

**GOVERNMENT ARTS COLLEGE (AUTONOMOUS), SALEM -7**  
**PG AND RESEARCH DEPARTMENT OF ECONOMICS**  
**M.A. ECONOMICS**

<b>PROGRAM EDUCATIONAL OBJECTIVES (PEOs)</b>	
Student with Masters in Economics programme will	
<b>PEO1</b>	Develop critical thinking to carry out investigation about various socio-economic issues objectively.
<b>PEO2</b>	Equip them for pursuing research with skills to analyse problems, formulate an hypothesis, analyse, interpret the results and draw reasonable conclusions.
<b>PEO3</b>	Wider their opportunities for employment because the spirit of entrepreneurship is imbibed in them right from their under graduation. That spirit along with the knowledge of financial, monetary economics and international business management goes a long way.

**PROGRAMME OUTCOMES**

**MASTER OF ARTS (ECONOMICS)**

- PO1: Demonstrate knowledge of theories, Policies, and empirical findings of economics.
- PO2: Engage in scientific inquiry, critical thinking, using quantitative and qualitative methods.
- PO3: Access and extract data from multiple sources, analyse and interpret the results using quantitative and qualitative tools.
- PO4: Demonstrate competence in written and oral communication and convincing present arguments with virtual tools.
- PO5: Apply knowledge of economics for learn building and create entrepreneurial initiatives for livelihood and social development.

<b>PROGRAMME SPECIFIC OUTCOMES (PSOs)</b>	
<b>After the successful completion of M.A. Economics program, the students are expected to</b>	
<b>PSO1</b>	Apply their knowledge practically to understand the real economic problems.
<b>PSO2</b>	Develop comprehensive professional skills that are required for post graduates in Economics.
<b>PSO3</b>	Work effectively with diverse teams.
<b>PSO4</b>	Demonstrate their ability to access a variety of relevant information.
<b>PSO5</b>	Inculcate the social skill along with the focus of decision making skills.
<b>PSO6</b>	Empower them to communicate with a focus on specific economic issues.
<b>PSO7</b>	Gain basic idea on data collection through primary survey.
<b>PSO8</b>	Strengthen their proficiency to appear for NET, SET, and for other competitive examinations.
<b>PSO9</b>	Develop own thinking regarding current national, international policies and issues.
<b>PSO10</b>	Create awareness to become a rational and a responsible citizen so that they can take the initiative to spread the message on environmental protection.

**GOVERNMENT ARTS COLLEGE (AUTONOMOUS), SALEM-7****M.A. DEGREE IN ECONOMICS****For the candidates admitted from the academic year 2021-2022****COURSE STRUCTURE FOR M.A. PROGRAMMES**

<b>PART</b>	<b>CATEGORY</b>	<b>No. of Courses</b>	<b>Total Credits</b>
I	CORE COURSE	16	80
II	MAJOR BASED ELECTIVE COURSE(MBEC)	2	8
III	RESEARCH ACUMEN COURSE	3	-
IV	INTERDISCIPLINARY COURSE	1	2
V	UGC-NET COMPONENTS COURSES	4	4
VI	PROJECT WORK	1	10
	<b>TOTAL</b>	<b>27</b>	<b>104</b>

- 1. No. of Courses introduced : 8**
- 2. No. of Courses modified : 7**
- 3. Percentage courses as per TANSICHE norms : 99%**
- 4. Total Marks : 2600**

**HOD****PRINCIPAL**

**GOVERNMENT ARTS COLLEGE(AUTONOMOUS), SALEM-7**  
**MA DEGREE IN ECONOMICS**  
**For the candidates admitted from the academic year 2021-2022**

S. No	Course code	Title of the Course	Hours to be handled	Credits	Marks		Max
					I.A	S.E.	
<b><u>SEMESTER I</u></b>							
1	21PEC01	Core Course-I :Advanced Micro EconomicTheory	6	5	25	75	100
2	21PEC02	Core Course-II : Quantitative Techniques for Economics	6	5	25	75	100
3	21PEC03	Core Course-III : International Trade and Policy	6	5	25	75	100
4	21PEC04	Core Course-IV: Financial Economics	6	5	25	75	100
5	21PECM1	Major Based Elective Course-I: Economics of Growth and Development	4	4	25	75	100
	21PECM2	Major Based Elective Course-II: Women Studies & Development					
6	21RAC01	Research Acumen Course I: Intellectual Property Rights *	2	-	-	100	100
7	21PECN1	UGC-NET components of Core Course in Semester-1	-		50	-	50
<b>Total</b>			<b>30</b>	<b>24</b>			<b>650</b>
<b>Cum - Total</b>				<b>24</b>			<b>650</b>
<b><u>SEMESTER-II</u></b>							
1	21PEC05	Core Course-V : Welfare Economics	6	5	25	75	100
2	21PEC06	Core Course-VI: Research Methodology	6	5	25	75	100
3	21PEC07	Core Course-VII : Basic Econometrics	6	5	25	75	100
4	21PEC08	Core Course-VIII: International Business Management.	6	5	25	75	100
5	21PECM3	Major Based Elective Course-III: Population Studies	4	4	25	75	100
	21PECM4	Major Based Elective Course-IV: Economics of Social Issues					
6	21RAC02	<b>Research Acumen Course II: Research Writing *</b>	2	-	-	100	100
7	21PECN2	UGC-NET components of Core Course in Semester-II **	-		50	-	50
<b>Total Credit and Marks</b>			<b>30</b>	<b>24</b>			<b>650</b>
				<b>48</b>			<b>1300</b>

S. No	Course code	Title of the Course	Hours to be handled	Credits	Marks		Max
					I.A	S.E	
<b>SEMESTER-III</b>							
1	21PEC09	Core Course-IX : Industrial Economics	6	5	25	75	100
2	21PEC10	Core Course-X : Monetary Economics	6	5	25	75	100
3	21PEC11	Core Course-XI : Environmental Economics	6	5	25	75	100
4	21PEC12	Core Course-XII Economics of Human Resource	6	5	25	75	100
5	21PECMT	Interdisciplinary Course: Mathematical Economics	2	2	25	75	100
6	21PECPR	Project work (to be continued in Semester IV)	4	--			
7	21PECN3	UGC-NET components of Core Course in Semester-III **		-	50	-	50
<b>Total Credit And Marks</b>			<b>30</b>	<b>22</b>			<b>550</b>
				<b>70</b>			<b>1850</b>
<b>SEMESTER-IV</b>							
1	21PEC13	Core Course-XIII : Macro Economics	6	5	25	75	100
2	21PEC14	Core Course-XIV : Public Economics	6	5	25	75	100
3	21PEC15	Core Course-XV : Agricultural Economics	6	5	25	75	100
4	21PEC16	Core Course-XVI: Indian Economic Development and Policy.	6	5	25	75	100
5	21RAC03	<b>Research Acumen Course III: Research and Publication Ethics*</b>	2	-	-	100	100
6	21PECPR	Project Work	4	10	50	150	200
7	21PECN4	UGC-NET components of Core Course in Semester-IV **		-	50	-	50
<b>Total Credit and Marks</b>			<b>30</b>	<b>30</b>	--	--	<b>750</b>
<b>Grand Total of Credit and Marks</b>				<b>100</b>			<b>2600</b>

\*\_ Non Credit Course

\*\*\_ Self Study

Enrollment in a minimum of on PG Non-Engineering MOOC Courses relevant to their subject offered through SWAYAM platform is mandatory. The Students can enroll after getting permission from the Head of the Department. The students must obtain 40% marks in Internal assessment. Besides, a **student who wishes to get course completion certificate must necessarily enroll and pass in the examination conducted through SWAYAM Platform.**

## SEMESTER I

Course code	Course name	Lecture(L)	Tutorial(T)	Practical(P)	Credit
<b>21PECO1 CORE COURSE-I</b>	<b>ADVANCED MICRO ECONOMIC THEORY</b>			-	5

**OBJECTIVE**

1. To give an overall advanced picture of Micro Economic theory.
2. Compare and discuss various models of Duopoly and Oligopoly.
3. To make the students understand the General equilibrium model.

**SYLLABUS****UNIT I**

6 HOURS

A brief outline of Cardinal and Ordinal analysis - The Revealed preference theory - Demand Theorem - Derivation of demand curve from Revealed preference approach - Derivation of indifference curve from Revealed preference approach –Superiority – defects - Modern Utility Analysis: St. Petersburg Paradox and Bernoulli Hypothesis- The Newmann- Morgenstern method of measuring utility.

**UNIT II**

6 HOURS

Production Function – Law of Variable Proportions – Law of Returns to scale - Cobb Douglas production function - CES production function.

**UNIT III**

7 HOURS

Duopoly : Meaning - The coronet model - Bertrand model - Edgeworth model – Oligopoly: Meaning – Characteristics - Chamberlin model - Sweezy model.

**UNIT IV**

7 HOURS

Cost –Various concepts of costs - Traditional theory of cost: Short run & Long run cost – Envelope curve - Modern theory of cost – L shaped curve - Analysis of economics of scale.

## UNIT V

7 HOURS

General equilibrium Theory –Problems of Existence, stability and uniqueness of general equilibrium - Walrasian general equilibrium model - 2 X 2 X 2 Graphical General equilibrium model.

**TEXT BOOKS**

1. Advanced Micro Theory - A.L. Ahuja.

**REFERENCE BOOKS**

1. **Advanced Economic Theory** -JHINGAN M.L.,
2. Modern Economic Theory - Koutsoyiannis. A
3. Advanced Micro Economic Theory - Chopra
4. Economic Theory and Operational Analysis - William Baumol.
5. Text book of Economic Theory - Stonier and Hague

**WEB RESOURCES**

1. <https://www.yourarticlelibrary.com/economics/law-of-demand/the-revealed-preference-theory-of-demand/36706>
2. <https://www.yourarticlelibrary.com/economics/theory-of-production/the-concept-of-production-function/36873>

**COURSE OUTCOMES**

On successful completion of the course, students will be able to

S. NO.	COURSE OUTCOME	BLOOMS VERB
CO1	Understand the Cardinal and Ordinal utility analysis	Remember
CO2	Properly understand the Production Function.	Understand
CO3	Analyse the various Duopoly and Oligopoly models	Apply
CO4	Create awareness on the various cost concepts.	Apply
CO5	Understand how to construct models and use general equilibrium analysis.	Apply



**MAPPING WITH PROGRAM OUTCOMES**

COs	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	PSO9	PSO10
CO1	S	M	S				M	L	S	L
CO2		S	M	M		L	M		S	
CO3		S		M		L		M	S	M
CO4	S	S				L	L	M	S	L
CO5	S	M	S	M	M	L	-	-	-	M

S- Strong; M-Medium; L-Low

## SEMESTER I

Course code	Course name	Lecture(L)	Tutorial(T)	Practical(P)	Credit
21PECO2CORE COURSE-II	QUANTITATIVE TECHNIQUES FOR ECONOMICS			-	5

**OBJECTIVE**

- Motivate students an intrinsic interest in statistical thinking.
- Instill the belief that statistics is important for scientific research.
- To know how to evaluate published numerical facts.

**SYLLABUS**

## UNIT I

6 HOURS

Quantitative Techniques(QT) : Meaning – Objectives – Nature and scope of QT – Role of QT in Economics – Functions and Limitations – Application of Statistics in economics.

## UNIT II

6 HOURS

Testing of Hypotheses : Procedure – Errors in Testing – Two tailed Test – one tailed test – Estimation and its Properties – Chi-Square Distribution – Conditions and uses of Chi-Square Test

## UNIT III

7 HOURS

Analysis of Variance : ANOVA – ‘F’ Test - Techniques of ANOVA -Demand Forecasting - Purpose of Forecasting Demand - Steps involved in Forecasting - Techniques of Demand Forecasting - Time Series - Seasonal Indices - Method of Simple Average – Ratio-to - Trend Method - Moving average Method.

## UNIT IV

7 HOURS

Correlation: Types - Measures of correlation, Karl Pearsons coefficient of correlation. Spearman’s rank correlation coefficient – Regression Equation – Least square regression lines - Difference between Correlation and Regression analysis

## UNIT V

7 HOURS

Statistical Decision Theory: Ingredient of Decision – Optimal Decision – Decision Tree Analysis and its steps - Linear Programming - Concept- Assumptions - Formulation of Linear Programming Problems - Solutions - Graphic Method.

**TEXT BOOKS**

1. Statistical Methods -S.P.Gupta

**REFERENCE BOOKS**

- 1.Mathematical Analysis for Economics - Alien. R.G.D.
- 2.Statistical and Quantitative Methods - By RanjitChitale
- 3.Fundamentals of Mathematical Economics - Chiang A.C.
- 4.Statistics for Management - Levin and Rubin
- 5.Quantitative Techniques Vol. 1 and 2 -L.C.Jhamb
- 6.Statistics and Quantitative Techniques -M.G.Dhaygude
- 7.Quantitative Techniques -N.D.Vohra

**WEB RESOURCES**

- 1.[http:// www.siberindia.edu.in](http://www.siberindia.edu.in)
2. <http://www.sse.ac.in>

**COURSE OUTCOMES**

On successful completion of the course, students will be able to

S. NO.	COURSE OUTCOME	BLOOMS VERB
CO1	Understand the meaning and objective of Quantitative Techniques	Remember
CO2	Understand the concept of testing of Hypothesis	Understand
CO3	Understand the application of ANOVA	Apply
CO4	Construct Correlation and Regression models.	Apply
CO5	Demonstrate the statistical decision theory and Apply the Linear Programming model	Apply

**MAPPING WITH PROGRAM OUTCOMES**

COs	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	PSO9	PSO10
CO1	M	S	L				M	S	S	L
CO2		M	S	M		L	M		S	L
CO3		S		M		L		M	S	
CO4	S	L				L	L	M	S	M
CO5	S	M	S	M	M	L	-	-	-	L

S- Strong; M-Medium; L-Low

## SEMESTER I

Course code	Course name	Lecture(L)	Tutorial(T)	Practical(P)	Credit
21PEC03 CORE COURSE-III	INTERNATIONAL TRADE AND POLICY			-	5

**OBJECTIVE**

1. To accumulate knowledge in International Trade theories and International Economic Organisations.

**SYLLABUS****UNIT I**

6 HOURS

**INTERNATIONAL TRADE THEORIES**

Haberler's theory of opportunity cost-The Heckscher-ohlin theory-Stoper-Samuelson-The Kravis theory of Availability-Linder's theory of volume of Trade and Demand-Posner's technological Gap theory

**UNIT II**

6 HOURS

**BALANCE OF PAYMENTS**

Structure-dis equilibrium in balance of payment-Adjustment mechanism of balance of payment-Automatic Price Adjustment: Gold standard-Flexible Exchange Rates-The Elasticity approach-Absorption Approach-Monetary approach.

**UNIT III**

7 HOURS

**FOREIGN EXCHANGE RATE POLICY**

Fixed Exchange Rate-Merits and Demerits-Flexible Exchange Rate: Advantages and Disadvantages-structure of Foreign Exchange Market-Method of Foreign payments-spot and Forward Exchange Market.

**UNIT IV**

7 HOURS

**INTERNATIONAL FINANCIAL INSTITUTIONS**

International Monetary Fund (IMF)- Functions-Organisation-structure-Working of fund-SDRs and its Uses-India and IMF-GATT-WTO-structure-objectives-Functions-WTO Agreement-International Liquidity-Breton Woods - Problems-Measures to solve problems of International Liquidity-European Union-Objectives-Organisation-Working and Achievements.

**UNIT V**

7 HOURS

**INTERNATIONAL ECONOMIC INTEGRATION**

Foreign Aid and Capital: Types of Foreign Aid-Role of in Economic Development-Types of International capital movement-Factors Affecting International capital movements-Impact of

Foreign capital-Foreign Capital in India-New International Economic order(NIEO)-Objectives-Features-Implementations of NIEO Programme.

**TEXT BOOKS**

1. JHINGAN M.L “International Economics”

**REFERENCE BOOKS**

1. PAUL R. KRUGMAN & MAURICE OBSTFELD “International Economic theory and policy”
2. DENNIS R.APPLEYARD & ALFRED J.FIELD J.R “International Economics”
3. MITHANI D.M “International Economics”
4. FRANCIS CHERUNILAM “International Economics”

**WEB RESOURCES**

1. [www.imf.org](http://www.imf.org)
2. [www.who.org](http://www.who.org)
3. [www.yourarticlelibrary.com](http://www.yourarticlelibrary.com)

**COURSE OUTCOMES**

On successful completion of the course, students will be able to

S. NO.	COURSE OUTCOME	BLOOMS VERB
CO1	Be familiar with the International Trade theories and methods of trade with various cost differences.	Remember
CO2	Develop the students to appraise the Balance of payments position and Bring out ideas to solve the problem of disequilibrium in BOPs.	Understand
CO3	Obtain knowledge in Fixed and Stable exchange Rate with respect to its merits and demerits and understand this Foreign Exchange settlement.	Apply
CO4	Identify the role and functions of IMF, GATT and WTO Agreements in Economic development and also understand the Nature of problems of International Liquidity.	Apply
CO5	Deeply analyse the flow of capital across the countries and its effect on Economic perspective.	Apply

**MAPPING WITH PROGRAM OUTCOMES**

COs	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	PSO9	PSO10
CO1	S	L	S				M	L	S	M
CO2		L	S	M		L	M		S	L
CO3		S		M		L		M	S	L
CO4	S	L				L	L	M	S	
CO5	S	M	S	M	M	L	-	-	-	L

S- Strong; M-Medium; L-Low

## SEMESTER I

Course code	Course name	Lecture(L)	Tutorial(T)	Practical(P)	Credit
21PEC04CORE COURSE-IV	FINANCIAL ECONOMICS			-	5

**OBJECTIVE**

1. This paper provides understand of operation, organisation of financial system as a whole.

**SYLLABUS****UNIT I**

6 HOURS

Nature and Scope of Finance-Finance Functions-Role of Financial Economist-Structure of Financial System-Financial system and Economic Development.

**UNIT II**

6 HOURS

Structure of Financial Markets-Financial Institutions of Financial System in India-Structure of Capital Market and Money Market-Classification of Financial Instruments-Negotiable Instruments-Types of Treasury Bills, Commercial Bill-Commercial papers-CDs-Debentures.

**UNIT III**

7 HOURS

Investment-Factors for investment-Types of Risks-Types of Return of Investment-Risk-Return Trade off-Investment Alternatives-Types of Bonds-Preference Shares-Equity Shares.

**UNIT IV**

7 HOURS

The Securities and Exchange Board of India (SEBI)-powers, scope, Functions of SEBI-New issue market-Secondary market-Mechanics of Security Trading in stock Exchanges-Option-Futures Forward Swaps and it's types-Hedging.

**UNIT V**

7 HOURS

Mutual Funds and its Types and Benefits-Lease-Hire purchase-Project Financing and its Feature-Venture capital and Methods-Mergers and Acquisitions- Types and Benefits.

**TEXT BOOKS**

- 1.B.Santhanam "Financial Services", Margham Publications



**REFERENCE BOOKS**

1. L.M. Bhole, Jitendra Maha Kud-“Financial Institutions and Markets”.
2. I.M. Pandey-“Financial Management”.
3. Preeti Singh-“Investment Management”(Securing analysis and portfolio Management)
4. M.Y. Khan-“Indian Financial System”
5. Jhan Hull-“Options, Future, and Others Derivatives.

**WEB RESOURCES**

1. [www. stock exchange.com](http://www.stockexchange.com)

**COURSE OUTCOMES**

On successful completion of the course, students will be able to

S. NO.	COURSE OUTCOME	BLOOMS VERB
CO1	Understand the nature and scope of financial system.	Remember
CO2	Analyse the financial markets and financial institutions.	Understand
CO3	Get an insight about the various types of risks.	Apply
CO4	Gain knowledge on SEBI	Apply
CO5	Understand about mutual funds.	Apply

**MAPPING WITH PROGRAM OUTCOMES**

COs	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	PSO9	PSO10
CO1	S	M	S				M	L	S	L
CO2		L	S	M		L	M		L	
CO3		M		M		L		M	S	L
CO4	S	L				L	L	M	S	
CO5	S	M	S	M	M	L	-	-	-	L

S- Strong; M-Medium; L-Low

## SEMESTER I

Course code	Course name	Lecture(L)	Tutorial(T)	Practical(P)	Credit
<b>21PECM1 MAJOR BASED ELECTIVE COURSE-I</b>	<b>ECONOMICS OF GROWTH AND DEVELOPMENT</b>			-	<b>4</b>

**OBJECTIVE**

1. Economic growth and development forms the basic Theoretical foundation of the core subject. The Concepts, Theories and diagrammatical representations use the most important Theoretical tools that help the student to understand the subject.

**SYLLABUS****UNIT I**

6 HOURS

**CONCEPT AND FACTORS**

Economics of Development-Concepts and approaches-Economic growth and economic development-Indicators of Economic growth-indicators of economic development sustainable development-policies for sustainable development Importance of institutions.

**UNIT II**

6 HOURS

**THEORIES OF ECONOMIC DEVELOPMENT**

Perpetuation of under development-Measurement of development Classical theory- laissez faire policy-capital accumulation Marxian theory-The Schumpeterian theory-approaches to development-Balanced growth-Minimum effort thesis-The Big Push theory.

**UNIT III**

7 HOURS

**GROWTH MODEL**

The Harrod- Domar model-Joan Robinson's model of capital Accumulation-Models of Technical change-The Solow model of long run growth-steady state growth - Kaldor's model of growth – the Mahalanobis model

**UNIT IV**

7 HOURS

**MEASURES FOR ECONOMIC GROWTH**

Importance of agriculture and industry in Economic development-population growth and Economic development-Capital formation and Economic development-Fiscal policy

and Economic development-Human capital formation and Man power planning-The role of monetary policy in Economic development.

UNIT V

7 HOURS

## SOCIAL AND INSTITUTIONAL ASPECTS OF ECONOMIC DEVELOPMENT

Indicators and measurement of poverty-Poverty in India causes of poverty, poverty alleviation programmes. Economic inequalities in India-growth vs. equality-Estimates of inequality-causes and policy measures. planned growth with social justice-foreign capital and technology in India.

### TEXT BOOKS

1. M.L. Jhingan-"The Economics of Development and planning"

### REFERENCE BOOKS

1. K.K.Deweth and Satish Madhavan "Economics of growth and Development".
2. Adelman-"Theories of Economic growth and Development".

### WEB RESOURCES

1. www. growth and planning.com

### COURSE OUTCOMES

On successful completion of the course, students will be able to

S. NO.	COURSE OUTCOME	BLOOMS VERB
CO1	Understanding about the concepts and approaches to economic development.	Remember
CO2	Understand the various Theories of economic development.	Understand
CO3	Provide an idea about the various growth models.	Apply
CO4	Know the suitable measures for economic development.	Apply
CO5	Have useful understanding about social and institutional aspects of economic development	Apply

**MAPPING WITH PROGRAM OUTCOMES**

COs	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	PSO9	PSO10
CO1	S	M	S				M	L	S	L
CO2		S	M	M		L	M		L	
CO3		S		M		L		M	S	M
CO4	S	L				L	L	M	S	L
CO5	S	M	S	M	M	L	-	-	-	M

S- Strong; M-Medium; L-Low

## SEMESTER I

Course code	Course name	Lecture(L)	Tutorial(T)	Practical(P)	Credit
<b>21PECM2 MAJOR BASED ELECTIVE COURSE- II</b>	<b>WOMEN STUDIES AND DEVELOPMENT</b>			-	4

**OBJECTIVE**

1. To create awareness among the students about positive perception and to create gender sensitivity among the students.

**SYLLABUS**

**UNIT I** 6 HOURS

Meaning and Need for women's studies —scope of women studies — Feminism and Marxist Feminism Theories —Radical Feminism Theories.

**UNIT II** 6 HOURS

Changing Role of Women —Women Empowerment —Meanings, Nature, objectives-Determinants of Women Empowerment - Human Rights for woman's.

**UNIT III** 7 HOURS

Concepts of Gender —Gender Discrimination in social, Educational, Economical, Political and health —Violence and Crime against Women and its impact — Woman and Environment — Need for gender budgeting.

**UNIT IV** 7 HOURS

Status of women in India — Women and education — gender — Sex Ratio — Mortality and morbidity factors — Women in Informal and formal sectors (In support with statistical data) — women and Employment.

**UNIT V** 7 HOURS

Gender and Women development in India and five year plans — Political participation of Women —Role of women in Media—Importance of Women Entrepreneurship —women and child development welfare programs in India, Act and Legal dimensions for women (in support with statistical data for all concepts).

**TEXT BOOKS**

1. S. K. Ghosh – Women in a changing society

**REFERENCE BOOKS**

1. L. Thara Bai – Women Studies in India
2. ArunaGoel – Women Development and Empowerment
3. Dutt&Sundaram – Indian Economy

**WEB RESOURCES**

1. [www.en.m.wikipedia.org](http://www.en.m.wikipedia.org)

**COURSE OUTCOMES**

On successful completion of the course, students will be able to

S. NO.	COURSE OUTCOME	BLOOMS VERB
CO1	Understand the meaning and importance of women studies.	Remember
CO2	Analyse the meaning and role of women empowerment.	Understand
CO3	Trace the Gender Discrimination and violence against women in India.	Apply
CO4	Understand the status of women in India.	Apply
CO5	Know the Role of women in Media and Importance of Women Entrepreneurship.	Apply

**MAPPING WITH PROGRAM OUTCOMES**

COs	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	PSO9	PSO10
CO1	M	S	L				M	S	L	M
CO2		S	S	M		L	M		S	L
CO3		M		M		L		M	S	L
CO4	L	S				L	L	M	L	
CO5	S	M	S	M	M	L	-	-	-	M

S- Strong; M-Medium; L-Low



## SEMESTER II

Course code	Course name	Lecture(L)	Tutorial(T)	Practical(P)	Credit
<b>21PEC05 CORE COURSE-V</b>	<b>WELFARE ECONOMICS</b>			-	5

**OBJECTIVE**

1. To give a overall picture of welfare Economics. And also to Compare and discuss relationship of economic and social policies.

**SYLLABUS**

## UNIT I

6 HOURS

**INTRODUCTION, PIGOVIAN WELFARE ECONOMICS & EXTERNALITIES**

Introduction –meaning of welfare economics -Positive economics and welfare economics -Economic and General welfare - Role of value Judgements in welfare economics - Pigovian welfare conditions -Analysis of externalities: causes of Divergences between Private and social costs and returns – Remedial measures - Pigou’s ideal output.

## UNIT II

6 HOURS

**MARGINAL CONDITIONS OF PARETIAN OPTIMUM**

The Concept of economic efficiency – Marginal conditions: the optimum condition of exchange - the optimum condition of factor substitution – optimum degree of specialisation – optimum factor-product utilisation - the optimum condition of product substitution - the optimum condition for intensity of factor use - the optimum inter-temporal condition – criticisms.

## UNIT III

7 HOURS

**NEW WELFARE ECONOMICS AND SOCIAL WELFARE FUNCTION**

The Compensation Criteria - The Kaldor- Hicks Criterion –Scitovsky Criterion - Bergson -Samuelson’s Social Welfare Function - Arrow’s Impossibility theorem -Rawl’s theory of Justice.

## UNIT IV

7 HOURS

**MAXIMISATION OF SOCIAL WELFARE**

Introduction -Assumptions -From production function to the production possibility curve -From the production possibility curve to the Grand utility possibility curve - From the Grand utility possibility curve to the point of Constrained Bliss - Trade -off between efficiency and equity - The theory of second best.

## UNIT V

7 HOURS

**THEORY OF SEARCH, ASYMMETRIC INFORMATION: ADVERSE SELECTION AND MORAL HAZARD**

Theory of search: Stigler Model – Rothschild’s Model – Asymmetric information: adverse selection – pooling and guarantees – moral hazard –market signaling.

**TEXT BOOKS**

1. Jhingan.M.L. - Advanced Economic Theory

**REFERENCE BOOKS**

1. Misra.S.K. &Puri.V.K. - Advanced Micro Economic Theory
- 2.Ahuja.H.L. - Advanced Micro Economic Theory

**WEB RESOURCES**

- 1.<https://www.yourarticlelibrary.com/economics/duopoly>
2. youtube.com/watch?v=B6HaViqQnQK
3. en.wikipedia.org>wiki>general-equilibrium-theory

**COURSE OUTCOMES**

On successful completion of the course, students will be able to

S. NO.	COURSE OUTCOME	BLOOMS VERB
CO1	Understand the concept of Economic welfare, General Welfare and Pigovian welfare conditions	Remember
CO2	Interpret the various marginal conditions of Paretian Optimum	Understand
CO3	Know about new welfare Economics	Apply
CO4	Understand to Construct Grand Utility possibility curve	Apply
CO5	Expose to the applied welfare and public economics literatures	Apply

**MAPPING WITH PROGRAM OUTCOMES**

COs	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	PSO9	PSO10
CO1	S	M	S				M	L	S	L
CO2		M	S	M		L	M		S	
CO3		S		M		L		M	S	L
CO4	M	S				L	L	M	S	
CO5	L	S	S	M	M	L	-	-	-	L

S- Strong; M-Medium; L-Low

## SEMESTER II

Course code	Course name	Lecture(L)	Tutorial(T)	Practical(P)	Credit
21PECO6 CORE COURSE- VI	RESEARCH METHODOLOGY			-	5

**OBJECTIVE**

This Paper attempts to explore the knowledge on research with reference to social science. It provides basic concepts on research methodology for young scholars to pursue research.

**SYLLABUS****UNIT I**

6 HOURS

**RESEARCH METHODOLOGY: AN INTRODUCTION**

Meaning, Objectives and Motives of Research-Research in Basic and Social Sciences-Types of Research-Research Methods and Methodology-Criteria of Good Research-Problems of Researchers in India – Primary Data and Secondary data.

**UNIT II**

6 HOURS

**RESEARCH PROBLEM AND SCALING TECHNIQUES**

Research Problem-Meaning-Need ,Selection and Technique Involved in Defining a Problem-Scaling-Scaling Techniques-Comparative and Non-Comparative Scaling Techniques-Multi-Dimensional Scaling.

**UNIT III**

7 HOURS

**RESEARCH DESIGN**

Research Design-Meaning -Parts of Research Design-Features of a Good Design-Different Types of Research Designs-Exploratory Research Studies-Descriptive Research Studies-Experimental Designs-Formal Experimental Designs- Randomized Block Design-Latin Square Design.

**UNIT IV**

7 HOURS

**DATA PREPARATION AND HYPOTHESIS FORMULATION**

Data Preparation Process-Questionnaire Checking-Editing - Coding - Classification-Tabulation -Hypothesis-Meaning-Characteristics-Null Hypothesis-Alternative Hypothesis-Type I and Type II Errors.

**UNIT V**

7 HOURS

**RESEARCH REPORT WRITING**

Significance of Report Writing-Different Steps in Writing Report-Layout of the Research Report - Mechanics of Writing a Research Report -Precautions for Writing Research Reports.

**TEXT BOOKS**

1. C.R.Kothari- Research Methodology

**REFERENCE BOOKS**

1. IC.T.Kurian-Research Methods in Social Sciences
2. D.R.Krishnasamy-Methodology of Research in Social Sciences

**WEB RESOURCES**

1. [www.research.net](http://www.research.net)

**COURSE OUTCOMES**

On successful completion of the course, students will be able to

S. NO.	COURSE OUTCOME	BLOOMS VERB
CO1	Develop interest on Research by understanding the basic concepts.	Remember
CO2	Properly select and approach a research problem.	Understand
CO3	Understand the concept of research design	Apply
CO4	Understand how to construct questionnaire and collect data.	Apply
CO5	Have an awareness on developing research writing skills.	Apply

**MAPPING WITH PROGRAM OUTCOMES**

COs	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	PSO9	PSO10
CO1	S	M	L				M	S	L	M
CO2		M	L	M		L	M		S	
CO3		S		M		L		M	S	L
CO4	M	L				L	L	M	S	
CO5	M	S	L	M	M	L	-	-	-	M

S- Strong; M-Medium; L-Low

## SEMESTER II

Course code	Course name	Lecture(L)	Tutorial(T)	Practical(P)	Credit
21PECO7 CORE COURSE- VII	<b>BASIC ECONOMETRICS</b>			-	5

**OBJECTIVE**

To understand the basis of Econometrics and its applications in Economic Research

**SYLLABUS**

UNIT I 6 HOURS

**INTRODUCTION**

Definition and Scope of Econometrics-Models in Econometrics - Limitations - Goals and Methodology of Econometrics research.

UNIT II 6 HOURS

**SIMPLE LINEAR REGRESSION**

Simple linear Regression model -Basic assumption of Linear StochasticRegression Model - OLS estimators - properties of Least Square Estimates - BLUE -Relation between Regression and Correlation-  $R^2$

UNIT III 7 HOURS

**MULTIPLE REGRESSION**

Multiple Regression Model (maximum 3 variables) –Productionfunction - Cobb - Douglas production function - CES production function - Growth Curves - Estimation of Non - linear relationship.

UNIT IV 7 HOURS

**MULTICOLLINEARITY AND HETROCEDASTICITY**

Multicollinearity -Solution to Multicollinerity- HetrocedasiticityTesting of Hetroscedasiticity-Spearman Rank Correlation Test- Causes andConsequence of Hetrosecdasiticity.

UNIT V 7 HOURS

**AUTOCORRELATION**

Autocorrelation -Positive and Negative Autocorrelation -Testing forAutocorrelation - Solution for Autocorrelation – Durbin Watson Test - Dummy variables- Application of Computer in Econometrics

(Note: The question setters should ask problem and calculation in the Unit II & III only)

### TEXT BOOKS

1. Dhanasekaran K. Econometrics

### REFERENCE BOOKS

1. Koutsoyiannis Theory of Econometrics
2. Damoder N. Dawn C Porter and Gujararti Sangeetha- Basic Econometrics
3. Klein L.R. An Introduction to Econometrics
4. Wonnacott. R.J. & Wonnacott T.H. Econometrics
5. Johnson and Johnson – Econometric Methods

### WEB RESOURCES

1. [www.ssc.wise.edu](http://www.ssc.wise.edu)
2. [www.academia.edu](http://www.academia.edu)
3. [www.econometricsociety.org](http://www.econometricsociety.org)

### COURSE OUTCOMES

On successful completion of the course, students will be able to

S. NO.	COURSE OUTCOME	BLOOMS VERB
CO1	Understand the basic concepts of Econometrics.	Remember
CO2	Analyse the Simple linear Regression model.	Understand
CO3	Understand the applicability of Multiple regression model.	Apply
CO4	Develop knowledge on Multicollinerity and Hetrocedasiticity testing.	Apply
CO5	Have an awareness on testing for auto-correlation	Apply



**MAPPING WITH PROGRAM OUTCOMES**

COs	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	PSO9	PSO10
CO1	S	M	L				M	S	L	M
CO2		S	S	M		L	M		L	M
CO3		S		M		L		M	S	L
CO4	S	M				L	L	M	S	
CO5	M	S	L	M	M	L	-	-	-	L

S- Strong; M-Medium; L-Low

**SEMESTER II**

Course code	Course name	Lecture(L)	Tutorial(T)	Practical(P)	Credit
<b>21PEC08 CORE COURSE- VIII</b>	<b>INTERNATIONAL BUSINESS MANAGEMENT</b>			-	5

**OBJECTIVE**

2. This subject helps to understand and apply economic reasoning in International business decision making.

**SYLLABUS****UNIT I**

6 HOURS

**INTRODUCTION**

Introduction to International Business-Nature-Drivers of National Business-International marketing and International business-Factors for international business-Internationalisation stages and orientation-International business decisions-Drivers and retainers of global business-Strategies of going international.

**UNIT II**

6 HOURS

**INTERNATIONAL BUSINESS ENVIRONMENT**

Economic Environment- socio-Political Environment Legal Environment-Cultural Environment-Demographic, Regulatory Environment-Natural Environment-Technological Environment-Technology Transfers and process.

**UNIT III**

7 HOURS

**INTERNATIONAL MARKET STRATEGY**

Economic Environment-Socio-International Business intelligence-sources-International Strategic Management and Process-Marketing Research-International Market Selection Process and its determinants-Market entry strategies-Market coverage strategies-MNCs and its growth in India.

## UNIT IV

7 HOURS

**FOREIGN TRADE FINANCE**

Financing of International Trade-payment terms in foreign trade-Documents in International Trade-Financing techniques in foreign trade-Export financing and Institutional support for foreign trade-EXIM Bank and its functions-factors affecting international investment-Growth of foreign Direct Investment in India.

## UNIT V

7 HOURS

**INTERNATIONAL OPERATION MANAGEMENT**

Nature of operation Management-MNCs and strategic issues-Nature of International Financial Management-Factors constraining MNCs effort to maximize returns-scope of international Financial Management-MNCs and it growth in India.

**TEXT BOOKS**

1. ASWATHAPPA “International Business”

**REFERENCE BOOKS**

1. FRANCIS CHERNIDLAM “International Business Text”
2. SHAILAJA G “International Finance”
3. BENEH “International Business”
4. KAPOOR D.C “Export Management”
5. APTE P.G “International Financial Management”

**WEB RESOURCES**

1. [www.who.org](http://www.who.org)
2. [www.yourarticlelibrary.com](http://www.yourarticlelibrary.com)

**COURSE OUTCOMES**

On successful completion of the course, students will be able to

S. NO.	COURSE OUTCOME	BLOOMS VERB
CO1	Have a though understanding of Nature and scope of International Business and Gain Knowledge in strategies for going International Business.	Remember
CO2	Scan the international environment for conducting foreign Trade and accumulation of Knowledge in Technology transfers among the countries.	Understand
CO3	Be aware of International Business intelligence and market selection process/strategies.	Apply
CO4	Know and identify the source of Trade finance and their Institutional support for Foreign Trade and Document used in International Business.	Apply
CO5	Deliver effectively the International Business Operation of MNCs and attain the knowledge in International financial Management.	Apply

**MAPPING WITH PROGRAM OUTCOMES**

COs	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	PSO9	PSO10
CO1	S	M	S				M	S	L	L
CO2		L	S	M		L	M		L	M
CO3		S		M		L		M	S	L
CO4	S	M				L	L	M	S	
CO5	S	M	S	M	L	L	-	-	-	L

S- Strong; M-Medium; L-Low

## SEMESTER II

Course code	Course name	Lecture(L)	Tutorial(T)	Practical(P)	Credit
<b>21PECM3 MAJOR BASED ELECTIVE COURSE- III</b>	<b>POPULATION STUDIES</b>			-	<b>4</b>

**OBJECTIVE**

1. To make the students aware off the demographic aspects of India. To have an idea of the salient features of population policy in India.

**SYLLABUS****UNIT I**

6 HOURS

Nature, Scope and Evolution of population studies -relationship between population studies and other Disciplines- Malthusian Theory of Population-Optimum Population Theory - Theory of Demographic Transition.

**UNIT II**

6 HOURS

Sources and Types of Demographic Data-Uses and Limitations –steps involved in taking a National census-New features of census of India 2001-Vital statistics-uses, civil registration in India-Sample surveys-Dual Report system-Population registers-International Publications.

**UNIT III**

7 HOURS

Concept of population change and balancing equation-Age sex structure-factors affecting overall sex ratio-factors-determining age structure of population-mortality-reasons for high mortality-causes for mortality decline in developing countries.

**UNIT IV**

7 HOURS

Types and sources of Error in Demographic Data-Post Enumeration Check-Measurement of Errors-Wipple's Index Myer's Index-United Nation Joint Score Method.

## UNIT V

7 HOURS

Population growth in India- Current population situation in India-Population policy-family planning-Meaning, importance and methods of family planning-population projection.

**TEXT BOOKS**

1. Asha A.Bhende of Tara Kanitkar –“Principles of population studies”

**REFERENCE BOOKS**

1. Bhahi, H .S.Ageing and Society, The Arya’s Books Centre Publisher Udaipur.
2. Bhende, A And T.Kanitkar principles of population studies, (1982) Himalaya publishing house, Mumbai.
3. Misha, B.D. An Introduction to the study of population south asian publisher’s Delhi.
4. Pathak, K.B and F.Ram: Techniques of Demographic Analysis, Himalaya.

**WEB RESOURCES**

1. [www.encyclopedia.com](http://www.encyclopedia.com)
2. [www.who.org](http://www.who.org)
3. [www.yourarticlelibrary.com](http://www.yourarticlelibrary.com)

**COURSE OUTCOMES**

On successful completion of the course, students will be able to

S. NO.	COURSE OUTCOME	BLOOMS VERB
CO1	Understand the nature, scope of population studies.	Remember
CO2	Analyse features of census of India.	Understand
CO3	Know the vital statistics of Indian population.	Apply
CO4	Analyse the various types of sources of error in demographic data.	Apply
CO5	Highlight the features of India’s population policy and know the population projections.	Apply

**MAPPING WITH PROGRAM OUTCOMES**

COs	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	PSO9	PSO10
CO1	S	M	S				M	L	L	L
CO2		L	S	M		L	M		S	M
CO3		S		M		L		M	L	
CO4	M	S				L	L	M	S	L
CO5	S	M	S	M	M	L	-	-	-	M

S- Strong; M-Medium; L-Low

**SEMESTER II**

Course code	Course name	Lecture(L)	Tutorial(T)	Practical(P)	Credit
21PECM4Major Based Elective Course-IV	Economics of Social Issues			-	4

**OBJECTIVE**

To make the students understand the role, importance and different issues of Social sector in the economy

**SYLLABUS****UNIT I**

6 HOURS

**ECONOMICS OF EDUCATION**

Introduction-scope of economics of education-Education as consumption and investment goods-Education and economic growth- costof education-expenditure on education-private cost and social cost- direct cost and indirect cost.

**UNIT II**

6 HOURS

**EDUCATIONAL PLANNING ANDFINANCING**

Approaches to educational planning-educational planning in developing countries-and with special reference to India—Role of financing in educational development-educational financing in India-equity and efficiency effects of financing education in India.

**UNIT III**

7 HOURS

**HEALTH ECONOMICS**

Concepts-definition-components-Measures of Health status-Economic evaluation of health care-health care markets-demand for health care-supply side considerations-market for health insurance.



## UNIT IV

7 HOURS

**PUBLIC POLICY ON HEALTH AND DEVELOPMENT DIMENSIONS**

Public policy in health care delivery-role of state-health dimension of development-poverty and malnutrition-inequalities in health-class and gender perspectives-health care in India: Post reform scenario.

## UNIT V

7 HOURS

**HOUSING PROBLEMS**

Housing conditions in India-measures to improve housing – Housing Boards-Urban Planning and Land Policy-rural housing.

**TEXT BOOKS**

1. MISRA & PURI “Indian Economy”.

**REFERENCE BOOKS**

1. DATT.R & SUNDHARAM K.P.M “**Indian Economy**” S.Chand & Company Ltd., New Delhi.
2. UMA KAPILA “**Understanding the Problems of Indian Economy**” Academic Foundation, New Delhi.
3. DHINGRA I.C. “**Indian Economy**”S.Chand & Company Ltd., New Delhi.

**WEB RESOURCES**

1. <https://niti.gov.in, www.india.gov.in>
2. <https://commerce.gov.in>

**COURSE OUTCOMES**

On successful completion of the course, students will be able to

S. NO.	COURSE OUTCOME	BLOOMS VERB
CO1	Understand the role and importance of education in the economy	Remember
CO2	Interpret the role of financing in educational development.	Understand
CO3	Acknowledge the various health status in India	Apply
CO4	Evaluate the role of Public policy in health care delivery system	Apply
CO5	Trace the prevailing Housing conditions in India	Apply

**MAPPING WITH PROGRAM OUTCOMES**

COs	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	PSO9	PSO10
CO1	S	M	M				M	L	S	L
CO2		S	S	M		L	M		S	L
CO3		S		M		L		M	S	M
CO4	S	L				M	L	M	S	L
CO5	S	M	L	M	M	L	-	-	-	L

S- Strong; M-Medium; L-Low

## SEMESTER I

Course code	Course name	Lecture(L)	Tutorial(T)	Practical(P)	Credit
<b>21PCNM2 ELECTIVE COURSE: II For M.Com Cooperation</b>	<b>LABOUR ECONOMICS</b>			-	5

**OBJECTIVE**

1. To understand the nature of Indian labour market. To know the overall picture of labour unions and labour welfare measures.

**SYLLABUS****UNIT I** 6 HOURS

Meaning – Concept – Significance – Peculiarities of Labour - Nature and Scope – Importance of Labour Economics.

**UNIT II** 6 HOURS

Characteristics of Indian Labour Market – Agricultural labour – Child Labour - Labour in unorganized sector.

**UNIT III** 7 HOURS

Meaning of Labour migration – Effects of Migration – Absenteeism of Industrial Labour in India – Causes – Effects and Remedies of Absenteeism – Labour Turnover – Causes of low Labour Turnover in India – Remedies to improve the Labour Turnover.

**UNIT IV** 7 HOURS

Growth – Pattern – Structure and Achievements of Labour unions in India - Causes of Industrial Disputes - Settlement and Prevention Mechanisms – Theory of Collective Bargaining – Current trends in Collective Bargaining.

**UNIT V** 7 HOURS

Various Social Security and Labour Welfare measures adopted by Government of India and Tamilnadu - Important Labour Legislations in India and their implications.

**TEXT BOOKS**

1. Dr. S.SANKARAN “Labour Economics”.

**REFERENCE BOOKS**

1. Venkata Ratnam.C.S.(2001) – Globalisation and Labour – Management Relations, Dynamics of changes , Sage Publications, NewDelhi.
2. Papola . T.S., P.P. Ghose & A.N. Sharma (EOS)(19993) – Labour employment:Industrial Relations in India , B.R. Publicating Corporation.
3. Praveen Jha.B.R. – Agricultural Labour in India , Vikas Publications,2001.

**WEB RESOURCES**

1. [www.encyclopedia.com](http://www.encyclopedia.com)
2. [www.yourarticlelibrary.com](http://www.yourarticlelibrary.com)
4. [www.opentextbooks.org](http://www.opentextbooks.org)

**COURSE OUTCOMES**

On successful completion of the course, students will be able to

S. NO.	COURSE OUTCOME	BLOOMS VERB
CO1	Understand the scope and importance of Labour economics	Remember
CO2	Properly understand the Characteristics of Indian Labour Market	Understand
CO3	Analyse the Effects of Migration and concept of Labour Turnover	Apply
CO4	Create awareness on labour unions in India.	Apply
CO5	Understand the various social security measures.	Apply

**MAPPING WITH PROGRAM OUTCOMES**

COs	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	PSO9	PSO10
CO1	M	L	S				M	S	S	L
CO2		M	S	M		L	M		S	L
CO3		S		M		L		M	S	M
CO4	S	M				L	L	M	S	
CO5	S	L	S	M	M	L	-	-	-	M

S- Strong; M-Medium; L-Low

## SEMESTER III

Course code	Course name	Lecture(L)	Tutorial(T)	Practical(P)	Credit
<b>21PEC09 CORE COURSE- IX</b>	<b>INDUSTRIAL ECONOMICS</b>			-	5

**OBJECTIVE**

To introduce to the students the various concepts and frame work of study of industrial Economics particularly to provide an in-depth knowledge to the students on the issues of Industrialization, Industrial Location, Industrial Organization, Industrial Productivity and Industrial Policy.

**SYLLABUS**

## UNIT I

6 HOURS

**INDUSTRIALISATION AND MARKET STRUCTURE**

Meaning of industrialization -Characteristics and Pattern of industrialisation-Role of industrialisation in Economic development-Factors inhibiting industrialization - Concept of plant, firm and industry-Classification of industry.

## UNIT II

6 HOURS

**INDUSTRIAL LOCATION**

Location of industry-Factors affecting localization - Weber's theory of location-Sargent Florence's inductive analysis-Regional Imbalance-Factors of Regional Imbalance-Estimates of Regional Disparities-Regional Disparity and Economic plans-Pande Committee reports-Wanchoo Committee.

## UNIT III

7 HOURS

**INDUSTRIAL ORGANISATION**

Organisational forms-state/public sector enterprises-Characteristic features of state enterprises-Benefits from public sector enterprises-Private sector-Characteristics of private enterprise-Joint sector-Characteristics features of joint-stock companies-Types of co-operatives-Factors of measuring the size of an industrial unit-Equilibrium firm-factors determining optimum size-Economies of scale.

## UNIT IV

7 HOURS

**RATIONALISATION IN INDUSTRY**

Definition of rationalisation-Aspects of rationalization-Benefits of rationalisation-Industrial productivity-Measurement of productivity-Tools of industrial productivity-Factors influencing industrial productivity-Cost-Benefit Analysis- Net present value criterion- MSMEs.

## UNIT V

7 HOURS

**INDUSTRIAL POLICIES AND FINANCE**

Industrial policies and financing systems in India-Capital markets-Money markets - Shares, Debentures-market securities- Institutional Financing viz; SFC's, IFCI, ICICI, IDBI, EXIM Bank-Stock markets in India-Industrial labour in India-National wage policy in India.

**TEXT BOOKS**

- Ranjana seth-"Industrial Economics"

**REFERENCE BOOKS**

1. Cherunilam francis-"Industrial Economics: Indian Perspective
2. Barthwal R.R.,-"Industrial Economics"
3. Gadgil P.G and Gadgil-"Industrial Economy of India"
4. Kuchall S.C-"Industrial Economy of India"
5. Shivayya and Das-"Indian Industrial Economy"
6. Sinha V.C-"Industrial Economics"

**WEB RESOURCES**

1. <https://www.yourarticlelibrary.com/industries/location-selection/sargent-florences-theory-of-location-definition-factors-and-criticism/38894>
2. <https://www.yourarticlelibrary.com/industries/plant-location/10-important-factors-affecting-plant-location/90132>
3. <https://www.iasnext.com/study-material/2021/01/02/development-finance-institutions-ifci-icici-sidbi-idbi-uti-lic-gic/>

**COURSE OUTCOMES**

On successful completion of the course, students will be able to

S. NO.	COURSE OUTCOME	BLOOMS VERB
CO1	Understand the meaning of firm and industry and know the concept of market structure.	Remember
CO2	Describe the industrial location.	Understand
CO3	It will help to get knowledge on industrial organisational structure.	Apply
CO4	Measure the Industrial productivity,	Apply
CO5	It provides wide knowledge about industrial policy and industrial financing systems in India.	Apply

**MAPPING WITH PROGRAM OUTCOMES**

COs	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	PSO9	PSO10
CO1		M	S	S			M	L	S	L
CO2		S	M	M		L	M		S	
CO3		M		M		M		M	S	M
CO4	S	S				L	L	M	S	L
CO5	S	M	S	M	M	L	-	-	-	M

S- Strong; M-Medium; L-Low



## SEMESTER III

Course code	Course name	Lecture(L)	Tutorial(T)	Practical(P)	Credit
<b>21PEC10 CORE COURSE- X</b>	<b>MONETARY ECONOMICS</b>			-	5

**OBJECTIVE**

- Aims at building a Foundation of Monetary Theories.
- To trace out how demand and supply of money transmits changes in the economy.
- To make the students understand and analyze the effect of Monetary Policy on the overall economy.

**SYLLABUS****UNIT I**

6 HOURS

The Keynesian Approach to Demand for Money: Liquidity preference-Transaction demand, precautionary demand and speculative demand for money-Liquidity Trap-The Post Keynesian Approach- Baumol's Inventory Theory-Tobin's Portfolio Selection Model-Gurley and show on the Theory of Demand for Money-Monetarism Vs Keynesianism.

**UNIT II**

6 HOURS

Supply of Money-Monetary resources and Liquidity-Different approaches of money supply-RBI's Analysis of money supply-Determinants of Money Supply-High Powered Money-Money Multiplier-factors affecting-Adjusted H.

**UNIT III**

7 HOURS

Stock Vs Flow Analysis-Reconciliation between Two Approaches-Structure of Interest rates-Segmented Market Theory-Expectations Theory-Liquidity preference Theory-The preferred Habitat Theory.

**UNIT IV**

7 HOURS

Monetary policy- classical view-The Keynesian View-Strategies-Goals-Lags-choice of policy Instruments-Current Trends in RBI's Monetary policy-Demonetisation in India and its effects.

**UNIT V**

7 HOURS

International Monetary System-Problems and prospects-IMF-International Liquidity Problems-New International Monetary System-Special Drawing Rights-Role of Gold-Euro- Dollar market-Euro currency.

**TEXT BOOKS**

1. Jhingan,M.L., “Monetary Theory”, Vrinda Publications, New Delhi.

**REFERENCE BOOKS**

1. Don Patinkin, “Monetary Economics”, New York: Harper and Row,1972.
2. Gurley and shaw “Money in a theory of Finance” ,Cambridge: Harvard University Press, 1967.
3. K.C. Rana and K.N.Verma “Macro Economic Analysis”- Vishal Publishing Co., New Delhi 2014.

**WEB RESOURCES**

1. [Monetary Policy Definition \(investopedia.com\)](https://www.investopedia.com/terms/m/monetary-policy-definition.asp)
2. <https://youtu.be/ISQ1V6utVIU>
3. <https://youtu.be/jgEH1Zi6s7U>

**COURSE OUTCOMES**

On successful completion of the course, students will be able to

S. NO.	COURSE OUTCOME	BLOOMS VERB
CO1	Understand the Keynesian and post-Keynesian approach to demand for money.	Remember
CO2	Explore the determinants of money supply.	Understand
CO3	Make the students understand the terms structure of interest rates as well as stock and flow analysis.	Apply
CO4	Provide knowledge on the objectives and Characteristics of Monetary Policy.	Apply
CO5	Impart knowledge on the International Monetary system.	Apply

**MAPPING WITH PROGRAM OUTCOMES**

COs	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	PSO9	PSO10
CO1	M	S	L				M	S	S	L
CO2		M	S	M	M	L	M		S	L
CO3		M		M		L		M	S	
CO4	S	L			S	L	L	M	S	M
CO5	S	M	S	M	M	L	-	-	-	L

S- Strong; M-Medium; L-Low

## SEMESTER III

Course code	Course name	Lecture(L)	Tutorial(T)	Practical(P)	Credit
21PEC11 CORE COURSE- XI	ENVIRONMENTAL ECONOMICS			-	5

**OBJECTIVE**

To throw light on various concepts and theories of environmental economics. To enable the students to apply economic theories in to the environmental problems and come out with possible solutions.

**SYLLABUS**

## UNIT I

6 HOURS

**INTRODUCTORY CONCEPTS**

Environmental Economics-Definition-Scope and Significance of Environmental Economics-Ecology-Eco System-Components of an Eco System- Abiotic Factors-Biotic factors-The material Balance Model. Environment and Development issues in developing economics.

## UNIT II

6 HOURS

**EXTERNALITY AND MARKET CONDITIONS**

Externality and market failure-Meaning-Pareto efficiency-pollution externality and economic efficiency under perfect competition-Economics of externalities – Pecuniary Externalities-Technological Externalities-Externalities and efficiency in an imperfect market condition-The problem of second best.

## UNIT III

7 HOURS

**PROPERTY RIGHTS**

Tragedy of commons-Allocation of property rights-Implications-Coase Theorem with transactions cost-Pollution permits or certificates-Advantages and Limitations. Control of pollution using fiscal techniques-Pollution tax and Effluent Charges-Optimal effluent charge-subsidies.

## UNIT IV

7 HOURS

**COST-BENEFIT ANALYSIS**

Cost-Benefit Analysis-Steps involved in Cost-Benefit Analysis-Nature of costs and benefits in controlling pollution-optimum pollution point-advantages and limitations.

Conservation of resources-Meaning-Methods of conservation-Material substitution-product life extension-Recycling.

UNIT V

7 HOURS

### ENVIRONMENTAL POLICY

Environmental awareness-Ministry of Environment and forest in India-Water pollution (Prevention and control) Act 1974-Air pollution (Prevention and control) Act 1981-The Environment (Protection) Act 1986-Role of The National Environment policy in protecting the environment-Environmental Education in India.

#### TEXT BOOKS

1. Sankaran S., “Environmental Economics”, Marghan publications, Chennai.

#### REFERENCE BOOKS

1. Baumol W.J., “The Theory of Environmental policy” Cambridge university press.
2. Engine T, “Environmental Economics, Vrinda Publications(p) Ltd., New Delhi
3. Karpagam M, “Environment Economics- A Text Book Sterling Chennai.

#### WEB RESOURCES

1. [An Introduction To Environmental Economics and Economic Concepts \(soas.ac.uk\)](http://soas.ac.uk)
2. [18.1 Maximizing the Net Benefits of Pollution – Principles of Economics \(umn.edu\)](http://umn.edu)

#### COURSE OUTCOMES

On successful completion of the course, students will be able to

S. NO.	COURSE OUTCOME	BLOOMS VERB
CO1	Understand the relationship of man with the environment.	Remember
CO2	Learn why markets sometimes fail to allocate environmental goods and the meaning of externality.	Understand
CO3	Realize the impact of human actions on the environment and the various measures to control pollution.	Apply
CO4	Construct a relationship between the Application of Economic theory in the conservation of environment.	Apply
CO5	Aware of the efforts taken by Government to safeguard the environment.	Apply

**MAPPING WITH PROGRAM OUTCOMES**

COs	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	PSO9	PSO10
CO1	S	L	S				M	L	S	M
CO2	M		S	M		L	M		M	L
CO3		S		M		S		M	S	L
CO4	S	L				L	L	M	S	
CO5	S	M	S	M	M	L	-	-	-	L

S- Strong; M-Medium; L-Low

## SEMESTER III

Course code	Course name	Lecture(L)	Tutorial(T)	Practical(P)	Credit
21PEC12 CORE COURSE- XII	<b>ECONOMICS OF HUMAN RESOURCE</b>			-	5

**OBJECTIVE**

To introduce the basic concepts on human resource planning. To enable the students to know about the importance of investment in health and education.

**SYLLABUS****UNIT I**

6 HOURS

**HUMAN RESOURCE AND ECONOMIC DEVELOPMENT**

Human resource planning-meaning-objectives of human resource planning-Importance of Human Resource-Human Resource and Economic Development-Investment in Human Capital-problems and barriers to human resource planning-External forces, internal forces-investment in Human Capital.

**UNIT II**

6 HOURS

**INVESTMENT ON EDUCATION AND BODIES**

Importance of Education-Education and Economic Development-Women's Education issues - Higher Education in India-Privatization of Education- Bodies: Educational bodies in India - The Ministry of Education Central Board of Secondary Education (CBSE), National - The University Grants Commission (UGC) - All India Council for Technical Education (AICTE)- The Distance Education Council (DEC) – The Indian Council for Agriculture Research (ICAR) - The Bar Council of India(BCI) - Educational Reforms in India - New Education Policy (NEP) 2020.

**UNIT III**

7 HOURS

**EDUCATION INDICATORS**

Education Formal and Informal education - Levels of formal education Educational indicators-Literacy Rate (LR) - Adult Literacy Rate (ALR)-Literacy Gender Parity Index (LGPDI)- Admission rate (AR) Gross Enrolment Ratio (GER) - Child Labour-Educational expenditure on Government and Parents- Public-Private Partnership (PPP) model on education –

**UNIT IV****INVESTMENT ON HEALTH**

Importance of Human Resource in Health-Investment in Health-Private Sector in Health care service, Healthcare Expenditure in India- Healthcare issues and Challenges-Health Insurance for the Poor.

**HEALTH INDICATORS IN INDIA**

Health indicators (BMI-BR-DR-IMR-MMR-Fertility Rate)-Morbidity- Physical Quality of Life Index (POLI) and Human Development Index (HDI) - Disability Adjusted Life Year (DALY) - Quality of Adjusted Life Year (QALY) Epidemics-its Eradication-Tropical diseases-Food and nutrition

**TEXT BOOKS**

1. MAMORIA C.B., AND GANKAR S.V., “Human Resource Management” Himalaya publishing house, Mumbai-2006
2. ASWANTHAPPA K., “Human Resource Management” McGraw Hill-2013
3. GARY DESSLER “Human Resource Management” Pearson Education New Delhi-2011

**REFERENCE BOOKS**

1. ASWANTHAPPA K., and SADHA DASH., “International Human Resource Management” 2<sup>nd</sup> Edition, Mc Graw Hill New Delhi-2013
2. Cynthia D. Fischer, Hyle fschoentfeldt, James Bshaw, “Human Resource Management” Biztantra, New Delhi 2004.
3. GUPTA C.B., “Human Resource Management” Sultan Chand and Sons New Delhi-2011
4. LUIZ R.GOMEZ MEJIA, DAVID B.BALKIN, ROBERT L. CARDY, “Managing Human Resource, PH, Learning, New Delhi-2009
5. RAO P.L., “Comprehensive Human Resource Management” Excel Books New Delhi-2006

**WEB RESOURCES**

1. [The importance of human resources management in health care: a global context \(nih.gov\)](http://nih.gov)
2. [Microsoft Word - THE ROLE OF EDUCATION IN ECONOMIC DEVELOPMENT.doc \(uni-muenchen.de\)](http://uni-muenchen.de)



**COURSE OUTCOMES**

On successful completion of the course, students will be able to

S. NO.	COURSE OUTCOME	BLOOMS VERB
CO1	At the end of the course the student will be able to apply and contribute to the development, implementation and evaluation of planning of Human Resources.	Remember
CO2	Understand the importance of investment in education.	Understand
CO3	To get an overview on health care in India.	Apply
CO4	To understand the recruitment policy.	Apply
CO5	To know the various avenues of training and create awareness on performance appraisal.	Apply

**MAPPING WITH PROGRAM OUTCOMES**

COs	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	PSO9	PSO10
CO1	S	M	S		S		M	L	S	L
CO2	L	L	S	M		L	M		L	
CO3		M		M	M	L		M	S	L
CO4	S	L				L	L	M	S	
CO5	S	M	S	M	M	L	-	-	-	L

S- Strong; M-Medium; L-Low

**SEMESTER III**

Course code	Course name	Lecture(L)	Tutorial(T)	Practical(P)	Credit
<b>21PECMT INTER DISCIPLINARY COURSE</b>	<b>MATHEMATICAL ECONOMICS</b>			-	5

**OBJECTIVE**

1. This course puts the literary form of Economic Theory in Mathematical Language and provides concrete form of Economic laws and relationships and makes it more precise and practical.
2. This course provides concise exposition of the methods and techniques of Mathematics along with their application in Economics and Business.

**SYLLABUS****UNIT I**

6 HOURS

**Demand and Elasticity**

Demand – Definition – Differential co-efficient and elasticity of Demand – Utility – Total Utility – Computation of Marginal Demand – Elasticity of demand - Relationship between Total Revenue, Average Revenue and Marginal Revenue.

**UNIT II**

6 HOURS

**Cost and Revenue Analysis**

Cost – Definition – Types of Cost – Total, Average and Marginal cost curves – Relation between Average and Marginal cost Curves – Minimum Average cost – Cost Function in Cubic form – Total, Average, Marginal Revenue Curves.

**UNIT III**

7 HOURS

**Linear Programming Problems (LPP)**

LPP – Introduction – Requirements for employing LPP Techniques –Mathematical formulation of LPP (Two variables only) – Graphical method of the solution of a LPP.

## UNIT IV

7 HOURS

**Transportation Problems**

Introduction – Mathematical Formulation of Transportation Problem(TP) – Methods for finding Initial Basic Feasible Solution – North West Corner Rule (NWCR) – Least Cost Method Rule (LCMR) – Vogel’s Approximation Method (VAM).

## UNIT V

**Assignment Problem**

Introduction – Mathematical Formulation of Assignment Problem(AP) – Comparison with Transportation Problem – Difference between TP and AP – Hungarian Method for Solving AP (Balanced Problems only)

7 HOURS

**TEXT BOOKS**

1. **Mehta.B.C & Madnani.G.M.K**, “Mathematics for Economists”, Sultan Chand & Sons, New Delhi, Seventh Edition, 1992.

**REFERENCE BOOKS**

- 1.. Bose.D, “An Introduction to Mathematical Methods”, Himalaya Publishing house, 2004.
2. Sundaresan.V, Ganapathy Subramanian.K.S, Ganesan. K, “Resource Management Techniques(Operations Research)”, A.R.Publications, Arpakkam, 2000.

**WEB RESOURCES**

- 1.<http://www.rejinpaul.com/2015/03/ma6459-numerical-methods-syllabus-notes-questions-papers-regulation-2013.html>
2. <http://authors.library.caltech.edu/down.html>
3. <http://www.ou.edu/class/che-design/Num-Meth-06>

**COURSE OUTCOMES**

On successful completion of the course, students will be able to

S. NO.	COURSE OUTCOME	BLOOMS VERB
CO1	<ul style="list-style-type: none"> <li>Apply simple derivatives to find Elasticity of Demand, Marginal Utility, Marginal Revenue etc.</li> </ul>	Remember
CO2	<ul style="list-style-type: none"> <li>Find Total, Average and Marginal cost and the relation between Average and Marginal Cost curves</li> </ul>	Understand
CO3	<ul style="list-style-type: none"> <li>Use LPP in many industrial and Economic Problems</li> </ul>	Apply
CO4	<ul style="list-style-type: none"> <li>Apply Transportation Model to determine the amount to be shifted from each destination such that the total transportation cost is minimum</li> </ul>	Apply
CO5	<ul style="list-style-type: none"> <li>Apply Assignment Problem in which the objective is to assign a number of tasks (Jobs or origin or sources) to an equal number of facilities(machines or persons or destinations) at a minimum cost(or maximum profit).</li> </ul>	Apply

**MAPPING WITH PROGRAM OUTCOMES**

COs	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	PSO9	PSO10
CO1	S	M	S		S		M	L	S	L
CO2	L	M	S	L		L	M		L	
CO3		M		M	L			M	S	L
CO4	S	L				M	L	M	S	
CO5	S	M	S	M	M	L	-	-	-	L

S- Strong; M-Medium; L-Low

## SEMESTER IV

Course code	Course name	Lecture(L)	Tutorial(T)	Practical(P)	Credit
<b>21PEC13 CORE COURSE- XIII</b>	<b>MACRO ECONOMICS</b>			-	<b>4</b>

**OBJECTIVE**

- To make the students understand the macro economic theories. To build insight among the students about the key concepts of multiplier and accelerator and also about the general equilibrium.

**SYLLABUS****UNIT I**

6 HOURS

**Keynes vs. Classical Theory of Income and Employment**

Classical Theory of Income and Employment - Classical Dichotomy - Keynesian Theory of Income Determination - policy implication of Keynes Theory of Employment and Income - Criticisms - Wage Flexibility Theory - Pigou vs Keynes

**UNIT II**

6 HOURS

**Consumption Functions**

The theories of aggregate consumption - The Absolute Income Hypothesis, The Relative Income Hypothesis, The Permanent Income Hypothesis - The Life Cycle Hypothesis, Non-Income factors affecting consumption.

**UNIT III****Multiplier and Accelerator**

7 HOURS

Multiplier - employment multiplier - Investment multiplier - Reverse operation of investment multiplier - Dynamic investment multiplier - Weaknesses of the investment multiplier - Relevance of Investment multiplier in under developed countries - Acceleration

on principle and its applications - Multiplier Accelerator Interaction - Relevance of the Acceleration principle in under developed countries.

**UNIT IV**

7 HOURS

**Macro Economic Policy and Economic Growth:**

Macro Economic Policy with help of IS - LM Curve (classical Range, Intermediate Range and Keynesian Range) Shift in IS\_LM Curve - Role of Monetary Policy and Economic Growth - Fiscal Policy - Crowding - out and crowing in - controversy Fiscal Policy and Economic Growth.

**UNIT V**

7 HOURS

**New Keynesian Economics**

Essentials of supply side Economics - General Equilibrium - Features of General Disequilibrium model - Three - Sector Macro - Disequilibrium model - New Keynesian Economics Nominal Wage and Price Rigidities - Real Wage and Price Rigidities - Factors influencing Real Price Rigidities - Policy Implications of New Keynesian Model - Criticism of New Keynesian Approach.

**TEXT BOOKS**

1. Ahuja-Macro economic theory and policy

**REFERENCE BOOKS**

1. M.L.Seth –Introduction to Keynesian Economics
2. Edward Shapiro –Macro economic analysis
3. 4.M.C.Vaish- Macro economic theory
4. 5.Brain Snowdon &Hoawrd R .Vane -Modern Macro Economics-Its origin,
5. development and current state

**WEB RESOURCES**

1. [Understanding Supply-Side Economics \(investopedia.com\)](https://www.investopedia.com/terms/s/supply-side-economics.asp)
2. [The IS-LM Curve Model \(Explained With Diagram\) \(yourarticlelibrary.com\)](https://www.yourarticlelibrary.com/is-lm-curve-model-explained-with-diagram/)

**COURSE OUTCOMES**

On successful completion of the course, students will be able to

S. NO.	COURSE OUTCOME	BLOOMS VERB
CO1	Gain knowledge on Classical and Keynesian theory of income and employment	Remember
CO2	Understand the concepts of consumption function	Understand
CO3	Analyse the relevance of multiplier and acceleration principle in reality	Apply
CO4	Interpret the role of monetary and fiscal policy in augmenting growth.	Apply
CO5	Acquire knowledge on the general equilibrium and the post Keynesian development.	Apply

**MAPPING WITH PROGRAM OUTCOMES**

COs	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	PSO9	PSO10
CO1	S	M	S		M		M	L	S	L
CO2	M	S	M	M		L	M		L	
CO3		S		M	S	L		M	S	M
CO4	S	L	S		M		L	M	S	L
CO5	S	M	S	M	M	L	-	-	-	M

S- Strong; M-Medium; L-Low

## SEMESTER IV

Course code	Course name	Lecture(L)	Tutorial(T)	Practical(P)	Credit
<b>21PEC14 CORE COURSE- XIV</b>	<b>PUBLIC ECONOMICS</b>			-	4

**OBJECTIVE**

To understand the fiscal functions, theories of public expenditure and Taxation. To enrich their knowledge regarding budgetary policy and fiscal policy.

**SYLLABUS****UNIT I**

6 HOURS

**PUBLIC ECONOMICS AND OVERVIEW**

Nature and scope of Public Economics- Fiscal functions of the government- Theory of public goods-Provision of Public goods (Contributions of Samuelson and Musgrave); Demand-revealing schemes for public goods-contributions of Clarks, Groves and Ledyard, Tiebout model-Social goods private goods and merit goods-Market failure-Externalities.

**UNIT II**

6 HOURS

**PUBLIC CHOICE AND THEORIES OF PUBLIC EXPENDITURE**

Private and public spending-optimal resources allocation-public choice- Public expenditure-Objective of public expenditure-Theories of public expenditure-Adolph Wagner's hypothesis-Reasons for growth of public expenditure-Development and non-development expenditure-Evaluation of public expenditure.

**UNIT III**

7 HOURS

**THEORIES OF TAXATION**

Public revenue-revenue receipts-tax revenue and non-tax revenue receipts-Taxation-theories of Taxation-the physiocratic theory-Financial theory-Ability to pay theory-Benefit theory of Taxation-cost of service theory- New tax reforms in India: GST Council – Role and Functions - Merits and Demerits.



## UNIT IV

7 HOURS

**THEORIES OF PUBLIC DEBT AND DEFICIT FINANCING**

Principles of Public debt management-Transfer of Burden to failure generations-Domar's model of public debt-Modern theory of public debt-Redemption-Deficit financing in India-Revenue deficit-Budget deficit-Fiscal deficit-objectives, role and effects of deficit financing.

## UNIT V

7 HOURS

**BUDGETARY POICY AND FISCAL POLICY**

Budget-classifications of budget-Revenue and capital budget-Deficit and surplus budget-Development and non-development budget-Performance budgeting-Zero-base budgeting-Recent year's Indian budget highlights- Crowding in and crowding out of Fiscal policy-Factors responsible for fiscal deficit in India-fiscal reforms in India.

**TEXT BOOKS**

1. B.P.Tyagi-Public Finance

**REFERENCE BOOKS**

1. R.A.Musgrave and P.B.Musgrave-"Public finance in theory and practices"
2. J.R.Gupta-"Public Economics in Indian theory and practice".
3. J.V.M.Sarma-"Public finance: Principles and practices".
4. S.K.Singh-"Public finance in theory and practices".
5. S.Sankaran-"Fiscal Economics".
6. T.N.Hajela-"Public Finance".

**WEB RESOURCES**

1. [https://en.wikipedia.org/wiki/Wagner%27s\\_law](https://en.wikipedia.org/wiki/Wagner%27s_law)
2. <http://www.simplynotes.in/e-notes/mcomb-com/public-finance/public-expenditure-meaning-nature-canons-of-public-expenditure/>
3. [Five Principles of Debt Management - DebtHelp](#)

**COURSE OUTCOMES**

On successful completion of the course, students will be able to

S. NO.	COURSE OUTCOME	BLOOMS VERB
CO1	To introduce the basic concepts in public Economics.	Remember
CO2	To enable the students understand the theories of public expenditure.	Understand
CO3	To enrich their knowledge regarding Taxation	Apply
CO4	To understand the issues related to public debt and deficit financing.	Apply
CO5	To realise the importance of budgetary policy and fiscal policy in India.	Apply

**MAPPING WITH PROGRAM OUTCOMES**

COs	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	PSO9	PSO10
CO1	M	S	L				M	S	L	M
CO2	S	M	S	M	S	L	M		S	L
CO3		M		M		L		M	S	L
CO4	L	S		S		M	L	M	L	
CO5	S	M	S	M	M	L		S		M

S- Strong; M-Medium; L-Low

## SEMESTER IV

Course code	Course name	Lecture(L)	Tutorial(T)	Practical(P)	Credit
<b>21PEC15 CORE COURSE- XV</b>	<b>AGRICULTURAL ECONOMICS</b>			-	5

**OBJECTIVE**

- The study covers the role of agriculture, problems present in the Indian rural scenario.
- The objective of the program is to make the student gain basic knowledge on agricultural marketing, pricing and agricultural finance.

**SYLLABUS****UNIT I**

6 HOURS

**AGRICULTURE AND PRODUCTIVITY TRENDS:**

Importance of agriculture in National Economy- Agricultural production and productivity- causes for low agricultural productivity in India-measures to improve productivity- Mechanisation of Agriculture- Meaning- Types of farm machines- Benefits of Mechanisation- causes for slow progress of mechanisation.

**UNIT II**

6 HOURS

**AGRICULTURAL LABOUR**

Agricultural labour – definition- Demand and supply of agricultural labour- Characteristics of agricultural labour- Minimum wages – General Measures to improve the position of Landless labour- causes of growth of agricultural labourers – problems and government measures for improvement of agricultural labour.

**UNIT III**

7 HOURS

**AGRICULTURAL FINANCE**

Rural Indebtedness-Source of rural debt- causes of indebtedness- Measures to remove rural indebtedness-Rural credit- Meaning-The need for credit in agriculture- Institutional sources: Primary Agricultural Credit Societies- functions-Problems-Central Co-operative Banks –Functions-Weakness- The State Co-operative Banks- functions-Land Development Banks-role of Commercial Banks and NABARD in agriculture development -Non-institutional Source of Rural credit-Rural traders, Money lenders, Commission Agents, Relatives and Land lords -Merits and Demerits.

## UNIT IV

7 HOURS

**AGRICULTURAL MARKETING**

Features of markets for Agricultural Commodities- Regulated Markets-Grading and Standardization- Cooperative Marketing - Defects of Agricultural Marketing in India- Price Stabilisation- meaning- Agricultural price policy in India- Need for minimum support price- Role of Food Corporation of India.

## UNIT V

7 HOURS

**GLOBALIZATION AND AGRICULTURE**

Food Security- concept- Public distribution system-meaning – PDS in India – PDS impact on poverty- Impact of globalisation on Indian agriculture-WTO and agriculture- Features of WTO agreement on agriculture- Impact of WTO on Indian Agriculture- Green box subsidy and Blue box subsidy.

**TEXT BOOKS**

1. MAMORIA C.B and BADRI BISHAL TRIPATHI “**Agricultural problems of India**”, Kitab Mahal, Allahabad.
2. SANKARAN.S, “**Rural Economics**”, Margham Publications, Chennai.
3. DATT RUDDAR and SUNDHARAM K.P.M., “**Indian Economy**”, S.Chand and Co.Ltd., New Delhi.

**REFERENCE BOOKS**

1. UMA KAPILA (ED) “**Indian Economy since Independence**” Academic foundation, New Delhi.
2. DANTWALA M.L. et.al, “**Indian Agricultural Development since Independence**”, Oxford and IBH Pub.co., New Delhi

**WEB RESOURCES**

- a. <https://marketinglord.blogspot.com/2017/07/features-of-agricultural-marketing.html>
- b. <https://www.vedantu.com/commerce/rural-credit>

**COURSE OUTCOMES**

On successful completion of the course, students will be able to

S. NO.	COURSE OUTCOME	BLOOMS VERB
CO1	Understand the background of Indian agriculture and the measures to make it a sustainable one.	Remember
CO2	Gain knowledge, there by evaluate the inherent problems present in the Indian agricultural scenario.	Understand
CO3	Explore the various sources of rural credit.	Apply
CO4	Acquire knowledge and analytical skills in addressing the issues of agricultural marketing.	Apply
CO5	Understand the various issues of globalization and its impact on Indian agriculture.	Apply

**MAPPING WITH PROGRAM OUTCOMES**

COs	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	PSO9	PSO10
CO1	M	S	L			L		S	L	M
CO2		S	S	M		L	M		L	M
CO3		S		M		L		M	S	L
CO4	S	M	S			S	L	M	S	
CO5	M	S	S	M	M	L	-	-	-	L

S- Strong; M-Medium; L-Low

## SEMESTER IV

Course code	Course name	Lecture(L)	Tutorial(T)	Practical(P)	Credit
21PEC16 CORE COURSE- XVI	INDIAN ECONOMIC DEVELOPMENT AND POLICY			-	5

**OBJECTIVE**

The aim of the course is to sharpen the analytical mind of the student by highlighting an integrated approach to the functioning aspects of the Indian economy.

**SYLLABUS****UNIT-1****ECONOMIC DEVELOPMENT SINCE INDEPENDENCE**

Economic growth, development and structural change of Indian Economy since Independence- sector-wise contribution to GDP –structural constraints of India's development - Banking sector reforms-Reforms in tax policy - Reforms in Labour market.

**UNIT-2****POPULATION AND POVERTY**

Demographic features of Indian population-population policy- Population growth in India- Poverty and trends-pattern and magnitude of rural and urban poverty alleviation programmes in India- Unemployment in India – Trends and pattern of rural and urban unemployment-recent skill development and unemployment programmes.

**UNIT-3****PLANNING AND AGRICULTURE SECTOR**

Planning in India-objectives-12<sup>th</sup> plan-objectives-NITI Aayog and its role and functions in economic development- Trends in agricultural growth and productivity in India-impact of green revolution- need for second green revolution- agricultural price policy.

**UNIT-4****INDUSTRIAL POLICY AND INDUSTRIALISATION**

Industrial policy since 1991-growth and pattern of industrialization during the post reforms period-privatization and disinvestment process-Role of private and public sector in economic development.

**UNIT-5****STRUCTURAL ADJUSTMENT REFORMS**

Structural adjustment reforms since 1991-recent EXIM policy and measures for trade development- reforms in transport and communication (roadways, railways, waterways, airways, power, information technology) .

**TEXT BOOKS**

1. Misra&Puri-"Indian Economy"

**REFERENCE BOOKS**

1. Dhingra I.c -Indian Economy
2. Dutt&Sundaram -Indian Economy
3. Economic survey(2020-2021)
4. Kaushik Basu(ed) (2004) India's Emerging Economy, oxford university press, New Delhi.
5. Uma Kapila, (2010), Indian Economy Since Independence, Academic foundation, New Delhi.

**WEB RESOURCES**

<https://www.economicdiscussion.net/articles/main-features-of-indias-population/2245>

[https://en.wikipedia.org/wiki/Demographics\\_of\\_India](https://en.wikipedia.org/wiki/Demographics_of_India)

<https://www.youtube.com/watch?v=qCBfZleinrc>

**COURSE OUTCOMES**

On successful completion of the course, students will be able to

S. NO.	COURSE OUTCOME	BLOOMS VERB
CO1	Understand the structural change and demographic features of India	Remember
CO2	Understand the concept of poverty, unemployment and its trends	Understand
CO3	Have useful understanding about planning and role of agriculture in India	Apply
CO4	Understand the pattern of industrialization in India	Apply
CO5	Understand the performance of Indian economy during the post reform period	Apply

**MAPPING WITH PROGRAM OUTCOMES**

COs	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	PSO9	PSO10
CO1	S	M	S		M		M	L	S	L
CO2		M	S	M		L		S	S	M
CO3		S		M		L		M	M	L
CO4	M	S				L	L	M		
CO5	L	S	S	M	M	L	-	-	-	L

S- Strong; M-Medium; L-Low



## SEMESTER I

Course code	Course name	Lecture(L)	Tutorial(T)	Practical(P)	Credit
21PCNM1 ELECTIVE COURSE-I For M.Com Cooperation	MANAGERIAL ECONOMICS			-	5

**OBJECTIVE**

1. To learn and gain knowledge in principles of Managerial Economics and apply the economic concepts in business decision making process.

**SYLLABUS**

## UNIT I

6 HOURS

**BASIC CONCEPTS**

Managerial Economics: Nature and scope of Managerial Economics-Economic theory and Managerial Economics-Uses of Managerial Economics-Basic Economic tools in Managerial Economics-Role and Responsibilities of Managerial Economist.

## UNIT II

6 HOURS

**DEMAND AND SUPPLY ANALYSIS**

Demand-Law of demand-Determinants-Elasticity of demand-Types, Measurement-Supply-Law of supply-determinants-Demand forecasting, Types, methods and uses.

## UNIT III

7 HOURS

**PRODUCTION FUNCTION**

Theory of production Function-Law of variable proportions-Long run production function-Production function and ISO-quant curve-Least cost combination-Economics and diseconomics of scale.

## UNIT IV

7 HOURS

**COST AND REVENUE ANALYSIS**

Cost concepts-Classification-cost output relationship in the short run and Long run-Cost controls tools of Cost control-Cost reduction-Revenue curves under perfect and Imperfect market-Break-Even-Analysis(BEA)-Uses and Limitations.

**MARKET STRUCTURE AND PRICING POLICY**

Equilibrium Price Under Perfect competition-Price output determination Under Monopoly-Price discrimination-Monopolistic competition, feature, price determination in Long run and short run-Pricing Policies-Pricing Methods-Cost plus Pricing, Target Pricing, Marginal Pricing, Going rate Pricing, Differential Pricing, Administered Pricing-Business cycle-Phases-Characteristics-Control of business cycle.

**TEXT BOOKS**

2. Dr. S.SANKARAN “Managerial Economics”.

**REFERENCE BOOKS**

1. R.L.VARSHNEY & K.L MAHESWARI “Managerial Economics”.
2. JOELDEN “Managerial Economics”.
3. P.L.METHA “Managerial Economics”.
4. M.L.JHINGAN “Advanced Economic Theory”.

**WEB RESOURCES**

1. [www.encyclopedia.com](http://www.encyclopedia.com)
2. [www.managementstudyguide.com/principles-managerial-economics.htm](http://www.managementstudyguide.com/principles-managerial-economics.htm)
3. [www.yourarticlelibrary.com/managerialeconomics](http://www.yourarticlelibrary.com/managerialeconomics)
4. [www.opentextbooks.org](http://www.opentextbooks.org)

**COURSE OUTCOMES**

On successful completion of the course, students will be able to

S. NO.	COURSE OUTCOME	BLOOMS VERB
CO1	Understand the role of principles of Managerial Economics in Business decision making and forward planning.	Remember
CO2	Gain practical knowledge in the Demand and supply determinants and know the demand forecasting methods.	Understand
CO3	Accumulate skill to determine the level of production in short run and long run.	Apply
CO4	Understand the cost and Revenue relationships.	Apply
CO5	Demonstrate the equilibrium price and output determination under perfect and Imperfect market conditions.	Apply

**MAPPING WITH PROGRAM OUTCOMES**

COs	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	PSO9	PSO10
CO1	S	M	L				M	S	L	M
CO2		S	S	M		L	M		L	M
CO3		S		M		L		M	S	L
CO4	S	M				L	L	M	S	
CO5	M	S	S	M	M	L	-	-	-	L

S- Strong; M-Medium; L-Low