

DEPARTMENT OF ECONOMICS



M.A. PROGRAMME

CHOICE BASED CREDIT SYSTEM SYLLABUS (2023-2024 ONWARDS)

H.H. THE RAJAH'S COLLEGE (AUTONOMOUS)
Re-Accredited at 'B' by NAAC
(Affiliated to the Bharathidasan University, Tiruchirappalli)
PUDUKKOTTAI - 622 001

CHOICE BASED CREDIT SYSTEM AND LEARNING OUTCOMES-BASED CURRICULUM FRAMEWORK BASED M.A. ECONOMICS SYLLABUS	
Programme:	M.A. Economics
Programme Code:	PEC
Duration:	2 Years
Programme Outcomes	<p>PO1: Academic Proficiency: To understand theoretical and analytical aspects with advanced economic theories and concepts, innovative combination of fundamental and applied training in order to provide stakeholders with essential knowledge of global, comparative and transnational issues in Economics, as well as specific expertise and skills related to the practice of applied Economics.</p> <p>PO2: 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.</p> <p>PO3: 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.</p> <p>PO4: 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.</p> <p>PO5: 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.</p>
	<p>PSO1: Demonstrate an understanding of complex economics mechanism that characterize modern society and to develop ability to present economic theory and applications in decision making in real life.</p> <p>PSO2: Analyse and investigate economic theory and issues in the field of</p>

<p>Programme Specific Outcomes</p>	<p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p>
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**PROGRAMME OUTCOMES (PO) - PROGRAMME SPECIFIC OUTCOMES (PSO)
MAPPING**

PROGRAMME SPECIFIC OUTCOMES (PSO)	PROGRAMME SPECIFIC OUTCOMES (PSO)					
		PO1	PO2	PO3	PO4	PO5
	PSO1	3	3	3	3	3
	PSO2	3	3	3	3	3
	PSO3	3	3	3	3	3
	PSO4	3	3	3	3	3
	PSO5	3	3	3	3	3

Level of Correlation between PO's and PSO's

(Suggested by UGC as per Six Sigma Tool – Cause and Effect Matrix)

Assign the value **1 - Low 2 - Medium 3 - High 0 - No Correlation**

Credit Distribution for PG Programme in Economics

[illegible]

COURSE SUMMARY

Percentage to be assigned for modification

- Complete Unit Change - 20%
- Partially Unit Change - 10%
- Minimum Modification - 5%
- No deletion - 0%

Name of the Programme : M.A.

Name of the Course : Economics

Title of the Paper : Advanced Micro Economics

(Tick the appropriate box)

☐ **Core** ☐ Allied ☐ Elective ☐ Skill Enhancement Course

Unit (1)	Deduction (%) (2)	Addition (%) (3)	Modification (%) (4)	Revision (%) (2 + 3 + 4)
Unit – I	0	0	20	20
Unit – II	0	0	20	20
Unit – III	0	0	20	20
Unit – IV	0	0	20	20
Unit – V	0	0	20	20
Total				100

Title of the Paper : Indian Economic Development and Policy

(Tick the appropriate box)

☐ **Core** ☐ Allied ☐ Elective ☐ Skill Enhancement Course

Unit (1)	Deduction (%) (2)	Addition (%) (3)	Modification (%) (4)	Revision (%) (2 + 3 + 4)
Unit – I	0	0	20	20
Unit – II	0	0	20	20
Unit – III	0	0	20	20
Unit – IV	0	0	20	20
Unit – V	0	0	20	20
Total				100

Title of the Paper : Statistics for Economists

(Tick the appropriate box)

☐ **Core** ☐ Allied ☐ Elective ☐ Skill Enhancement Course

Unit (1)	Deduction (%) (2)	Addition (%) (3)	Modification (%) (4)	Revision (%) (2 + 3 + 4)
Unit – I	0	0	20	20
Unit – II	0	0	20	20
Unit – III	0	0	20	20
Unit – IV	0	0	20	20
Unit – V	0	0	20	20
Total				100

Title of the Paper : Modern Economic Thought

(Tick the appropriate box)

☐ Core ☐ Allied ☐ **Elective** ☐ Skill Enhancement Course

Unit (1)	Deduction (%) (2)	Addition (%) (3)	Modification (%) (4)	Revision (%) (2 + 3 + 4)
Unit – I	0	0	20	20
Unit – II	0	0	20	20
Unit – III	0	0	20	20
Unit – IV	0	0	20	20
Unit – V	0	0	20	20
Total				100

Title of the Paper : Rural Economics

(Tick the appropriate box)

☐ Core ☐ Allied ☐ **Elective** ☐ Skill Enhancement Course

Unit (1)	Deduction (%) (2)	Addition (%) (3)	Modification (%) (4)	Revision (%) (2 + 3 + 4)
Unit – I	0	0	20	20
Unit – II	0	0	20	20
Unit – III	0	0	20	20
Unit – IV	0	0	20	20
Unit – V	0	0	20	20
Total				100

Title of the Paper : Regional Economics

(Tick the appropriate box)

☐ Core ☐ Allied ☐ **Elective** ☐ Skill Enhancement Course

Unit (1)	Deduction (%) (2)	Addition (%) (3)	Modification (%) (4)	Revision (%) (2 + 3 + 4)
Unit – I	0	0	20	20
Unit – II	0	0	20	20
Unit – III	0	0	20	20
Unit – IV	0	0	20	20
Unit – V	0	0	20	20
Total				100

Title of the Paper : Welfare Economics

(Tick the appropriate box)

☐ Core ☐ Allied ☐ **Elective** ☐ Skill Enhancement Course

Unit (1)	Deduction (%) (2)	Addition (%) (3)	Modification (%) (4)	Revision (%) (2 + 3 + 4)
Unit – I	0	0	20	20
Unit – II	0	0	20	20
Unit – III	0	0	20	20
Unit – IV	0	0	20	20
Unit – V	0	0	20	20
Total				20

Title of the Paper : Monetary Economics

(Tick the appropriate box)

☐ **Core** ☐ Allied ☐ Elective ☐ Skill Enhancement Course

Unit (1)	Deduction (%) (2)	Addition (%) (3)	Modification (%) (4)	Revision (%) (2 + 3 + 4)
Unit – I	0	0	20	20
Unit – II	0	0	20	20
Unit – III	0	0	20	20
Unit – IV	0	0	20	20
Unit – V	0	0	20	20
Total				100

Title of the Paper : Labour Economics

(Tick the appropriate box)

☐ **Core** ☐ Allied ☐ Elective ☐ Skill Enhancement Course

Unit (1)	Deduction (%) (2)	Addition (%) (3)	Modification (%) (4)	Revision (%) (2 + 3 + 4)
Unit – I	0	0	20	20
Unit – II	0	0	20	20
Unit – III	0	0	20	20
Unit – IV	0	0	20	20
Unit – V	0	0	20	20
Total				100

Title of the Paper : Mathematical Economics

(Tick the appropriate box)

☐ **Core** ☐ Allied ☐ Elective ☐ Skill Enhancement Course

Unit (1)	Deduction (%) (2)	Addition (%) (3)	Modification (%) (4)	Revision (%) (2 + 3 + 4)
Unit – I	0	0	20	20
Unit – II	0	0	20	20
Unit – III	0	0	20	20
Unit – IV	0	0	20	20
Unit – V	0	0	20	20
Total				100

Title of the Paper : Gender Economics

(Tick the appropriate box)

☐ Core ☐ Allied ☐ **Elective** ☐ Skill Enhancement Course

Unit (1)	Deduction (%) (2)	Addition (%) (3)	Modification (%) (4)	Revision (%) (2 + 3 + 4)
Unit – I	0	0	20	20
Unit – II	0	0	20	20
Unit – III	0	0	20	20
Unit – IV	0	0	20	20
Unit – V	0	0	20	20
Total				100

Title of the Paper : Urban Economics

(Tick the appropriate box)

☐ Core ☐ Allied ☐ **Elective** ☐ Skill Enhancement Course

Unit (1)	Deduction (%) (2)	Addition (%) (3)	Modification (%) (4)	Revision (%) (2 + 3 + 4)
Unit – I	0	0	20	20
Unit – II	0	0	20	20
Unit – III	0	0	20	20
Unit – IV	0	0	20	20
Unit – V	0	0	20	20
Total				100

Title of the Paper : Resource Economics

(Tick the appropriate box)

☐ Core ☐ Allied ☐ **Elective** ☐ Skill Enhancement Course

Unit (1)	Deduction (%) (2)	Addition (%) (3)	Modification (%) (4)	Revision (%) (2 + 3 + 4)
Unit – I	0	0	20	20
Unit – II	0	0	20	20
Unit – III	0	0	20	20
Unit – IV	0	0	20	20
Unit – V	0	0	20	20
Total				100

Title of the Paper : Economics of Climate Change

(Tick the appropriate box)

☐ Core ☐ Allied ☐ **Elective** ☐ Skill Enhancement Course

Unit (1)	Deduction (%) (2)	Addition (%) (3)	Modification (%) (4)	Revision (%) (2 + 3 + 4)
Unit – I	0	0	20	20
Unit – II	0	0	20	20
Unit – III	0	0	20	20
Unit – IV	0	0	20	20
Unit – V	0	0	20	20
Total				100

Title of the Paper : Leadership Quality and Development

(Tick the appropriate box)

☐ Core ☐ Allied ☐ Elective ☐ **Skill Enhancement Course**

Unit (1)	Deduction (%) (2)	Addition (%) (3)	Modification (%) (4)	Revision (%) (2 + 3 + 4)
Unit – I	0	0	20	20
Unit – II	0	0	20	20
Unit – III	0	0	20	20
Unit – IV	0	0	20	20
Unit – V	0	0	20	20
Total				100

Title of the Paper : Advanced Macro Economics

(Tick the appropriate box)

☐ **Core** ☐ Allied ☐ Elective ☐ Skill Enhancement Course

Unit (1)	Deduction (%) (2)	Addition (%) (3)	Modification (%) (4)	Revision (%) (2 + 3 + 4)
Unit – I	5	5	5	15
Unit – II	0	0	3	3
Unit – III	0	0	3	3
Unit – IV	0	0	4	4
Unit – V	0	0	0	0
Total				25

Title of the Paper : Public Economics

(Tick the appropriate box)

☐ **Core** ☐ Allied ☐ Elective ☐ Skill Enhancement Course

Unit (1)	Deduction (%) (2)	Addition (%) (3)	Modification (%) (4)	Revision (%) (2 + 3 + 4)
Unit – I	0	0	2	2
Unit – II	0	0	0	0
Unit – III	0	0	0	0
Unit – IV	0	0	2	2
Unit – V	2	0	0	2
Total				6

Title of the Paper : Research Methodology

(Tick the appropriate box)

☐ **Core** ☐ Allied ☐ Elective ☐ Skill Enhancement Course

Unit (1)	Deduction (%) (2)	Addition (%) (3)	Modification (%) (4)	Revision (%) (2 + 3 + 4)
Unit – I	2	0	0	2
Unit – II	0	0	0	0
Unit – III	0	0	0	0
Unit – IV	0	0	0	0
Unit – V	0	0	20	20
Total				22

Title of the Paper : International Economics

(Tick the appropriate box)

☐ **Core** ☐ Allied ☐ Elective ☐ Skill Enhancement Course

Unit (1)	Deduction (%) (2)	Addition (%) (3)	Modification (%) (4)	Revision (%) (2 + 3 + 4)
Unit – I	5	5	5	15
Unit – II	0	0	3	3
Unit – III	0	0	5	5
Unit – IV	0	0	2	2
Unit – V	0	0	0	0
Total				25

Title of the Paper : Entrepreneurial Development

(Tick the appropriate box)

☐ Core ☐ Allied ☒ **Elective** ☐ Skill Enhancement Course

Unit (1)	Deduction (%) (2)	Addition (%) (3)	Modification (%) (4)	Revision (%) (2 + 3 + 4)
Unit – I	0	0	5	5
Unit – II	0	0	5	5
Unit – III	0	0	5	5
Unit – IV	0	0	5	5
Unit – V	0	0	5	5
Total				25

Title of the Paper : Economics for IES / NET / SET/ TRB

(Tick the appropriate box)

☐ Core ☐ Allied ☐ Elective ☐ Skill Enhancement Course

Unit (1)	Deduction (%) (2)	Addition (%) (3)	Modification (%) (4)	Revision (%) (2 + 3 + 4)
Unit – I	0	0	5	5
Unit – II	0	0	5	5
Unit – III	0	0	5	5
Unit – IV	0	0	5	5
Unit – V	0	0	5	5
Total				25

Title of the Paper : Development Economics

(Tick the appropriate box)

☐ **Core** ☐ Allied ☐ Elective ☐ Skill Enhancement Course

Unit (1)	Deduction (%) (2)	Addition (%) (3)	Modification (%) (4)	Revision (%) (2 + 3 + 4)
Unit – I	0	0	0	0
Unit – II	0	0	2	2
Unit – III	0	0	2	2
Unit – IV	0	0	1	1
Unit – V	20	0	0	20
Total				25

Title of the Paper : Econometric Methods

(Tick the appropriate box)

☐ **Core** ☐ Allied ☐ Elective ☐ Skill Enhancement Course

Unit (1)	Deduction (%) (2)	Addition (%) (3)	Modification (%) (4)	Revision (%) (2 + 3 + 4)
Unit – I	0	0	5	5
Unit – II	0	0	5	5
Unit – III	0	0	5	5
Unit – IV	0	0	5	5
Unit – V	0	0	5	5
Total				25

Title of the Paper : Economics of Social Issues

(Tick the appropriate box)

☐ Core ☐ Allied ☐ **Elective** ☐ Skill Enhancement Course

Unit (1)	Deduction (%) (2)	Addition (%) (3)	Modification (%) (4)	Revision (%) (2 + 3 + 4)
Unit – I	0	0	3	3
Unit – II	0	0	20	20
Unit – III	0	0	1	1
Unit – IV	0	0	1	1
Unit – V	0	0	0	0
Total				25

Title of the Paper : Personality Development

(Tick the appropriate box)

☐ Core ☐ Allied ☐ **Elective** ☐ Skill Enhancement Course

Unit (1)	Deduction (%) (2)	Addition (%) (3)	Modification (%) (4)	Revision (%) (2 + 3 + 4)
Unit – I	0	0	0	0
Unit – II	0	0	0	0
Unit – III	0	0	0	0
Unit – IV	0	0	0	0
Unit – V	0	0	0	0
Total				0

PROGRAMME SUMMARY

Name of the Programme : M.A.

Name of the Course : Economics

Sl. No.	Code	Title of the Paper	Average % of Changes in each paper
1	23PEC1	Advanced Micro Economics	0
2	23PEC2	Indian Economic Development and Policy	0
3	23PEC3	Statistics for Economists	
4	23PECE1A	Modern Economic Thought	0
	23PECE1B	Rural Economics	
5	23PECE2A	Regional Economics	0
	23PECE2B	Welfare Economics	
6	23PEC4	Monetary Economics	0
7	23PEC5	Labour Economics	0
8	23PEC6	Mathematical Economics	0
9	23PECE3A	Gender Economics	0
	23PECE3B	Urban Economics	
10	23PECE4A	Resource Economics	0
	23PECE4B	Economics of Climate Change	
11	23PECSE1	Leadership Quality and Development	0
Average Changes in the Programme			0/11 = 0.00
1	23PEC7	Advanced Macro Economics	25
2	23PEC8	Public Economics	6
3	23PEC9	Research Methodology	22
4	23PEC10	International Economics	25
5	23PECE5A	Economics in Everyday Life	25
	23PECE5B	Entrepreneurial Development	
6	23PECSE2	Economics for IES / NET / SET/ TRB	25
7	23PEC11	Development Economics	25
8	23PEC12	Econometric Methods	25
9	23PECE6A	Economics of Social Issues	25
	23PECE6B	Human Resource Development	
10	23PECSE3	Personality Development	0
Average Changes in the Programme			178/10 = 17.8

CBCS - COURSE PATTERN FOR M.A., ECONOMICS (2023-24 Onwards)

Sl. No	Sem.	Paper	Code	Name of the Paper	Hrs/ Week	No. of Credits	Marks		
							Inter	Exter	Total
1	I	Core - I	23PEC1	Advanced Micro Economics	7	5	25	75	100
2		Core - II	23PEC2	Indian Economic Development and Policy	7	5	25	75	100
3		Core - III	23PEC3	Statistics for Economists	6	4	25	75	100
4		Elective - I	23PECE1A	Modern Economic Thought	5	3	25	75	100
			23PECE1B	Rural Economics					
5		Elective - II	23PECE2A	Regional Economics	5	3	25	75	100
			23PECE2B	Welfare Economics					
6	II	Core - IV	23PEC4	Monetary Economics	6	5	25	75	100
7		Core - V	23PEC5	Labour Economics	6	5	25	75	100
8		Core - VI	23PEC6	Mathematical Economics	6	4	25	75	100
9		Elective - III	23PECE3A	Gender Economics	4	3	25	75	100
			23PECE3B	Urban Economics					
10		Elective - IV	23PECE4A	Resource Economics	4	3	25	75	100
			23PECE4B	Economics of Climate Change					
11	Skill Enhancement Course - I	23PECSE1	Leadership Quality and Development	4	2	25	75	100	

12	III	Core - VII	23PEC7	Advanced Macro Economics	6	5	25	75	100
13		Core - VIII	23PEC8	Public Economics	6	5	25	75	100
14		Core - IX	23PEC9	Research Methodology	6	5	25	75	100
15		Core - X	23PEC10	International Economics	6	4	25	75	100
16		Elective - V	23PECE5A	Economics in Everyday Life	3	3	25	75	100
			23PECE5B	Entrepreneurial Development					
17		Professional Competency Skill Enhancement Course - II (ONLINE EXAM) (Objective Type)	23PECSE2	* Economics for IES / NET / SET/ TRB	3	2	25	75	100
				* General Studies for UPSC / TNPSC / Other Competitive Examinations					
18	-	23PIT	Internship/ Industrial Activity (30 Hrs)	-	2				
19	IV	Core - XI	23PEC11	Development Economics	6	5	25	75	100
20		Core - XII	23PEC12	Econometric Methods	6	5	25	75	100
21		Project	23PEC13PW	Project with Viva Voce	10	7	25	75	100
22		Elective - VI	23PECE6A	Economics of Social Issues	4	3	25	75	100
			23PECE6B	Human Resource Development					
23		Skill Enhancement Course - III	23PECSE3	Personality Development	4	2	25	75	100
24		Extension Activity	23PEA	Rural/Urban Visit	-	1	-	-	-
TOTAL					120	91	450	1350	1800

M.A. Economics

Duration of Examination: 3 Hours

Part - A Answer ALL the Questions 10 x 2 = 20 marks	Part - B Answer ALL the Questions Internal Choice Type 5 x 5 = 25 marks	Part - C Answer any THREE Questions 3 x 10 = 30 marks
Questions	Questions	Questions
1 - 2 - Unit I	11(a) or 11(b) - Unit I	16 - Unit I
3 - 4 - Unit II	12(a) or 12(b) - Unit II	17 - Unit II
5 - 6 - Unit III	13(a) or 13(b) - Unit III	18 - Unit III
7 - 8 - Unit IV	14(a) or 14(b) - Unit IV	19 - Unit IV
9 - 10 - Unit V	15(a) or 15(b) - Unit V	20 - Unit V

Professional Competency Skill Enhancement Course
(Objective Type - Online Exam)

1. a) (or)
b)

2. a) (or)
b)

1. Internal Test - 1	-	50 marks
2. Internal Test - 2	-	75 marks
3. Assignment - 1	-	10 marks
4. Assignment - 2	-	10 marks
5. Seminar	-	5 marks

Total - 150 marks*

***Total marks to be converted into 25 marks**

Semester	I	Core - I	Hrs	Credit
Course Code	23PEC1	ADVANCED MICRO ECONOMICS	7	5
Course Objectives		1. To make the students to understand consumer behavior with the theories of demand and production. 2. To elaborate various market structure and the theories of distribution.	Syllabus Version	2023-24

Unit I: Consumer Choice

Cardinal and Ordinal Utility - Indifference Curve Approach - Slutsky's Decomposition of Price Effect into Substitution Effect and Income Effect - Consumer Surplus - Marshall's and Hicksian Measures - Compensatory Demand Curve - Revealed Preference Theorem - Derivation of Marginal Utility Schedule for Money Income.

Unit II: Economics of Information

Informational Asymmetry - Choice Under Uncertainty - N-M Index - Inter-Temporal Choice - Market for Lemons - Adverse Selection - Insurance Market and Adverse Selection - Solution to Principal Agent Problem - Hidden Action (Moral Hazard) - Signaling and Screening.

Unit III: Market Structure Models

- Perfect Competition - Price and Output Determination - Optimum Firm.
- Monopoly - Short Run and Long Run Equilibrium - Price Discrimination Monopoly Control, And Regulation - Contestable Market.
- Monopolistic Competition - Chamberlin Model - Selling Costs - Excess Capacity.
- Oligopoly - Duopoly Price Game - Dominant Strategy - Nash Equilibrium Non-Collusive Models - Cournot - Bertrand - Chamberlin - Edgeworth - Sweezy - Stackelberg - Oligopoly. Collusive Models - Cartels And Mergers - Price Leadership - Base Point Price System
- Monopsony - Price and Output Determination – Workable Competition.

Unit IV: Alternative Theories of Firm

Full Cost Pricing Rule - Limits Pricing Theory - Bains Theory - Sylos-Labini Model - Modigliani's Models - Input-Output Model - Linear Programming Applications in Decision Making - Peak Load Pricing - Administered Pricing - Purchasing Power Parity Price.

Unit V: Distribution Theories

Neo-Classical Approach - Marginal Productivity Theory - Product Exhaustion Theorem - Modern Theory of Distribution - Factor Pricing in Imperfect Product and Factor Markets - Determination of Wages - Labour Supply and Wage Determination - Role of Trade Unions and Collective Bargaining - Theories of Interest - Theories of Profit.

Text Books:

- Jhingan M.L, (2004 Reprint) Advanced Economic Theory (Vrindha Publications (P) Ltd., New Delhi.
- Agarwal, H.S. Micro Economic Theory, (Ane's Books Pvt. Ltd.,) New Delhi.

References:

1. Hal R. Varian (2004), Intermediate Micro Economics (East-West Press: New Delhi).
2. Ruffin Roy. J (1992), Intermediate Micro Economics Harper & Collins Publishers.
3. Koutsiyannis A. (1978), Modern Micro Economics, (Macmillan- London).

Web Resources:

1. <http://open.oregonstate.education/intermediatemicroeconomics/chapter/module-1>
2. http://saylordotorg.github.io/text_introduction-to-economic-analysis/s16-monopoly.html
3. http://saylordotorg.github.io/text_introduction-to-economic-analysis/s17-games-and-strategic-behaviour.html

Course Outcomes (Cos):

Upon Completion of this course, the Students will be able

No.	Course Outcomes	K-Levels
CO1	To illustrate and analyse the theories of consumer behavior	K1, K2, K4
CO2	To illustrate and identify the choice under uncertainty.	K2, K3
CO3	To compare how price and output is determined in different market situations and evaluate the market structures	K2, K4, K5
CO4	To identify and examine the alternative theories of firms.	K3, K4
CO5	To define, explain, and compare the theory of distribution.	K1, K2, K4

K₁ – Knowledge, K₂ - Understand, K₃ – Apply, K₄ – Analyse, K₅ – Evaluate, K₆ – Create.

CO-PO Mapping (Course Articulation Matrix)

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3
Weightage	15	15	15	15	15
Weighted percentage of Course Contribution to POs	3.0	3.0	3.0	3.0	3.0

Level of Correlation between PSO's and CO's

(Suggested by UGC as per Six Sigma Tool – Cause and Effect Matrix)

Assign the value

1 – Low, 2 – Medium, 3 – High, 0 – No Correlation

Semester	I	Core - II	Hrs	Credit
Course Code	23PEC2	INDIAN ECONOMIC DEVELOPMENT AND POLICY	7	5
Course Objectives	1. To provide a macroeconomic understanding of the Indian Economy. 2. The students become aware of various challenges of the Indian Economy.		Syllabus Version	2023-24

Unit 1: Introduction

Growth And Structural Change Indian Economy at Independence - The Policy Framework: Statist Policy, Transition to Market - Oriented Policy, Role of Erstwhile Planning Commission and NITI Aayog - Two Phases of Growth (1950-1980 and 1980 onwards), Factors Underlying Turnaround - Structural Change in Indian Economy.

Unit 2: Agricultural and Industrial Sector

Agricultural and Industrial Sectors - Agricultural Sector Performance of Agricultural Sector, Factors Determining Agricultural Growth - Factors Underlying Food Inflation - Agricultural Price Policy and Food Security Industrial Growth - Industrial Growth Before and After Reforms - Dualism in Indian Manufacturing - Issues in Performance of Public Sector Enterprises and Privatization.

Unit 3: Fiscal Developments

Fiscal Developments, Finance and External Sector Expenditure Trends - GST: Rationale and Impact - Evolution of the Financial Sector in Post-Liberalization Period - External Sector Performance: Emergence of India as Major Exporter in Services - Performance of Manufacturing Sector.

Unit 4: Poverty and Inequality

Poverty and Inequality - Measuring Poverty in India: Selection of Poverty Lines - Poverty in Pre and Post Liberalization Periods - Impact of Growth on Poverty - PDS Vs Cash Transfers, Feasibility of Universal Basic Income in India - Inequality in India in Pre and Post-Liberalization Periods.

Unit 5: Social Sector

Social Issues Gender Gap in India and Trends in Female Labour Force Participation Rates, Factors Determining Female Labour Force Participation - Employment: Changing Nature of Employment in India, "Jobless Growth" - Labour in Informal Sector - India's Graphic Transition.

Text Books:

1. Sundaram K P M.,(2002),Indian Economy , 42 revised edition., S. Chand Publications
2. Misra, S, &Puri, V.,(2020.), Indian Economy, Revised Edition., S. Chand Publications

Reference Books:

1. KaushikBasu (Ed.) (2012), Oxford Companion to Indian Economy, 3rd Edition, OUP, New Delhi.
2. Uma Kapila (Ed.) (2018), Indian Economy since Independence, Academic Foundation, New Delhi, 29th Edition.
3. AshimaGoyal (Ed.) The Oxford Handbook of the Indian Economy in the 21st Century: Understanding the Inherent Dynamism, Oxford University Press.

Web References:

1. <https://www.adb.org/countries/india/economy>
2. <https://www.oecd.org/economy/india-economic-snapshot/>
3. <https://www.indiabudget.gov.in/economicsurvey/>

Course Outcomes (Cos):

Upon Completion of this course, the Students will be able to

No.	Course Outcomes	K-Levels
CO1	Understand the Structural change in Indian economy	K ₁ , K ₂ , K ₃ , K ₄
CO2	Assess the Performance of agricultural and Industrial sector	K ₁ , K ₂ , K ₃ , K ₄
CO3	Ability to learn the trends in the economy	K ₁ , K ₂ , K ₃ , K ₄ , K ₅
CO4	Understand the Impact of Poverty	K ₁ , K ₂ , K ₃ , K ₄
CO5	Identify Social Issues like Unemployment, Gender disparities	K ₁ , K ₂ , K ₃ , K ₄

K₁ – Knowledge, K₂ - Understand, K₃ – Apply, K₄ – Analyse, K₅ – Evaluate, K₆ – Create.

CO-PO Mapping (Course Articulation Matrix)

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	2	3
CO5	3	3	3	2	3
Weightage	15	15	15	13	15
Weighted percentage of Course Contribution to POs	3	3	3	3	2.6

Level of Correlation between PSO's and CO's

(Suggested by UGC as per Six Sigma Tool – Cause and Effect Matrix)

Assign the value

1 – Low, 2 – Medium, 3 – High, 0 – No Correlation

Semester	I	Core - III	Hrs	Credit
Course Code	23PEC3	STATISTICS FOR ECONOMISTS	6	4
Course Objectives		1. To provide a strong foundation in statistical concepts and develop skills in data handling and research. 2. The course facilitates in inferring the intensity of relationship between multiple variables and building appropriate statistical models. The models thus formulated can be tested for their significance and can be used for forecasting.	Syllabus Version	2023-24

Unit I: Probability

Probability - Addition and Multiplication Theorems - Conditional Probability - Discrete and Continuous - Random Variables - Mathematical Expectations - Bayes Theorem - Theoretical Distributions - Binomial, Poisson and Normal.

Unit II: Sampling and Hypothesis Testing

Sampling Theory - Types of Sampling - Sampling Distributions - Parameter and Statistic - Testing of Hypothesis - Level of Significance - Type I and Type II Errors - Standard Error - Properties of Estimator.

Unit III: Test of Significance Large and Small Sample

Difference between Large and Small Samples - Test of Significance for Large Samples - Test for Two Means and Standard Deviations - Proportion and Confidence Interval - Small Sample Test – t-test - Paired t- test - Chi-square Test - Test of Goodness of Fit.

Unit IV: Analysis of Variance

F test: Assumptions in F test - Analysis of Variance: Assumptions – One-Way and Two-Way Classifications.

Unit V: Statistical Decision Theory

Definitions – Concepts – Maximin - Minimax - Bayes Criterion - Expected Monetary Value - Decision Tree Analysis: Symbols - Steps - Advantages and Limitations.

Text Books

1. Gupta S.P., Statistical Methods, Sultan Chand and Sons, New Delhi, 2017.
2. Anderson, Sweeney and Williams, “Statistics for Business and Economics”, Cengage, 2014.

References:

1. Aggarwal. Y.P (2002), “Statistics Methods – Concepts Application and Computation”, Sterling Publishers Private Ltd., New Delhi.
2. Vittal P.R., Mathematical Statistics, Margham Publications
3. Pillai R.S.N. and Bagavathi V (2010), Statistics, Sultan & amp; Chand Sons, New Delhi.

Web Resources

1. <https://www.statista.com>.
2. <https://techjury.net>
3. https://dss.princeton.edu/online_help/analysis/interpreting_regression.htm

Course Outcomes:

Upon Completion of this course, the Students will be able to

No.	Course Outcomes	K-Levels
CO1	Summarize the basic Probability rules and understand theoretical distributions.	K1 & K2
CO2	Acquire knowledge on the various sampling methods and testing of Hypotheses	K2 & K3
CO3	Use t test and chi square for analysis	K4
CO4	Understand the importance of one and two way ANOVA	K5
CO5	Know the various Decision making tools available	K6

K1 – Knowledge, K2 - Understand, K3 – Apply, K4 – Analyse, K5 – Evaluate, K6 – Create.

CO-PO Mapping (Course Articulation Matrix)

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	2	3	2	2
CO2	3	2	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	2	3	3	2	3
Weightage	14	13	15	13	14
Weighted percentage of Course Contribution to POs	2.8	2.6	3	2.6	2.8

Level of Correlation between PSO's and CO's

(Suggested by UGC as per Six Sigma Tool – Cause and Effect Matrix)

Assign the value

1 – Low, 2 – Medium, 3 – High, 0 – No Correlation

Semester	I	Elective - I	Hrs	Credit
Course Code	23PECE1A	MODERN ECONOMIC THOUGHT	5	3
Course Objectives	1. To trace the ideas of Modern Economists 2. To understand the contribution of the Economists.		Syllabus Version	2023-24

Unit I: Classical Economic Thought

Economic ideas of Irving Fisher - The Quantity theory of Money - Theory of Interest - Joseph Alois Schumpeter - Method of Study: Deductive Method - Inductive Method - Theory of Economic Development - Role of Entrepreneur - Innovation-Business Cycles - Capitalism and Socialism - J.K. Galbraith - The objective of Economic Progress - Concept of Countervailing Power.

Unit II: Neo Classical Economic Thought

Ragnar Nurske - Foreign Resources - Capital Formation - Disguised Unemployment, Mrs. Joan Robinson - Imperfect Competition - F.Y. Edgeworth - Mathematical Economic Analysis - Three Dimensional Utility.

Unit III: Keynesian Economic Thought

Lord Lionel Robbins - Definition of Economics - Causes of Depression - Milton Friedman - Quantity Theory of Money - Permanent Income Hypothesis, Friedman and Savage Hypothesis, Paul A. Samuelson - Impact of Keynesian Economics - Revealed Preference Theory - Business Cycles - Social Welfare Function - Samuelson's Utility Possibility Approach.

Unit IV: Post Keynesian Economic Thoughts

Ideas of Modern Indian Economists - R.K. Mukerjee - Institutional theory of Economics - Regional Economics - Ecological Theory of Population - Planning in India, J.K. Mehta - Static and Dynamic Economics - Economics of Welfare - Economics of Growth and Development- Economics of Fast.

Unit V: Indian Economists

C.N. Vakil - Planning- Wage - Goods Model- Role of Technological Progress - Poverty - Deficit Financing and Public Expenditure, V.K.R.V. Rao - Economic Activities - Institutional Development - Deficit Financing - Fiscal Policy - Human Factor in Economic Growth - Amartya Kumar Sen - Poverty and Famine, Poverty and Inequality - Concept of Capability - Entitlement - Choice of Techniques.

Text Books:

1. Dr.U.C.Kulshrestha (1994), History of Economic Thought, Lakshmi Narain Agarwal
2. Dr.S.Sankaran (2006), A History of Economic Thought, Margham Publications

Reference Books:

1. Eric Roll (1956) A History of Economic Thought, Prentice Hall, Inc, U.S.A,
2. Dr.Pankaj Srivastava (2018) Economic Thinkers, DND Publications, Jaipur
3. M.L.Jhingan, M.Girija and L.Sasikala (2011), History of Economic Thought, Vrindha Publications

Web Resources:

1. https://ebrary.net/112930/history/a_brief_history_of_economic_thought
2. <https://www.exploring-economics.org>
3. <https://www.econlib.org>

Course Outcomes (COs):

Upon completion of this Course, the students will be able to

S. No	Course Outcomes	K-Levels
CO1	Understand modern economic concept of role of Entrepreneur Innovation, Business Cycles and Capitalism and Socialism.	K ₁ , K ₂ , K ₄
CO2	Ability to understand about Capital Formation, Disguised Unemployment Imperfect Competition and Mathematical Economic Analysis	K ₁ , K ₂ , K ₃ , K ₄
CO3	Understand the ideas of Permanent Income Hypothesis, Revealed Preference Theory, Social Welfare Function and Samuelson's Utility Possibility Approach	K ₁ , K ₂ , K ₄
CO4	Gain knowledge about the ideas of Modern Indian Economists- Regional Economics, Ecological Theory of Population - Economics of Growth and Development- Economics of Fast	K ₁ , K ₂ , K ₄
CO5	Understand economic ideas like role of Technological Progress- Poverty -Deficit Financing and Public Expenditure, Human Factor in Economic Growth and Inequality and Concept of Capability	K ₁ , K ₂ , K ₃ , K ₄

K₁ – Knowledge, K₂ - Understand, K₃ – Apply, K₄ – Analyse, K₅ – Evaluate, K₆ – Create.

CO-PO Mapping (Course Articulation Matrix)

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3
Weightage	15	15	15	15	15
Weighted percentage of Course Contribution to POs	3	3	3	3	3

Level of Correlation between PSO's and CO's

(Suggested by UGC as per Six Sigma Tool – Cause and Effect Matrix)

Assign the value **1 – Low, 2 – Medium, 3 – High, 0 – No Correlation**

Semester	I	Elective - I	Hrs	Credit
Course Code	23PECE1B	RURAL ECONOMICS	5	3
Course Objectives	1. To understand rural economic development in India 2. To know about the Rural Empowerment Programs initiated by Government of India		Syllabus Version	2023-24

Unit I: Introduction to Rural Economics

Nature and Scope of Rural Economics - Inter-disciplinary approach of Rural Economics - Components - Structure and Characteristics - Pre and Post-independence - Rural Development: Meaning, Nature and Scope - Factors Affecting Rural Growth

Unit II: Rural Resources and Rural development theories

Rural Resources: Nature, Types and Magnitude - Rural Resources Management and Development - Application of Technology in Rural Development - Problems and prospects - W.W. Rostow's - Lewis-Fei - Ranis and Gandhian Approach to Rural Development.

Unit III: Rural Demography and Occupational Structure

Demography: Population Size, Sex and Age Composition - Density of Population - Population Problems and Challenges - Family Welfare Measures in Rural India - Occupational Structure: Nature of Rural Occupations - Occupational Distribution in Rural India - The Concept of Work Participation Rates.

Unit IV: Rural Poverty and Unemployment

Rural Poverty: Meaning, Estimates, Causes and Consequences - Unemployment: Meaning, Types and Magnitude of Rural Unemployment - Causes and Consequences - National Programmes for Rural Development - Community Development Programmes and Employment Guarantee Schemes.

Unit V: Rural Empowerment Programmes

Bharat Nirman, Provisions of Urban Amenities in Rural Area (PU RA), Mahatma Gandhi National Rural Employment Guarantee Act - Agencies for Rural Development: Government, Semi-Government Organisations, Co-Operative Institutions, Non-Government Organisations and Voluntary Agencies for Rural Development.

Text Books:

1. Vasant Desai: Rural Development in India, Himalaya Publishing House, Mumbai, 2012.
2. Dutt and Sundaram- Indian Economy, S. Chand Publications, New Delhi, 2013-07-02.

References Books:

1. Singh, K., & Shishodia, A. (2016). Rural development: Principles, policies, and management. SAGE Publishing India.
2. Hoff, K., Braverman, A., & Stiglitz, J. E. (1993). The economics of rural organization. Oxford: Oxford University Press.
3. Hill, B., & Ray, D. (1987). Economics for agriculture: food, farming and the rural economy. Basingstoke, UK: Macmillan Education.

Web Resources:

1. <https://www.kobo.com/us/en/ebooks/public-finance>
2. <https://www.amazon.in/PUBLIC-FINANCE-AMBAR-GHOSH-ebook/dp/B07W5F2P1Q>
3. https://www.niti.gov.in/sites/default/files/2021-08/11_Rural_Economy_Discussion_Paper_0.pdf

Course Outcomes (Cos):

Upon Completion of this course, the Students will be able

No.	Course Outcomes	K-Levels
CO1	To label and interpret the nature and scope of rural economics.	K1,K2,
CO2	To define and demonstrate the theories of rural development and rural resources.	K1,K2,
CO3	To recall, outline and determine rural demography and occupation structure.	K1,K2,K5,
CO4	To organize, examine and evaluate rural poverty and unemployment.	K3,K4,
CO5	To summarize, develop and explain the rural empowerment programs.	K2,K3,K5,

K₁ – Knowledge, K₂ - Understand, K₃ – Apply, K₄ – Analyse, K₅ – Evaluate, K₆ – Create

CO-PO Mapping (Course Articulation Matrix)

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5					
Weightage	15	15	15	15	15
Weighted percentage of Course Contribution to POs	3.0	3.0	3.0	3.0	3.0

Level of Correlation between PSO's and CO's

(Suggested by UGC as per Six Sigma Tool – Cause and Effect Matrix)

Assign the value **1 – Low 2 – Medium 3 – High 0 – No Correlation**

Semester	I	Elective - II	Hrs	Credit
Course Code	23PECE2A	REGIONAL ECONOMICS	5	3
Course Objectives		1. To equip the analytical skills required to analyse the regional economic issues. 2. To understand Regional economic growth in India.	Syllabus Version	2023-24

Unit I: Introduction to Regional Economics

Nature and scope of regional economics - Regional economics and regional science - Regional and Urban Economics: Need for a separate study of regional economics - Concept and types of regions: Administrative, Planning, Agro-climatic, Economic and Functional regions.

Unit II: Approaches to regional growth

Approaches to regional growth: Models of regional, inter-regional and multi-regional models; Export base models - Location Theory - Gravity models - Shift-share analysis

Unit III: Theories of regional economic growth

Neoclassical models - Dualistic models: Social dualism - Labour surplus model of Arthur Lewis - Migration and development: Harris-Todaro - Core-Periphery models: Myrdal's Cumulative Casuation Hypothesis - Regional Input-output models - New Economic Geography models: Paul Krugman's model of industrial location and development

Unit IV: Regional economic growth in India

Administrative regions in India: State, District, Taluk and Village; Urban and Rural regions - Concept, definition and measure of State Income (GSDP) - Rural and urban GDP - Differences in estimation of national income (GDP) and State Income (GSDP) - Measurement of interregional economic growth at State level

Unit V: Regional Aspects of Stabilization and Growth Policy

Post-war Regional Cyclical Behaviour and Policy Measures for Stabilization, Theories to Explain Regional Differences in Growth, Fiscal Programmes, Tax and Transfer Programmes, Fiscal Responses of Power Level Governments, Regional Orientation to Policy Programmes and Central Responsibility.

Text books

1. Capello Roberta. (2016). Regional Economics. Routledge (New York).
2. Temple, M. (1994). *Regional economics*. St. Martin's Press.

References

1. Harry W Richardson (1973): Regional Growth Theory, Macmillan.
2. Harry W. Richardson. (1970). Elements of Regional Economics. Penguin Books (New York).
3. Harry W Richardson (1969): Regional Economics: Location theory, Urban structure and regional change, Weidenfeld & Nicolson (London)

Web resources

<http://www.rri.wvu.edu/WebBook/Giarratani/contents.htm>

<https://researchrepository.wvu.edu/cgi/viewcontent>

https://ddceutkal.ac.in/Syllabus/MA_Economics

Course Outcomes (Cos):

Upon Completion of this course, the students will be able to

No.	Course Outcomes	K-Levels
CO1	understand the Nature and scope of regional economics and its need	K1, K3, K4
CO2	Discuss the Models of regional, inter-regional and multi-regional models	K4, K5
CO3	Evaluate the various theories of regional economic growth	K2, K3, K4
CO4	Describes the Measurement of interregional economic growth at State level	K4, K4
CO5	apply Regional Aspects of Stabilization and Growth Policy	K1, K4, K5

K1 – Knowledge, K2 - Understand, K3 – Apply, K4 – Analyse, K5 – Evaluate, K6 – Create.

CO-PO Mapping (Course Articulation Matrix)

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO1	2	3	3	3	2	3
CO2	3	2	2	3	2	3
CO3	3	2	3	2	2	2
CO4	3	3	3	2	3	3
CO5	3	2	2	2	3	2
Weightage	14	12	14	14	12	13
Weighted percentage of Course Contribution to POs	2.8	2.4	2.8	2.8	2.4	2.6

Level of Correlation between PSO's and CO's

(Suggested by UGC as per Six Sigma Tool – Cause and Effect Matrix)

Assign the value 1 – Low 2 – Medium 3 – High 0 – No Correlation

Semester	I	Elective - II	Hrs	Credit
Course Code	23PECE2B	WELFARE ECONOMICS	5	3
Course Objectives		1. To enable students to understand the fundamentals as well as development in the field of Welfare Economics. 2. To show the importance of welfare Economics compared to that of wealth Economics	Syllabus Version	2023-24

Unit 1: Introduction to Welfare Economics

Welfare Economics: Meaning - Concepts: Individual and Social Welfare - Value Judgments - Preferences and Utility - Utility function: Properties - Interpersonal comparisons of utility: degrees of interpersonal comparability - Social Welfare Function: Bentham's Utilitarianism- Pigouvian Welfare Economics.

Unit II: Approaches to Welfare

Cardinal and Ordinal Approaches - Hicks's Four Measures of Consumers' Surplus - Partial and General Equilibrium - Edgeworth Box Diagram - General Equilibrium of Production and Exchange.

Unit III: Pareto Optimality Conditions

Pareto-Optimality Criterion - Definition-Marginal Conditions of Pareto Optimum - Perfect Competition and Pareto Optimality- Exceptions - Externalities - Public Goods and Market Failure - Theory of Second Best.

Unit IV: New Welfare Economics

New Welfare Economics - Kaldor- Hicks Compensation Criterion - Utility Possibility Curve - Shortcomings - Scitovsky Paradox - Scitovsky's Double Criterion of Welfare - Little's Criterion.

Unit V: Theories of Social Choice

Utility Possibility Curve and Frontier Grand Utility Possibility Curve - Iso Welfare Curves - Arrow's Impossibility Theorem - Amartya Sen and Capability Theorem - Rawls Theory of Social Justice.

Text Books

1. Verma K.N (2012) Microeconomic Theory, Vishal Publishing House
2. Per -Olov Johansson (2009) An introduction to Modern Welfare Economics, Cambridge University Press

References

1. Arrow, Kenneth J (1963) Social Choice and Individual Values, Cowles Foundation Monograph 12, 2nd ed. Yale University
2. Bossert, Walter and Kotaro Suzumura (2010) Consistency, Choice and Rationality, Harvard University Press: Cambridge MA
3. Broadway, R.W. and N. Bruce (1984), Welfare Economics, Basil Blackwell, Oxford.

Web Resources

1. <https://conceptually.org/concepts/pareto-principle>
2. <https://web.stanford.edu/~jdlevin/Econ 202/General Equilibrium.pdf>
3. <https://policonomics.com/lp-welfare-economics1-general-equilib...>

Course Outcomes (Cos):

Upon Completion of this course, the students will be able to

No.	Course Outcomes	K-Levels
CO1	Summarize the Contribution to Welfare Economics	K1, K2
CO2	Analyse the different approaches to Welfare Economics	K3, K4
CO3	Interpret the development of Pareto Optimality Conditions	K1, K2, K3
CO4	Explain the compensation Criteria of Economics	K2, K5
CO5	Evaluate theories of Social Choice.	K2, K4, K5

K1 – Knowledge, K2 - Understand, K3 – Apply, K4 – Analyse, K5 – Evaluate, K6 – Create.

CO-PO Mapping (Course Articulation Matrix)

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	2	3	3
CO2	2	3	2	3	2
CO3	3	3	2	3	2
CO4	2	3	2	3	2
CO5	2	3	2	3	3
Weightage	12	15			
Weighted percentage of Course Contribution to POs	2.4	3	2	3	2.4

Level of Correlation between PSO's and CO's

(Suggested by UGC as per Six Sigma Tool – Cause and Effect Matrix)

Assign the value **1 – Low 2 – Medium 3 – High 0 – No Correlation**

Semester	II	Core – IV	Hrs	Credit
Course Code	23PEC4	MONETARY ECONOMICS	6	5
Course Objectives	1. The course is devoted to the main issues in modern monetary economics. 2. The factors behind money demand and supply are studied through the set of comprehensive monetary models.		Syllabus Version	2023-24

Unit I: Classical Theories of Money

Demand for Money Quantity theories of Money - Fisher and Cambridge - Keynesian monetary theory- James Tobin's portfolio analysis of money demand - Don Patinkin's Integration - Real Balance Effect - Milton Friedman's reformulated quantity theory.

Unit II: Supply of Money

Supply of Money Types and Determinants of Money Supply - Money Multiplier - Theories of Interest Rate - Classical - Keynes - Hicks - Hansen.

Unit III: Money and Capital Market

Money and Capital Market - Significance and functions of Money market and capital market - Role of financial intermediaries - Effects of financial intermediation - Non-banking financial institutions - Gurley and Shaw theory.

Unit IV: Banking and its functions

Banking Functions of Commercial banks - Credit creation - Process and limitations - Role of Commercial banks after nationalization - after reforms - Role of RBI - Regulation of money supply and credit - Narasimham Committee Reports – 1991 and 1998 - Raguram Rajan Committee Report - 2007.

Unit V: Monetary Policies

Monetary Policy Objectives and Instruments of Monetary policy - Limitations of monetary policy - Monetarism and Keynesianism - Comparison - Supply side policies.

Text Books:

1. Bain, Keith and Howells, Peter: Monetary Economics: Policy and its theoretical Basis, Palgrave Macmillan, 2nd Edition, 2009
2. Mishkin .S. Frederic The Economics of Money, Banking and Financial Markets, Pearson Publication, 11th Edition, 2015

References:

1. Jhingan, M.L. (2005), Monetary Economics [Konark Publication, New Delhi].
2. Sundaram, K.P.M. (2003), Money, Banking and International Trade [Vikas, New Delhi].
3. Vaish, M.C. (2004), Money, Banking and International Trade [New Age International, New Delhi].

Web Resources:

1. <https://www.amazon.in/Handbook-Monetary-Economics-Benjamin-Friedman-ebook/dp/B00EXOTZ96>
2. <https://link.springer.com/book/10.1057/9780230280854>
3. <https://www.rbi.org.in/scripts/AnnualPublications.aspx?head=Handbook%20of%20Statistics%20on%20Indian%20Economy>

Course Outcomes (Cos):

Upon Completion of this course, the students will be able to

No.	Course Outcomes	K-Levels
CO1	To list out and outline the theories of money.	K1, K2,
CO2	To explain construct and distinguish various determinate of money supply and multiplier.	K2, K3, K4,
CO3	To label, explain and evaluate the capital market.	K1, K2, K5
CO4	To define, illustrate and importance of banking sector.	K1, K2, K5,
CO5	To interpret and make use of monetary policy.	K2, K3,

K₁ – Knowledge, K₂ - Understand, K₃ – Apply, K₄ – Analyse, K₅ – Evaluate, K₆ – Create

CO-PO Mapping (Course Articulation Matrix)

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3
Weightage	15	15	15	15	15
Weighted percentage of Course Contribution to POs	3.0	3.0	3.0	3.0	3.0

Level of Correlation between PSO's and CO's

(Suggested by UGC as per Six Sigma Tool – Cause and Effect Matrix)

Assign the value **1 – Low 2 – Medium 3 – High 0 – No Correlation**

Semester	II	Core - V	Hrs	Credit
Course Code	23PEC5	LABOUR ECONOMICS	6	5
Course Objectives		1. To enable and acquire the knowledge the relating to the significance of labour market 2. To understand the man power in Economic Development	Syllabus Version	2023-24

Unit I: Labour Market and Policies

Labour Market - Nature and Characteristics, Demand for Labour in relation to size and pattern of investment, Choice of technologies and Labour policies Supply of Labour, Growth of Labour Force, Labour Market Policies, Mobility and Productivity

Unit II: Employment and Wage Determination

Employment and Development relationship - Poverty and Unemployment, Unemployment: Types, concepts and measurement, Employment Policy Wage Determination - Classical, Neo-classical and Bargaining theories - Concepts of minimum wage and efficiency wage - Non-wage component.

Unit III: Trade Union Movement

Since Independence and Present Scenario of the Trade Union Movement - AITUC - INTUC - HMS - UTUC - Association of Indian Trade Unions with International Trade Unions - Problems of Trade Unions - Essentials for success of a Trade Union - The Trade Union Act, 1926 - Recent policies relating to Trade Union Act.

Unit IV: Industrial Relation

Need for Industrial Relation Machinery - Preventive and Curative methods - Collective Bargaining, Arbitration and Adjudications - Industrial Democracy, Workers participation in management - Role of State in Industrial Relations.

Unit V: Social Security and Reforms

Social Security - Concepts and evolution, Social assistance and insurance, Review and Appraisal of State Policies, Special Problems - Child labour, Discrimination, Bonded labour - Labour market Reforms - Exit Policy, Safety requirements, National Commission on Labour, Globalization and Labour markets, Mobility of labour.

Text books

1. Pant C.(1978),Indian Labour Problems, (Allahabad,Chaitanya Publishing House).
2. Singh S.S., and Metha S. (1989), Labour Economics, (Ajanta Prakasham New Delhi).

References

1. Tyagi P.B.(1995), Labour Economics and Social welfare, (JaiprakashNath&Co.Meerut),
2. Baholiwal T.N.(1981), Economics of Labour and Industrial Relations, (SahityaBhawan, Agra).
3. Giri V.V. (1985), Labour Problems in Indian Industry (Asia Publishing House, Bombay).

Web resources

1. <https://fac.ksu.edu.sa/sites/default/files/Moder..>
2. <http://students.aiu.edu/resources/onlineBook/q...>
3. <http://assets.v mou.ac.in/PGDLL06>

Course Outcomes (Cos):

Upon Completion of this course, the students will be able to

No.	Course Outcomes	K-Levels
CO1	Study the recent trends of labour and their productivity	K1, K3, K4
CO2	Assess the determination of employment and wages	K3,K4
CO3	Understand the trade unions and their impact on labour market	K1, K4,K5
CO4	Evaluate the Industrial relation	K3,K4
CO5	Analyze the current trends of social security measures	K1,K4,K5

K1 – Knowledge, K2 - Understand, K3 – Apply, K4 – Analyse, K5 – Evaluate, K6 – Create.

CO-PO Mapping (Course Articulation Matrix)

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO1	2	3	3	3	2	3
CO2	2	3	2	3	2	3
CO3	3	2	3	2	3	3
CO4	2	2	3	2	3	3
CO5	3	2	3	2	3	2
Weightage	12	12	15	14	13	14
Weighted percentage of Course Contribution to POs	2.4	2.4	3	2.8	2.6	2.8

Level of Correlation between PSO's and CO's

(Suggested by UGC as per Six Sigma Tool – Cause and Effect Matrix)

Assign the value **1 – Low** **2 – Medium** **3 – High** **0 – No Correlation**

Semester	II	Core - VI	Hrs	Credit
Course Code	23PEC6	MATHEMATICAL ECONOMICS	6	4
Course Objectives		1. The paper aims to introduce students to the basic building blocks of mathematical analysis used in modern economic theory. 2. To equip the students with mathematical tools and to optimize both static and dynamic economic environment.	Syllabus Version	2023-24

Unit I: Introduction to Linear Algebra

Sets - Basic Concepts - Ordered Sets - Relations - Order relations - Metric Spaces - Open and Closed sets - Convergence - Linear Algebra, Vectors, Matrices, Inverse, Simultaneous linear equations, Cramer's rule for solving system of linear equations, Input-Output model, Hawkins - Simon condition, Open and Closed models, Quadratic equation, Characteristic (Eigen) roots and vectors

Unit II: Differential Calculus

Introduction to Functions, Limits and Continuity - Derivatives - Concept of Maxima and Minima - Elasticity and Point of inflection - Profit & revenue maximization under perfect competition, under monopoly - Maximizing excise tax revenue in monopolistic competitive market, Minimization of cost etc.

Unit III: Optimization Techniques with Constraints

Functions of several variables, Partial and Total, Economic Applications, Implicit function theorem, higher order derivatives and Young's theorem, Properties of linear homogenous functions, Euler's theorem, Cobb-Douglas Production Function - Constrained Optimization-Lagrangian Multiplier Technique - Vector and Matrix Differentiation - Jacobian and Hessian Matrices - Applications - Utility maximization, Profit maximization and Cost minimization.

Unit IV: Linear and Non-Linear Programming

Optimization with Inequality Constraints - Linear Programming - Formulation - Primal and Dual - Graphical and Simplex method - Duality Theorem - Non-Linear Programming - Kuhn-Tucker Conditions - Economic Applications.

Unit V: Economic Dynamics

Differential Equations - Basic Ideas - Types - Solution of Differential Equations (Homogenous and Exact) - Linear Differential Equations with Constant Coefficients (First and Second Order) - Applications - Solow's Model - Harrod-Domar Model - Applications to Market models - Difference Equations - Types - Linear Difference Equations with Constant Coefficients (First and Second order) and solutions - Applications - Samuelson's Accelerator - Multiplier model-Cobweb model.

Textbooks:

1. Geoff Renshaw, (2016) Maths for Economics, 4E Oxford University Press.
2. Mabbet A J (1986) Workout Mathematics for Economists, Macmillan Master Series, 4th Edition London.

References:

1. Carter, M. (2001). Foundations of Mathematical Economics, MIT Press.
2. Chiang, A. C. and Wainwright, K. (2005). Fundamental Methods of Mathematical Economics, McGraw-Hill Education.
3. Dowling E. T., Mathematics for economists, Schaum Series (latest edition).

Web Resources

1. <https://www.udemy.com/course/mathematics-for-economists-functions-and-derivatives/>
2. <https://www.classcentral.com/course/swayam-mathematical-economics-14187>
3. <https://www.coursera.org/learn/introduction-to-calculus>

Course Outcomes (Cos):

Upon Completion of this course, the students will be able to

No.	Course Outcomes	K-Levels
CO1	Understand the mathematical structure of standard economic theoretical framework	K1, K2, K4
CO2	Equip students with mathematical tools to solve optimization problems appear in economic theory	K2, K4, K5
CO3	Equip students with tools to read the technical writing appear in standard economic journals	K1, K3, K4
CO4	Analyse the dynamics of macroeconomic policies in an economy	K1, K2, K4
CO5	Analyse mathematically the dynamics of the growth process in an economy	K3, K2, K5

K1 – Knowledge, K2 - Understand, K3 – Apply, K4 – Analyse, K5 – Evaluate, K6 – Create.

CO-PO Mapping (Course Articulation Matrix)

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3
Weightage	15	15	15	15	15
Weighted percentage of Course Contribution to POs	3	3	3	3	3

Level of Correlation between PSO's and CO's

(Suggested by UGC as per Six Sigma Tool – Cause and Effect Matrix)

Assign the value **1 – Low 2 – Medium 3 – High 0 – No Correlation**

Semester	II	Elective - III	Hrs	Credit
Course Code	23PECE3A	GENDER ECONOMICS	4	3
Course Objectives		1. To evaluate sources of socio-economic and demographic information for analyzing the impact of the gender factor on demographic processes and economic development 2. It enables to foresee the contributions of women as active economic agents and strategies to empower women and reduce gender inequalities.	Syllabus Version	2023-24

Unit I: Introduction

Definition- Objectives of Gender Studies - Importance of gender Studies - Women and work: unpaid, underpaid and casual work - Women in primary, secondary and tertiary sectors - Classification of work in Indian census and NSSO – Main workers, marginal workers, non-workers - Invisibility of women's work, problems in measurement - Non-recognition of women's work in national income accounting

Unit II: Gender Inequality in Labor Market

Segmented Labor Market and Occupational Segregation - Gendered Jobs and Social Inequality - Sex Segregation at Work Place - Globalization and its impact on gender - Issues of wage discrimination and exploitation in unorganized sector - Women's participation in organized sector - Gender Discrimination - Gender issues at the work place

Unit II: Social Empowerment

Women in Higher Education - Gender issues in Health, Environment, Family welfare Measures - Indecent representation of Women in Media - Women in Difficult Circumstances; Constitutional.

Unit III: Economic Empowerment

Organized Sector, Unorganized Sector - Role of Women in Economic Development - Female Poverty and Poverty Alleviation Programmes - Status of Women Farmers and Land Rights - Women Entrepreneurs - Impact of Globalization on Working Women - National Policy For The Empowerment of Women 2001.

Unit V: Social issues and Women in Indian Planning

Issues in the Unorganized Sector of Employment - Women's Work: Status and Problems - Problems of Dalit Women - Invisibility of Women in Official Data System - Absence of Gender Disaggregated Data - Initiatives Towards Recognition of Women As Agents of Development from Sixth Five Year Plan.

Text books

1. Eswaran, M. (2014). *Why gender matters in economics*. Princeton University Press.
2. Becchio, G. (2019). *A History of Feminist and Gender Economics*. Routledge.

References

1. Humphries, J. (1995). *Gender and economics*. Edward Elgar Publishing.
2. Dijkstra, G., & Plantenga, J. (2013). *Gender and economics: a European perspective*. Routledge.
3. Negra, D., & Tasker, Y. (2014). Introduction. Gender and recessionary culture. In *Gendering the Recession* (pp. 1-30). Duke University Press.

Web Resources

https://www.academia.edu/9_Ch_1_Gender_Economi...

<https://ftp.iza.org/> .

<https://www.oecd.org/derec/> worldbankgroup

Course Outcomes (Cos):

Upon Completion of this course, the students will be able to

No.	Course Outcomes	K-Levels
CO1	Understand the Gendered jobs and Social Inequality	K1, K3
CO2	describes the Issues of wage discrimination and exploitation in unorganised sector	K3, K4
CO3	Explain the Gender issues in Health, Environment, Family welfare Measures	K4, K5
CO4	Evaluate the Impact of Globalization on working women and National Policy for the empowerment of women 2001	K1, K3, K4
CO5	Assess the Initiatives towards recognition of women as agents of development from sixth five year plan.	K1, K4, K5

K1 – Knowledge, K2 - Understand, K3 – Apply, K4 – Analyse, K5 – Evaluate, K6 – Create.

CO-PO Mapping (Course Articulation Matrix)

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO1	2	3	3	3	2	3
CO2	2	2	2	3	2	3
CO3	3	2	3	3	2	3
CO4	2	2	2	2	3	3
CO5	3	2	3	2	3	2
Weightage	12	11	14	15	12	14
Weighted percentage of Course Contribution to POs						

Level of Correlation between PSO's and CO's

(Suggested by UGC as per Six Sigma Tool – Cause and Effect Matrix)

Assign the value 1 – Low 2 – Medium 3 – High 0 – No Correlation

Semester	II	Elective - III	Hrs	Credit
Course Code	23PECE3B	URBAN ECONOMICS	4	3
Course Objectives		1. To equip with theory and measurement of urban economic growth and development, spatial structure of cities and urbanization. 2. The course outlines the issues of urban poverty and its impact on urbanization.	Syllabus Version	2023-24

Unit I: Introduction

Definition and Scope of Urban Economics - Sources of Urban Growth - International Migration, Trends in Growth of Urban Population in the World - Urban Reclassification and Physical Expansion of Urban Boundaries - Urbanization and Agglomeration Economies - Industrialization and Services Sector Growth - Urbanization and Urban Economic Growth - Urbanization and Globalization.

Unit II: Economics of Urbanization

The Process of Urbanization: Nature and Dimensions, Factors Initiating and Perpetuating Urbanization Process - Characteristics of an Economy Passing Through Different Stages of Urbanization - Classification of Urban Areas by Demographic, Geographical and Economic Criteria - Process of Sub-Urbanization.

Unit III: Theories of Urban Growth and spatial structure

Christaller's Central Place Theory - The Human Ecological Approach to Urban Growth - Urban Size: Ratchet-Rank Size Rule - Migration and Urban Economic Growth: Harris-Todaro Model - Concepts of City Structure - The Minimization of Costs of Friction Hypothesis - Location Equilibrium of an Urban Firm - The Concentric Zone Hypothesis - Urban Residential Land Use Models: Alonso, Muth, Siegel, Park Burgess.

Unit IV: Urbanization and Labour Market

Urbanisation and Labour Market - Pull and Push Factors for Urbanisation in India - High Wages and Improved Infrastructure - Employment Opportunities and Educational facilities - Growth of formal and Informal economic activities - Labour Force Participation and Distribution of Workers.

Unit V: Urban Problems and Urban Planning

Over Population and congestion - Urban housing problem - Urban environment: Air, Water and Noise Pollution - Urban poverty and inequality - Urban Infrastructure: transport Water Supply, Sanitation and Solid waste management - Need for Urban Planning: Objectives and Techniques - Emerging Planning Process - Comprehensive Development Plan - Master Plan - Jawaharlal Nehru National Urban Renewal Mission - Smart Cities.

Text books

1. Shukla, V. (1996) Urbanization and Economic Growth, Himalaya Publishers Pvt. Ltd (New Delhi).
2. Robert L Bish and Hugh O Nourse (1975), Urban Economics and Policy Analysis, McGraw Hill Kogakusha Ltd (Tokyo).

References

1. O' Sullivan (2012), Urban Economics, McGraw Hill Higher Education (Boston).
2. Edwin S. Mills. (1987). Handbook on Regional and Urban Economics, Volume 2: Urban Economics. North-Holland (Amsterdam).
3. Duranton, G., & Strange, W. C. (1986). *Handbook of regional and urban economics: applied urban economics* (Vol. 3). Elsevier.

Web resources

1. <https://link.springer.com> > bfm:978-1-349-15661-0 > 1.pdf
2. <https://www.academia.edu> > Urban_economics_Arthur_O..
3. <https://www.yisk-books.com> > show > book > regional-a..

Course Outcomes (Cos):

Upon Completion of this course, the students will be able to

No.	Course Outcomes	K-Levels
CO1	Understand scope of urban economics and urban economic growth	K1, K2, K3
CO2	Describe the process of urbanisation and classification of urban areas	K3, K5
CO3	Evaluate the various theories of urban growth and spatial structure	K2, K4
CO4	Explain the urban Labour Market, Labour Force Participation and Distribution of Workers	K1, K2
CO5	Familiarize the urban problems and planning process.	K1, K4, K5

K1 – Knowledge, K2 - Understand, K3 – Apply, K4 – Analyse, K5 – Evaluate, K6 – Create.

CO-PO Mapping (Course Articulation Matrix)

CO / PO	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO1	2	3	3	3	2	3
CO2	3	3	3	3	2	3
CO3	3	2	3	2	2	3
CO4	3	2	2	2	3	3
CO5	3	2	2	2	3	3
Weightage	14	12	13	14	12	15
Weighted percentage of Course Contribution to POs	2.8	2.4	2.6	2.8	2.4	3

Level of Correlation between PSO's and CO's

(Suggested by UGC as per Six Sigma Tool – Cause and Effect Matrix)

Assign the value 1 – Low 2 – Medium 3 – High 0 – No Correlation

Semester	II	Elective - IV	Hrs	Credit
Course Code	23PECE4A	RESOURCE ECONOMICS	4	3
Course Objectives	1. To trace the resources in the country 2. To understand the quality of the available natural resources.		Syllabus Version	2023-24

Unit I: Introduction

Land Resources in India - Types of soil - Land resource Classification - Forest, Barren Land, Pastures and Grazing Land, Cultural Waste Land, Fallow Land, Agricultural Land - Net Sown Area - Land Degradation and Soil Erosion - Preventive Measures.

Unit II: Role of Resources in Economic Development

Forest Resources - Role of Forests in Economic Development - Forest cover in India - Deforestation - Effects of Deforestation - Urban Forestry - Objectives of Urban Forestry - Social Forestry - Constraints in Social Forestry - Collective Participatory Forest Management – Recent National Forest Policy Act.

Unit III: Water Resources in India

Water Resources in India - Surface Water - Ground Water - Water Demand and Utilisation - Water Resource Planning - Multi-Objective Approach - Benefit Cost Ratio - Capital outlay - Environmental Impact Assessment (EIA) - Manageability of the project - Sustainable Water Management - Recent National Water Policy.

Unit IV: Mineral Resources

Mineral Resources - Metallic Minerals - Non Metallic Minerals - Mineral Fuels - Environmental Costs of Extracting Mineral Resources - Environmental Impacts of Mineral Resource Extraction and Use - Mineral Conservation and Development Rules (1988).

Unit V: Conservation and Management of Natural Resources

Conservation and Management of Natural Resources - Meaning and objectives of Conservation - Conservation of Renewable Resources: Soil conservation - Water conservation - Forests conservation - Fish Conservation - Biodiversity Conservation. Conservation of Non Renewable Resources: Energy Conservation - Mineral Conservation.

Text Books:

1. M.L.Jhingan, ChandarK.Sharma (2007) Environmental Economics Theory, Management and Policy, Vrindha Publications, New Delhi
2. G.Paneerselvam (2008) Economics of Natural Resources in India, Abhijeet Publications, New Delhi

Reference Books:

1. Jon .M.Conrod (2010), Resource Economics ,Cambridge University Press,U.K
2. John C.Bergstrom& Alan Randall (2010), Resource Economics –An Economic Approach to Natural Resource and Environmental Policy, Edward Elgar Pub,Ltd
3. Judith Rees (2019) Natural Resources Allocation Economics and Policy,Routledge,UK

Web Resources:

1. <https://www.india.gov.in/topics/environment-forest/natural-resources>
2. <https://ibm.gov.in/writereaddata/files/09182018162439Mineral%20Scenario%20pdf.pdf>

Course Outcomes (COs):

Upon Completion of this course, the students will be able to

S. No	Course Outcomes	K-Levels
CO1	Ability to understand land resources in India and the issues related to it	K ₁ , K ₂ , K ₃ K ₄
CO2	Assess the availability of Forest resources and understand the methods to conserve the resources	K ₁ ,K ₂ , K ₃ K ₄
CO3	Understand the water resources in the country and related environmental issues	K ₁ ,K ₂ , K ₃ K ₄
CO4	Trace the mineral resources in the country	K ₁ , K ₂ , K ₃ K ₄
CO5	Ability to know about conservation of Natural Resources	K ₁ , K ₂ , K ₃ , K ₄

K₁ – Knowledge, K₂ - Understand, K₃ – Apply, K₄ – Analyse, K₅ – Evaluate, K₆– Create.

CO-PO Mapping (Course Articulation Matrix)

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3
Weightage	15	15	15	15	15
Weighted percentage of Course Contribution to POs	3	3	3	3	3

Level of Correlation between PSO's and CO's

(Suggested by UGC as per Six Sigma Tool – Cause and Effect Matrix)

Assign the value **1 – Low 2 – Medium 3 – High 0 – No Correlation**

Semester	II	Elective - IV	Hrs	Credit
Course Code	23PECE4B	ECONOMICS OF CLIMATE CHANGE	4	3
Course Objectives		1. The objective of this course is to analyses climate change from an economic perspective. 2. The problem is characterized as one of regulating a global stock externality in an inter temporal setting and in the presence of uncertainty and irreversibility.	Syllabus Version	2023-24

Unit I: Introduction

Science of Climate Change; Global and Regional Climate Predictions; Uncertainty in Science; Physical Impacts of Climate Change - Agriculture, Sea Level Rise, Health, Extreme Events; Policy Debate.

Unit II: Climate Change Policy - Mitigation

Efficiency, Public Goods, Externalities; Environmental Policy Instruments - Emissions Trading, Carbon Tax, Emission Trading Versus Tax; Stock Pollutants And Discounting; Decisions Under Risk And Uncertainty.

Unit III: Integrated Assessment

Costs and Benefits of Greenhouse Gas Mitigation - Integrated Assessment Models - Simulation Exercises Based on DICE Model and its Variants - Sensitivity and Uncertainty Analysis - Stern Review.

Unit IV: Climate Change Policy - Adaptation

Climate Change Impact Assessment - Applications for Agriculture - Sea Level Rise and Health - Vulnerability Assessment - Economics of Adaptation - Measurement of Adaptation Cost - Issues in Financing Adaptation.

Unit V: Climate Change Negotiations and Equity

Criteria for Distribution of Emission Reduction Burden - Distribution Criteria for Adaptation Fund - Inter and Intra - Generational Equity Issues - Discounting in Climate Change Context.

Text Books:

1. Perman, R., Ma. Y., Common, M., Maddison, D., Mcgilvray, J., Natural Resource and Environmental Economics, Pearson Education Limited, 2011 (4th Edition).
2. Intergovernmental Panel on Climate Change – Fifth Assessment Report, 2011 Stern, N., The economics of climate change – The Stern Review, Cambridge University Press, 2006.

Reference:

1. F. Ackerman, E. Stanton: Climate Economics: State of the Art. Routledge (2013)
2. W. Nordhaus: A Question of Balance. Yale University Press (2008)
3. D. Acemoglu, P. Aghion, Leonardo Bursztyn, D Hemous. (2012). "The environment and directed technical change," American Economic Review, 102(1): 131-166.

Web Resources:

1. <https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwjC>
2. <https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwjC>

Course Outcomes (Cos):

Upon Completion of this course, the students will be able to

CO Code	Course Outcomes	K-Levels
CO1	To define and explain the science of climate change.	K1, K2
CO2	To explain and identify the climate change policy.	K2, K3
CO3	To illustrate and analyses the integrated assessment of climate changes.	K2, K4
CO4	To classify, compare and evaluate climate change impact assessment.	K4, K5
CO5	To estimate and illustrate the climate change negotiations and equity.	K5, K6

K₁ – Knowledge, K₂ - Understand, K₃ – Apply, K₄ – Analyse, K₅ – Evaluate, K₆ – Create.

CO-PO Mapping (Course Articulation Matrix)

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO1	3	3	3	3	3	3
CO2	3	3	3	3	3	3
CO3	3	3	3	3	3	3
CO4	3	3	3	3	3	2
CO5	3	3	3	3	3	3
Weightage	15	15	15	15	15	15
Weighted percentage of Course Contribution to POs	3.0	3.0	3.0	3.0	3.0	3.0

Level of Correlation between PSO's and CO's

(Suggested by UGC as per Six Sigma Tool – Cause and Effect Matrix)

Assign the value **1 – Low 2 – Medium 3 – High 0 – No Correlation**

Semester	II	Skill Enhancement Course - I	Hrs	Credit
Course Code	23PECSE1	LEADERSHIP QUALITY AND DEVELOPMENT	4	2
Course Objectives		1. This course would provide an understanding of the various aspects that would eventually help in becoming a Leader 2. To cultivate the leadership qualities among students	Syllabus Version	2023-24

Unit I: Introduction

Leadership - Definition - Evolution and Growth of leadership - Theories of Leadership - Blake and Mouton's Managerial Grid - House's Path Goal Theory - Great Man Theory of Leadership.

Unit 2: Traits of a Leader

Developing Leadership Traits and Skills - Styles of Leadership - Difference between Leadership and Management - Authority Vs Leadership.

Unit 3: Motivation and Emotional Intelligence

Leadership and Motivation - Emotional Intelligence - Traits of an Ethical Leader - Cultural Dimensions of Leadership - Creating Personal Leadership Brand.

Unit 4: Group Leadership

Team Leadership - Conflict Management - Effective Negotiations - Group culture and dynamics.

Unit 5: Women and Leadership

Women Political Leaders - Women in Corporate - Concept of Glass Ceiling in the Workplace - Influential Indian Women in Corporate.

Textbooks:

1. Kavin Dalton (2013) Leadership and Management Development Pearson Education
2. Stephen R. Covey (2014) Principle-centered Leadership Harper Collins Publisher

References:

1. John Maxwell (2007), The 21 Irrefutable Laws of Leadership, Harper Collins Leadership
2. James M. Kouzes and Barry Z. Posner (2010), The Truth About Leadership, First Edition Jossey-Bass Publisher
3. Dr. Carrie Picardi (2021), Leadership Essentials You Always Wanted to Know (Self-Learning Management Series) First Edition Vibrant Publishers.

Web Resources:

1. https://www.mindtools.com/pages/article/newLDR_84.htm
2. <https://www.imd.org/imd-reflections/reflection-page/leadership-styles/>
3. <https://www.thebalancecareers.com/conflict-management-skills-2059687>

Course Outcomes (Cos):

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

No.	Course Outcomes	K-Levels
CO1	Understand the importance of Leadership	K1, K4
CO2	Summarize the leadership Styles	K2,K5
CO3	Analyze the Motivation required for an Effective Leader	K4, K5
CO4	Formulate policies to understand Conflict Management	K4, K6
CO5	Explain the leadership styles of Women in Politics and Business	K2,K4,K6

K1 – Knowledge, K2 - Understand, K3 – Apply, K4 – Analyse, K5 – Evaluate, K6 – Create.

CO-PO Mapping (Course Articulation Matrix)

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	2	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3
Weightage	15	15	14	15	15
Weighted percentage of Course Contribution to POs	3	3	2.8	3	3

Level of Correlation between PSO's and CO's

(Suggested by UGC as per Six Sigma Tool – Cause and Effect Matrix)

Assign the value **1 – Low 2 – Medium 3 – High 0 – No Correlation**

Semester	III	Core - VII	Hrs	Credit
Course Code	23PEC7	ADVANCED MACRO ECONOMICS	6	5
Course Objectives		1. This course on macroeconomics intends to make the students understand the working of the economy as a whole, integrating the different markets. 2. This course also gives the Classical and Keynesian perspectives on the economic factors affecting an economy's general equilibrium.	Syllabus Version	2023-24

Unit 1: Basic Concepts in Macro Economics

Macro Economics Vs Micro Economics - Limitation of Macro Economics - Stock and Flow variation - Equilibrium and Disequilibrium, Partial and General Equilibrium, Concepts of National Income.

Unit 2: Classical, Keynesian and Post Keynesian Macroeconomics

Classical Theory of Output and Employment - Say's Law of Market - Keynesian Theory of Output and Employment - Effective Demand - Determinants - ADF and ASF - Hicks Hansen IS-LM-BP Model.

Unit 3: New Classical Macroeconomics

Rational Expectation Model - Source of Productivity Shocks in Real Business Cycle Theory - Role of Money in Real Business Cycle Theory - DSGE - DSEG Models.

Unit 4: New Keynesian Macroeconomics

Core Propositions of New Keynesian Macroeconomics - Wage and Price Rigidities - New Keynesian Business Cycle Theory - Policy Implications of New Keynesian Macroeconomics.

Unit 5: Macroeconomic Policies

Fiscal Policy: Objectives and Features - Monetary Policy: Objectives and Features - Optional Policy Mix - Bond Financed and Tax Financed Government Expenditure - Government Budget and Budget Deficit.

Text Books

1. Jhingan, M.L. (2010) Macro Economic Theory, Vrinda Publication (P) Ltd, New Delhi.
3. Dornbusch, Rudiger, Stanley Fischer, and Richard Startz (2000). Macroeconomics, Tata McGraw-Hill Publishing Company, New Delhi.
4. Mankew, N.G and D. Romer (1991), New Keynesian Economics, MIT Press, Cambridge.
5. Roger E.A. Farmer (2002), Macro Economics, Thompson Asia Pvt. Ltd., Singapore.

Reference Books

1. Michl, T. R. (2015). Macroeconomic Theory: A Short Course: A Short Course. Routledge.
- Levacic, R. (1982). Macroeconomics: an introduction to Keynesian-

neoclassical controversies (No. 339.2 L4.).Macroeconomics: Dornbusch, Fischer, and Startz (Ninth Edition), 2004. Tata McGraw-Hill

2. Blanchard, O., &Giavazzi, F. (2003). Macroeconomic effects of regulation and deregulation in goods and labor markets. The Quarterly Journal of Economics, 118(3), 879-907.
3. Romer D., 1996, Advanced Macroeconomics, McGraw-Hill International.
4. Obstfeld, M., Rogoff, K. S., & Wren-lewis, S. (1996). Foundations of international macroeconomics (Vol. 30). Cambridge, MA: MIT press.
5. Krugman, P.R., and M. Obstfeld, 2003, International Economics: Theory and Policy, 6th edition, India: Pearson Education.

Web Resources

1. <https://www.econlib.org/library/Enc/bios/Keynes.html>
2. <https://www.postkeynesian.net/post-keynesian-economics/>
3. <https://www.bu.edu/econ/files/2014/08/DLS1.pdf>

Course Outcomes (Cos):

Upon Completion of this course, the students will be able to

No.	Course Outcomes	K-Levels
CO1	Defines and understand the concepts of general Equilibrium in the Economy and its models and approaches	K1, K2
CO2	Define, Illustrate and examine the role of rational expectations influencing macroeconomics variables, models of income and the various approaches to the working of business cycles.	K1, K2, K4
CO3	To demonstrate, identify and to understand the functions of the major propositions of new Keynesian macroeconomics	K2, K3, K4
CO4	To understand how, Evaluate and to analyse the open economy model in post Keynesian era	K1, K4, K5
CO5	To explain and apply the role of stabilization policies such as fiscal and monetary policy on the economy and to analyze, elaborate and to know the importance government policies and tax frame work	K2, K3, K4, K5, K6

K1 – Knowledge, K2 - Understand, K3 – Apply, K4 – Analyse, K5 – Evaluate, K6 – Create.

CO-PO Mapping (Course Articulation Matrix)

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	3	2	2	3
CO2	2	3	2	3	3
CO3	2	3	3	3	3
CO4	3	3	3	2	3
CO5	3	3	3	3	3
Weightage	12	15	13	13	15
Weighted percentage of Course Contribution to POs	2.4	3	2.6	2.6	3

Level of Correlation between PSO's and CO's

(Suggested by UGC as per Six Sigma Tool – Cause and Effect Matrix)

Assign the value **1 – Low 2 – Medium 3 – High 0 – No Correlation**

Semester	III	Core - VIII	Hrs	Credit
Course Code	23PEC8	PUBLIC ECONOMICS	6	5
Course Objectives		1. To understand the economics of government expenditure and taxation. 2. To discuss the implications of policy for efficiency and equity.	Syllabus Version	2023-24

Unit I: Introduction

Introduction Role of Public Finance - Major Fiscal Functions - Private and Public Goods - Mixed Goods - Merit Goods - Social Goods - Market Failure of Public Goods and Externalities.

Unit II: Theories Of Public Expenditure

Public Expenditure Theories of Public Expenditure - Musgrave - Wagner - Peacock Wiseman - Growth of Public Expenditure - Control Measures of Public Expenditure.

Unit III: Taxation

Taxation and Public Debt Direct And Indirect Taxation - Cannons and Principles of Taxation - Theory of Optimal Taxation - Modern Theory of Incidence - Classification and Sources of Public Debt - Burden of Public Debt - Principles of Public Debt - Methods of Repayment of Public Debt -Compensatory Aspects of Public Debt Policy.

Unit IV: Fiscal Policy

Fiscal Policy and Fiscal Federalism - Objectives and Instruments of Fiscal Policy - Compensatory Fiscal Policy - Fiscal Policy For Economic Stability and Growth - Effectiveness of Fiscal Policy - Fiscal Federalism - Role of Finance Commission - Principles - Recommendations of 15th Finance Commission.

Unit V: Financial Administration

Indian Public Finance - Financial Autonomy in India - Tax Reform Proposals of Kelkar Committee Tax Structure and Working of Fiscal Federalism in India - Transfer of Resources from Union and States to Local Bodies - VAT - Merits and Demerits - GST Design, Implementation and Impact - Fiscal Consolidation in India Since 2001-2002 - Fiscal Responsibilities of Central and State - FRBM Act 2003 - Central and State Government Budgets - Issues of Fiscal Deficit - Fiscal Policy and Economic Downturn: Fiscal Correction Vs Additional Stimulus.

Text Books:

1. Tyagi B.P., Public Finance, Jai Prakash Nath & Company, 2014
2. AmerashBagchi (2005), Readings in Public Finance, Oxford University Press, New Delhi.

References:

1. AmerashBagchi (2005), Readings in Public Finance, Oxford University Press, New Delhi.

2. Rao, M. Govida and Nirvikar Singh, (2005), The Political Economy of Federalism in India, Oxford University Press, New Delhi.
3. Government of India, Economic Survey (Annual issues). Ministry of Finance, New Delhi. Tamilnadu State Council for Higher Education 15.

Web Resources:

1. <https://www.india.gov.in/my-government/documents/policy>
2. <http://www.niti.gov.in>
3. <https://www.indiabudget.gov.in/>

Course Outcomes (Cos):

Upon Completion of this course, the students will be able

No.	Course Outcomes	K-Levels
CO1	To label and interpret the basic theories of public finance.	K1, K2,
CO2	To explain, identify and analyse the public expenditure.	K2, K3,
CO3	To recall, outline and determine about taxes	K1, K2, K5,
CO4	To organize, examine and evaluate about fiscal policy.	K3, K4,
CO5	To summarize, develop and explain about Indian public finance.	K2, K3, K5,

K1 – Knowledge, K2 - Understand, K3 – Apply, K4 – Analyse, K5 – Evaluate, K6 – Create.

CO-PO Mapping (Course Articulation Matrix)

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3
Weightage	15	15	15	15	15
Weighted percentage of Course Contribution to POs	3.0	3.0	3.0	3.0	3.0

Level of Correlation between PSO's and CO's

(Suggested by UGC as per Six Sigma Tool – Cause and Effect Matrix)

Assign the value **1 – Low 2 – Medium 3 – High 0 – No Correlation**

Semester	III	Core - IX	Hrs	Credit
Course Code	23PEC9	RESEARCH METHODOLOGY	6	5
Course Objectives		1. This course describes the ethical issues in social science research and the present position of economic research. It covers data collection methods and different types of research design. It also discusses about qualities of a good research report 2. To Develop and equip quality research culture among students.	Syllabus Version	2023-24

Unit I: Research in Economics

Research Methods in Economics - Nature of Social Science Research - Research Methods in Social Science - Formulating the Problem - Types and Sources of Hypothesis - Characteristics of a Good Hypothesis - Components and Types of Research Design - Collection of Data - Sources and Methods - Presentation of Results - Format of a Report.

Unit II: Data Collection

Sampling: Census Vs Sampling - Need, Probability Sampling: Random, Systematic, Stratified, Multi-stage or Cluster Sampling, Non-Probability Sampling: Purposive, Judgment, Quota and Snowball Sampling - Data Collection; Primary and Secondary Data; Methods of Data Collection - Tools of Data Collection; Schedule and Questionnaire.

Unit III: Research Design

Data Processing and Presentation Processing: Editing, Coding and Tabulation; Use of Computers in Social Science Research - Diagrammatic and Graphic Representation of Data - Interpretation of Results and Report Writing - Preparation of Project Proposals.

Unit IV: Data Analysis - I

Random and Non-Random Sampling Techniques - Estimation - Point and Interval Estimation - Statistics and Parameter - Standard Error - Confidence Interval - Null and Alternative Hypothesis - Type I Error and Type II Error, Level of Significance - Critical region - Steps in Testing of Hypothesis.

Unit V: Data Analysis - II

Large and Small Sample Tests - Properties and Uses of Normal Distribution - Z-Test of Significance of Proportions, - 't' Test for sample mean and Equality of mean - Paired 't' Test - Chi-Square Test for Association of Attributes.

Text Books:

1. C.R. Kothari (2002), Research Methodology Vikas publishing House, New Delhi.
2. Goode W. J and Hatt(1952), Methods in Social Research, Mcgraw Hill Book Co, Tokyo.

Reference:

1. Young, Pauline V., Scientific Social Surveys and Research, 4th Edition, Prentice Hall of India, 1977
2. Bryman, Alan, Social research methods, 4th Edition, Oxford University Press, 2008
3. Patton, M.Q., Qualitative Research and Evaluation Methods, 3rd Edition Sage Publications, 2002

Web Resources

1. www.socialresearchmethods.net
2. www.ualberta.ca
3. <http://finmin.nic.in>

Course Outcomes (Cos):

Upon Completion of this course, the students will be able

No.	Course Outcomes	K-Levels
CO1	To understand what are all the basic concepts in Research and explain means of data collection	K1, K2
CO2	Explain and distinguish various sources of primary and secondary data and to apply it in data collection	K2, K3, K4
CO3	Demonstrate, construct, and explain the functions of presenting data in different methods	K2, K4, K5, K6
CO4	To develop the statistical inference and to explain the errors that can happen during data analysis	K3, K4, K5, K6
CO5	To illustrate, identify, evaluate and create new models and evaluate the data	K2, K3, K4, K5, K6

K1 – Knowledge, K2 - Understand, K3 – Apply, K4 – Analyse, K5 – Evaluate, K6 – Create.

CO-PO Mapping (Course Articulation Matrix)

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	3	3	2	3
CO2	2	3	2	3	3
CO3	2	3	3	3	3
CO4	3	3	3	2	2
CO5	3	3	3	3	3
Weightage	12	15	14	13	14
Weighted percentage of Course Contribution to POs	2.4	3	2.8	2.6	2.8

Level of Correlation between PSO's and CO's

(Suggested by UGC as per Six Sigma Tool – Cause and Effect Matrix)

Assign the value **1 – Low 2 – Medium 3 – High 0 – No Correlation**

Semester	III	Core - X	Hrs	Credit
Course Code	23PEC10	INTERNATIONAL ECONOMICS	6	4
Course Objectives		1. To make the students to understand theories of International Trade. 2. To understand the concept of balance of payments and equilibrium in BOP and to know the functioning of international institutions and its role.	Syllabus Version	2023-24

Unit I: Theories of Trade: Internal and International Trade - Absolute Cost Advantage and Comparative Cost Advantage - Heckscher-Ohlin Theory - Leontief Paradox - Samuelson Theory - Intra-Industry Trade Theory - Kravis Theory of Availability - Lindar's Theory - Vernon's Product Cycle Theory - Kenen's Human Capital Theory.

Unit II: Trade Policy: Free Trade Vs Protection - Tariffs: Meaning - Types - Effects of Tariff - Quotas: Meaning - Types - Effects of Import Quotas. Dumping: Essential Conditions - Effects of Dumping on Importing and Exporting Countries - Anti-Dumping Measures.

Unit III: Balance of Payment

Balance of Payments: Meaning - Components - Causes of Disequilibrium - The 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 Exchange

Meaning - Types - Structure - Function - Foreign Exchange Market: Spot and Forward Exchange Markets - Exchange Rate Policy - Foreign Exchange Risk - Sources of Foreign Exchange Risk - Types of Exchange Rate Risk - Measurement of Exchange Rate Risk - Value-At-Risk (VAR) Model - Methods of Managing Foreign Exchange Risk.

Unit V: Foreign Aid

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 and Limitations of MNCs - MNCs and International Trade.

Text Books:

1. D.N. Dwivedi (2013) International Economics: Theory And Policy. Vikas Publishing House ,New Delhi
2. M.L.Jhingan (2016) International Economics, Vrindha Publications ,New Delhi

References:

1. Francis Cherunillam (2004), International Economics (Tata McGraw Hill, New Delhi).
2. Paul Krugman and Maurice (2013), International Economics: Theory and Policy Obstfeld (New Delhi: Pearson).
3. J.N. Bhagwati (2003), Free Trade Today (Oxford University Press, New Delhi). State Integrated Board of Studies – Economics PG 20.

Web References:

1. <https://www.worldbank.org/en/country/eu>
2. <https://www.imf.org/en/Data>
3. <https://www.economagic.com/>

Course Outcomes (COs):

Upon Completion of this course, the students will be able to

No.	Course Outcomes	K-Levels
CO1	Understand Theories of International trade	K ₁ , K ₂ , K ₃
CO2	Learn the Recent Theories in International trade	K ₁ , K ₂ , K ₃
CO3	Ability to know the concept of Balance of Payments Policies	K ₁ , K ₂ , K ₃ , K ₄
CO4	Assess the working of MNCs, Foreign Aid	K ₁ , K ₂ , K ₃
CO5	Understand the working of Foreign Exchange	K ₁ , K ₂ , K ₃ ,

K₁ – Knowledge, K₂ – Understand, K₃ – Apply, K₄ – Analyse, K₅ – Evaluate, K₆ – Create.

CO-PO Mapping (Course Articulation Matrix)

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	2	3
CO2	3	3	3	2	3
CO3	3	3	3	2	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3
Weightage	15	15	15	12	15
Weighted percentage of Course Contribution to POs	3	3	3	2.4	3

Level of Correlation between PSO's and CO's

(Suggested by UGC as per Six Sigma Tool – Cause and Effect Matrix)

Assign the value **1 – Low 2 – Medium 3 – High 0 – No Correlation**

Semester	III	Elective - V	Hrs	Credit
Course Code	23PECE5A	ECONOMICS IN EVERYDAY LIFE	3	3
Course Objectives		1. To ensure the economic view of society and to familiarize the most basic concepts of economics 2. To help the students to reason and apply economic concept in everyday life.	Syllabus Version	2023-24

Unit 1: Thinking About Prices

What is Price? - How are Prices Determined? - The Concept of Willingness to Pay - Understanding Inflation: Meaning of Inflation and How It Is Measured in India - Inflation Rate and the Prices You Pay in Shops: Why they Diverge - Application: Why Prices are Higher in Some Locations than others Although The Production and Selling Costs are Identical.

Unit 2: Economics Of Social Customs

Economics of Rising Age of Marriage and Declining Family Size - Economics of Divorce - How Economic Globalization is Changing The Indian Family - Economics of Gift-Giving: Why Value of Gift in Kind is Higher Compared to Gift In Cash - Application: Reasoning About Economic inequality between Men and Women.

Unit 3: Economics Of Social Evils

Discrimination: Why Discrimination Can Be Rational And The Economic Harm It Causes - Pollution: The Economic Roots Of The Pollution Problem - Economics Of The Leisure - Addiction: Economic Case Or Legalizing Drugs As Solution To Addiction - Corruption-An Economists Perspective - Application: Why Prohibition Does More Harm Than Good: An Economic Perspective.

Unit 4: Economics Of Arts, Sports, And Science

Understanding The Declining Demand For Performing Arts From Economic Perspective- Economics Of Sports: Role Of Economic Competition In Sporting Activity - Economics And Science: Science Perspective Of Economics - What Motivates Scientific Research? - Application: How Economic Globalization And Commercialization Enrich Indian Music.

Unit 5: National Issues

The Union Budget And You - Taxes, Subsidies And Fiscal Deficit - How The Stock Market Works - Bulls And Bears - Gig Economy - The Global Economic Crisis: Its Origin And Impact On India - Application: Living Through An Economic Downturn.

Text Books:

1. Robert J. Stonebraker (2005), The Joy of Economics: Making Sense of Life, Winthrop University
2. Tim Harford (2000), The Logic of Life: Discovering the New Economics of Everything, (London: Little).
3. Paul Hayne (1998), Economic Way of Thinking, Prentice Hall.

References:

1. Penson, T. H (2011), The Economics of Everyday Life: A First Book of Economic Study, Nabu Press Cambridge University Press
2. David D. Friedman (1997), Hidden Order: The Economics of Everyday Life, Harper Business
3. David George Surdam (2015), Century of the Leisured Masses: Entertainment and the Transformation of Twentieth-Century America, Oxford University Press

Web Resources

1. <https://www.economicshelp.org/blog/5628/economics/applying-economics-in-everyday-life/>
2. <https://www.sociologygroup.com/economics-in-everyday-life/>
3. <http://acdc2007.free.fr/woodcock2020.pdf>

Course Outcomes (Cos):

Upon Completion of this course, the students will be able to

No.	Course Outcomes	K-Levels
CO1	To know what is price and to explain and identify its mechanism in economics function	K1, K2, K3
CO2	To define, illustrate and evaluate the value of economics in social customs of the society	K1, K2, K5
CO3	To find and examine the evils happening in the economy and to identify and measures to overcome those evils	K1, K3, K4, K5
CO4	To illustrate, analyse the importance of various dimensions of economics in the society	K2, K4, K5
CO5	Analyse, measure and to discuss the role of economics in the effective functioning of the country	K4, K5, K6

K1 – Knowledge, K2 - Understand, K3 – Apply, K4 – Analyse, K5 – Evaluate, K6 – Create.

CO-PO Mapping (Course Articulation Matrix)

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	2	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	2	3	3
CO5	3	3	3	2	2
Weightage	14	15	13	14	13
Weighted percentage of Course Contribution to POs	2.8	3	2.8	2.8	2.8

Level of Correlation between PSO's and CO's

(Suggested by UGC as per Six Sigma Tool – Cause and Effect Matrix)

Assign the value **1 – Low 2 – Medium 3 – High 0 – No Correlation**

Semester	III	Elective - V	Hrs	Credit
Course Code	23PECE5B	ENTREPRENEURIAL DEVELOPMENT	3	3
Course Objectives		1. To understand the concept of Entrepreneurship 2. To understand the responsibilities and process of an entrepreneur	Syllabus Version	2023-24

Unit I: Introduction

Concepts of Entrepreneur - Characters of an Entrepreneur - Distinction between Entrepreneur & Manager - Function and Types of Entrepreneur - Women Entrepreneur - Schemes for Rural and Women Entrepreneurs - Problems faced by Rural and Women Entrepreneurs - Concept of Entrepreneurial ship - Role in Economic Development.

Unit II: Theories of Entrepreneurship

Innovation Theory - Need for Achievement Theory - Status Withdrawal Theory - Theory of Social Change - Theory of Social Behaviour - Theory of Leadership - Theory of Model Personality - Theory of Systematic Innovation - Creation Theory - Psychological Theory - Sociological Theory - Economic Theory - Cultural Theory.

Unit III: Project Selection, Formulation and Report

Project Identification: Sources of Project Ideas - Steps in Project Identification - Project Formation: Stages in Project Formation. Project Report: Contents of a Project Report - Planning Commission Guidelines.

Unit IV: Project Appraisal

Project Appraisal Meaning - Objectives - Methods of Appraisal: Market Appraisal - Technical Appraisal - Financial Appraisal - Socio-Economic Appraisal - Managerial Appraisal - Need for Financial Planning - Source of Finance - Capital Structure - Capitalisation - Venture Capital - Export Finance.

Unit V: Institutional Finance

Institutional Finance to Entrepreneurs - Commercial Bank - Industrial Development of India (IDBI), Industrial Finance Corporation of India (IFCI), Industrial Credit & Investment Corporation of India (ICICI) - State Financial Corporation's (SFCs), State Industrial Development Corporation (SIDCO) - National Small Industries Corporation Ltd.(NSIC) - Small Industrial Promotional Corporation of Tamil Nadu (SIPCOT) - State Small Industries Development Corporations (SSICS) - District Industries Centre (DICs).

Text Books:

1. Dr.S.S.Khanka (2011), Entrepreneurial Development, S. Chand & Company Ltd, Ram Nagar New Delhi. State Integrated Board of Studies – Economics PG 58.
2. Poornima M. Charantimath, (2007), Entrepreneurship Development and Small Business Enterprises, Pearson Education, New Delhi.

Reference Books:

1. Vasant Desai, (2008), Dynamics of Entrepreneurial Development and Management, Himalaya Publishing House, New Delhi.
2. Robert D. Hisrich, Michael P. Peters and Dean A. Shepherd, (2007) Entrepreneurship, Tata McGraw Hill, New Delhi.
3. Khanka, S.S. (2007), Entrepreneurial Development, S. Chand & Company, New Delhi.

Web Resources:

1. <https://www.startupindia.gov.in/content/sih/en/reources/l-d-listing.html>
2. <https://elearningindustry.com/entrepreneurship-and-elearning-top-5-elearning-options-newbie-entrepreneurs>

Course Outcomes (COs):

Upon Completion of this course, the students will be able to

S.No	Course Outcomes	K-Levels
CO1	Understand the concept of Entrepreneurship	K ₁ , K ₂ , K ₄
CO2	Ability to learn the factors involved in business	K ₁ , K ₂ , K ₄
CO3	Identify the process involved in the project	K ₁ , K ₂ , K ₃ K ₄
CO4	Assess the methods of Project Appraisal	K ₁ , K ₂ , K ₃ K ₄ K ₅
CO5	Acquire the knowledge about source of Finance	K ₁ , K ₂ , K ₃ , K ₄

K₁ – Knowledge, K₂ - Understand, K₃ – Apply, K₄ – Analyse, K₅ – Evaluate, K₆ – Create.

CO-PO Mapping (Course Articulation Matrix)

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	2	3	3
CO2	3	3	2	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	2	3	3
Weightage	15	15	12	15	15
Weighted percentage of Course Contribution to POs	3	3	2.4	3	3

Level of Correlation between PSO's and CO's

(Suggested by UGC as per Six Sigma Tool – Cause and Effect Matrix)

Assign the value **1 – Low 2 – Medium 3 – High 0 – No Correlation**

Semester	III	Professional Competency Skill Enhancement Course - II	Hrs	Credit
Course Code	23PECSE2	ECONOMICS FOR IES /NET /SET	3	2
Course Objectives	1. To assist the students to understand the basic economic concepts related to competitive examinations.		Syllabus Version	2023-24

Unit I: Micro and Macro Economics: Theory of Demand - Demand Functions - Consumer Behaviour - Theory of Production - Collusive and Non-Collusive Oligopolies - Keynesian and Post-Keynesian Approaches to Theory of Output and Employment; Concept of Investment Multiplier; Theories of Investment and Accelerator - Theories of Demand for Money - Different Approaches to Money Supply - Components and Determinants - Money Multiplier - Output - Price Determination (Aggregate Supply and Aggregate Demand Curve Analysis).

Unit II: Development and Public Finance: Models of Growth of Joan Robinson and Kaldor Technical Progress - Hicks - Harrod - Production Function Approach to the Determinants of Growth. Theories of Development - Classical - Marx - Schumpeter and Structural Analysis of Development - Lewis Model of Development - Ranis-Fei Model - Dependency Theory of Development.

Theories of Taxation - Types - Incidence and Effects - Theories of Public Expenditure - Effects on Savings - Investment and Growth Burden of Public Debt - Union Finance - Trends in Revenue and Expenditure of the Government of India - State Finance - Trends in Revenue and Expenditure of the State Governments - Public Debt - India's Public Debt Since 1951 - Growth Composition - Union-State Financial Relations - Horizontal and Vertical Imbalances; the Finance Commissions - Fiscal Policy and Fiscal Reforms in India.

Unit III: Monetary Economics: Monetary Approach and Adjustment in the Balance of Payments - Multilateralism and World Trading System - The Political Economy of Imposition of Non-tariff Barriers - International Trade Under Conditions of Imperfect Competition in Goods Market - Theory of International Reserves - Theory and Impact in the Developed and Developing Countries - WTO and its Impact on the Different Sectors of the Economy.

Components of Money Supply - Role - Constituents and Functions of Money and Capital Markets - RBI - Recent Monetary and Credit Policies - Commercial Banks and Cooperative Banks - Specialized Financial and Investment Institutions - Non-Bank Financial Institutions and Regional Rural Banks.

Unit IV: Indian Economy: Industrial Structure and Economic Growth - Pattern of Industrialization - Public and Private; Large and Small Industries - Theories of Industrial location - Industrial Productivity - Measurement - Partial and Total Trends - Industrial Finance in India - Industrial Labour - Problems - Policies and Reforms in India - Economic Reforms and Industrial Growth.

Population and Economic Development - Interrelation between Population - Development and Environment - Sustainable Development - Malthusian Theory of Population - Optimum Theory

of Population - Theory of Demographic Transition - Concepts of Demography - Poverty in India - Absolute and Relative - Analysis of Poverty in India - Environment as Necessity - Amenity and Public Goods - Causes of Environmental and Ecosystem Degeneration - Policies for Controlling Pollution - Role of State in Environmental Preservation - Review of Environmental Legislation in India.

Role of Agriculture in Indian Economy - Interrelationship between Agriculture and Industry - Institutional Aspects - Land Reforms - Green Revolution - Technological Aspects - Agricultural Inputs and Shifts in Production Function - Capital Formation in the Rural Sector - Savings, Assets and Credits - Strategies for Rural Development - Regional Disparities in Indian Agriculture - Co-operative Movement in India - Organization - Structure and Development of Different Types of Co-operatives in India.

Unit V: Quantitative Economics: Application of Differential and Integral Calculus in Theories of Consumer Behaviour - Production and Pricing under Different Market Conditions - Input-output Analysis and Linear Programming - Application of Correlation and Regression - Testing of Hypothesis in Regression Analysis.

Book for Reference:

- | | | |
|---|---|--|
| 1. Objectives Economics for
Competitive Examinations | - | Maria John Kennedy,
Himalaya Publishing House, Mumbai |
| 2. Advanced Micro Economic Theory | - | Maria John Kennedy,
Himalaya Publishing House, Mumbai |
| 3. Economics of Development
& Planning | - | Jhingan, M.L., Konark Publication,
New Delhi |
| 4. Public Finance | - | Tyagi, B.P., Jai Prakash Nath & Co, Meerut |
| 5. Indian Economy | - | Misra & Puri, Himalaya Publishing House,
Mumbai |
| 6. Statistical Methods | - | Gupta, S.P. Sultan Chand & Sons,
New Delhi |
| 7. Money, Banking & International
Trade | - | Jhingan, M.L., Virinda Publication,
New Delhi |

Course Outcomes (COs):

Upon Completion of this course, the students will be able to

S.No	Course Outcomes	K-Levels
CO1	Familiar with the concepts of micro and macro economics.	K ₁ , K ₂ , K ₄
CO2	Knowledge on economic models and public finance.	K ₁ , K ₂ , K ₄
CO3	Exposure to the concepts of monetary economics	K ₁ , K ₂ , K ₃ K ₄
CO4	Understand the features of Indian economy	K ₁ , K ₂ , K ₃ K ₄ K ₅
CO5	Gain knowledge on quantitative economics.	K ₁ , K ₂ , K ₃ , K ₄

K₁ – Knowledge, K₂ - Understand, K₃ – Apply, K₄ – Analyse, K₅ – Evaluate, K₆ – Create.

CO-PO Mapping (Course Articulation Matrix)

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	2	3	3
CO2	3	3	2	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	2	3	3
Weightage	15	15	12	15	15
Weighted percentage of Course Contribution to POs	3	3	2.4	3	3

Level of Correlation between PSO's and CO's

(Suggested by UGC as per Six Sigma Tool – Cause and Effect Matrix)

Assign the value **1 – Low 2 – Medium 3 – High 0 – No Correlation**

Level of correlation: 9 – High; 3 – Medium; 1 – Low; and 0- no correlation.

Semester	IV	Core - XI	Hrs	Credit
Course Code	23PEC11	DEVELOPMENT ECONOMICS	6	5
Course Objectives		1. Tracing the evolution of theories of economic development. 2. To impart ideas on economic development and economic growth and its determinants and to familiarize the students about the index of measuring economic development.	Syllabus Version	2023-24

Unit I: Conceptualizing Development

Conceptualizing Development: Meaning - GNP as Development Indicator - Characteristics of Developing Economies - Factors of Economic Development - Human Development Index.

Unit II: Theories of Development and Growth

Development Theories: Rostow's Stages of Growth Theory - The "Big Push" Theory - Balanced Growth - Dualistic Theories. Growth Theories: Harrod-Domar Model - Solow Model - Joan Robinson's Model - Mahalanobies Model.

Unit III: Poverty, Inequality and Human Capital Measurement

Measurement of Inequality and Poverty - Inverted - U hypothesis - Cause of Inequality. Human Capital Formation: Meaning - Importance - Problems. Health System in Development: Health and Productivity - Financing Health System in Developing Economics - Gender Perspective in Health Care.

Unit IV: Agriculture and Industry

Agriculture and Economic Development - Sources of Rural Credit - Agricultural Policy - Rural Urban Migration; role of Industrialization - Inter-relationship between Agriculture and Industrial Development.

Unit V: Choice and Transfer of Technology: Choice of Techniques: Labour Intensive Techniques - Capital Intensive Techniques. Transfer of Technology: Need for Transfer of Technology - Channels for technology Transfer- Problems in Technology Transfers - Appropriate Package of Technology Transfers.

Text Books:

1. Jhingan M.L. Jhingan B K.,2019 The Economics of Development and Planning., 42 Ed., Vrinda Publications
2. Agrawal, A.N., Indian Economy: Problems of Development and Planning

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. Tamilnadu State Council for Higher Education 17.
3. Debraj Ray (2009), Development Economics, Oxford University Press, New Delhi.

Web Resources

1. [https://economicsconcepts.com/human_development_index_\(hdi\).htm](https://economicsconcepts.com/human_development_index_(hdi).htm)
2. <https://hdr.undp.org/data-center/human-development-index#/indicies/HDI>
3. <https://web.stanford.edu/~chadj/facts.pdf>

Course Outcomes (Cos):

Upon Completion of this course, the students will be able to

No.	Course Outcomes	K-Levels
CO1	Understand the concepts of Development	K ₁ , K ₂ , K ₃
CO2	Acquire knowledge about the theories of economic development	K ₁ , K ₂ , K ₃
CO3	Ability to understand the concepts related to Poverty , Inequality, Health and Education	K ₁ , K ₂ , K ₃
CO4	Gain knowledge about the insights of Rural Development	K ₁ , K ₂ , K ₃ , K ₄ , K ₅
CO5	Acquire knowledge about planning techniques	K ₁ , K ₂ , K ₃ , K ₄ , K ₅

K₁ – Knowledge, K₂ - Understand, K₃ – Apply, K₄ – Analyse, K₅ – Evaluate, K₆ – Create.

CO-PO Mapping (Course Articulation Matrix)

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	2	3
CO2	3	3	3	2	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	2	3
Weightage	15	15	15	12	15
Weighted percentage of Course Contribution to POs	3	3	3	2.4	3

Level of Correlation between PSO's and CO's

(Suggested by UGC as per Six Sigma Tool – Cause and Effect Matrix)

Assign the value **1 – Low 2 – Medium 3 – High 0 – No Correlation**

Level of correlation: 9 – High; 3 – Medium; 1 – Low; and 0- no correlation.

Semester	IV	Core - XII	Hrs	Credit
Course Code	23PEC12	ECONOMETRIC METHODS	6	5
Course Objectives		1. To provide an understanding on the knowledge of Econometrics and its use for Economists and social scientists, how economic theories are used to test empirical data. 2. To provide in depth knowledge on the Econometric models and to examine the meaning and applicability of dummy variables and to recall the basic methods of time series data.	Syllabus Version	2023-24

Unit I: Basic Regression

Nature and Scope of Econometrics - Simple Regression Model: Functional Forms of Regression Model - OLS Method, Hypothesis Testing and Goodness of Fit - Scaling and Units of Measurement - Maximum Likelihood Estimation.

Unit II: Dummy Variable

Meaning and Uses of Dummy Variables - Seasonal Analysis - Dummy Independent and Dependent Variables - Probit, Logit and Tobit Models.

Unit III: Dynamic Econometric Model

Autoregressive Model and Distributed Lag Model - Estimation of Autoregressive Model - Estimation of Distributed Lag Models - Koyck Approach to Distributed Lag Models - Adaptive Expectation Model - Partial Adjustment Model - Almon Approach to Distributed Lag Models.

Unit IV: Simultaneous Equation Model

Structural Model - Reduced Form Model - Recursive Model - Simultaneous Equation Bias - Identification Problem - Rules for Identification - Test of Simultaneity - Test of Exogeneity.

Unit V: Time Series Econometrics

Stochastic Process - Stationary and Non Stationary Stochastic Process - Unit Root Stochastic Process - Trend Stationary and Difference Stationary Stochastic Process - Integrated Stochastic Process - Properties - Unit Root Tests - Cointegration Model.

Text Books:

1. Damodar N. Gujarati & Sangeetha (2019) Basic Econometrics Tata McGraw-Hill Publishing Company Limited New Delhi
2. K. Dhanasekaran (2012) Econometrics, Vrinda Publications.

References:

1. Gujarathi, D.N. (2005), Text Book of Econometrics [McGraw-Hill, New Delhi].
2. Kalirajan, K.P. (1995), Applied Econometrics [Oxford and IBH, New Delhi].
3. Suresh, J. Ghosh (1994), Econometric Theory and Applications [Prentice Hall of India, New Delhi],

Web Resources:

1. <https://learneconometricsfast.com>.
2. <https://inomics.com>.
3. <https://economicsnetwork.ac.uk>.

COURSE OUTCOMES:

Upon Completion of this course, the students will be able to

No.	Course Outcomes	K-Levels
CO1	Examine the meaning and applicability of dummy variables	K1, K2, K4
CO2	Estimate the Auto Regressive model and the role of lags in dynamic econometric models	K4, K5
CO3	Identify the problems of ignoring OLS assumptions	K3, K4
CO4	Gain in-depth knowledge in Simultaneous equation models	K2, K4
CO5	Analyze the stochastic process and cointegration model	K3, K5

K₁ – Knowledge, K₂ - Understand, K₃ – Apply, K₄ – Analyse, K₅ – Evaluate, K₆ – Create.

CO-PO Mapping (Course Articulation Matrix)

CO/PSO	PSO 1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	2
CO2	3	2	3	3	3
CO3	3	3	3	3	3
CO4	3	2	3	3	3
CO5	3	3	3	2	3
AVERAGE	15	13	15	14	14
Weighted percentage of Course Contribution to POs	3.0	2.6	3.0	2.8	2.8

Level of Correlation between PSO's and CO's

(Suggested by UGC as per Six Sigma Tool – Cause and Effect Matrix)

Assign the value **1 – Low 2 – Medium 3 – High 0 – No Correlation**

Level of correlation: 9 – High; 3 – Medium; 1 – Low; and 0- no correlation.

Semester	IV	Elective - VI	Hrs	Credit
Course Code	23PECE6A	ECONOMICS OF SOCIAL ISSUES	4	3
Course Objectives	1. To understand the insights to the economic theory in the design and implementation of public policy related to the social sectors. 2. This course finds roots in social economics, health, education and the problem of discriminations in the society.		Syllabus Version	2023-24

Unit I: Social Economics

Definition - Importance - Features to Determine Social Economic Status - Social Security Measures - Refugees, Slavery and Beggary - Principles of Social Doctrines, Marx, Ambedkar and Gandhi.

Unit II: Child Labour

Definition - Types - Child Labours in Different Sectors - Effects of Child Labours - Child Labour and Gender Inequality - Elimination and Planning Child Labour.

Unit III: Economics of Education

Education as an Instrument of Economic Growth - Concept of Human Capital - Components of Human Capital - Private and Social Demand for Education - Educational Planning and Economic Growth - Policy Issues in Economics of Education.

Unit IV: Social Discrimination

Sources of Social Discrimination - Gender, Class, Caste, Religion, Race and language - Monopoly power - Consumerism - Provision of Information - Economic Crimes and their Prevention - Violation of Human Rights - Terrorism: Causes and consequences - UNICEF - Constitutional Provisions against Discrimination.

Unit V: Human Development Index

Human Development Index Indicators - Life Expectancy, Per Capita Income and Education - HDI Reports, UNDP - Dimensions - Poverty - Inequality - Gender.

Text Books

1. SeetaPrabhu, K. Economic Reform and Social Sector Development, Sage Publications, New Delhi, 2012.
2. Dreze, Jean and Amartya Sen, Hunger and Public Action, Clarendon Press, London.1999

Reference Books

1. Baumol, W J, & Oates, W E, Theory of Economical Policy, Cambridge University Press, 2000.
2. Culyer, A.J., The Economics of Social Policy, Martin Robertson and Co. Ltd., London. 1993.
3. Douglass C. North and Roger Leroy Miller, The Economics of Public Issues, Harper & Row Press, New York. 2001.

Web Resources

1. <https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwjI4KeSh>
2. <https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwjI4KeSh->
3. <https://link.springer.com/content/pdf/bfm:978-1-349-15632-0/1.pdf>

Course Outcomes (Cos):

Upon Completion of this course, the students will be able to

CO Code	Course Outcomes	K-Levels
CO1	To define social economics and illustrate the role of the government in creating equality in human societies.	K1, K2
CO2	To explain and elaborate the concept of welfare economics with specific reference to healthcare.	K2, K6
CO3	To illustrate and discuss the importance of education in creating human capital; private and social demand for education.	K2, K6
CO4	To recall, classify and compare the various sources of social discrimination, causes and consequences of the same.	K1, K2
CO5	To examine, estimate and illustrate the several components of human development index and the importance of these indices on development of the social sector.	K4, K6

K₁ – Knowledge, K₂ - Understand, K₃ – Apply, K₄ – Analyse, K₅ – Evaluate, K₆ – Create.

CO-PO Mapping (Course Articulation Matrix)

CO / PO	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO1	3	3	3	3	3	3
CO2	3	3	3	3	3	3
CO3	3	3	3	3	3	3
CO4	3	3	3	3	3	2
CO5	3	3	3	3	3	3
Weightage	15	15	15	15	15	15
Weighted percentage of Course Contribution to POs	3.0	3.0	3.0	3.0	3.0	3.0

Level of Correlation between PSO's and CO's

(Suggested by UGC as per Six Sigma Tool – Cause and Effect Matrix)

Assign the value 1 – Low 2 – Medium 3 – High 0 – No Correlation

Level of correlation: 9 – High; 3 – Medium; 1 – Low; and 0- no correlation.

Semester	IV	Elective - VI	Hrs	Credit
Course Code	23PECE6B	HUMAN RESOURCE DEVELOPMENT	4	3
Course Objectives		1. To make the student understand acquire, develop, motivate, and utilize human resources to achieve organizational goals. 2. To enable students acquire knowledge on effective utilization of manpower and to maintain a harmonious employee-employer relationship among the work teams.	Syllabus Version	2023-24

Unit I: Introduction to Human Resource Management (HRM)

Evolution of HRM - Objectives and Function of HRM - Role and Responsibilities of HR Manager - Relevance of HRM - Systems approach to HRM.

Unit II: Recruitment and Selection

Human Resource Planning: Purpose and Process - Recruitment and Selection: Source of Recruitment, Stages in Selection Process - Placement, Goals Analysis: Job Description and Job Specification.

Unit III: Training and Development

Training and Development: Training Needs, Training Methods, Application of Computers in Training, Developing Effective Training Programmes - Concept of HRD - Management Development Programmes.

Unit IV: Performance Appraisal

Concept and Objectives of Performance Appraisal - Process of Performance Appraisal - Criteria for Performance Appraisal - Benefits of Performance Appraisal - Limitation and Constraints - 360 Degree Performance Appraisal - Promotion-Degree, Transfer Air Separation: Promotion, Purpose, Principles, and Types; Transfer: Reasons, Principles and Types; Separation: Lay-Off, Resignation, Dismissal, Retrenchment, Voluntary Retirement Scheme.

Unit V: Compensation Management

Compensation Management, Major Elements of Compensation Management - Incentives: Concepts, Types of Incentives; Incentives schemes in Indian Industries; Fringe Benefits - Discipline and Employees' Grievance Redressal - Emerging Trends in HRM.

Text Books:

1. Dessler, Gray, and Biju Varkkey, (2009) Human Resource Management, 11ed., Pearson Education, New Delhi.
2. Aswathappa K (2017), Human Resource Management: Text & Cases, 8th Edition, Tata McGraw-Hill Education

Reference Books

1. Rao, V.S.P (2010), Human Resource Management-Text & Cases, Excel Books, New Delhi.
2. David S. Decenzo and Stephen P. Robbins (2006), Personnel & Human Resource Management, 3rd edition, Prentice-Hall of India, New Delhi.
3. Dwivedi, R.S. (2000) A Textbook of Human Resource Management, Vikas Publications, New Delhi.

Web Resources:

1. <https://www.shrm.org/>
2. <https://workforce.com/>
3. <https://www.hrexaminer.com/>

Course Outcomes (Cos):

Upon Completion of this course, the students will be able to

No.	Course Outcomes	K-Levels
CO1	To understand the outline of HRM and concepts therein.	K1, K2, K4
CO2	To know the approaches in acquiring the human talents.	K2, K4, K5
CO3	To analyze the trends in training and developing the manpower acquired.	K1, K3, K4
CO4	To identify the methods to improve the performance.	K1, K2, K4
CO5	To gain insight to motivate and retain the employees.	K3, K2, K5

K₁ – Knowledge, K₂ - Understand, K₃ – Apply, K₄ – Analyse, K₅ – Evaluate, K₆ – Create.

CO-PO Mapping (Course Articulation Matrix)

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO1	3	3	3	2	3	3
CO2	3	3	3	2	3	3
CO3	3	3	3	2	3	3
CO4	2	3	2	3	3	3
CO5	2	3	2	3	2	3
Weightage	13	15	13	12	14	15
Weighted percentage of Course Contribution to POs	2.6	3.0	2.6	2.4	2.8	3.0

Level of Correlation between PSO's and CO's

(Suggested by UGC as per Six Sigma Tool – Cause and Effect Matrix)

Assign the value **1 – Low 2 – Medium 3 – High 0 – No Correlation**

Level of correlation: 9 – High; 3 – Medium; 1 – Low; and 0- no correlation.

Semester	IV	Skill Enhancement Course - III	Hrs	Credit
Course Code	23PECSE3	PERSONALITY DEVELOPMENT	4	2
Course Objectives		1. To mark the students able and effective leadership and personality development 2. To learn the self-evaluation skill.	Syllabus Version	2023-24

Unit I: Concept of Personality

Personality - Definition and meaning, Importance, Leadership and Management, Leader Vs Manager, Essential qualities of an effective leader.

Unit II: Personality Characteristics

Personality: Concept and Definition - Determinants of personality - Personality traits - Personality characteristics in organizations.

Unit III: Self-evaluation

Self-Evaluation, Locus of Control - Self-Efficacy - Self-Esteem - Self-Monitoring: Positive and Negative Impact. Organizational Context of Leadership and Personality - Contemporary Business Leaders.

Unit IV: Qualities of Personality Development

Body Language - Problem Solving - Conflict and Stress Management - Decision-Making Skills - Character Building - Team-Work - Time Management - Work Ethics And Etiquette.

Unit V: Aspects of Employability

Resume Building - Interactive Session - Facing the Personal (HR & Technical) Interview - Self Introduction - Psychometric Analysis - Mock Interview Sessions.

Textbooks:

1. Parikh, M., & Gupta, R. K. (2010). *Organisational behaviour*. Tata McGraw Hill Education Pte. Limited.
2. Mullins, L. J., & McLean, J. E. (2019). *Organisational behaviour in the workplace*. Harlow: Pearson.

References:

1. Hofmann, D. A., & Jones, L. M. (2005). Leadership, collective personality, and performance. *Journal of Applied psychology*, 90(3), 509.
2. Aurther, J. (2006). *Personality development*. Lotus Press.
3. Roberts, B. W. (2006). Personality development and organizational behavior. *Research in organizational behavior*, 27, 1-40.

Web References

1. <https://hbr.org/2017/09/could-your-personality-derail-your-career>
2. <https://au.indeed.com/career-advice/resumes-cover-letters/personal-skills>

3. [https://socialsci.libretexts.org/Courses/College_of_the_Canyons/COMS_246%3A_Interpersonal_Communication_\(Leonard\)/2%3A_Communication_and_the_Self/2.1%3A_Self-Concept%2C_Self-Esteem_and_Self-Efficacy](https://socialsci.libretexts.org/Courses/College_of_the_Canyons/COMS_246%3A_Interpersonal_Communication_(Leonard)/2%3A_Communication_and_the_Self/2.1%3A_Self-Concept%2C_Self-Esteem_and_Self-Efficacy)

Course Outcomes (Cos):

Upon Completion of this course, the Students will be able to

No.	Course Outcomes	K-Levels
CO1	Understand the importance of personality development	K1, K2, K3
CO2	To evaluate the Characteristics of Personality	K3, K5
CO3	Examine and analyse the concept of Self-evaluation	K2, K4
CO4	Describes the concept of Qualities of Personality Development	K1, K2
CO5	Create the self-evaluation and Organizational Context of Leadership and Personality	K1, K4, K5

K1 – Knowledge, K2 - Understand, K3 – Apply, K4 – Analyse, K5 – Evaluate, K6 – Create.

CO-PO Mapping (Course Articulation Matrix)

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO1	2	3	3	3	2	3
CO2	3	3	3	3	2	3
CO3	3	2	3	2	2	3
CO4	3	2	2	2	3	3
CO5	3	2	2	2	3	3
Weightage	14	12	13	14	12	15
Weighted percentage of Course Contribution to Pos	2.8	2.4	2.6	2.8	2.4	3

Level of Correlation between PSO's and CO's

(Suggested by UGC as per Six Sigma Tool – Cause and Effect Matrix)

Assign the value **1 – Low 2 – Medium 3 – High 0 – No Correlation**

Level of correlation: 9 – High; 3 – Medium; 1 – Low; and 0- no correlation.