balance of Payment, Theories of Exchange and International Monetary and Trade Organisation.

### **Objectives:**

- 1.To know about International Economics
- 2.To aware of Balance of Payment and adjustment Mechanism
- 3.How to control the Exchanges etc.,

### **Contents:**

#### **UNIT-I.PURE THEORIES OF INTERNATIONAL TRADE:**

Comparative Cost Theory – Refinements of Comparative cost Theory – Modern Theory of factor endowments – Leontief Paradox – Factor Price Equalisation Theorem – factors Intensity reversal:

#### **UNIT – II.RECENT THEORIES OF INTERNATIONAL TRADE:**

Karvi's Theory of availability – Lindar's Theory of Volume of trade and demand pattern – Posner's Technological Gap Theory – Vernon's Product Cycle Theory – Kenen's Human Capital theory – Intra-industry trade – Theory of

#### **UNIT – III.BALANCE OF PAYMENTS POLICIES:**

Adjustment Mechanism: Elasticity Approach, absorption Approach and Monetary Approach – Monetary and Fiscal Policies for internal and external Balance: The Swan Model and Mundallian Model – Expenditure Switching Policies and Expenditure Reducing Policies – Foreign trade Multiplier.

#### **UNIT – IV.FOREIGN AID AND MNCs:**

Foreign Aid – Types of Foreign Aid – advantages and Disadvantages – Factors determining Foreign Aid – Foreign Investment – Foreign Direct Investment – Types of FDI – FDI Policy of India – Multinational Corporations – features of Multinational Corporations – Advantages of Limitations of MNCs – MNCs and International trade.

#### **UNIT – V – MANAGING FOREIGN EXCHANGE RISK:**

Foreign Exchange Risk – Sources of foreign Exchange Risk – Types of Exchange Rate risk – transaction Risk – Translation Risk, Economic Risk, -Internal and External techniques –Business process outstanding.

### **References:**



1. Francis Chgerunillam (2004), International Economics, tata McGraw Hill, New Delhi.
2. Paul Krugman and Maurice (2013), International Economics: Theory and Policy, Obstfeld, New Delhi.
3. J.N. Bhagwati (2003) Free Trade Today, Oxford University Press, New Delhi.

**4. Supplementary Readings**

1. Jeff Madura (2011), International Financial Management (Mason, Ohio: South-western Cengage Learning).
2. Sarno, Lucio; Mark P. Taylor & Jeffrey A. (2002), the Economics of Exchange Rates (Cambridge University Press, Frankel).

**5. Course Outcomes: After studying this course the students will be able to:**

1. Students acquired knowledge on basic theories of international trade
2. To come into possession on modern theories of international trade
3. Students acquired knowledge on basic theories BOB and international trade
4. Students attained knowledge on foreign aid and multinational corporations.
5. Students acquired knowledge on managing foreign exchange risks.

**6. Outcome Mapping:**

CO/PO	PO1	PO2	PO3	PO4	P5
CO1	2	3	3	3	3
CO2	3	3	2	3	3
CO3	3	2	2	2	3
CO4	3	3	3	2	3
CO5	3	3	3	3	3

<b>Semester: III</b> <b>Core Course :XI</b>	<b>COMPUTER APPLICATION IN ECONOMICS</b>	<b>Credit:4</b> <b>Hours:6</b>
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(From 2022 – 2023 onwards )

### **Subject Description:**

This Subject is aimed at providing knowledge on basic computer Application in Economics as well as operating system, word processing and internet.

### **Goals:**

The course intends to equip students to develop working knowledge of basic Computer operations and tools. The course aims at using such skills to apply to economic theory, various computer applications and managerial applications.

### **Objectives:**

- 1.To analyse the computer application
- 2.To understand computer programmes in economic oriented application.

### **Contents:**

#### **UNIT- I.INTRODUCTION**

Introduction to Computer, History, Generations and Classification of Computer , Advantages, Uses of Computers – Hardware and Software – CPU and its functions

#### **UNIT – II.OPERATING SYSTEMS:**

Meaning, Functions and uses of Operating Systems – Types of Operating Systems –Fundamentals of MS-WORD – Creating a new Folder – Copying files and moving folder – Renaming Fields and Folders – Deleting files folders and searching files and folders.

#### **UNIT – III.WORD PROCESSING:**

Introduction to MS-WORD – Menus in MS-WORD: File Menu – Edit Menu – View Menu – Format Menu – Auto correct inserting- special characters – spelling and Grammar checking – Mail merging of documents.

#### **UNIT – IV.POWER POINT:**

Power Point Preparations – Add Click – View – Inserting Images - Slideshow

#### **UNIT –V.PRACTICAL:**

Practical – Ms-Word – Power Point – Documentation typing – Edit – Print – Table Preparation – Data Preparation – Create Columns and Rows – Multiple Tables – Cut – Copy – Paste.

### **References:**

1. Sheshasaayee, A and Sheshasaayee, Computer Application in Business Management
2. WrayComputer Course,BPB Publications
3. Richard Internet Right From Start, BPB Publications

**Course Outcomes: After studying this course the students will be able to:**

**CO1:** Know the basic concepts of Computer, Usage of Internet and Applications in Economics.

**CO2:** Gain Knowledge and Awareness about Social Science Research and its importance today.

**CO3:** Differentiate research in general and economic research in particular.

**CO4:** Understand the special models and techniques of Economics.

**CO5:** Explain the applications of computer technology and its impact on the Economy and Society.

**Outcome Mapping:**

CO/PO	PO1	PO2	PO3	PO4	P5
CO1	2	3	3	3	3
CO2	3	3	2	3	3
CO3	3	2	2	2	3
CO4	3	3	3	2	3
CO5	3	3	3	3	3

<b>Semester: III</b> <b>Core Course :XII</b>	<b>FUNDAMENTAL METHODS OF MATHEMATICAL ECONOMICS</b>	<b>Credit::4</b> <b>Hours;5</b>
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### **Learning Objectives:**

- 1) To understand the meaning and uses of the various functions in Economics.
- 2) To learn the techniques of Calculus and their applications in Economics,
- 3) To solve graphically the optimization problems in Economics.

### **Unit I:**

Functions in Economics: Functions of one variable-Straight line, Parabola, Rectangular Hyperbola, Exponential and Logarithmic Functions-Applications in Economics.

### **Unit: II.**

Differential Calculus: Derivatives and their interpretation - Technique of Derivation- Functions of two variables - Partial derivatives- Optimisation problems involving one or two variables- Applications in Economics.

### **Unit: III.**

Integral Calculus: Integration - Constant of Integration -Some Standard Integrals - Definite Integration- Evaluation of Areas - Applications in Economics - Consumer's Surplus and Producer's Surplus.

### **Unit: IV.**

Introduction to Linear Algebra: - Vector and Matrices - Addition and Multiplication of Matrices - Determinants- Cramer's Rule - Matrix Inverse -Input-Output Model.

### **Unit. V.**

Linear Programming: Introduction – LP Model – Graphic Solution – LP Definitions and Theorems–Duality – Interpretation of Duality in Economics – Application of LP in Economics.

**Reference:1.**

1. A.C.Chiang, “Fundamental Methods of Mathematical Economics”, 3rd Edition/1984.
  2. E.T. Dowling, “Mathematical Methods for Economics & Business” (Schuam’s Outline Series),
  3. P.R. Vittal, “Quantitative Techniques”, Margham Publishers, Chennai.
- Distribution of Marks: Theory: 50% and Problems: 50%

**Supplementary Readings**

1. Chiang, C (1994), Fundamental Methods of Mathematical Economics (New Delhi: McGraw Hill).
2. Dowling Edward T (1989), Mathematical Methods (Schaum Series, New York).
3. Geoff Renshaw (2009), Maths for Economics (Oxford University Press, London).
4. Metha, B.C. & Madnani, G.M.K. (2004), Mathematics for Economists (Sultan Chand & Sons- New Delhi
5. Metha and Madnani. (2017), —Mathematics for Economists, Sultan Chand & Sons, New Delhi..

**Course Outcomes After studying this course the students will be able to:**

- 1: Gain Knowledge on basic Mathematical concepts relating to Economic analysis and its applications.
- 2: Explain and teach the applications of Mathematics in Economics.
- 3: Solve unconstrained optimization problems involving functions of single and multiple variable..
- 4: Answer simultaneous equations using Matrix Inversion and Cramer’s Rule..
- 5: Give solutions to solve differential equations and perform basic integration

**Outcome Mapping**

CO/PO	PO1	PO2	PO3	PO4	P5
CO1	2	3	3	3	3
CO2	3	3	2	3	3
CO3	3	2	2	2	3
CO4	3	3	3	2	3
CO5	3	3	3	3	3

<b>Semester: III</b> <b>Core Course: XIII</b>	<b>RESEARCH</b> <b>METHODOLOGY</b>	<b>Credit:4</b> <b>Hours:5</b>
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(From 2022 – 2023 onwards)

### **Course Objectives**

1. To make the students to understand basic concepts of research.
2. To train the students with different methods of research in social sciences.

### **Unit I: Research Methods in Economics**

Nature of Social Science Research - Research Methods in Social Science - Formulating.- Research Problem- Types and Sources of hypothesis - Characteristics of Good Hypothesis - Components and Types of Research Design

### **Unit II: Sampling and Data collection**

Sampling: Need - Types - Probability Sampling - Random, Systematic, Stratified, Multistage or Cluster Sampling, non-Probability Sampling - Purposive Judgement, Quota and Snowball Sampling - Data Collection - Primary and Secondary Data - NSSO and Censuses Data - Methods of Data Collection - Tools of Data Collection - Interview Schedule - Questionnaire.

### **Unit III: Data Processing and Presentation**

Processing and Analysis of Data - Editing - Coding & Tabulation - Use of computers in social sciences research Diagrammatic and Graphic Presentation of Data - Model Building & Decision Making.

### **Unit IV: Statistical Inferences**

Descriptive Analysis - Estimation - Point and Interval Estimation - Statistics and parameters - standard error- confidence interval - Null & Alternative Hypothesis - Type - I error and Type II error, level of significance - steps in testing of hypothesis - means & correlation - 'T' test for sampling mean and equality of mean - paired 't' test - chi-square test.

### **Unit V: Report Writing & Presentation**

Purpose of Research Report -Criteria for Good Research Report - Writing and Formatting Research Report - Structure of Research Report - Interpretation of Results and reports writing - Preparation of Project Proposals.

**Text Books (In API Style):Text Books**

1. C.R. Kothari (2002), Research Methodology Vikas Publishing House, New Delhi.

**Supplementary Readings:**

- 1.Goode W. J. and Hatt: (1952), Methods in Social Research, Mcgraw Hill Book Co, Tokyo.
- 2.Kenneth. D, and Bailey: (1962), Methods of Social Research, Longman's Green Co, New York.
- 3.Enhance, D.N., Fundamentals of Statistics: (1973), Kitab Mahal, Allahabad.
- 4.Gupta, C.B: (1998), An Introduction to Statistical Methods, Vikas Publishing House, New Delhi.

**Course Outcomes: After studying this course the students will be able to:**

1. Understand the basic concepts and measures of research methodology.
2. Demonstrated various research design and techniques

**Supplementary Readings:**

- 1.Goode W. J. and Hatt: (1952), Methods in Social Research, Mcgraw Hill Book Co, Tokyo.
- 2.Kenneth. D, and Bailey: (1962), Methods of Social Research, Longman's Green Co, New York.
- 3.Enhance, D.N., Fundamentals of Statistics: (1973), Kitab Mahal, Allahabad.
- 4.Gupta, C.B: (1998), An Introduction to Statistical Methods, Vikas Publishing House, New Delhi.

**Course Outcomes: After studying this course the students will be able to:**

1. Understand the basic concepts and measures of research methodology.
2. Demonstrated various research design and techniques

**Outcome Mopping :**

CO/PO	PO1	PO2	PO3	PO4	P5
CO1	2	3	3	3	3
CO2	3	3	2	3	3
CO3	3	4	3	2	
CO4	3	2	3	3	3
CO5	3	2	2	3	3

<b>Semester: III</b> <b>Elective Course: II</b>	<b>ECONOMICS OF SUSTAINABLE DEVELOPMENT</b>	<b>Credit: 4</b> <b>Hours: 5</b>
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### **Course Objectives**

1. To understand the Environmental basis of economic growth
2. To develop students skill theories of Sustainable Development
3. To clarify the problem Sustainable Development and Markets
4. To provide insights into the formation of sustainability Indicators and Measurement
5. To know sustainable development policy issues

### **Unit I: Introduction to Sustainable Development**

**Hours 5**

Distinction between “sustainability” and “development”- Inadequacy of growth as indicator of welfare- Environmental basis of economic growth- Economic development and environmental quality: the environmental Kuznets curve hypothesis- Negative Environmental and economic patterns of past development strategies.

### **Unit II: Theories of Sustainable Development**

Basic concepts-Capital stock and sustainability- Types of capital - Substitutability between types of capital- Weak sustainability-Strong sustainability- Brundtland Commission’s definition of sustainable development-Intergenerational equity- Intergenerational equity- A holistic definition of sustainable development: sustainable development as comprising-Economic sustainability Environmental sustainability - Social sustainability.

### **Unit III: Sustainable Development and Markets**

Sustainability of free market outcomes- Placing correct prices on the environment- Hartwick-Solow rule- Daly’s “operational principles”- The “safe minimum standard” rule- London School approach

### **Unit IV: Sustainability Indicators and Measurement**

Global, national and local indicators of sustainability -Prescott-Allen’s Barometer of sustainability-Human Wellbeing Index-Ecosystem Wellbeing Index- Stress Index- AMOEBA approach- Green national accounts- Genuine savings index- Shadow project approach.

### **Unit V: Sustainable Development Policy Issues**

Institutions for sustainable development -Institutions coordinating human behavior- Market-Government and Civil society- Sustainable development in the agricultural sector- Environment and rural poverty- Agricultural biotechnology, poverty and the precautionary



principle- Institutions for management of problems related to agriculture - Intensifying the use of land

### **Text Books (In API Style)**

- 1.Hanley, Nick, JasonF.Shogren and Ben White (2001), Introduction to Environmental Economics (Oxford: Oxford University Press) Units-I, III, IV: Chapter 6.
- 2.Karpagam,M (2006), Environmental Economics: A Textbook (New Delhi: Sterling) Unit-I : Chapter 14, Units-II, IV : Chapter 16.
- 3.Turner, Kerry R, David Pearce and Ian Bateman (1993), Environmental economics: An Elementary Introduction (Baltimore: Johns Hopkins University Press) Unit-II: Chapters2, 4.
- 4.World Bank (2003), Sustainable Development in a Dynamic World: Transforming Institutions, Growth, and the Quality of Life (World Development Report 2003) (Washington, DC and New York: World Bank and Oxford University Press). Unit 1: Chapter 1; Unit 2: Chapter 2; Unit 5: Chapters 3 ,5 ,6
- 5.Kadekodi, GopalK(2001), “Environment and Development” in Bhattacharya, Rabindra N (ed) (2001): Environmental Economics: An Indian Perspective(New Delhi: Oxford University Press) 162-217 . Recommended for Units 3 and 4.

### **Supplementary Readings**

1. John Blewitt(2018), —Understanding Sustainable Developmentll, Taylor & Francis Ltd., New York.
- 2.Dala Clayton Barry(2018), —Sustainable Development Strategiesll, Taylor & Francis Ltd., New York.
- 3..Ziolo, Magdalena, Sergi, Bruno S. (2019), —Financing Sustainable Developmentll, Palgrave Macmillan Publications, London.
- 4..Crane, Andrew Matten, Dirk (2010), —Business Ethics: Managing Corporate Citizenship and Sustainability in the Age of Globalizationll, 3rd ed., Oxford University Press, Oxford.
- 5.Duflo, Esther , Banerjee, Abhijit V. (2001), —Poor Economics. A Radical Rethinking of the Way to Fight Global Povertyll, Public Affairs, New York.6.

**Course Outcomes: After studying this course the students will be able to**

- 1: Understand the basic concepts of Sustainable Development (SD).
- 2: Know the history of the Sustainable Development ideas.
- 3: Discuss the conflicts which are involved in the market
- 4: Familiar with potential strategic options for SD (Efficiency & Sufficiency).
- 5: Argue the Advantages and Disadvantages of instruments for SD.

### **Outcome Mopping**

CO/PO	PO1	PO2	PO3	PO4	P5
CO1	2	3	3	3	3
CO2	3	3	2	3	3
CO3	3	2	2	2	3

<b>CO4</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>3</b>
<b>CO5</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>

<b>Semester: III</b> <b>Open Elective. II</b>	<b>Economics of Social Issues</b>	<b>Credit: 3</b> <b>Hours: 3</b>
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### **COURSE OBJECTIVES**

1. To enable them to study & analyses the issues related to Environment and Health Care
2. To understand the Economics of family
3. To critically analyse the issues of poverty and inequality
4. To analyses critically the Economics of Social evils
5. To identify the factors that promote educations

### **UNIT: I ECONOMICS OF ENVIRONMENT & HEALTH CARE**

Environment as an economics good - Costs and Benefits of Environment Conservation - Economics perspective on pollution control: Optimun pollution - Health dimensions - Demand and Supply of Health Care - financing of health care-Inequalities in Health Care-Health Care constraints

### **UNIT: II.ECONOMICS OF FAMILY**

Resource allocation in the household: Garry Becker's theory on division of labour within household – family size – Economic perspectives on marriage and Divorce – Economics of gift- giving

### **UNIT: III. POVERTY AND ECONOMIC INEQUALITY**

Meaning of Poverty – Basic measures and magnitude – Economic perspective on Poverty Eradication–The market system of Income Distribution – Benefits and Costs of Inequality – Unemployment types and current scenarios

### **UNIT: IV. ECONOMICS OF SOCIAL EVILS**

Sources of Social Discrimination – class, caste, religion, race and language- Economic crime and their prevention – violation of Human Rights – causes and consequences of Terrorism – Drug addiction – The Economic case for and against legalizing drugs

### **UNIT: V.ECONOMICS OF EDUCATION**

Education as an investment – Private and Public Investment – Role of Government – Challenges in Education – Issues pertaining to expanding equity, efficiency & inclusion.

### **Text Books (In API Style)**

1. Charles A.Register & Paul W.Grimes[2019], Economics of Social Issues, Mc.Graw Hill – New Delhi 21 edition
2. Seeta Prabhu.K,Economic reforms and social Sector Development ,Sage Publications , New Delhi 2012
3. Sharp, Ansel M et al., Economics Sector of Social Issues, New Delhi, Universal Book Stall,2001

### **Supplementary Readings:**

1. Douglass C .North and Roger Lerrey Miller , The Economics of Public Issues , Harper and Row Press New York , 2001
2. Dreze , Jean and Amartya sen , Hunger and Public Action , Clarendon Press , London 1999
3. Gilbert Slater-Some South Indian Villagers, Oxford University Press, Madras, 1918

### **COURSE OUTCOMES: After studying this course the students will be able to:**

1. On learning this course, students will be able to health care constraints
2. Gain knowledge on Environment and Health Care
3. Analyse social issues from different perspectives in Economics
4. Design policies & programmes to solve unemployment
5. Prepare students to fight against social evils

### **Outcome Mopping**

CO/PO	PO1	PO2	PO3	PO4	P5
CO1	2	3	3	3	3
CO2	3	3	2	3	3
CO3	3	2	2	2	3
CO4	3	3	3	2	3
CO5	3	3	3	3	3

<b>Semester: IV</b> <b>Core Course: XIV</b>	<b>AGRICULTURAL ECONOMICS</b>	<b>Credit:4</b> <b>Hours:6</b>
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**(From 2022 – 2023 onwards)**

**Subject Description:**

This Course will enable the students to acquire advanced knowledge as to how Agricultural Practices facilitate the Economic Growth and development in developing nations.

**Goals:**

This paper explains the economic Principles applied in Management of Farm. It also helps them understand the Indian Economic background under which farm operates.

**Objectives:**

1. To Familiarise typical farm Management Decisions.
2. To provide strong knowledge base on Indian Farm Management System.
3. To develop a critical study on Principles of Farm Management Marketing and Agricultural Trade.

**Contents:**

**UNIT-I.INTRODUCTION:**

Nature and Scope of Agricultural Economics – Relation between Agricultural and Industry – Role of Agriculture in Economic Development – Return to Scale and Farm Size – Principles of Choice and Resources Allocation – Cost Concept and Cost Minimisation – Specialisation – Farm Management Technique.

**UNIT – II.AGRICULTURAL FINANCE:**

Agricultural Finance and Agencies – Capital formation in Agriculture – causes of Rural Indebtedness – Debt relief and Regulations of Money Lending Acts – Role of Rural Credit Institutions - Cooperative and Commercial Banks – Refinance Institutions.

**UNIT – III.LAND REFORM:**

Land Reforms – Nature and Significance of Land Reforms – Progress of Land Reforms in India – Suggestion for Improvement – Agriculture Planning and Agriculture Taxation in India.

**UNIT –IV – AGRICULTURAL MARKETING:**

Imperfect Competition and Agricultural Marketing – Marketable Surplus –Agricultural Price Policy – Procurement and Public Distribution System – Subsidies Component — Food Security

**UNIT –V – AGRICULTURAL LABOUR:**

Agricultural Labour – Causes and Growth of Agricultural Labour under poor Economic Conditions – Problems of Unemployment and under Employment – Government Measures for Assistance.

## References:

1. C.B. Memoria                                  Agricultural Problems of India
2. Sadhu and Singh                              Fundamentals of Agricultural Economics
3. Vasant Desai B.P. (1996), Agricultural Economics, Rural Development, (Jai Prakash North, Meerut)
4. RuddarDatt and K>P>M> Sundharam (2001), Indian Economy. (S. Chand and Ltd Ram Nagar, New Delhi.

**Course Outcomes: After studying this course the students will be able to:**

1. The student will be able to understand the overview of agricultural economics.
2. The students acquire knowledge to getting agricultural inputs and productivity performance.
3. The student will be able to understand recent trends in Indian agriculture and problems.
4. The student will be able to understand the agricultural marketing and its operations.
5. The student will be able to knowing about government pricing policies on agriculture and allied industries.

### Outcome Mapping:

CO/PO	PO1	PO2	PO3	PO4	P5
CO1	2	3	3	3	3
CO2	3	3	2	3	3
CO3	3	2	2	2	3
CO4	3	3		2	3
CO5	3	3	3	3	3

<b>Semester: IV</b> <b>Core Course: XV</b>	<b>DEVELOPMENT ECONOMICS</b>	<b>Credit:4</b> <b>Hours:6</b>
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**(From 2022 – 2023 onwards)**

**Subject Description:**

This Course will enable the students to acquire advanced knowledge various theories of Development, and policies for development.

**Goals:**

This paper aims at knowing the theories of Development, poverty, inequality, human capital, Rural Development etc.,

**Objectives:**

1. To Familiarise the theories of Development
2. To provide strong knowledge base on India's agriculture and Rural Development.
3. To develop a critical study on Developmental Factors.

**Contents:**

***Course Objectives***

- 1. To understand the concepts of economic Growth & Development.*
- 2. To make the students to know the growth & development indicators.*
- 3. To enable the students to study the different growth models.*

**Unit I: Growth & Development**

Introduction to Growth Development - Meaning- Determinants of Growth - Factor Affecting Growth & Development - Socio-Economic Indicators - Need for Sustainable Development.

**Unit II: Theories of Development**

Development and Growth: Harrod - Domar model - Rastow's stages of growth theory - Lewis theory - Balanced & Unbalanced growth - Neo classical growth theory Robert Solow model - Classical theory of development - Adam Smith - Ricardo-Malthus and James Mill - Karl Marx and Development of Capitalist Economy

**Unit III: Poverty, Inequality and Human Capital**

Measurement of Inequality and Poverty - Causes of inequality-inverted-U-Hypothesis - Investment in Education & Health - the human capital approach - Education & Development - Social & Private Benefits of Education - women's Education & Development - Health Care System in development - Health and Productivity - Gender Perspective in Health Care – Human Capital – Factors of Human Development – Components of human development index (HDI).

#### **Unit IV: Agriculture & Rural Development**

Role of agriculture in growth development - Agricultural Policy - Agricultural Taxation - Pricing Policy - Modern agriculture - organic farming - Inter locking factor markets - Rural urban migration - Todaro model - Rural credit markets - Role of Financial Institutions in agriculture.

#### **Unit - V Policies for Development**

Role of state in Development -Market and the state in Development - Market Failure and Development - Trade Policy in Development - Fiscal Policy for Development - Financial System in Development - Role of Financial Systems & Central Bank - Role of MNCs / TNCs for development.

#### **References:**

1. Michael P Todaro and Stephen C. Smith (2004), Economic Development, Pearson Education, Singapore Cha. 2,6,7,8.
2. Yujiro Hayami (2003) , Development Economics: Oxford University Press, New Delhi.

#### **Course Outcomes: After studying this course the students will be able to:**

1. Students understand the relevance of growth and development perspective.
2. Study the different growth models for implementation.

#### **Outcome Mopping:**

CO/PO	PO1	PO2	PO3	PO4	P5
CO1	2	3	3	3	3
CO2	3	3	2	3	3

<b>Semester : IV</b> <b>Core Course: XVI</b>	<b>ENVIRONMENTAL ECONOMICS</b>	<b>CREDIT: 4</b> <b>HOURS: 6</b>
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**(From 2022 – 2023 onwards)**

***COURSE OBJECTIVES:***

- 1. To let students learn linkages between Economy and Environment***
- 2. To create awareness an externalities***
- 3. To analyses various natural resources and Sustainable Developments.***
- 4. To make students learn the methods of valuation of Natural resources.***
- 5. To highlight current environment issues in India***

**UNIT:I ENVIRONMENT & THE ECONOMY**

Scope of Environmental Economics – Economy Environment linkages – Classification of resources – The Material balance model – Resilience and carrying capacity

**UNIT.II: THE THEORY OF EXTERNALITIES AND ENVIRONMENTAL PROTECTION**

Market failure and Externality – Pollution Externality and Economic Efficiency – Tragedy of commons – Environmental quality as a Public goods – Allocation of Public Goods – Paretian Optimum-externalities and Pigouvian and taxes and subsidies - marketable pollution permits – Property Rights & Coase Theorm

**UNIT. III: ENVIRONMENTAL RESOURCES AND ECONOMICS OF SUSTAINABLE DEVELOPMENT**

Theories of Optimal Resources use – optimum resource use and pricing – source of energy – Energy policy and environmental quality – Environment and Development Trade- off – Sustainable Development – paradigms of sustainable Development- Natural Resource Accounting.

**UNIT.IV: METHODS OF VALUATION OF NATURAL RESOURCES**

Types of Economic Values of Environment: use and non –uses values - measuring economic values Revealed preference methods ; production function approach , Hedonic pricing method and travel cost approach – stated Preference method – Contingent valuation methods

**UNIT.V: UNIT TITLE: ENVIRONMENT POLICY**

Policy measures – Policy Instrument to Control Water and Air Pollution – India's Environmental policy and laws and grass root movement , Global Environment Externalities and climatic change – Environment and WTO regime



**Text Books (In API Style)**

1. Eugene T. [2005] , Environmental Economics Vrinda publications , pvt ltd , New Delhi
2. Bhattacharya , R.N [ed] [2002] Environment Economics ; New Delhi
3. Karpagan M , Environmental Economics , Sterling publishers [latest edition]

**Supplementary Readings:**

Harley , N.J.F Shogern and B white ; Environment Economics in Theory & Practices , Macmillan

Sankar . V [ed] [2001] Environmental Economics, Oxpond University Posts , New Delhi  
Hill . M.K 2010 , Understanding Environmental Pollution Cambridge University Press

**COURSE OUTCOMES: After studying this course the students will be able to:**

1. Students now , know the value of environment and its link with economy
2. The knowledge on externalities can have an impact on controlling pollution
3. After gaining the knowledge, can play an active role in the protection of environment to attain Sustainable development
4. Having learnt the economic values of environment
5. As a citizen, cooperates with the government to obey the environmental laws and policies

**Outcome Mopping :**

CO/PO	PO1	PO2	PO3	PO4	P5
CO1	2	3	3	3	3
CO2	3	3	2	3	3
CO3	3	3	3	3	2
CO4	3	3	2	3	3
CO5	3	3	3	3	2

<b>Semester: IV</b> <b>Elective Course:: III</b>	<b>RECENT ISSUES IN INDIAN ECONOMY</b>	<b>Credit: 4</b> <b>Hours: 6</b>
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**(From 2022 – 2023 onwards)**

### ***COURSE OBJECTIVES:***

- 1. To develop an awareness of the basic issues and problems of the Indian economy*
- 2. To understand the technological advancement in Agriculture*
- 3. To have better understanding of the economics problems in India*
- 4. To have an updated information about Economic Reforms*
- 5. To keep the student updated with the reforms in industrial sector*

### **UNIT .I : ECONOMIC GROWTH AND DEVELOPMENT**

Concepts of Development – Distinction between Economic Growth and Development – Sustainable Development – Determinants of Development: Economic and non -economic factors – Physical quality of Life Index – HDI – GDI.

### **UNIT. II :AGRICULTURAL DEVELOPMENT**

Trends , patterns and performance of Agricultural Growth – size of farm and fragmentation of land – New Agricultural policy since 2000 – Organic farming – Precision farming – Agricultural Marketing ,Credit – WTO & Indian Agriculture.

### **UNIT III : INDIAN DEMOGRAPHY , UNEMPLOYMENT POVERTY**

Demographic trends, patterns , new population policy – Highlights on Census of India 2021 – implications of growing population – urbanization ; unemployment guarantee programmes – various Poverty Eradication Programmes.

### **UNIT: IV. ECONOMIC REFORMS**

The new economic reforms in india – economic policy since 1991 –liberalisation, Privatization and Globalization – NITI Ayog and discontinuation of central Planning – Global economy – crisis and its impact on Indian Economy – Demonetization and its effects on Indian Econom

## UNIT: V: INDUSTRIAL DEVELOPMENT

New Industrial Policies – Growth and Pattern of Industrialization since the reform period  
–Role of FDI in India's industrialization process – Micro Small Enterprises – Measures to promote MSEs – Employment of MSEs

### Text Books (In API Style)

1. Ruddar Dutt and K.P.M. sundaram , Indian econmy , Himalaya publishing house , new delhi
2. Jhingan M.L, the economics of development and planning , vrinda publication lid, nea delhi
3. Misra and Puri , Indian Economy , S.Chand's company ltd , New Delhi

### Supplementary Readings

1. S. Sankaran , Indian Economy – Problems and and Policies , Margham publications
2. India development report , oxford university press , various issues
3. Economic survey , Government of india , various issues

### Coures Outcomes: After studying this course the students will be able to:

1. Have a better understanding of the Indian economy
2. Identify the various issues in Indian economy
3. Analyse economic problems operating in India.
4. Understand the current issues facing the Indian economy
5. Inculcates interest in young minds to enter industrial sector

### Outcome Mopping :

CO/PO	PO1	PO2	PO3	PO4	P5
CO1	2	3	3	3	3
CO2	3	3	2	3	3
CO3	3	3	3	3	2
CO4	3	3	2	3	3
CO5	3	3	3	3	2