

FATIMA COLLEGE (AUTONOMOUS)



**Re-Accredited with “A++” Grade by NAAC (4th Cycle)
74th Rank in India Ranking 2020 (NIRF) by MHRD
Maryland, Madurai- 625 018, Tamil Nadu, India**

NAME OF THE DEPARTMENT: RESEARCH CENTRE OF ECONOMICS

NAME OF THE PROGRAMME: MA

PROGRAMME CODE : PAEC

ACADEMIC YEAR : 2023-2024

VISION OF THE DEPARTMENT

To inculcate economic concepts, theories, models and issues among the budding economists to convene the prospects of the industry and community.

MISSION OF THE DEPARTMENT

- To provide updated curriculum that promotes critical thinking skills and enhance the productive decision making abilities in students.
- To motivate the students to become entrepreneurs.
- To serve the humanity through the creation of all – rounded multi skilled and socially responsible citizens.

PROGRAMME EDUCATIONAL OBJECTIVES (PEO)

PEO 1	Our graduates will be academic, digital and information literates; creative, inquisitive, innovative and desirous for the “more” in all aspects
PEO 2	They will be efficient individual and team performers, exhibiting progress, flexibility, transparency, accountability in their professional work
PEO 3	The graduates will be effective managers of all sorts of real - life and professional circumstances, making ethical decisions, pursuing excellence within the time framework and demonstrating apt leadership skills
PEO 4	They will engage locally and globally evincing social and environmental stewardship demonstrating civic responsibilities and employing right skills at the right moment.

GRADUATE ATTRIBUTES (GA)

Fatima College empowers her women graduates holistically. A Fatimite achieves all-round empowerment by acquiring Social, Professional and Ethical competencies. A graduate would sustain and nurture the following attributes:

I. SOCIAL COMPETENCE	
GA 1	Deep disciplinary expertise with a wide range of academic and digital literacy
GA 2	Hone creativity, passion for innovation and aspire excellence
GA 3	Enthusiasm towards emancipation and empowerment of humanity
GA 4	Potentials of being independent
GA 5	Intellectual competence and inquisitiveness with problem solving abilities befitting the field of research
GA 6	Effectiveness in different forms of communications to be employed in personal and professional environments through varied platforms
GA 7	Communicative competence with civic, professional and cyber dignity and decorum
GA 8	Integrity respecting the diversity and pluralism in societies, cultures and religions
GA 9	All – inclusive skill - sets to interpret, analyse and solve social and environmental issues in diverse environments
GA 10	Self-awareness that would enable them to recognise their uniqueness through continuous self-assessment in order to face and make changes building their strengths and improving on their weaknesses
GA 11	Finesse to co-operate exhibiting team-spirit while working in groups to achieve goals
GA 12	Dexterity in self-management to control their selves in attaining the kind of life that they dream for

GA 13	Resilience to rise up instantly from their intimidating setbacks
GA 14	Virtuosity to use their personal and intellectual autonomy in being life-long learners
GA 15	Digital learning and research attributes
GA 16	Cyber security competence reflecting compassion, care and concern towards the marginalised
GA 17	Rectitude to use digital technology reflecting civic and social responsibilities in local, national and global scenario
II. PROFESSIONAL COMPETENCE	
GA 18	Optimism, flexibility and diligence that would make them professionally competent
GA 19	Prowess to be successful entrepreneurs and employees of trans-national societies
GA 20	Excellence in Local and Global Job Markets
GA 21	Effectiveness in Time Management
GA 22	Efficiency in taking up Initiatives
GA 23	Eagerness to deliver excellent service
GA 24	Managerial Skills to Identify, Commend and tap Potentials
III. ETHICAL COMPETENCE	
GA 25	Integrity and discipline in bringing stability leading a systematic life promoting good human behaviour to build better society
GA 26	Honesty in words and deeds
GA 27	Transparency revealing one's own character as well as self-esteem to lead a genuine and authentic life

GA 28	Social and Environmental Stewardship
GA 29	Readiness to make ethical decisions consistently from the galore of conflicting choices paying heed to their conscience
GA 30	Right life skills at the right moment

PROGRAMME OUTCOMES (PO)

On completion of M.A ECONOMICS / programme, the graduates would be able to

PO 1	Gain in-depth knowledge to understand, analyse and apply it to develop subject competency
PO 2	Criticize historical, cultural, social, political, and economic, literary concepts and perspectives that shape the world
PO 3	Enhance creative, critical, media, entrepreneurial and social skills consequently becoming socially responsible citizen
PO 4	Acquire research skills and pursue the higher studies and research
PO 5	Foresee the historical, socio- cultural, economic and literary changes and challenges
PO6	Synthesize ideas from various disciplines and enhance problem solving, analytical skills and apply them for their professional roles.
PO7	Identify and assess societal challenges women's issues in specific, in the local, regional, national, global levels and explore solutions

PROGRAMME SPECIFIC OUTCOMES (PSO)

The Learners will be able to

PSO 1	Understand economic theories and functioning of economic system and motivate them to appear for subject based competitive exams
PSO 2	Prepare the students for career advancement that provide employment through competitive exams.
PSO 3	Prepare the students to develop creative thinking regarding current local, national and international policy issues
PSO 4	Enhance economic, social and technical skills
PSO 5	Facilitate entrepreneurs to find self employment & to provide employment opportunities

ECONOMICS
SYLLABUS
FIRST YEAR - FIRST SEMESTER

Course Components	Name of the Course	I n s . H r s	C r e d i t s	C I A	E x t e r n a l	T o t a l
Core Paper-I	23PG1E1 - Advanced Micro Economics	6	5	40	60	100
Core Paper-II	23PG1E2 - Indian Economic Development and Policy	6	5	40	60	100
Core Paper-III	23PG1E3 - Statistics for Economists	6	4	40	60	100
Elective-I	23PG1EE1/ 23PG1EE2 Modern Economic Thought / Rural Economics	5	3	40	60	100
Elective-II	23PG1EE3 / 23PG1EE4 Regional Economics / Welfare Economics	5	3	40	60	100
AEC	23PG1EAE ABILITY ENHANCEMENT COURSE FINANCIAL ECONOMICS	2	1	40	60	100
Total		30	21			

FIRST YEAR -SECOND SEMESTER-

Course Components	Name of the Course	I n s H r s .	C r e d i t s	C I A	E x t e r n a l	T o t a l
Core Paper-IV	23PG2E4 - Monetary Economics	6	5	40	60	100
Core Paper-V	23PG2E5 - Labour Economics	6	5	40	60	100
Core Paper-VI	23PG2E6 - Mathematical Economics	6	4	40	60	100
Elective-III	23PG2EE5 - Gender Economics / 23PG2EE6 - Urban Economics	4	3	40	60	100
Elective-IV	23PG2EE7 - Resource Economics / 23PG2EE8 - Economics of Climate Change	4	3	40	60	100
Skill Enhancement Course / NME	23PG2ESE2 - Social Ethics and Responsibilities – Women Empowerment, Disability, Social Inclusion. WOMEN AND ENTREPRENEURSHIP	4	2	40	60	100

Total	30	22			
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PROGRAMME CODE:

PROGRAMME CODE:								
S.No	SEM	COURSECODE	COURSE TITLE	HRS	CREDITS	CIA Mks	ESE Mks	TOT. MKs
1	III	19PG3E9	DEVELOPMENT ECONOMICS	6	4	40	60	100
2		19PG3E10	ECONOMETRICS	6	4	40	60	100
3		19PG3E11	RESEARCH METHODOLOGY	6	5	40	60	100
4		22PG3AE12	INTERNATIONAL ECONOMICS	4+2	5	40	60	100
5	IV	19PG4E13	INDIAN FISCAL SYSTEM	6	5	40	60	100
6		19PG4E14	INTERNATIONAL ECONOMICS	6	5	40	60	100
7		19PG4E15	BEHAVIORAL ECONOMICS	6	5	40	60	100
8		19PG4E16	ENVIRONMENTAL ECONOMICS	6	5	40	60	100
Total				96	70			

**I MA ECONOMICSELECTIVE / EXTRA DEPARTMENTAL COURSE /
INTERNSHIP/ PROJECT -20 CREDITS**

S. No	SEM.	COURSECODE	COURSE TITLE	HRS	CRE DITS	CIA Mks	ESE Mk s	TOT. Mks
1	III	19PG3EE1/ E2	AGRICULTURAL ECONOMICS/ GENDER ECO NOMICS	4	4	40	60	100
		19PG3SIL1	Summer Internship	-	3	40	60	100
2	IV	23PG4EE3/ E4	ECONOMICS OF SUSTAINABLE DEVELOPMENT / INDUSTRIAL ECONOMICS	4	4	40	60	100
		19PG4PR	Project	-	3	40	60	100
TOTAL				14	20			

OFF-CLASS

ADD-ON COURSES

COURSE CODE	COURSES	HRS.	CRE DITS	SEMESTER IN WHICH THE COURSE IS OFFERED	CIA MKS	ES E MKS	TOT AL MAR KS
19PADSS	SOFT SKILLS	40	3	I	40	60	100
19PADCA	WEB DESIGNING USING HTML AND DREAMWEAVER	40	4	II	40	60	100
19PADCV	COMPREHENSIVE VIVA (Questions from NET syllabus by the respective course teachers based on NET books)	-	2	IV	-	-	100
19PADRC	READING CULTURE	10	1	I-IV	-	-	-
TOTAL			10				

EXTRA CREDIT COURSES

COURSE CODE	COURSES	HR S.	CRE DITS	SEMESTER IN WHICH THE COURSE IS OFFERED	CIA MKS	ES E MKS	TOTA L MAR KS
20PGE2SL2	INDUSTRIAL ECONOMICS AND LABOUR LAWS	-	2	I	40	60	100
20PGE4SL4	NUMERICAL ABILITY FOR COMPETITIVE EXAMINATION	-	2	II	40	60	100

	MOOC COURSES / International Certified online Courses (Department Specific Courses/any other courses) Students can opt other than the listed course from UGC-SWAYAM /UGC /CEC/	-	Minimum 2 Credits	I – IV	-	-	
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- **Summer Internship:**

- Duration-1 month (2nd Week of May to 2nd week of June-before college reopens)

- **Project:**

- Off class
- Evaluation components-Report writing + Viva Voce (Internal marks-40) + External marks 60

- **EDC:**

- Syllabus should be offered for two different batches of students from other than the parent department in Sem-I & Sem-II

SEMESTER- – I

CORE – I

FIRST YEAR –SEMESTER- I

I MA ECONOMICS

I SEMESTER

(For those who joined in 2023 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	23PG1E1	ADVANCED MICRO ECONOMICS	6	5

COURSE DESCRIPTION

Course Objectives:

1. To make the students to understand consumer behaviour with the theories of Demand and Production.
2. To elaborate on various market structures and the theories of distribution.

UNIT I: CONSUMER CHOICE

21 HRS

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- and derivation of Marginal Utility schedule for money income.

Unit II: Economics of Information

21 HRS

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

21 HRS

- a. Perfect competition – Price and output determination – Optimum firm-
- b. Monopoly – Short run and long run equilibrium - Price discrimination monopoly control, and regulation – Contestable Market-
- c. Monopolistic competition–Chamberlin Model- selling costs - Excess capacity –
- d. 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
- e. Monopsony – Price and output determination – Workable competition.

Unit -IV: Alternative Theories of Firm

21 HRS

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

21 HRS

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:

1. Jhingan M.L, (2004 Reprint) Advanced Economic Theory (Vrindha Publications (P) Ltd., New Delhi).
2. 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. Koutsyiannis 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 CONTENTS & LECTURE SCHEDULE

Module No.	Topic	No. of Lectures	Teaching Pedagogy	Teaching Aids
UNIT I Unit I: Consumer Choice				
1.1	Cardinal and ordinal utility	3	Lecture	Black Board
1.2	- Indifference curve approach	2	Lecture	Black Board
1.3	Slutsky's Decomposition of price effect into substitution effect and income effect	2	Lecture	Black Board
1.4	Consumer surplus	3	Lecture	Black Board
1.5	Marshall's and Hicksian measures – Compensatory Demand Curve	2	Lecture	Black Board
1.6	Revealed Preference Theorem	2	Lecture	Black Board
1.7	derivation of Marginal Utility schedule for money income.	2	Lecture	Black Board
UNIT II Economics of Information				

2.1	Informational asymmetry --	1	Chalk and Talk	Black Board
2.2	Choice under Uncertainty -	2	Chalk and Talk	Black Board
2.3	N-M Index – Inter-temporal choice -	2	Chalk and Talk	Black Board
2.4	Market for lemons- Adverse selection – Insurance market and adverse selection	1	Chalk and Talk	Black Board
2.5	Solution to principal agent problem-	4	Chalk and Talk	Black Board
2.6	Hidden action (Moral Hazard) - Signaling and Screening.	2	Chalk and Talk	Black Board
UNIT III Market Structure Models				
3.1	Perfect competition – Price and output determination – Optimum firm-	1	Lecture	Black Board
3.2	Monopoly – Short run and long-run equilibrium	2	Lecture	Black Board
3.3	Price discrimination monopoly control, and regulation – Contestable Market	2	Chalk & Talk	Black Board
3.4	Monopolistic competition–Chamberlin Model	2	Problem Solving	Black Board
3.5	selling costs - Excess capacity	2	Lecture	Black Board
3.6	Oligopoly – Duopoly price game-dominant strategy	1	Chalk and Talk	Black Board
3.7	Nash Equilibrium Non-collusive Models	1	Lecture	Black Board
3.8	- Cournot- Bertrand – Chamberlin – Edgeworth	1	Chalk and Talk	Black Board
3.9	Sweezy – Stackelberg- Oligopoly - Collusive Models	1	Lecture	Black Board
3.10	Cartels and mergers -Price leadership - Base point price system	1	Lecture	Black Board

3.11	Monopsony – Price and output determination – Workable competition.	2	Chalk and Talk	Black Board
UNIT IV Alternative Theories of Firm				
4.1	Full Cost Pricing Rule- Input-output model -	1	Lecture	Black Board
4..2	Limits pricing theory- Bains Theory-	1	Lecture	Black Board
4..3	Sylos-Labini Model-Modigliani's Models-	2	Lecture	Black Board
4..4	Linear programming applications in decision making	2	Lecture	Black Board
4..5	Peak Load Pricing – Administered Pricing-	3	Lecture	Black Board
4.6	Purchasing Power Parity Price.	1	Lecture	Black Board
Unit -V Distribution Theories				
5.1	Neo-classical approach ----Theories of Profit.	3	Lecture	Black Board
5.2	Marginal productivity theory; Product exhaustion theorem; -	1	Lecture	Black Board
5.3	Modern theory of distribution – Factor Pricing in imperfect product and factor markets	4	Lecture	Black Board
5.4	Determination of Wages –Labour supply and wage determination	1	Lecture	Black Board
5.5	Role of trade unions and collective bargaining	2	Lecture	Black Board
5.6	Theories of Interest-	2	Lecture	Black Board
5.7	Theories of Interest-	2	Lecture	Black Board

EVALUATION PATTERN

Levels	C1	C2	C3	C4	C5	Total Scholastic Marks	Non Scholastic Marks C6	CIA Total	% of Assessment
	T1 10 Mks.	T2 10 Mks.	Seminar 5 Mks.	Assignment 5 Mks	OBT/PPT 5 Mks	35 Mks.	5 Mks.	40Mks.	
K2	4	4	-	-	-	8	-	8	20 %
K3	2	2	-	5	-	9	-	9	22.5 %
K4	2	2	-	-	5	9	-	9	22.5 %
K5	2	2	5	-	-	9	-	9	22.5 %
Non Scholastic	-	-	-	-	-		5	5	12.5 %
Total	10	10	5	5	5	35	5	40	100 %

CIA	
Scholastic	35
Non Scholastic	5
	40

EVALUATION PATTERN

SCHOLASTIC					NON - SCHOLASTIC	MARKS		
C1	C2	C3	C4	C5	C6	CIA	ESE	Total
10	10	5	5	5	5	40	60	100

PG CIA Components

				Nos				
C1	-	Test (CIA 1)		1	-	10 Mks		
C2	-	Test (CIA 2)		1	-	10 Mks		
C3	-	Assignment		2 *	-	5 Mks		
C4	-	Open Book Test/PPT		2 *	-	5 Mks		
C5	-	Seminar		1	-	5 Mks		
C6	-	Attendance			-	5 Mks		

****The best out of two will be taken into account***

COURSE OUTCOMES

On completion of this course, students will be able to

NO.	Course Outcomes	K-Levels	
CO 1	To illustrate and analyse the theories of consumer behavior	K1, K2, K4	
CO 2	To illustrate and identify the choice under uncertainty	K2, K3	
CO 3	To compare how price and output is determined in different market situations and evaluate the market structures	K2, K4, K5	
CO 4	To identify and examine the alternative theories of firms.	K3, K4	
CO 5	To define, explain, and compare the theory of distribution.	K1, K2, K4	

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

Mapping COs Consistency with PSOs

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

Strong-3 M-Medium-2 L-Low-1 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

Mapping COs Consistency with POs

CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	3	3	3	3	3
CO2	3	3	3	3	3	3	3	3
CO3	3	3	3	3	3	3	3	3
CO4	3	3	3	3	2	3	2	3
CO5	3	2	2	2	3	3	3	3
Weightage	15	14	14	14	14	15	14	15
Weighted percentage, of course, contribution to POS	3.00	2.8	2.8	2.8	2.8	3.00	2.8	3.00

S-Strong-3 M-Medium-2 L-Low-1

COURSE DESIGNER

MRS.A,GRACY RANI

HEAD OF THE DEPARTMENT

DR.M.REGINA MARY

CORE – II
I MA ECONOMICS
I SEMESTER

(For those who joined in 2023 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	23PG1E2	INDIAN ECONOMIC DEVELOPMENT AND POLICY	6	5

COURSE DESCRIPTION

Study on agricultural sector , industrialization, Fiscal developments & social sector in India

COURSE OBJECTIVE/S

1. To provide a macroeconomic understanding of the Indian Economy.
2. The students become aware of various challenges of the Indian Economy.
- 3.To help the students to face the TNPSC and UPSC exams
- 4.To acquaint the students with the significance of various sectors in Indian economy

Unit 1: Introduction

21 HRS

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

21 HRS

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

21 HRS

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

21 HRS

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

21 HRS

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 CONTENTS & LECTURE SCHEDULE

Module No.	Topic	No. of Lectures	Teaching Pedagogy	Teaching Aids
UNIT – 1 : Introduction				
1.1	Growth and Structural Change Indian economy at Independence-	3	Chalk & Talk	Black Board

1.2	The policy framework: statist policy,	2	Chalk & Talk	Black Board
1.3	transition to market-oriented policy,	3	Lecture	PPT & White board
1.4	role of erstwhile Planning Commission and NITI Aayog	2	Lecture	Black Board
1.5	Two phases of growth (1950-1980 and 1980 onwards),	2	Lecture	PPT & White board
1.6	factors underlying turnaround-	1	Lecture	PPT & White board
1.7	Structural change in Indian economy.	2	Lecture	Black Board
UNIT –II : Agricultural and Industrial Sector				
2.1	Agricultural and Industrial Sectors - Agricultural Sector - - Industrial Growth - - -.	3	Chalk & Talk	Black Board
2.2	Performance of agricultural sector,	2	Chalk & Talk	Black Board
2.3	factors determining agricultural growth	2	Lecture	PPT & White board
2.4	Factors underlying food inflation	3	Lecture	Black Board
2.5	Agricultural price policy and food security	1	Chalk & Talk	Black Board

2.6	Industrial growth before and after reforms	2	Chalk & Talk	PPT & White board
2.7	Dualism in Indian manufacturing	2	Chalk & Talk	Black Board
2.8	Issues in performance of public sector enterprises and privatization	2	Chalk & Talk	Black Board
UNIT –III :Fiscal Developments				
3.1	Fiscal Developments,	3	Lecture	PPT & White board
3.1	Finance and External Sector Expenditure trends	3	Lecture	Black Board
3.3	GST: rationale and impact-	3	Blended Learning	Black Board
3.4	Evolution of the financial sector in post-liberalization period	2	Blended Learning	PPT & White board
3.5	External sector performance: emergence of India as major exporter in services,	2	Blended Learning	Black Board
3.6	performance of manufacturing sector.	2	Blended Learning	PPT & White board
UNIT : IV Poverty and Inequality				
4.1	Poverty and Inequality - Measuring poverty in India:	3	Blended Learning	PPT & White board
4..2	Selection of poverty lines- Poverty in pre and post liberalization periods-	2	Lecture	Black Board
4..3	Impact of growth on poverty- PDS vs cash transfers,	4	Blended Learning	Black Board

4..4	feasibility of universal basic income in India	3	Blended Learning	Black Board
4..5	Inequality in India in pre and post liberalization periods.	3	Lecture	PPT & White board
UNIT V :Social Sector				
5.1	Gender gap in India and trends in female labour force participation rates.	3	Lecture	PPT & White board
5.2	factors determining female labour force participation	3	Lecture	Black Board
5.3	Employment: changing nature of employment in India,	4	Chalk & Talk	Black Board
5.4	"jobless growth"- Labour in informal sector-	3	Chalk & Talk	Black Board
5.5	India's graphic transition	2	Lecture	PPT & White board

EVALUATION PATTERN

Levels	C1	C2	C3	C4	C5	Total Scholastic Marks	Non Scholastic Marks C6	CIA Total	% of Assessment
	T1	T2	Seminar	Assignment	OBT/PPT				
	10 Mks.	10 Mks.	5 Mks.	5 Mks	5 Mks	35 Mks.	5 Mks.	40 Mks.	
K2	4	4	-	-	-	8	-	8	20 %
K3	2	2	-	5	-	9	-	9	22.5 %
K4	2	2	-	-	5	9	-	9	22.5 %
K5	2	2	5	-	-	9	-	9	22.5 %
Non Scholastic	-	-	-	-	-		5	5	12.5 %
Total	10	10	5	5	5	35	5	40	100 %

CIA	
Scholastic	35
Non Scholastic	5
	40

EVALUATION PATTERN

SCHOLASTIC					NON - SCHOLASTIC	MARKS		
C1	C2	C3	C4	C5	C6	CIA	ESE	Total
10	10	5	5	5	5	40	60	100

SCHOLASTIC	NON - SCHOLASTIC	MARKS
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PG CIA Components

		Nos		
C1	- Test (CIA 1)	1	-	10 Mks
C2	- Test (CIA 2)	1	-	10 Mks
C3	- Assignment	2 *	-	5 Mks
C4	- Open Book Test/PPT	2 *	-	5 Mks
C5	- Seminar	1	-	5 Mks
C6	- Attendance		-	5 Mks

****The best out of two will be taken into account***

COURSE OUTCOMES

On completion of this course, students will be able to

NO.	COURSE OUTCOMES	KNOWLEDGE LEVEL (ACCORDING TO REVISED BLOOM'S TAXONOMY)	PSOs ADDRESSED
CO 1	Understand the Structural change in Indian economy	K ₁ , K ₂ , K ₃ , K ₄	PO1, PO3, PO8
CO 2	Assess the Performance of agricultural and Industrial sector	K ₁ , K ₂ , K ₃ , K ₄	PO1, PO2, PO3, PO8
CO 3	Ability to learn the trends in the economy	K ₁ , K ₂ , K ₃ , K ₄ , K ₅	PO1, PO2, PO3
CO 4	Understand the Impact of Poverty	K ₁ , K ₂ , K ₃ , K ₄	PO1, PO2, PO3
CO 5	Identify Social Issues like Unemployment, Gender disparities	K ₁ , K ₂ , K ₃ , K ₄	PO3, PO7, PO8

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

Mapping COs Consistency with PSOs

CO/ PO	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8
CO1	3	3	3	3	3	3	3	3
CO2	3	3	3	3	3	3	3	3
CO3	3	3	3	3	3	3	3	3
CO4	3	3	3	2	3	3	3	3
CO5	3	3	3	2	3	3	3	3
Weightage	15	15	15	13	15	15	15	15
Weighted percentage of course contribution to POS	3	3	3	3	2.6	3	3	3

S-Strong-3 M-Medium-2 L-Low-1

Mapping COs Consistency with POs

CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	3	3	3	3	3
CO2	3	3	3	3	3	3	3	3
CO3	3	3	3	3	3	3	3	3
CO4	3	3	3	3	2	3	2	3
CO5	3	2	2	2	3	3	3	3
Weightage	15	14	14	14	14	15	14	15
Weighted percentage of course contribution to POS	3.00	2.8	2.8	2.8	2.8	3.00	2.8	3.00

S-Strong-3 M-Medium-2 L-Low-1

COURSE DESIGNER

FORWARDED

DR.S.IVY JENO

HEAD OF THE DEPARTMENT

I MA ECONOMICS
I SEMESTER CORE -III

(For those who joined in 2023 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	23PG1E3	STATISTICS FOR ECONOMISTS	6	4

COURSE DESCRIPTION

Describing data; probability; discrete random variables; continuous random variables; sampling; estimation; hypothesis testing

COURSE OBJECTIVE/S

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

UNIT I: PROBABILITY

18HRS

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

18 HRS

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

18 HRS

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

18 HRS

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

UNITV: STATISTICAL DECISION THEORY

18 HRS

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 & 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.html

COURSE CONTENTS & LECTURE SCHEDULE

Module No.	Topic	No. of Lectures	Teaching Pedagogy	Teaching Aids
UNIT –1: INTRODUCTION				
1.1	Probability	3	Chalk & Talk	Black Board
1.2	Addition and Multiplication Theorems	2	Chalk & Talk	Black Board
1.3	Conditional Probability	3	Lecture	PPT & White board
1.4	Discrete and Continuous	2	Lecture	Black Board
1.5	Random Variables	2	Lecture	PPT & White board
1.6	Mathematical Expectations - Bayes Theorem	1	Lecture	PPT & White board
1.7	Theoretical Distributions - Binomial, Poisson and Normal.	2	Lecture	Black Board
UNIT –II: SAMPLING AND TESTING OF HYPOTHESIS				
2.1	Sampling Theory	3	Chalk & Talk	Black Board

2.2	Types of Sampling	2	Chalk & Talk	Black Board
2.3	- Sampling Distributions	2	Lecture	PPT & White board
2.4	Parameter and Statistic	3	Lecture	Black Board
2.5	Testing of Hypothesis - Level of Significance	2	Chalk & Talk	Black Board
2.6	Type I and Type II Errors	2	Chalk & Talk	PPT & White board
2.7	Standard Error - Properties of Estimator.	3	Chalk & Talk	Black Board
UNIT –III : TEST OF SIGNIFICANCE LARGE AND SMALL SAMPLE				
3.1	Difference between Large and Small Samples	3	Lecture	PPT & White board
3:1	Test of Significance for Large Samples	3	Lecture	Black Board
3.3	Test for Two Means and Standard Deviations	3	Blended Learning	Black Board
3.4	Proportion and Confidence Interval	2	Blended Learning	PPT & White board
3.5	Small Sample Test – t-test	2	Blended Learning	Black Board
3.6	Paired t- test - Chi-square Test- Test of Goodness of Fit	2	Blended Learning	PPT & White board
UNIT : IV ANALYSIS OF VARIANCE				
4.1	F test: Assumptions in F test -	4	Blended Learning	PPT & White board
4..2	Analysis of Variance: Assumptions	6	Lecture	Black Board
4..3	One-Way and Two-Way Classifications.	5	Blended Learning	Black Board
UNIT V : STATISTICAL DECISION THEORY				

5.1	Definitions – Concepts – Maximin - Minimax	4	Lecture	PPT & White board
5.2	Bayes Criterion - Expected Monetary Value	4	Lecture	Black Board
5.3	Decision Tree Analysis: Symbols	4	Chalk & Talk	Black Board
5.4	Steps - Advantages and Limitations.	3	Chalk & Talk	Black Board

EVALUATION PATTERN

Levels	C1	C2	C3	C4	C5	Total Scholastic Marks	Non Scholastic Marks C6	CIA Total	% of Assessment
	T1	T2	Seminar	Assignment	OBT/PPT				
	10 Mks.	10 Mks.	5 Mks.	5 Mks	5 Mks	35 Mks.	5 Mks.	40Mks.	
K2	4	4	-	-	-	8	-	8	20 %
K3	2	2	-	5	-	9	-	9	22.5 %
K4	2	2	-	-	5	9	-	9	22.5 %
K5	2	2	5	-	-	9	-	9	22.5 %
Non Scholastic	-	-	-	-	-		5	5	12.5 %
Total	10	10	5	5	5	35	5	40	100 %

CIA	
Scholastic	35
Non Scholastic	5
	40

EVALUATION PATTERN

SCHOLASTIC					NON - SCHOLASTIC	MARKS		
C1	C2	C3	C4	C5	C6	CIA	ESE	Total
10	10	5	5	5	5	40	60	100

PG CIA Components

				Nos				
C1	-	Test (CIA 1)		1	-	10 Mks		
C2	-	Test (CIA 2)		1	-	10 Mks		
C3	-	Assignment		2 *	-	5 Mks		
C4	-	Open Book Test/PPT		2 *	-	5 Mks		
C5	-	Seminar		1	-	5 Mks		
C6	-	Attendance			-	5 Mks		

****The best out of two will be taken into account***

COURSE OUTCOMES

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

NO.	COURSE OUTCOMES	KNOWLEDGE LEVEL (ACCORDING TO REVISED	PSOs ADDRESSED
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		BLOOM'S TAXONOMY)	
CO 1	Summarize the basic Probability rules and understand theoretical distributions.	K ₁ , K ₂ , K ₃ , K ₄	PSO1
CO 2	Acquire knowledge on the various sampling methods and testing of Hypotheses	K ₁ , K ₂ , K ₃ , K ₄	PSO3
CO 3	Use t test and chi square for analysis	K ₁ , K ₂ , K ₃ , K ₄ , K ₅	PSO2
CO 4	Understand the importance of one and two way ANOVA	K ₁ , K ₂ , K ₃ , K ₄	PSO4
CO5	Know the various Decision making tools available	K ₁ , K ₂ , K ₃ , K ₄	PSO5

Mapping COs Consistency with PSOs

CO/ PSO	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 PSOs	2.8	2.6	3	2.6	2.8

Strong-3

M-Medium-2

L-Low-1

Mapping COs Consistency with POs

CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	3	3	3	3	3
CO2	3	3	3	3	3	3	3	3
CO3	3	3	3	3	3	3	3	3
CO4	3	3	3	3	2	3	2	3

C05	3	2	2	2	3	3	3	3
Weightage	15	14	14	14	14	15	14	15
Weighted percentage of course contribution to POS	3.00	2.8	2.8	2.8	2.8	3.00	2.8	3.00

S-Strong-3

M-Medium-2

L-Low-1

**COURSE DESIGNER
DEPARTMENT**

(DR.R. SUJI KARTHIKA)

HEAD OF THE

(DR.M. REGINA MARY)

SEMESTER- I : ELECTIVE – I (1)

(For those who joined in 2023 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	23PG1EE1	MODERN ECONOMIC THOUGHT	5	3

COURSE DESCRIPTION

Study the Ideas of Modern Indian Economists

COURSE OBJECTIVE/S

- 1 To trace the ideas of Modern Economists
- 2 To understand the contribution of the Economists.

Unit I: Classical Economic Thought

15 HRS

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

15 HRS

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

15 HRS

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

15 HRS

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

15 HRS

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 CONTENTS & TEACHING/LEARNING SCHEDULE

Module No.	Topic	No. of Lectures	Content Delivery Method	Teaching Aids
UNIT -1 Classical Economic Thought				
1.1	Economic ideas of Irving Fisher –The Quantity theory of Money- Theory of Interest. Joseph Alois Schumpeter–..	4	Chalk & Talk	Black Board
1.2	- Method of Study –Deductive Method – Inductive Method	2	Lecture	Black Board
1.3	Theory of Economic Development- Role of Entrepreneur – Innovation-Business Cycles	1	Chalk & Talk	Black Board
1.4	Capitalism and Socialism	2	Lecture	PPT
1.5	J.K. Galbraith – The objective of Economic Progress- Concept of Countervailing Power	2	Lecture	PPT
Unit II: Neo Classical Economic Thought				
2.1	Ragnar Nurske – Foreign Resources – Capital Formation –Disguised Unemployment ,	4	Lecture	Black Board
2.2	Mrs- Joan Robinson –Imperfect Competition –	4	Chalk & Talk	Black Board
2.3	F.Y .Edgeworth –Mathematical Economic Analysis –	3	Chalk & Talk	Black Board
2.4	Three Dimensional Utility	4	Lecture	PPT

Unit III: Keynesian Economic Thought				
3.1	Lord Lionel Robbins – Definition of Economics-Causes of Depression	2	Lecture	k Board
3.2	-Milton Friedman – Quantity Theory of Money –Permanent Income Hypothesis ,Friedman and Savage Hypothesis ,	3	Chalk & Talk	Black Board
3.3	Paul A.Samuelson –Impact of Keynesian Economics –Revealed Preference Theory –	3	Lecture	PPT
3.4	Business Cycles –	2	Discussion	Black Board
3.5	Social Welfare Function-Samuelson’s Utility Possibility Approach	3	Lecture	LCD
UNIT IV: Post Keynesian Economic Thoughts				
4.1	Ideas of Modern Indian Economists-R.K.Mukerjee- J.K.Mehta –	2	Chalk & Talk	Black Board
4.2	Institutional theory of Economics-Regional Economics -	2	Lecture	PPT
4.3	Ecological Theory of Population -Planning in India,	2	Discussion	Black Board
4.4	Static and Dynamic Economics	3	Chalk & Talk	Black Board
4.5	Economics of Welfare	3	Chalk & Talk	Black Board
4.6	-Economics of Growth and Development-Economics of Fast	3	Discussion	Black Board
UNIT V: Indian Economists				
5.1	C.N.Vakil -Planning- Wage -Goods Model-	2	Lecture	PPT
5.2	Role of Technological Progress-Poverty - Deficit Financing and Public Expenditure,	3	Lecture	Black Board
5.3	V.K.R.V.Rao -Economic Activities - -	2	Lecture	Black Board
5.4	- Institutional Development	2	Chalk and Talk	Black Board
5.5	Deficit Financing- - Fiscal policy	2	Lecture	Black Board

5.6	Human Factor in Economic Growth	2	Discussion	Black Board
5.8	. Amartya Kumar Sen – Poverty and Famine	2	Lecture	PPT
5.9	,Poverty and Inequality-	1	Lecture	Black Board
5.10	Concept of Capability- Entitlement -Choice of Techniques	1	Lecture	Black Board

EVALUATION PATTERN

Levels	C1	C2	C3	C4	C5	Total Scholastic Marks	Non Scholastic Marks C6	CIA Total	% of Assessment
	T1	T2	Seminar	Assignment	OBT/ PPT				
	10 Mks.	10 Mks.	5 Mks.	5 Mks	5 Mks	35 Mks.	5 Mks.	40Mks.	
K2	4	4	-	-	-	8	-	8	20 %
K3	2	2	-	5	-	9	-	9	22.5 %
K4	2	2	-	-	5	9	-	9	22.5 %
K5	2	2	5	-	-	9	-	9	22.5 %
Non Scholastic	-	-	-	-	-		5	5	12.5 %

Total	10	10	5	5	5	35	5	40	100 %
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CIA	
Scholastic	35
Non Scholastic	5
	40

EVALUATION PATTERN

SCHOLASTIC					NON - SCHOLASTIC	MARKS		
C1	C2	C3	C4	C5	C6	CIA	ESE	Total
10	10	5	5	5	5	40	60	100

PG CIA Components

				Nos				
C1	-	Test (CIA 1)		1	-	10 Mks		
C2	-	Test (CIA 2)		1	-	10 Mks		
C3	-	Assignment		2 *	-	5 Mks		
C4	-	Open Book Test/PPT		2 *	-	5 Mks		
C5	-	Seminar		1	-	5 Mks		
C6	-	Attendance			-	5 Mks		

****The best out of two will be taken into account***

COURSE OUTCOMES

On completion of this course, students will be able to

NO.	COURSE OUTCOMES	KNOWLEDGE LEVEL (ACCORDING TO REVISED BLOOM'S TAXONOMY)	PSOs ADDRESSED
CO 1	Understand modern economic concept of role of Entrepreneur Innovation, BusinessCycles and Capitalism and Socialism.	K ₁ , K ₂ , K ₄	PO1, PO3,PO8
CO 2	Ability to understand about Capital Formation, Disguised UnemploymentImperfectCompetition and Mathematical Economic Analysis	K ₁ ,K ₂ , K ₃ ,K ₄	PO1,PO2, PO3,PO8
CO 3	Understand the ideas ofPermanent Income Hypothesis, Revealed Preference Theory, Social Welfare Function and Samuelson's Utility Possibility Approach	K ₁ ,K ₂ , K ₄	PO1, PO2,PO3
CO 4	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	PO1, PO2,PO3
CO 5	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	PO3,PO7,PO8

Mapping COs Consistency with PSOs

CO/ PSO	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

C05	3	3	3	3	3
Weightage	15	15	15	15	15
Weighted percentage of Course Contribution to PSOs	3	3	3	3	3

Strong-3 M-Medium-2 L-Low-1

Mapping C0s Consistency with POs

CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
C01	3	3	3	3	3	3	3	3
C02	3	3	3	3	3	3	3	3
C03	3	3	3	3	3	3	3	3
C04	3	3	3	3	2	3	2	3
C05	3	2	2	2	3	3	3	3
Weightage	15	14	14	14	14	15	14	15
Weighted percentage of course contribution to POS	3.00	2.8	2.8	2.8	2.8	3.00	2.8	3.00

S-Strong-3 M-Medium-2 L-Low-1

COURSE DESIGNER

DR.C.SAHAYA MARY SOPHIA

HEAD OF THE DEPARTMENT

DR.M.REGINA MARY

FIRST YEAR –SEMESTER- I

I MA ECONOMICS

I SEMESTER

(For those who joined in 2023 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	23PG1EE2	RURAL ECONOMICS	5	3

COURSE DESCRIPTION

Study of Rural Empowerment Programs and Technology in Rural Development

COURSE OBJECTIVE/S

1. To understand rural economic development in India
2. To know about the Rural Empowerment Programs initiated by Government of India

Unit I: Introduction to Rural Economics

15 HRS

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

15 HRS

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

15 HRS

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

15 HRS

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

15 HRS

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 CONTENTS & LECTURE SCHEDULE

Module No.	Topic	No. of Lectures	Teaching Pedagogy	Teaching Aids
UNIT I Introduction to Rural Economics				
1.1	Nature and Scope of Rural Economics -	3	Lecture	Black Board
1.2	Inter-disciplinary approach of Rural Economics –	2	Lecture	Black Board
1.3	Components - Structure and Characteristics -	2	Lecture	Black Board
1.4	Pre and Post-independence	3	Lecture	Black Board
1.5	- Rural Development: Meaning,	2	Lecture	Black Board
1.6	Nature and Scope -	2	Lecture	Black Board
1.7	Factors Affecting Rural Growth	1	Lecture	Black Board
UNIT II Rural Resources and Rural development theories				

2.1	Rural Resources: Nature, Types and Magnitude -	2	Chalk and Talk	Black Board
2.2	Rural Resources Management and Development -	3	Chalk and Talk	Black Board
2.3	Application of Technology in Rural Development –	3	Chalk and Talk	Black Board
2.4	Problems and prospects - W.W. Rostow's -	3	Chalk and Talk	Black Board
2.5	Lewis-Fei-Ranis and skill Approach to Rural Development.	4	Chalk and Talk	Black Board
UNIT III Rural Demography and Occupational Structure				
3.1	Demography: Population Size, Sex and Age Composition	3	Lecture	Black Board
3.2	Density of Population- Population Problems and Challenges	3	Lecture	Black Board
3.3	Family Welfare Measures in Rural India - Occupational Structure: Nature of Rural Occupations	3	Chalk & Talk	Black Board
3.4	Occupational Distribution in Rural India	3	Problem Solving	Black Board
3.5	The Concept of Work Participation Rates.	3	Lecture	Black Board
UNIT IV Rural Poverty and Unemployment				
4.1	Rural Poverty: Meaning, Estimates, Causes and Consequences – Unemployment:	3	Lecture	Black Board
4..2	Meaning, Types and Magnitude of Rural Unemployment -	3	Lecture	Black Board
4..3	Causes and Consequences - National Programmes for Rural Development -	3	Lecture	Black Board
4..4	Community Development Programmes	3	Lecture	Black Board
4..5	Employment Guarantee Schemes	3	Lecture	Black Board
UNIT V: Rural Empowerment Programmes				
5.1	Bharat Nirman, Provisions of Urban Amenities in Rural Area (PU RA),	3	Lecture	Black Board

5.2	Mahatma Gandhi National Rural Employment Guarantee Act	3	Lecture	Black Board
5.3	Agencies for Rural Development:	3	Lecture	Black Board
5.4	Government, Semi-Government Organisations, Co-Operative Institutions	3	Lecture	Black Board
5.5	Non-Government Organisations and Voluntary Agencies for Rural Development	3	Lecture	Black Board

EVALUATION PATTERN

Levels	C1	C2	C3	C4	C5	Total Scholastic Marks	Non Scholastic Marks C6	CIA Total	% of Assessment
	T1	T2	Seminar	Assignment	OBT/PPT				
	10 Mks.	10 Mks.	5 Mks.	5 Mks	5 Mks	35 Mks.	5 Mks.	40 Mks.	
K2	4	4	-	-	-	8	-	8	20 %
K3	2	2	-	5	-	9	-	9	22.5 %
K4	2	2	-	-	5	9	-	9	22.5 %
K5	2	2	5	-	-	9	-	9	22.5 %
Non Scholastic	-	-	-	-	-		5	5	12.5 %
Total	10	10	5	5	5	35	5	40	100 %

CIA	
Scholastic	35
Non Scholastic	5
	40

EVALUATION PATTERN

SCHOLASTIC					NON - SCHOLASTIC	MARKS		
C1	C2	C3	C4	C5	C6	CIA	ESE	Total
10	10	5	5	5	5	40	60	100

PG CIA Components

				Nos				
C1	-	Test (CIA 1)		1	-	10 Mks		
C2	-	Test (CIA 2)		1	-	10 Mks		
C3	-	Assignment		2 *	-	5 Mks		
C4	-	Open Book Test/PPT		2 *	-	5 Mks		
C5	-	Seminar		1	-	5 Mks		
C6	-	Attendance			-	5 Mks		

****The best out of two will be taken into account***

COURSE OUTCOMES

On completion of this course, students will be able to

NO.	COURSE OUTCOMES	KNOWLEDGE LEVEL (ACCORDING TO REVISED BLOOM'S TAXONOMY)	PSOs ADDRESSED
CO 1	To label and interpret the nature and scope of rural economics.	K1,K2,	PO1, PO3,PO8

CO 2	To define and demonstrate the theories of rural development and rural resources.	K1,K2,	PO1,PO2, PO3,PO8
CO 3	To recall, outline and determine rural demography and occupation structure.	K1,K2,K5,	PO1, PO2,PO3
CO 4	To organize, examine and evaluate rural poverty and unemployment.	K3,K4,	PO1, PO2,PO3
CO 5	To summarize, develop and explain the rural empowerment programs.	K2,K3,K5,	PO3,PO7,PO8

Mapping COs Consistency with PSOs

CO/ PSO	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 PSOs	3.0	3.0	3.0	3.0	3.0

Strong-3 M-Medium-2 L-Low-1

Mapping COs Consistency with POs

CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	3	3	3	3	3
CO2	3	3	3	3	3	3	3	3
CO3	3	3	3	3	3	3	3	3
CO4	3	3	3	3	2	3	2	3
CO5	3	2	2	2	3	3	3	3
Weightage	15	14	14	14	14	15	14	15
Weighted percentage of course	3.00	2.8	2.8	2.8	2.8	3.00	2.8	3.00

contribution to POS								
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S-Strong-3 M-Medium-2 L-Low-1

COURSE DESIGNER

DR.C.SAHAYA MARY SOPHIA

HEAD OF THE DEPARTMENT

DR.M.REGINA MARY

FIRST YEAR –SEMESTER- I

I MA ECONOMICS

I SEMESTER

(For those who joined in 2023 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	23PG1EE3	REGIONAL ECONOMICS	5	3

COURSE DESCRIPTION

Study of regional economics and regional science

COURSE OBJECTIVE/S

1. To equip the analytical skills required to analyse the regional economic issues
2. To understand Regional economic growth in India

UNIT I: INTRODUCTION TO REGIONAL ECONOMICS

15 HRS

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

15 HRS

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

15 HRS

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

15 HRS

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

15HRS

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

1. <http://www.rri.wvu.edu/WebBook/Giaratani/contents.htm>
2. <https://researchrepository.wvu.edu/cgi/viewcontent>
3. https://ddceutkal.ac.in/Syllabus/MA_Economics

COURSE CONTENTS & LECTURE SCHEDULE

Module No.	Topic	No. of Lectures	Teaching Pedagogy	Teaching Aids
UNIT I INTRODUCTION TO REGIONAL ECONOMICS				
1.1	Nature and scope of regional economics	3	Lecture	Black Board
1.2	Regional economics and regional science	2	Lecture	Black Board

1.3	Regional and Urban Economics: Need for a separate study of regional economics	2	Lecture	Black Board
1.4	Concept and types of regions: Administrative	3	Lecture	Black Board
1.5	Planning	2	Lecture	Black Board
1.6	Agro-climatic	2	Lecture	Black Board
1.7	Economic and Functional regions	1	Lecture	Black Board
UNIT II APPROACHES TO REGIONAL GROWTH				
2.1	Approaches to regional growth:	3	Chalk and Talk	Black Board
2.2	Models of regional, inter-regional and multi-regional models;	2	Chalk and Talk	Black Board
2.3	Export base models	2	Chalk and Talk	Black Board
2.4	Location Theory	2	Chalk and Talk	Black Board
2.5	Gravity models	4	Chalk and Talk	Black Board
2.6	Shift-share analysis	2	Chalk and Talk	Black Board
UNIT III THEORIES OF REGIONAL ECONOMIC GROWTH				
3.1	Neoclassical models –	3	Lecture	Black Board
3.2	Dualistic models: Social dualism – Labour surplus model of Arthur Lewis-	3	Lecture	Black Board
3.3	Migration and development: Harris- Todaro – Core-Periphery models: Myrdal's Cumulative Casuation Hypothesis –	3	Chalk & Talk	Black Board
3.4	Regional Input-output models -	3	Problem Solving	Black Board
3.5	New Economic Geography models: Paul Krugman's model of industrial location and development	3	Lecture	Black Board
UNIT IV REGIONAL ECONOMIC GROWTH IN INDIA				
4.1	Administrative regions in India: State, District, Taluk and Village;	3	Lecture	Black Board

4..2	Urban and Rural regions - Concept, definition and measure of State Income (GSDP) –	3	Lecture	Black Board
4..3	Rural and urban GDP –	3	Lecture	Black Board
4..4	Differences in estimation of national income (GDP) and State Income (GSDP) -	3	Lecture	Black Board
4..5	Measurement of interregional economic growth at State level	3	Lecture	Black Board
UNIT V: REGIONAL ASPECTS OF STABILIZATION AND GROWTH POLICY				
5.1	Post-war Regional Cyclical Behaviour and Policy Measures for Stabilization	3	Lecture	Black Board
5.2	Theories to Explain Regional Differences in Growth	3	Lecture	Black Board
5.3	Fiscal Programmes, Tax and Transfer Programmes	3	Lecture	Black Board
5.4	Fiscal Responses of Power Level Governments	3	Lecture	Black Board
5.5	Regional Orientation to Policy Programmes and Central Responsibility	3	Lecture	Black Board

EVALUATION PATTERN

Levels	C1	C2	C3	C4	C5	Total Scholastic Marks	Non Scholastic Marks C6	CIA Total 1	% of Assessment
	T1	T2 10 Mks. s.	Seminar 5 Mks.	Assignment 5 Mks	OBT/ PPT 5 Mks	35 Mks.	5 Mks.	40M ks.	

	10 Mks.								
K2	4	4	-	-	-	8	-	8	20 %
K3	2	2	-	5	-	9	-	9	22.5 %
K4	2	2	-	-	5	9	-	9	22.5 %
K5	2	2	5	-	-	9	-	9	22.5 %
Non Scholastic	-	-	-	-	-		5	5	12.5 %
Total	10	10	5	5	5	35	5	40	100 %

CIA	
Scholastic	35
Non Scholastic	5
	40

EVALUATION PATTERN

SCHOLASTIC					NON - SCHOLASTIC	MARKS		
C1	C2	C3	C4	C5	C6	CIA	ESE	Total
10	10	5	5	5	5	40	60	100

PG CIA Components

Nos			
C1	-	Test (CIA 1)	1 - 10 Mks
C2	-	Test (CIA 2)	1 - 10 Mks
C3	-	Assignment	2 * - 5 Mks
C4	-	Open Book Test/PPT	2 * - 5 Mks

SCHOLASTIC	NON - SCHOLASTIC	MARKS
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C5 - Seminar 1 - 5 Mks

C6 - Attendance - 5 Mks

****The best out of two will be taken into account***

COURSE OUTCOMES

On completion of this course, students will be able to

NO.	COURSE OUTCOMES	KNOWLEDGE LEVEL (ACCORDING TO REVISED BLOOM'S TAXONOMY)	PSOs ADDRESSED
CO 1	understand the Nature and scope of regional economics and its need	K1, K3, k4	PO1, PO3,PO8
CO 2	Discuss the Models of regional, inter-regional and multi-regional models	K4,K5	PO1,PO2, PO3,PO8
CO 3	Evaluate the various theories of regional economic growth	K2, K3,K4	PO1, PO2,PO3
CO 4	Describes the Measurement of interregional economic growth at State level	K4,K4	PO1, PO2,PO3
CO 5	apply Regional Aspects of Stabilization and Growth Policy	K1,K4,K5	PO3,PO7,PO8

Mapping COs Consistency with PSOs

CO/ PSO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	3	3	3	2
CO2	3	2	2	3	2
CO3	3	2	3	2	2
CO4	3	3	3	2	3
CO5	3	2	2	2	3
Weightage	14	12	14	14	12
Weighted percentage of	2.8	2.4	2.8	2.8	2.4

Course Contribution to PSOs					
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Strong-3 M-Medium-2 L-Low-1

Mapping COs Consistency with POs

CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	3	3	3	3	3
CO2	3	3	3	3	3	3	3	3
CO3	3	3	3	3	3	3	3	3
CO4	3	3	3	3	2	3	2	3
CO5	3	2	2	2	3	3	3	3
Weightage	15	14	14	14	14	15	14	15
Weighted percentage of course contribution to POS	3.00	2.8	2.8	2.8	2.8	3.00	2.8	3.00

S-Strong-3 M-Medium-2 L-Low-1

COURSE DESIGNER

DR.M.REGINA MARY

HEAD OF THE DEPARTMENT

DR.M.REGINA MARY

FIRST YEAR –SEMESTER- I

I MA ECONOMICS

I SEMESTER

(For those who joined in 2023 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	23PG1EE4	WELFARE ECONOMICS	5	3

COURSE DESCRIPTION

Study of Individual and Social Welfare, Public Goods and Market Failure

COURSE OBJECTIVE/S

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

Unit 1:Introduction to Welfare Economics

15 HRS

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

15 HRS

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

15 HRS

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

15 HRS

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

15 HRS

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 –OlovJohannson(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 CONTENTS & LECTURE SCHEDULE

Module No.	Topic	No. of Lectures	Teaching Pedagogy	Teaching Aids
UNIT I Introduction to Welfare Economics				
1.1	Welfare Economics :Meaning- Concepts:	3	Lecture	Black Board
1.2	Individual and Social Welfare- Value Judgments-	2	Lecture	Black Board
1.3	Preferences and Utility - Utility function: Properties - Interpersonal comparisons of utility:	2	Lecture	Black Board
1.4	degrees of interpersonal comparability.	3	Lecture	Black Board

1.5	Social Welfare Function	2	Lecture	Black Board
1.6	Bentham's Utilitarianism	2	Lecture	Black Board
1.7	Pigouvian Welfare Economics	1	Lecture	Black Board
UNIT II Approaches to Welfare				
2.1	Cardinal and Ordinal Approaches-	3	Chalk and Talk	Black Board
2.2	Hicks's Four Measures of Consumers' Surplus-	3	Chalk and Talk	Black Board
2.3	Partial and General Equilibrium-.	3	Chalk and Talk	Black Board
2.4	Edgeworth Box Diagram-	3	Chalk and Talk	Black Board
2.5	General Equilibrium of Production and Exchange	3	Chalk and Talk	Black Board
UNIT III Pareto Optimality Conditions				
3.1	Pareto-Optimality Criterion -Definition-	3	Lecture	Black Board
3.2	Marginal Conditions of Pareto Optimum –	3	Lecture	Black Board
3.3	Perfect Competition and Pareto Optimality-	3	Chalk & Talk	Black Board
3.4	Exceptions –Externalities – Public Goods and Market Failure –	3	Problem Solving	Black Board
3.5	Theory of Second Best.	3	Lecture	Black Board
UNIT IV New Welfare Economics				
4.1	New Welfare Economics –	3	Lecture	Black Board
4..2	Kaldor- Hicks Compensation Criterion – Utility Possibility Curve -	3	Lecture	Black Board
4..3	Shortcomings – Scitovsky Paradox –.	3	Lecture	Black Board
4..4	Scitovsky's Double Criterion of Welfare–	3	Lecture	Black Board
4..5	Little's Criterion	3	Lecture	Black Board
UNIT V: Theories of Social Choice				

5.1	Utility Possibility Curve and Frontier Grand Utility Possibility Curve-	3	Lecture	Black Board
5.2	Iso Welfare Curves-	3	Lecture	Black Board
5.3	Arrow's Impossibility Theorem –	3	Lecture	Black Board
5.4	Amartya Sen and Capability Theorem –	3	Lecture	Black Board
5.5	Rawls Theory of Social Justice	3	Lecture	Black Board

EVALUATION PATTERN

Levels	C1	C2	C3	C4	C5	Total Schola stic Marks	Non Schola stic Marks C6	CIA Tota l	% of Assess ment
	T1 10 Mk s.	T2 10 Mk s.	Semi nar 5 Mks.	Assign ment 5 Mks	OBT/ PPT 5 Mks	35 Mks.	5 Mks.	40M ks.	
K2	4	4	-	-	-	8	-	8	20 %
K3	2	2	-	5	-	9	-	9	22.5 %
K4	2	2	-	-	5	9	-	9	22.5 %
K5	2	2	5	-	-	9	-	9	22.5 %
Non Schola stic	-	-	-	-	-		5	5	12.5 %

Total	10	10	5	5	5	35	5	40	100 %
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CIA	
Scholastic	35
Non Scholastic	5
	40

EVALUATION PATTERN

SCHOLASTIC					NON - SCHOLASTIC	MARKS		
C1	C2	C3	C4	C5	C6	CIA	ESE	Total
10	10	5	5	5	5	40	60	100

PG CIA Components

				Nos				
C1	-	Test (CIA 1)		1	-	10 Mks		
C2	-	Test (CIA 2)		1	-	10 Mks		
C3	-	Assignment		2 *	-	5 Mks		
C4	-	Open Book Test/PPT		2 *	-	5 Mks		
C5	-	Seminar		1	-	5 Mks		
C6	-	Attendance			-	5 Mks		

****The best out of two will be taken into account***

COURSE OUTCOMES

On completion of this course, students will be able to

NO.	COURSE OUTCOMES	KNOWLEDGE LEVEL (ACCORDING TO REVISED	PSOs ADDRESSED
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		BLOOM'S TAXONOMY)	
CO 1	Summarize the Contribution to Welfare Economics	K1,K2	PO1, PO3,PO8
CO 2	Analyse the different approaches to Welfare Economics	K3,K4,	PO1,PO2, PO3,PO8
CO 3	Interpret the development of Pareto Optimality Conditions	K1,K2,K3	PO1, PO2,PO3
CO 4	Explain the compensation Criteria of Economics	K2,K5	PO1, PO2,PO3
CO 5	Evaluate theories of Social Choice.	K2,K4,K5	PO3,PO7,PO8

Mapping COs Consistency with PSOs

CO/ PSO	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 PSOs	2.4	3	2	3	2.4

Strong-3 M-Medium-2 L-Low-1

Mapping COs Consistency with POs

CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	3	3	3	3	3
CO2	3	3	3	3	3	3	3	3
CO3	3	3	3	3	3	3	3	3
CO4	3	3	3	3	2	3	2	3
CO5	3	2	2	2	3	3	3	3
Weightage	15	14	14	14	14	15	14	15
Weighted percentage	3.00	2.8	2.8	2.8	2.8	3.00	2.8	3.00

of course contribution to POS								
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S-Strong-3 M-Medium-2 L-Low-1

COURSE DESIGNER

DR.M.REGINA MARY

HEAD OF THE DEPARTMENT

DR.M.REGINA MARY

I MA SEMESTER - I

(For those who joined in 2023-24 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	23PG1EAE	FINANCIAL ECONOMICS	2	1

COURSE DESCRIPTION

Finance is the blood of business .it supports economic development industrial development and encourage Entrepreneurs growth.

COURSE OBJECTIVE/S

1. To equip them to face IES, IAS exams and NET exam
2. To equip students to apply their knowledge in stock market security market.
3. To make students aware of financial markets and its functions

UNIT I: INTRODUCTION

[9HRS]

Nature, Role and Structure of Financial Economics – Classification of Financial Institutions. – Financial Instruments and Services. – Role of Financial System in Economic Development. Indian Financial Sector

UNIT II: NON-BANKING FINANCIAL INSTITUTIONS

[9HRS]

Small Savings – Types of Instruments. Insurance Companies – LIC – GIC – UTI and Mutual Fund – Organization – Structure – Types. Investment Pattern and Return on Investment – Rural Financial Market

UNIT III: TYPES OF MARKETS

[9HRS]

– Financial Guarantees – Capital Market – Bond Market – Mortgage Market – Stock Market - Equity Market

UNIT IV TYPES OF MARKETS

[9HRS]

Money Market - Call Money Market – Commercial Paper and Certificate of Deposits – Discount Market

UNIT V: STOCK EXCHANGES IN INDIA

[9HRS]

NSE – BSE – SEBI – Primary and Secondary Issues of Shares and Debentures – Exchange Rates and Currency Convertibility .

TEXT BOOKS

1. L.M. Bhole, "Financial Institutions and Markets", Tata McGraw-Hill, 2005.

REFERENCE BOOKS

1. G.S. Batra and P.C. Dangural, "Financial Services – New Innovations", Deep and Deep Publications Pvt. Ltd, 2005.
2. S.K. Aggarwal, "Stock Markets and Financial Journalism" Shipra Publication, a. New Delhi, 1998
3. A.K. Sharma and G.S. Batra, "Indian Stock Market, Regulation, Performance & Policy Perspective", Deep and Deep Publications Pvt. Ltd, 2005.
4. Anthony Saunders, "Financial Markets and Institutions", Tata McGraw-Hill.
5. Peter S. Rose, "Money and Capital Markets – Financial Institutional & Instruments in a Global Market Place", [International Edition]
6. Day A.C.L., "Outlines of Monetary Economics", Oxford University Press, Amen House, London.
7. Johes, Chris "Financial economics" London, routledge, 2008.
8. Meggison&Gitman "Principles of corporate finance" Australia Thomson 2007.
9. ProforTorry "globalization and finance" Blackwell Publishers London 2005

COURSE CONTENTS & LECTURE SCHEDULE

Module No.	Topic	No. of Lectures	Teaching Pedagogy	Teaching Aids
UNIT I INTRODUCTION				
1.1	Nature, Role and Structure of Financial Economics	2	Lecture	Black Board
1.2	Classification of Financial Institutions	2	Lecture	Black Board
1.3	Financial Instruments and Services	2	Lecture	Black Board
1.4	Role of Financial System in Economic Development.	1	Lecture	Black Board
1.5	Indian Financial Sector	2	Lecture	Black Board
UNIT II NON-BANKING FINANCIAL INSTITUTIONS				
2.1	Small Savings – Types of Instruments.	2	Chalk and Talk	Black Board
2.2	Insurance Companies	2	Chalk and Talk	Black Board
2.3	LIC – GIC – UTI and Mutual Fund – Organization	2	Chalk and Talk	Black Board
2.4	Structure – Types. Investment	1	Chalk and Talk	Black Board

2.5	Pattern and Return on Investment – Rural Financial Market	2	Chalk and Talk	Black Board
UNIT III TYPES OF MARKETS				
3.1	Financial Guarantees – Capital Market	2	Chalk and Talk	Black Board
3.2	Bond Market	2	Chalk and Talk	Black Board
3.3	Mortgage Market	2	Chalk and Talk	Black Board
3.4	Stock Market	1	Chalk and Talk	Black Board
3.5	Equity Market	2	Chalk and Talk	Black Board
UNIT IV TYPES OF MARKETS				
4.1	Money Market	2	Lecture	Black Board
4..2	Call Money Market	2	Lecture	Black Board
4..3	Commercial Paper	2	Lecture	Black Board
4..4	Certificate of Deposits	1	Lecture	Black Board
4..5	Discount Market	2	Lecture	Black Board
UNIT V: STOCK EXCHANGES IN INDIA				
5.1	NSE	2	Lecture	Black Board
5.2	BSE	2	Lecture	Black Board
5.3	SEBI	2	Lecture	Black Board
5.4	Primary and Secondary Issues of Shares and Debentures	1	Lecture	Black Board
5.5	Exchange Rates and Currency Convertibility	2	Lecture	Black Board

EVALUATION PATTERN

Levels	C1	C2	C3	C4	C5	Total Scholastic Marks	Non Scholastic Marks C6	CIA Total	% of Assessment
	T1	T2	Seminar	Assignment	OBT/ PPT				
	10 Mks.	10 Mks.	5 Mks.	5 Mks	5 Mks	35 Mks.	5 Mks.	40M ks.	
K2	4	4	-	-	-	8	-	8	20 %
K3	2	2	-	5	-	9	-	9	22.5 %
K4	2	2	-	-	5	9	-	9	22.5 %
K5	2	2	5	-	-	9	-	9	22.5 %
Non Scholastic	-	-	-	-	-		5	5	12.5 %
Total	10	10	5	5	5	35	5	40	100 %

CIA	
Scholastic	35
Non Scholastic	5
	40

EVALUATION PATTERN

SCHOLASTIC					NON - SCHOLASTIC	MARKS		
C1	C2	C3	C4	C5	C6	CIA	ESE	Total
10	10	5	5	5	5	40	60	100

SCHOLASTIC	NON - SCHOLASTIC	MARKS
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PG CIA Components

		Nos		
C1	- Test (CIA 1)	1	-	10 Mks
C2	- Test (CIA 2)	1	-	10 Mks
C3	- Assignment	2 *	-	5 Mks
C4	- Open Book Test/PPT	2 *	-	5 Mks
C5	- Seminar	1	-	5 Mks
C6	- Attendance		-	5 Mks

****The best out of two will be taken into account***

COURSE OUTCOMES

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

NO.	COURSE OUTCOMES	KNOWLEDGE LEVEL (ACCORDING TO REVISED BLOOM'S TAXONOMY)	PSOs ADDRESSED
CO 1	To make the students to understand the Financial System	K2	PSO1& PSO2
CO 2	To make aware of Money Market and Indian Stock Exchange.	K2, K3	PSO3
CO 3	To equip them to face IES, IAS exams and NET exam	K2, K4	PSO5

CO 4	To know the latest technology of financial system evaluate the .merits and demerits of online trading	K2, K3 & K4	PSO4
CO 5	To calculate the SENSEX in Financial system.	K3& K5	PSO4

Mapping COs Consistency with PSOs

CO/ PSO	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 PSOs	2.4	3	2	3	2.4

Strong-3 M-Medium-2 L-Low-1

Mapping COs Consistency with POs

CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	3	3	3	3	3
CO2	3	3	3	3	3	3	3	3
CO3	3	3	3	3	3	3	3	3
CO4	3	3	3	3	2	3	2	3
CO5	3	2	2	2	3	3	3	3
Weightage	15	14	14	14	14	15	14	15
Weighted percentage of course contribution to POS	3.00	2.8	2.8	2.8	2.8	3.00	2.8	3.00

S-Strong-3 M-Medium-2 L-Low-1

COURSE DESIGNER

DR.K.PRAVEENA

FORWARDED BY

DR.M.REGINA MARY
HEAD OF THE
DEPARTMENT

I MA ECONOMICS

II SEMESTER

(For those who joined in 2023 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	23PG2E4	MONETARY ECONOMICS	6	5

COURSE DESCRIPTION

Study of determinants of money supply, Non-banking financial institutions

COURSE OBJECTIVE/S

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.

Unit I: Classical Theories of Money

18 HRS

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

18 HRS

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

18 HRS

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

18 HRS

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- RaguramRajan Committee Report -2007.

Unit V: Monetary Policies

18 HRS

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 CONTENTS & LECTURE SCHEDULE

Mod ule No.	Topic	No. of Lec tur es	Teaching Pedagogy	Teaching Aids
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UNIT I Classical Theories of Money				
1.1	Demand for Money Quantity theories of money –	3	Lecture	Black Board
1.2	Fisher and Cambridge- Keynesian monetary theory-	2	Lecture	Black Board
1.3	James Tobin's portfolio analysis of money demand	3	Lecture	Black Board
1.4	- Don Patinkin's Integration–	2	Lecture	Black Board
1.5	Real Balance Effect	3	Lecture	Black Board
1.6	- Milton Friedman's reformulated quantity theory.	2	Lecture	Black Board
UNIT II Supply of Money				
2.1	Supply of Money	3	Chalk and Talk	Black Board
2.2	Types and determinants of money supply	2	Chalk and Talk	Black Board
2.3	money multiplier	3	Chalk and Talk	Black Board
2.4	Theories of interest rate	2	Chalk and Talk	Black Board
2.5	classical – Keynes	3	Chalk and Talk	Black Board
2.6	Hicks – Hansen	2	Chalk and Talk	Black Board
UNIT III Money and Capital Market				
3.1	Money and Capital Market.	3	Lecture	Black Board
3.2	Significance and functions of Money market and capital market-	3	Lecture	Black Board
3.3	Role of financial intermediaries –	3	Chalk & Talk	Black Board
3.4	Effects of financial intermediation-	3	Problem Solving	Black Board

3.5	Non-banking financial institutions – Gurley and Shaw theory	3	Lecture	Black Board
UNIT IV Banking and its functions				
4.1	Banking Functions of Commercial banks	3	Lecture	Black Board
4..2	Credit creation – process and limitations	3	Lecture	Black Board
4..3	Role of Commercial banks after nationalization – after reforms- Role of RBI –	3	Lecture	Black Board
4..4	Regulation of money supply and credit- Narasimham Committee Reports	3	Lecture	Black Board
4..5	– 1991 and 1998- RaguramRajan Committee Report -2007.	3	Lecture	Black Board
UNIT V: Monetary Policies				
5.1	Monetary Policy Objectives	3	Lecture	Black Board
5.2	Instruments of Monetary policy–	3	Lecture	Black Board
5.3	Limitations of monetary policy-	3	Lecture	Black Board
5.4	Monetarism and Keynesianism –	3	Lecture	Black Board
5.5	Comparison - Supply side policies.	3	Lecture	Black Board

EVALUATION PATTERN

Levels	C1	C2	C3	C4	C5	Total Schola stic Marks	Non Schola stic Marks C6	CIA Tota l	% of Assess ment
	T1	T2	Semi nar	Assign ment	OBT/ PPT				

	10 Mks.	10 Mks.	5 Mks.	5 Mks	5 Mks	35 Mks.	5 Mks.	40M ks.	
K2	4	4	-	-	-	8	-	8	20 %
K3	2	2	-	5	-	9	-	9	22.5 %
K4	2	2	-	-	5	9	-	9	22.5 %
K5	2	2	5	-	-	9	-	9	22.5 %
Non Schola stic	-	-	-	-	-		5	5	12.5 %
Total	10	10	5	5	5	35	5	40	100 %

CIA	
Scholastic	35
Non Scholastic	5
	40

EVALUATION PATTERN

SCHOLASTIC					NON - SCHOLASTIC	MARKS		
C1	C2	C3	C4	C5	C6	CIA	ESE	Total
10	10	5	5	5	5	40	60	100

PG CIA Components

Nos			
C1	-	Test (CIA 1)	1 - 10 Mks
C2	-	Test (CIA 2)	1 - 10 Mks

SCHOLASTIC	NON - SCHOLASTIC	MARKS
C3 - Assignment	2 *	- 5 Mks
C4 - Open Book Test/PPT	2 *	- 5 Mks
C5 - Seminar	1	- 5 Mks
C6 - Attendance		- 5 Mks

****The best out of two will be taken into account***

COURSE OUTCOMES

On completion of this course, students will be able to

NO.	COURSE OUTCOMES	KNOWLEDGE LEVEL (ACCORDING TO REVISED BLOOM'S TAXONOMY)	PSOs ADDRESSED
CO 1	To list out and outline the theories of money.	K1,K2,	PO1, PO3,PO8
CO 2	To explain construct and distinguish various determinate of money supply and multiplier.	K2,K3,K4,	PO1,PO2, PO3,PO8
CO 3	To label, explain and evaluate the capital market.	K1,K2,K5	PO1, PO2,PO3
CO 4	To define, illustrate and importance of banking sector.	K1,K2,K5,	PO1, PO2,PO3
CO 5	To interpret and make use of monetary policy.	K2,K3,	PO3,PO7,PO8

Mapping COs Consistency with PSOs

CO/ PSO	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 PSOs	3.0	3.0	3.0	3.0	3.0

Strong-3 M-Medium-2 L-Low-1

Mapping COs Consistency with POs

CO/ PO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO1	3	3	3	3	3	3	3	3
CO2	3	3	3	3	3	3	3	3
CO3	3	3	3	3	3	3	3	3
CO4	3	3	3	3	2	3	2	3
CO5	3	2	2	2	3	3	3	3
Weightage	15	14	14	14	14	15	14	15
Weighted percentage of course contribution to POS	3.00	2.8	2.8	2.8	2.8	3.00	2.8	3.00

S-Strong-3 M-Medium-2 L-Low-1

COURSE DESIGNER

DR.M.REGINA MARY

HEAD OF THE DEPARTMENT

DR.M.REGINA MARY

II SEMESTER

(For those who joined in 2023 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	23PG2E5	LABOUR ECONOMICS	6	5

COURSE DESCRIPTION

Study of Demand for Labour in relation to size and pattern of investment

COURSE OBJECTIVE/S

1. To enable and acquire the knowledge the relating to the significance of labour market
2. To understand the man power in Economic Development

Unit I: Labour Market and Policies

18 HRS

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

18 HRS

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

18 HRS

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

18 HRS

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

Unit V: Social Security and Reforms

18 HRS

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, Globalisation 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..](https://fac.ksu.edu.sa/sites/default/files/Moder..)
2. [http://students.aiu.edu > resources > onlineBook > q...](http://students.aiu.edu/resources/onlineBook/q...)
3. [http://assets.vmu.ac.in > PGDLL06](http://assets.vmu.ac.in/PGDLL06)

COURSE CONTENTS & LECTURE SCHEDULE

Mod ule No.	Topic	No. of Lec tur es	Teaching Pedagogy	Teaching Aids
UNIT I Labour Market and Policies				
1.1	Labour Market- Nature and Characteristics,	3	Lecture	Black Board
1.2	Demand for Labour in relation to size and pattern of investment,	2	Lecture	Black Board
1.3	Choice of technologies and labour policies Supply of Labour,	3	Lecture	Black Board
1.4	Growth of Labour Force, Labour	2	Lecture	Black Board
1.5	Market Policies,	3	Lecture	Black Board
1.6	Mobility and Productivity	2	Lecture	Black Board
UNIT II Employment and Wage Determination				
2.1	Employment and Development relationship-	3	Chalk and Talk	Black Board
2.2	poverty and unemployment, Unemployment-	2	Chalk and Talk	Black Board

2.3	Types, concepts and measurement, Employment Policy Wage Determination-	3	Chalk and Talk	Black Board
2.4	Classical, Neo-classical and Bargaining theories	2	Chalk and Talk	Black Board
2.5	Concepts of minimum wage and efficiency wage;	3	Chalk and Talk	Black Board
2.6	Non-wage component	2	Chalk and Talk	Black Board
UNIT III Trade Union Movement				
3.1	Since Independence and Present Scenario of the Trade Union Movement–	3	Lecture	Black Board
3.2	AITUC – INTUC – HMS – UTUC – Association of Indian Trade Unions with International Trade Unions –	3	Lecture	Black Board
3.3	Problems of Trade Unions – Essentials for success of a Trade Union -	3	Chalk & Talk	Black Board
3.4	The Trade Union Act, 1926-	3	Problem Solving	Black Board
3.5	Recent policies relating to Trade union act	3	Lecture	Black Board
UNIT IV Industrial Relation				
4.1	Need for Industrial Relation Machinery- Preventive and Curative methods-	3	Lecture	Black Board
4..2	Collective Bargaining,	3	Lecture	Black Board
4..3	Arbitration and Adjudications- industrial Democracy,	3	Lecture	Black Board
4..4	the concept of Workers participation in management-	3	Lecture	Black Board
4..5	Role of State in Industrial Relations.	3	Lecture	Black Board

UNIT V: Social Security and Reforms						
5.1	Social Security- evolution, Social assistance and insurance,.	3	Lecture	Black Board		
5.2	Review and Appraisal of State Policies, Special Problems- Child labour, discrimination,	3	Lecture	Black Board		
5.3	bonded labour-Labour market Reforms-	3	Lecture	Black Board		
5.4	Exit Policy, safety requirements, National Commission on Labour,	3	Lecture	Black Board		
5.5	Globalisation and labour markets, mobility of labour	3	Lecture	Black Board		

EVALUATION PATTERN

Levels	C1	C2	C3	C4	C5	Total Scholastic Marks	Non Scholastic Marks C6	CIA Total 1	% of Assessment
	T1	T2	Seminar	Assignment	OBT/ PPT				
	10 Mks.	10 Mks.	5 Mks.	5 Mks	5 Mks	35 Mks.	5 Mks.	40M ks.	
K2	4	4	-	-	-	8	-	8	20 %
K3	2	2	-	5	-	9	-	9	22.5 %
K4	2	2	-	-	5	9	-	9	22.5 %
K5	2	2	5	-	-	9	-	9	22.5 %

Non Scholastic	-	-	-	-	-		5	5	12.5 %
Total	10	10	5	5	5	35	5	40	100 %

CIA	
Scholastic	35
Non Scholastic	5
	40

EVALUATION PATTERN

SCHOLASTIC					NON - SCHOLASTIC	MARKS		
C1	C2	C3	C4	C5	C6	CIA	ESE	Total
10	10	5	5	5	5	40	60	100

PG CIA Components

				Nos				
C1	-	Test (CIA 1)		1	-	10 Mks		
C2	-	Test (CIA 2)		1	-	10 Mks		
C3	-	Assignment		2 *	-	5 Mks		
C4	-	Open Book Test/PPT		2 *	-	5 Mks		
C5	-	Seminar		1	-	5 Mks		
C6	-	Attendance			-	5 Mks		

****The best out of two will be taken into account***

COURSE OUTCOMES

On completion of this course, students will be able to

NO.	COURSE OUTCOMES	KNOWLEDGE LEVEL (ACCORDING TO REVISED BLOOM'S TAXONOMY)	PSOs ADDRESSED
CO 1	study the recent trends of labour and their productivity	K1, K3, K4	PO1, PO3,PO8
CO 2	assess the determination of employment and wages	K3,K4	PO1,PO2, PO3,PO8
CO 3	Understand the trade unions and their impact on labour market	K1, K4,K5	PO1, PO2,PO3
CO 4	evaluate the Industrial relation	K3,K4	PO1, PO2,PO3
CO 5	analyze the current trends of social security measures	K1,K4,K5	PO3,PO7,PO8

Mapping COs Consistency with PSOs

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

Strong-3 M-Medium-2 L-Low-1

Mapping COs Consistency with POs

CO/ PO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO1	3	3	3	3	3	3	3	3
CO2	3	3	3	3	3	3	3	3
CO3	3	3	3	3	3	3	3	3

CO4	3	3	3	3	2	3	2	3
CO5	3	2	2	2	3	3	3	3
Weightage	15	14	14	14	14	15	14	15
Weighted percentage of course contribution to POS	3.00	2.8	2.8	2.8	2.8	3.00	2.8	3.00

S-Strong-3

M-Medium-2 L-Low-1

COURSE DESIGNER

DR.S.IVY JENO

HEAD OF THE DEPARTMENT

DR.M.REGINA MARY

I MA ECONOMICS

II SEMESTER

(For those who joined in 2023 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	23PG2E6	MATHEMATICAL ECONOMICS	6	4

COURSE DESCRIPTION

Study of Introduction to Functions, Limits and Continuity

COURSE OBJECTIVE/S

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.

Unit I: Introduction to Linear Algebra

18 HRS

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

18 HRS

Introduction to Functions, Limits and Continuity, Derivatives –Concept of maxima & 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

18 HRS

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

18 HRS

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

18 HRS

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 CONTENTS & LECTURE SCHEDULE

Mod ule No.	Topic	No. of Lec tur es	Teaching Pedagogy	Teaching Aids
UNIT I Introduction to Linear Algebra				
1.1	Sets-Basic concepts-Ordered sets-Relations-	3	Lecture	Black Board
1.2	Order relations-Metric Spaces-open and closed sets-	2	Lecture	Black Board
1.3	Convergence - Linear Algebra , Vectors, matrices, inverse, simultaneous linear equations,	3	Lecture	Black Board
1.4	Cramer's rule for solving system of linear equations, input-output model,	2	Lecture	Black Board
1.5	Hawkins - Simon condition, open and closed models , quadratic equation,	3	Lecture	Black Board
1.6	characteristic (eigen) roots and vectors	2	Lecture	Black Board
UNIT II Differential Calculus				
2.1	Introduction to Functions, Limits and Continuity,	3	Chalk and Talk	Black Board

2.2	Derivatives –Concept of maxima& minima, elasticity and point of inflection.	2	Chalk and Talk	Black Board
2.3	Profit & revenue maximization under perfect competition, under monopoly.	3	Chalk and Talk	Black Board
2.4	Maximizing excise tax revenue in	2	Chalk and Talk	Black Board
2.5	monopolistic competitive market,	3	Chalk and Talk	Black Board
2.6	Minimization of cost etc.	2	Chalk and Talk	Black Board
UNIT III Optimization Techniques with Constraints				
3.1	Functions of several variables, Partial and total, economic applications, implicit function theorem,	3	Lecture	Black Board
3.2	higher order derivatives and Young's theorem, properties of linear homogenous functions, Euler's theorem, Cobb – Douglas Production Function -	3	Lecture	Black Board
3.3	Constrained Optimization- Lagrangian Multiplier Technique-	3	Chalk & Talk	Black Board
3.4	Vector and Matrix Differentiation - Jacobian and Hessian Matrices- Applications-	3	Problem Solving	Black Board
3.5	Utility maximization, Profit maximization and Cost minimization	3	Lecture	Black Board
UNIT IV Linear and Non-Linear Programming				
4.1	Optimization with Inequality Constraints-	3	Lecture	Black Board
4..2	Linear Programming	3	Lecture	Black Board

4..3	Formulation-Primal and Dual- Graphical and Simplex method-Duality Theorem-	3	Lecture	Black Board
4..4	Non-Linear Programming-	3	Lecture	Black Board
4..5	Kuhn-Tucker Conditions- Economic Applications.	3	Lecture	Black Board
UNIT V: Economic Dynamics				
5.1	Differential Equations-Basic Ideas- Types-Solution of Differential Equations (Homogenous and Exact)-	3	Lecture	Black Board
5.2	Linear Differential Equations with Constant Coefficients (First and Second Order)- Applications- Solow's Model-.	3	Lecture	Black Board
5.3	Harrod-Domar Model-Applications to Market models- Difference Equations - Types-	3	Lecture	Black Board
5.4	Linear Difference Equations with Constant Coefficients (First and Second order) and solutions – Applications-	3	Lecture	Black Board
5.5	Samuelson's Accelerator-Multiplier model-Cobweb model	3	Lecture	Black Board

EVALUATION PATTERN

Levels	C1	C2	C3	C4	C5	Total Schola stic Marks	Non Schola stic Marks C6	CIA Tota l	% of Assess ment
	T1	T2 10 Mks. s.	Semi nar 5 Mks.	Assign ment 5 Mks	OBT/ PPT 5 Mks	35 Mks.	5 Mks.	40M ks.	

	10 Mks.								
K2	4	4	-	-	-	8	-	8	20 %
K3	2	2	-	5	-	9	-	9	22.5 %
K4	2	2	-	-	5	9	-	9	22.5 %
K5	2	2	5	-	-	9	-	9	22.5 %
Non Schola stic	-	-	-	-	-		5	5	12.5 %
Total	10	10	5	5	5	35	5	40	100 %

CIA	
Scholastic	35
Non Scholastic	5
	40

EVALUATION PATTERN

SCHOLASTIC					NON - SCHOLASTIC	MARKS		
C1	C2	C3	C4	C5	C6	CIA	ESE	Total
10	10	5	5	5	5	40	60	100

PG CIA Components

				Nos				
C1	-	Test (CIA 1)	1	-	10 Mks			
C2	-	Test (CIA 2)	1	-	10 Mks			
C3	-	Assignment	2 *	-	5 Mks			
C4	-	Open Book Test/PPT	2 *	-	5 Mks			

SCHOLASTIC	NON - SCHOLASTIC	MARKS
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C5 - Seminar 1 - 5 Mks

C6 - Attendance - 5 Mks

****The best out of two will be taken into account***

COURSE OUTCOMES

On completion of this course, students will be able to

NO.	COURSE OUTCOMES	KNOWLEDGE LEVEL (ACCORDING TO REVISED BLOOM'S TAXONOMY)	PSOs ADDRESSED
CO 1	Understand the mathematical structure of standard economic theoretical framework	K1, K2, K4	PO1, PO3,PO8
CO 2	Equip students with mathematical tools to solve optimization problems appear in economic theory	K2, K4, K5	PO1,PO2, PO3,PO8
CO 3	Equip students with tools to read the technical writing appear in standard economic journals	K1, K3, K4	PO1, PO2,PO3
CO 4	analyse the dynamics of macroeconomic policies in an economy	K1, K2, K4	PO1, PO2,PO3
CO 5	analyse mathematically the dynamics of the growth process in an economy	K3, K2,K5	PO3,PO7,PO8

Mapping COs Consistency with PSOs

CO/ PSO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3

C04	3	3	3	3	3
C05	3	3	3	3	3
Weightage	15	15	15	15	15
Weighted percentage of Course Contribution to PSOs	3	3	3	3	3

Strong-3 M-Medium-2 L-Low-1

Mapping COs Consistency with POs

CO/ PO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
C01	3	3	3	3	3	3	3	3
C02	3	3	3	3	3	3	3	3
C03	3	3	3	3	3	3	3	3
C04	3	3	3	3	2	3	2	3
C05	3	2	2	2	3	3	3	3
Weightage	15	14	14	14	14	15	14	15
Weighted percentage of course contribution to POS	3.00	2.8	2.8	2.8	2.8	3.00	2.8	3.00

S-Strong-3 M-Medium-2 L-Low-1

COURSE DESIGNER

DR.P.ANITA

HEAD OF THE DEPARTMENT

DR.M.REGINA MARY

I MA ECONOMICS

II SEMESTER

(For those who joined in 2023 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	23PG2EE5	GENDER ECONOMICS	4	3

COURSE DESCRIPTION

Study of Objectives of Gender Studies

COURSE OBJECTIVE/S

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.

Unit I: Introduction

12 HRS

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

12 HRS

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

Unit III: Social Empowerment

12 HRS

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

Unit IV: Economic Empowerment

12 HRS

Introduction - 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

12 HRS

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

1. <https://www.academia.edu> > 9 Ch 1 Gender Economi...
2. <https://ftp.iza.org> > .
3. <https://www.oecd.org> > derec > worldbankgroup

COURSE CONTENTS & LECTURE SCHEDULE

Mod ule No.	Topic	No. of Lec tur es	Teaching Pedagogy	Teaching Aids
UNIT I Introduction				
1.1	Definition- Objectives of Gender Studies - Importance of gender Studies -	3	Lecture	Black Board
1.2	Women and work: unpaid, underpaid and casual work - -	2	Lecture	Black Board
1.3	Women in primary, secondary and tertiary sectors	3	Lecture	Black Board
1.4	Classification of work in Indian census and NSSO – Main workers, marginal workers, non-workers -	2	Lecture	Black Board

1.5	Invisibility of women's work, problems in measurement -	3	Lecture	Black Board
1.6	Non-recognition of women's work in national income accounting	2	Lecture	Black Board
UNIT II Gender Inequality in Labor Market				
2.1	Segmented Labor Market and Occupational Segregation -	3	Chalk and Talk	Black Board
2.2	Gendered jobs and Social Inequality - Sex Segregation at Work Place -	2	Chalk and Talk	Black Board
2.3	Globalisation and its impact on gender - Issues of wage discrimination and exploitation in unorganised sector -	3	Chalk and Talk	Black Board
2.4	Women's participation in organised sector -	2	Chalk and Talk	Black Board
2.5	Gender Discrimination -	3	Chalk and Talk	Black Board
2.6	Gender issues at the work place	2	Chalk and Talk	Black Board
UNIT III Social Empowerment				
3.1	Women in Higher Education -	3	Lecture	Black Board
3.2	Gender issues in Health, Environment,	3	Lecture	Black Board
3.3	Family welfare Measures	3	Chalk & Talk	Black Board
3.4	Indecent representation of Women in media	3	Problem Solving	Black Board
3.5	Women in Difficult circumstances; Constitutional.	3	Lecture	Black Board
UNIT IV Economic Empowerment				
4.1	Introduction - organized sector, unorganized sector	3	Lecture	Black Board
4..2	Role of Women in Economic Development –	3	Lecture	Black Board

4..3	Female Poverty and Poverty alleviation programmes - Status of Women farmers and land rights -	3	Lecture	Black Board
4..4	Women Entrepreneurs - Impact of Globalization on working women -	3	Lecture	Black Board
4..5	National Policy for the empowerment of women 2001.	3	Lecture	Black Board
UNIT V: Social issues and Women in Indian Planning				
5.1	Issues in the Unorganized sector of Employment -.	3	Lecture	Black Board
5.2	Women's work: Status and problems - problems of Dalit women -	3	Lecture	Black Board
5.3	Invisibility of women in official data system -	3	Lecture	Black Board
5.4	Absence of gender disaggregated data -	3	Lecture	Black Board
5.5	Initiatives towards recognition of women as agents of development from sixth five year plan	3	Lecture	Black Board

EVALUATION PATTERN

Levels	C1	C2	C3	C4	C5	Total Scholastic Marks	Non Scholastic Marks C6	CIA Total	% of Assessment
	T1	T2	Seminar	Assignment	OBT/PPT				
	10 Mks.	10 Mks.	5 Mks.	5 Mks	5 Mks	35 Mks.	5 Mks.	40Mks.	
K2	4	4	-	-	-	8	-	8	20 %

K3	2	2	-	5	-	9	-	9	22.5 %
K4	2	2	-	-	5	9	-	9	22.5 %
K5	2	2	5	-	-	9	-	9	22.5 %
Non Scholastic	-	-	-	-	-		5	5	12.5 %
Total	10	10	5	5	5	35	5	40	100 %

CIA	
Scholastic	35
Non Scholastic	5
	40

EVALUATION PATTERN

SCHOLASTIC					NON - SCHOLASTIC	MARKS		
C1	C2	C3	C4	C5	C6	CIA	ESE	Total
10	10	5	5	5	5	40	60	100

PG CIA Components

				Nos				
C1	-	Test (CIA 1)		1	-	10 Mks		
C2	-	Test (CIA 2)		1	-	10 Mks		
C3	-	Assignment		2 *	-	5 Mks		
C4	-	Open Book Test/PPT		2 *	-	5 Mks		
C5	-	Seminar		1	-	5 Mks		
C6	-	Attendance			-	5 Mks		

****The best out of two will be taken into account***

COURSE OUTCOMES

On completion of this course, students will be able to

NO.	COURSE OUTCOMES	KNOWLEDGE LEVEL (ACCORDING TO REVISED BLOOM'S TAXONOMY)	PSOs ADDRESSED
CO 1	Understand the Gendered jobs and Social Inequality	K1, K3	PO1, PO3,PO8
CO 2	describes the Issues of wage discrimination and exploitation in unorganised sector	K3,K4	PO1,PO2, PO3,PO8
CO 3	Explain the Gender issues in Health, Environment, Family welfare Measures	K4,K5	PO1, PO2,PO3
CO 4	Evaluate the Impact of Globalization on working women and National Policy for the empowerment of women 2001	K1, K3,K4	PO1, PO2,PO3
CO 5	Assess the Initiatives towards recognition of women as agents of development from sixth five year plan.	K1,K4,K5	PO3,PO7,PO8

Mapping COs Consistency with PSOs

CO/ PSO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	3	3	3	2
CO2	2	2	2	3	2
CO3	3	2	3	3	2
CO4	2	2	2	2	3
CO5	3	2	3	2	3
Weightage	12	11	14	15	12

Weighted percentage of Course Contribution to PSOs	2	3	3	3	2
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Strong-3 M-Medium-2 L-Low-1

Mapping COs Consistency with POs

CO/ PO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO1	3	3	3	3	3	3	3	3
CO2	3	3	3	3	3	3	3	3
CO3	3	3	3	3	3	3	3	3
CO4	3	3	3	3	2	3	2	3
CO5	3	2	2	2	3	3	3	3
Weightage	15	14	14	14	14	15	14	15
Weighted percentage of course contribution to POS	3.00	2.8	2.8	2.8	2.8	3.00	2.8	3.00

S-Strong-3 M-Medium-2 L-Low-1

COURSE DESIGNER

DR.M.REGINA MARY

HEAD OF THE DEPARTMENT

DR.M.REGINA MARY

I MA ECONOMICS

I SEMESTER

(For those who joined in 2023 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	23PG2EE6	URBAN ECONOMICS	4	3

COURSE DESCRIPTION

Study of Trends in growth of urban population in the world

COURSE OBJECTIVE/S

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.

Unit I: Introduction

12 HRS

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

12 HRS

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

12 HRS

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

12 HRS

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

12 HRS

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.ysk-books.com> > show > book > regional-a..

COURSE CONTENTS & LECTURE SCHEDULE

Module No.	Topic	No. of Lectures	Teaching Pedagogy	Teaching Aids
UNIT I				
1.1	Introduction 12 HRS Definition and Scope of Urban Economics	3	Lecture	Black Board
1.2	Sources of Urban Growth –International migration, Trends in growth of urban population in the world	2	Lecture	Black Board
1.3	Urban reclassification and physical expansion of urban boundaries –	2	Lecture	Black Board
1.4	Urbanization and agglomeration economies –.	3	Lecture	Black Board

1.5	industrialization and services sector growth –	2	Lecture	Black Board
1.6	Urbanization and urban economic growth –	2	Lecture	Black Board
1.7	Urbanization and globalization	2	Lecture	Black Board
UNIT II Economics of Urbanization				
2.1	The Process of urbanization: Nature and dimensions, factors initiating and perpetuating urbanization process -	1	Chalk and Talk	Black Board
2.2	Characteristics of an economy passing through different stages of urbanization	2	Chalk and Talk	Black Board
2.3	Classification of urban areas by demographic	2	Chalk and Talk	Black Board
2.4	geographical and	1	Chalk and Talk	Black Board
2.5	economic criteria	4	Chalk and Talk	Black Board
2.6	Process of sub-urbanization	2	Chalk and Talk	Black Board
UNIT III Theories of Urban Growth and spatial structure				
3.1	Christaller's Central Place Theory - The Human Ecological Approach to Urban Growth	1	Lecture	Black Board
3.2	Urban Size: Ratchet-Rank Size Rule - Migration and urban economic growth:	2	Lecture	Black Board
3.3	Harris-Todaro Model – Concepts of City Structure	2	Chalk & Talk	Black Board
3.4	The Minimization of Costs of Friction Hypothesis -Location Equilibrium of an Urban Firm - The Concentric Zone Hypothesis	2	Problem Solving	Black Board
3.5	Urban Residential Land Use Models: Alonso, Muth, Siegel, Park Burgess.	2	Lecture	Black Board
UNIT IV Urbanization and Labour Market				
4.1	Urbanisation and Labour Market - Pull and Push Factors for Urbanisation in India -	1	Lecture	Black Board

4..2	High Wages and Improved Infrastructure -	1	Lecture	Black Board
4..3	Employment Opportunities and Educational facilities -	2	Lecture	Black Board
4..4	Growth of formal and Informal economic activities -	2	Lecture	Black Board
4..5	Labour Force Participation and Distribution of Workers	3	Lecture	Black Board

UNIT V: Urban Problems and Urban Planning

5.1	Over Population and congestion - Urban housing problem -	3	Lecture	Black Board
5.2	Urban environment: Air, Water and Noise Pollution - Urban poverty and inequality -	1	Lecture	Black Board
5.3	Urban Infrastructure: transport Water Supply, Sanitation and Solid waste management -	4	Lecture	Black Board
5.4	Need for Urban Planning: Objectives and Techniques - Emerging Planning Process -	1	Lecture	Black Board
5.5	Comprehensive Development Plan – Master Plan – Jawaharlal Nehru National Urban Renewal Mission - Smart Cities	2	Lecture	Black Board

EVALUATION PATTERN

Levels	C1	C2	C3	C4	C5	Total Scholastic Marks	Non Scholastic Marks C6	CIA Total 1	% of Assessment
	T1	T2	Seminar	Assignment	OBT/ PPT				

	10 Mks.	10 Mks.	5 Mks.	5 Mks	5 Mks	35 Mks.	5 Mks.	40M ks.	
K2	4	4	-	-	-	8	-	8	20 %
K3	2	2	-	5	-	9	-	9	22.5 %
K4	2	2	-	-	5	9	-	9	22.5 %
K5	2	2	5	-	-	9	-	9	22.5 %
Non Schola stic	-	-	-	-	-		5	5	12.5 %
Total	10	10	5	5	5	35	5	40	100 %

CIA	
Scholastic	35
Non Scholastic	5
	40

EVALUATION PATTERN

SCHOLASTIC					NON - SCHOLASTIC	MARKS		
C1	C2	C3	C4	C5	C6	CIA	ESE	Total
10	10	5	5	5	5	40	60	100

PG CIA Components

Nos			
C1	-	Test (CIA 1)	1 - 10 Mks
C2	-	Test (CIA 2)	1 - 10 Mks

SCHOLASTIC		NON - SCHOLASTIC	MARKS	
C3	- Assignment	2 *	-	5 Mks
C4	- Open Book Test/PPT	2 *	-	5 Mks
C5	- Seminar	1	-	5 Mks
C6	- Attendance		-	5 Mks

****The best out of two will be taken into account***

COURSE OUTCOMES

On completion of this course, students will be able to

NO.	COURSE OUTCOMES	KNOWLEDGE LEVEL (ACCORDING TO REVISED BLOOM'S TAXONOMY)	PSOs ADDRESSED
CO 1	understand scope of urban economics and urban economic growth	K1, K2, K3	PO1, PO3,PO8
CO 2	Describe the process of urbanisation and classification of urban areas	K3, K5	PO1,PO2, PO3,PO8
CO 3	Evaluate the various theories of urban growth and spatial structure	K2, K4	PO1, PO2,PO3
CO 4	Explain the urban Labour Market, Labour Force Participation and Distribution of Workers	K1, K2	PO1, PO2,PO3
CO 5	Familiarize the urban problems and planning process.	K1, K4, K5	PO3,PO7,PO8

Mapping COs Consistency with PSOs

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

Strong-3 M-Medium-2 L-Low-1

Mapping COs Consistency with POs

CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	3	3	3	3	3
CO2	3	3	3	3	3	3	3	3
CO3	3	3	3	3	3	3	3	3
CO4	3	3	3	3	2	3	2	3
CO5	3	2	2	2	3	3	3	3
Weightage	15	14	14	14	14	15	14	15
Weighted percentage of course contribution to POS	3.00	2.8	2.8	2.8	2.8	3.00	2.8	3.00

S-Strong-3 M-Medium-2 L-Low-1

COURSE DESIGNER
MRS.A.GRACY RANI

HEAD OF THE DEPARTMENT
DR.M.REGINA MARY

I MA ECONOMICS – SEMESTER II

(For those who joined in 2023 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	23PG2EE7	RESOURCE ECONOMICS	4	3

COURSE DESCRIPTION

Study of Land degradation and soil Erosion

COURSE OBJECTIVE/S

1. To trace the resources in the country
2. To understand the quality of the available natural resources.

Unit I: Introduction

12 HRS

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 12 HRS

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 12 HRS

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 12 HRS

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 12 HRS

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 CONTENTS & LECTURE SCHEDULE

Module No.	Topic	No. of Lectures	Teaching Pedagogy	Teaching Aids
UNIT I Introduction				
1.1	Land Resources in India - Types of soil- Land resource Classification -	3	Lecture	Black Board
1.2	Forest ,Barren land, Pastures and grazing land.	2	Lecture	Black Board
1.3	cultural Waste Land, Fallow Land,	2	Lecture	Black Board
1.4	Agricultural Land - -	3	Lecture	Black Board
1.5	Net Sown Area	2	Lecture	Black Board
1.6	Land degradation and soil Erosion-	2	Lecture	Black Board
1.7	Preventive Measures	2	Lecture	Black Board
UNIT II Role of Resources in Economic Development				
2.1	Forest Resources-Role of Forests in Economic Development-	1	Chalk and Talk	Black Board
2.2	Forest cover in India- Deforestation- Effects of Deforestation-	2	Chalk and Talk	Black Board
2.3	Urban Forestry - Objectives of Urban Forestry-	2	Chalk and Talk	Black Board
2.4	Social Forestry-Constraints in Social Forestry -	1	Chalk and Talk	Black Board
2.5	Collective Participatory Forest Management –	4	Chalk and Talk	Black Board
2.6	Recent National Forest Policy Act	2	Chalk and Talk	Black Board
UNIT III Water Resources in India				
3.1	Water Resources in India -Surface Water –Ground Water –	1	Lecture	Black Board
3.2	Water Demand and Utilisation- Water Resource Planning- Multi –objective Approach-	2	Lecture	Black Board
3.3	Benefit Cost Ratio-Capital outlay- Environmental Impact Assessment (EIA)-	2	Chalk & Talk	Black Board

3.4	Manageability of the project- Sustainable Water Management-	2	Problem Solving	Black Board
3.5	Recent National Water Policy	2	Lecture	Black Board
UNIT IV Mineral Resources				
4.1	Mineral Resources- Metallic Minerals- Non Metallic Minerals –	1	Lecture	Black Board
4..2	Mineral Fuels-	1	Lecture	Black Board
4..3	Environmental Costs of Extracting Mineral Resources-	2	Lecture	Black Board
4..4	Environmental Impacts of Mineral Resource Extraction and Use-	2	Lecture	Black Board
4..5	Mineral Conservation and Development Rules (1988)	3	Lecture	Black Board
UNIT V: Conservation and Management of Natural Resources				
5.1	Conservation and Management of Natural Resources -	3	Lecture	Black Board
5.2	Meaning and objectives of Conservation.	1	Lecture	Black Board
5.3	Conservation of Renewable Resources: Soil conservation- Water conservation- Forests conservation-	4	Lecture	Black Board
5.4	Fish Conservation-Biodiversity Conservation. Conservation of Non Renewable Resources:	1	Lecture	Black Board
5.5	Energy Conservation-Mineral Conservation	2	Lecture	Black Board

EVALUATION PATTERN

Levels	C1	C2	C3	C4	C5	Total Schola stic Marks	Non Schola stic Marks C6	CIA Tota 1	% of Assess ment
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	T1	T2	Semi nar	Assign ment	OBT/ PPT				
	10 Mk s.	10 Mk s.	5 Mks.	5 Mks	5 Mks	35 Mks.	5 Mks.	40M ks.	
K2	4	4	-	-	-	8	-	8	20 %
K3	2	2	-	5	-	9	-	9	22.5 %
K4	2	2	-	-	5	9	-	9	22.5 %
K5	2	2	5	-	-	9	-	9	22.5 %
Non Schola stic	-	-	-	-	-		5	5	12.5 %
Total	10	10	5	5	5	35	5	40	100 %

CIA	
Scholastic	35
Non Scholastic	5
	40

EVALUATION PATTERN

SCHOLASTIC					NON - SCHOLASTIC	MARKS		
C1	C2	C3	C4	C5	C6	CIA	ESE	Total
10	10	5	5	5	5	40	60	100

PG CIA Components

Nos

C1 - Test (CIA 1) 1 - 10 Mks

SCHOLASTIC		NON - SCHOLASTIC	MARKS	
C2	- Test (CIA 2)	1	-	10 Mks
C3	- Assignment	2 *	-	5 Mks
C4	- Open Book Test/PPT	2 *	-	5 Mks
C5	- Seminar	1	-	5 Mks
C6	- Attendance		-	5 Mks

****The best out of two will be taken into account***

COURSE OUTCOMES

On completion of this course, students will be able to

NO.	COURSE OUTCOMES	KNOWLEDGE LEVEL (ACCORDING TO REVISED BLOOM'S TAXONOMY)	PSOs ADDRESSED
CO 1	Ability to understand land resources in India and the issues related to it	K ₁ , K ₂ , K ₃ K ₄	PO1, PO3,PO8
CO 2	Assess the availability of Forest resources and understand the methods to conserve the resources	K ₁ ,K ₂ , K ₃ K ₄	PO1,PO2, PO3,PO8
CO 3	Understand the water resources in the country and related environmental issues	K ₁ ,K ₂ , K ₃ K ₄	PO1, PO2,PO3
CO 4	Trace the mineral resources in the country	K ₁ , K ₂ , K ₃ K ₄	PO1, PO2,PO3
CO 5	Ability to know about conservation of Natural Resources	K ₁ ,K ₂ ,K ₃ ,K ₄	PO3,PO7,PO8

Mapping COs Consistency with PSOs

CO/ PSO	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 PSOs	3	3	3	3	3

Strong-3 M-Medium-2 L-Low-1

Mapping COs Consistency with POs

CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	3	3	3	3	3
CO2	3	3	3	3	3	3	3	3
CO3	3	3	3	3	3	3	3	3
CO4	3	3	3	3	2	3	2	3
CO5	3	2	2	2	3	3	3	3
Weightage	15	14	14	14	14	15	14	15
Weighted percentage of course contribution to POS	3.00	2.8	2.8	2.8	2.8	3.00	2.8	3.00

S-Strong-3 M-Medium-2 L-Low-1

COURSE DESIGNER

DR.K.PRAVEENA

HEAD OF THE DEPARTMENT

DR.M.REGINA MARY

FIRST YEAR –SEMESTER- II

I MA ECONOMICS

(For those who joined in 2023 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	23PG2EE3	ECONOMICS OF CLIMATE CHANGE	4	3

COURSE DESCRIPTION

Study of climate change; global and regional climate predictions

COURSE OBJECTIVE/S

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 intertemporal setting and in the presence of uncertainty and irreversibility.

Unit I:Introduction

12 HRS

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

12 HRS

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

12 HRS

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

12 HRS

Module No.	Topic	No. of Lectures	Teaching Pedagogy	Teaching Aids
UNIT I	Introduction			
1.1	Science of climate change;	3	Lecture	Black Board
1.2	global and regional climate predictions;	2	Lecture	Black Board
1.3	uncertainty in science;	2	Lecture	Black Board
1.4	physical impacts of climate change – agriculture.	3	Lecture	Black Board
1.5	, sea level rise,	2	Lecture	Black Board

1.6	health, extreme events;	2	Lecture	Black Board
1.7	policy debate	2	Lecture	Black Board
UNIT II Climate Change Policy - Mitigation				
2.1	Efficiency, public goods, externalities;	1	Chalk and Talk	Black Board
2.2	environmental policy instruments –;	2	Chalk and Talk	Black Board
2.3	emissions trading, carbon tax,	2	Chalk and Talk	Black Board
2.4	emission trading versus tax;	1	Chalk and Talk	Black Board
2.5	stock pollutants and discounting;	4	Chalk and Talk	Black Board
2.6	decisions under risk and uncertainty	2	Chalk and Talk	Black Board
UNIT III Integrated Assessment				
3.1	Costs and benefits of greenhouse gas mitigation;.	1	Lecture	Black Board
3.2	integrated assessment models;	2	Lecture	Black Board
3.3	simulation exercises based on DICE model and its variants;	2	Chalk & Talk	Black Board
3.4	sensitivity and uncertainty analysis;	2	Problem Solving	Black Board
3.5	Stern review	2	Lecture	Black Board
UNIT IV Climate Change Policy – Adaptation				
4.1	Climate change impact assessment – applications for agriculture,	1	Lecture	Black Board
4..2	sea level rise and health; vulnerability assessment;	1	Lecture	Black Board
4..3	economics of adaptation;	2	Lecture	Black Board
4..4	measurement of adaptation cost;	2	Lecture	Black Board
4..5	issues in financing adaptation.	3	Lecture	Black Board
UNIT V: Climate Change Negotiations and Equity				
5.1	Criteria for distribution of emission reduction burden;	3	Lecture	Black Board

5.2	distribution criteria for adaptation fund;	1	Lecture	Black Board
5.3	inter generational equity issues	4	Lecture	Black Board
5.4	intra-generational equity issues;	1	Lecture	Black Board
5.5	discounting in climate change context	2	Lecture	Black Board

EVALUATION PATTERN

Levels	C1	C2	C3	C4	C5	Total Scholastic Marks	Non Scholastic Marks C6	CIA Total 1	% of Assessment
	T1 10 Mks.	T2 10 Mks.	Seminar 5 Mks.	Assignment 5 Mks	OBT/PPT 5 Mks	35 Mks.	5 Mks.	40 Mks.	
K2	4	4	-	-	-	8	-	8	20 %
K3	2	2	-	5	-	9	-	9	22.5 %
K4	2	2	-	-	5	9	-	9	22.5 %
K5	2	2	5	-	-	9	-	9	22.5 %
Non Scholastic	-	-	-	-	-		5	5	12.5 %
Total	10	10	5	5	5	35	5	40	100 %

CIA	
Scholastic	35

Non Scholastic	5
	40

EVALUATION PATTERN

SCHOLASTIC					NON - SCHOLASTIC	MARKS		
C1	C2	C3	C4	C5	C6	CIA	ESE	Total
10	10	5	5	5	5	40	60	100

PG CIA Components

				Nos				
C1	-	Test (CIA 1)		1	-	10 Mks		
C2	-	Test (CIA 2)		1	-	10 Mks		
C3	-	Assignment		2 *	-	5 Mks		
C4	-	Open Book Test/PPT		2 *	-	5 Mks		
C5	-	Seminar		1	-	5 Mks		
C6	-	Attendance			-	5 Mks		

****The best out of two will be taken into account***

COURSE OUTCOMES

On completion of this course, students will be able to

NO.	COURSE OUTCOMES	KNOWLEDGE LEVEL (ACCORDING TO REVISED BLOOM'S TAXONOMY)	PSOs ADDRESSED
CO 1	To define and explain the science of climate change.	K1, K2	PO1, PO3, PO8

CO 2	To explain and identify the climate change policy.	K2, K3	PO1,PO2, PO3,PO8
CO 3	To illustrate and analyses the integrated assessment of climate changes.	K2, K4	PO1, PO2,PO3
CO 4	To classify, compare and evaluate climate change impact assessment.	K4, K5	PO1, PO2,PO3
CO 5	To estimate and illustrate the climate change negotiations and equity.	K5, K6	PO3,PO7,PO8

Mapping COs Consistency with PSOs

CO/ PSO	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 PSOs	3.0	3.0	3.0	3.0	3.0

Strong-3 M-Medium-2 L-Low-1

Mapping COs Consistency with POs

CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	3	3	3	3	3
CO2	3	3	3	3	3	3	3	3
CO3	3	3	3	3	3	3	3	3
CO4	3	3	3	3	2	3	2	3
CO5	3	2	2	2	3	3	3	3
Weightage	15	14	14	14	14	15	14	15
Weighted percentage of course contribution to POS	3.00	2.8	2.8	2.8	2.8	3.00	2.8	3.00

S-Strong-3 M-Medium-2 L-Low-1

COURSE DESIGNER

DR.C.SAHAYA MARY SOPHIA

HEAD OF THE DEPARTMENT

DR.M.REGINA MARY

**II SEMESTER
I MA ECONOMICS**

(For those who joined in 2023 onwards)

PROGRAMM E CODE	COURSE CODE	COURSE TITLE	HRS/WE K	CREDIT S
PAEC	23PG2ESE 2	WOMEN AND ENTREPRENEURSH IP	4	2

COURSE DESCRIPTION

Study the entrepreneur qualities, project report, online trading, recent entrepreneur development Schemes

COURSE OBJECTIVE/S

1. To promote girl students to promote business.
2. To motivate the students to avail the self- employment benefits of government.
3. To equip them to face IES, IAS exams and NET exam

UNIT: I INTRODUCTION

[5 HRS]

Entrepreneur and women entrepreneurship: Meaning, Characteristics, Types, Functions - The Micro Finance and Self Help Groups - Social Entrepreneurship- Agri Entrepreneurs - Techno Entrepreneurs

UNIT: II ECONOMIC ANALYSIS FOR AN ENTREPRENEUR

Budgeting, Break-Even, SWOT and Profitability Analysis-PEST analysis-Cost-Benefit Analysis – Income Tax payment – GST Calculation

UNIT:III GOVERNMENT INSTITUTIONS AND SCHEMES

Central Schemes: Start Up India - Skill India - MSME - Pradhan Mantri MUDRA Yojana (PMMY) SSI and SIDO - National Small Industries Corporation Ltd (NSIC) - Small Industries Service Institutes (SISI) - State Industrial Development Corporations(SIDCs)

UNIT:IV BUSINESS OPPORTUNITIES - BRIEF INTRODUCTIONS

Agriculture: Horticulture, Floriculture, Kitchen garden, Mushroom Cultivation, Vermi-Culture, Api-Culture, Poultry Farming

UNIT: V ONLINE BUSINESS- BRIEF INTRODUCTIONS

Online Buying and selling: Case studies on Amazon, OLX, Airbnb, Ola, Facebook – Online Marketing- Online share trading

REFERENCE BOOKS:

1. K.K. Sharma, G.R. Basotia, "Entrepreneurship & Small Business", Mangal Deep Publications, Jaipur, 1st Edition, 2001.
2. M. Soundarapandian, "Rural Entrepreneurship – Growth and Potential", Kanishka Publishers, New Delhi, 1st Edition, 2001.
3. S.S. Khanaka, "Entrepreneurial Development", S. Chand & Company Limited, 1999.
4. V. Sujatha, "Entrepreneurial Development", Krishna Printers, 1st Edition, 2004.
5. C.B. Gupta & S.S. Khanka, "Entrepreneurship and Small Business Management", Sultan Chand.
6. Robert D. Hisrich "Entrepreneurship", Tata Mc Graw Hill Company Ltd, 2007
7. Hirsch peters "Entrepreneurship " Tata McGraw Hill Company Ltd, New York 2000

DIGITAL OPEN EDUCATIONAL RESOURCES

1. <http://www.cosidici.com/>
2. <http://www.tidco.com/>
3. <https://www.dicmdu.in/>
4. <https://www.tiic.org/need-scheme/>
5. https://www.startupindia.gov.in/content/dam/invest-india/Templates/public/state_startup_policies/Tamil_Nadu_Startup_Policy.pdf

COURSE CONTENTS & LECTURE SCHEDULE

Module No.	Topic	No. of Lectures	Teaching pedagogy	Teaching Aids
UNIT -1 INTRODUCTION				
1.1	Types and Functions of Entrepreneur	4	Lecture	Black Board,
1.1:1	Micro Finance and Self Help Group	4	Lecture	Black Board
1.2	Profit Organisation	3	Blended teaching with practice	Black Board
1.4	Online Registration for entrepreneur	4	Blended teaching	Black Board
UNIT -2 ECONOMIC ANALYSIS FOR ENTREPRENEUR				
2.1	Break Even Analysis	5	Flipped Learning	Black Board
2.2	SWOT Analysis	3	Blended teaching with practice	Black Board

2.3	Blog Creation , Web Creation	4	Blended teaching with practice	Black Board
UNIT – 3 GOVERNMENT SCHEMES				
3.1	Money market: Meaning – Characteristics – Functions	5	Blended teaching with practice	Black Board
3.2	Institutions of Indian Money market – Instruments	3	Blended teaching with practice	Black Board
3.3	Commercial Banks: Importance- Functions of commercial banks	4	Blended teaching with practice	Black Board
3.4	Credit Creation- Instruments of Credit	3	Blended teaching with practice	Black Board
3:5	Nationalisation of Commercial Banks	3	Blended teaching with practice	Black Board
UNIT:VI SCOPE FOR BUSINESS OPPORTUNITIES- BRIEF INTRODUCTIONS				
4.1	Agriculture: Horticulture, Floriculture, Kitchen garden and sales, - Service industry	2	Blended teaching with practice	Black Board
4..2	Sale of seeds and agricultural products, Mushroom Cultivation,	3	Blended teaching with practice	Black Board
4..3	Vermi-Culture, Api-Culture etc -Industry Handicrafts	4	Blended teaching with practice	Black Board

4..4	Tour organization, Tuition centers, Tailoring	3	Blended teaching with practice	Black Board
4..5	Beauty Parlours- Home delivery of food etc Female focused entrepreneurship	1	Blended teaching with practice	Black Board

UNIT: V ON LINE BUSINESS- BRIEF INTRODUCTIONS

5.1	Online Buying and selling: Case studies on Amazon	3	Blended teaching with practice	Black Board
5.2	OLX – Face book	2	Blended teaching with practice	Black Board
5.3	scope for business in Online share trading	4	Blended teaching with practice	Black Board
5.4	scope for business in Online commodity trading	2	Blended teaching with practice	Black Board
5.5	scope for business in online exports	2	Blended teaching with practice	Black Board

Unit – VI DYNAMISM/CURRENTAFFAIR

6.1	Project proposal for any product or service		Survey guidance in class room	Black Board
6.2	Case study of any one Institutional loan schemes(Bank or non banking)		Case study Models by PPT	Black Board
6.3	On the Spot Learning Component: Visit to SHG to study their income generation activities and writing report -		Case study models & survey	Black Board

6.4	Case study any one women entrepreneur -		Survey guidance in class room	Black Board
6.5	On-the spot learning: Visit to industrial estate to meet entrepreneurs		Case study Models by PPT	Black Board
6.6	Project proposal for any product or service		Survey guidance in class room	Black Board

EVALUATION PATTERN

Levels	C1	C2	C3	C4	C5	Total Scholastic Marks	Non Scholastic Marks C6	CIA Total	% of Assessment
	T1	T2	Seminar	Assignment	OBT/PPT				
	10 Mks.	10 Mks.	5 Mks.	5 Mks	5 Mks	35 Mks.	5 Mks.	40 Mks.	
K2	4	4	-	-	-	8	-	8	20 %
K3	2	2	-	5	-	9	-	9	22.5 %
K4	2	2	-	-	5	9	-	9	22.5 %
K5	2	2	5	-	-	9	-	9	22.5 %
Non Scholastic	-	-	-	-	-		5	5	12.5 %
Total	10	10	5	5	5	35	5	40	100 %

CIA

Scholastic	35
Non Scholastic	5
	40

EVALUATION PATTERN

SCHOLASTIC					NON - SCHOLASTIC	MARKS		
C1	C2	C3	C4	C5	C6	CIA	ESE	Total
10	10	5	5	5	5	40	60	100

PG CIA Components

				Nos				
C1	-	Test (CIA 1)		1	-	10 Mks		
C2	-	Test (CIA 2)		1	-	10 Mks		
C3	-	Assignment		2 *	-	5 Mks		
C4	-	Open Book Test/PPT		2 *	-	5 Mks		
C5	-	Seminar		1	-	5 Mks		
C6	-	Attendance			-	5 Mks		

****The best out of two will be taken into account***

COURSE OUTCOMES

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

NO.	COURSE OUTCOMES	KNOWLEDGE LEVEL (ACCORDING TO REVISED BLOOM'S TAXONOMY)	PSOs ADDRESSED
CO 1	To explain the functions of Entrepreneur.	K2	PSO1& PSO2
CO 2	To identify the basic qualities of an Entrepreneur.	K2, K3	PSO3
CO 3	To enable the students to understand the Project report.	K2, K4	PSO5
CO 4	To evaluate the .merits and demerits of online trading.	K2, K3 & K4	PSO4
CO 5	To assess the policy implementation by government for Entrepreneurial development.	K3& K5	PSO4

Mapping COs Consistency with PSOs

CO/ PSO	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

Mapping COs Consistency with POs

CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	3	3	3	3	3	3	3
CO2	3	3	3	2	3	3	2
CO3	3	3	2	3	3	2	3
CO4	3	2	3	3	3	1	3
CO5	3	3	3	1	3	3	3

Note: ☐ Strongly Correlated – 3 ☐ Moderately Correlated – 2

□ Weakly Correlated -1

COURSE DESIGNER

DR.K.PRAVEENA

HEAD OF THE DEPARTMENT

DR.M.REGINA MARY

**II MA ECONOMICS
SEMESTER - IV**

(For those who joined in 2023 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	23PG4EE3	ECONOMICS OF SUSTAINABLE DEVELOPMENT	4	4

COURSE DESCRIPTION

Study about Environmental quality, Environmental Sustainability, Sustainability Indicators and measurement, rules, Sectoral policies for Sustainable Development

COURSE OBJECTIVES

1. Impart Knowledge on Environment and its Quality.
2. Enable the students to know the existing environmental quality and its Protection
3. Equip them with the knowledge of Environmental Sustainability and its use for future generation.

UNIT-I: THE RATIONALE FOR INTEGRATING “SUSTAINABILITY” AND “DEVELOPMENT” (10 Hrs)

Distinction between “sustainability” and “development”- Inadequacy of growth as indicator of welfare- Environmental basis of economic growth- Economic development and environmental quality: the environmental Kuznets curve hypothesis.(**SELF STUDY**)

UNIT-II-CONCEPTUALIZING SUSTAINABLE DEVELOPMENT

(10 Hrs)

Basic concepts-Capital stock and sustainability- Types of capital - Substitutability between types of capital- Weak sustainability-Strong sustainability. The concept of “Pareto sustainability”-Distinction between “optimal” development and “sustainable” development -“optimality”, “survivability” and sustainability- A holistic definition of sustainable development: sustainable development as comprising-Economic sustainability- Environmental sustainability - **Social sustainability (SELF STUDY)**

UNIT-III – SUSTAINABLE DEVELOPMENT RULES

(10 Hrs)

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

UNIT-IV-SUSTAINABILITY INDICATORS AND MEASUREMENT

(10 Hrs)

Global, national and local indicators of sustainability –Prescott - Allen’s Barometer of sustainability - Human Wellbeing Index - Ecosystem Wellbeing Index- **Stress Index. (SELF STUDY)**

UNIT-V-SECTORAL POLICIES FOR SUSTAINABLE DEVELOPMENT

(10 Hrs)

Sustainable development in the agricultural sector-Environment and rural poverty-Institutions for management of problems related to agriculture-Intensifying the use of land-Intensifying the use of water-Conversion of forests to agriculture- Sustainable urban development- Role of cities in sustainable development- Urban environmental problems by level of city development- **Institutions for sustainable urban development.(SELF STUDY)**

UNIT VI: DYNAMISM

Case studies on Sustainability – Green sustainability and its impact – Case Study on Sustainable urban development in India

TEXT BOOKS

1. Hanley, Nick, Jason F. Shogren and Ben White (2001), Introduction to Environmental Economics (Oxford: Oxford University Press) Units-I, III, IV

REFERENCES

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

- Press) 162-217 . Recommended for Units 3 and 4.
5. Beckerman, Wilford (1995), Small is Stupid: Blowing the Whistle on the Greens (London:Duckworth) Recommended for Unit 2.
 6. Pearce, David and Jermy J. Warford (1993), World Without End: Economics, Environment, and Sustainable Development(New York: Oxford University Press), Chapters 1-4. Recommended for Units 3 and 4.
 7. Mathew, A Santhosh (2001) ,“How Sustainable is our Development?” in A. Santhosh Mathew (ed) (2002) : Rio, Johannesburg and Beyond: India’s Progress in Sustainable Development (New Delhi: Orient Longman) 1-15.Recommended for Unit 1.

COURSE CONTENTS & LECTURE SCHEDULE

Module No.	Topic	No. of Lectures	Content Delivery Method	Teaching Aids
UNIT -1 THE RATIONALE FOR INTEGRATING “SUSTAINABILITY” AND “DEVELOPMENT”				
1.1	Distinction between “sustainability” and “development”-	2	Lecture	PPT
1.2	Inadequacy of growth as indicator of welfare- Environmental basis of economic growth-	2	Lecture	Black Board
1.3	Economic development and environmental quality: the environmental Kuznets curve hypothesis	3	Chalk & Talk	Black Board
1.4	Negative Environmental and economic patterns of past development strategies	3	Lecture	Black Board
UNIT -2 : CONCEPTUALIZING SUSTAINABLE DEVELOPMENT				
2.1	Basic concepts-Capital stock and sustainability-definition-	1	Lecture	Black Board
2.2	Types of capital - Substitutability between types of capital	1	Lecture	Black Board
2.3	Weak sustainability-Strong sustainability- Brundtland Commission’s definition of sustainable development-	2	Discussion	Black Board

2.4	Intragenerational equity-The concept of “needs” -Critique of Brundtland Commission’s	1	Lecture	Black Board
2.5	Sustainable development as Non-declining well-being- The concept of “Pareto sustainability”-Distinction between “optimal” development and “sustainable” development	1	Lecture	PPT
2.6	-“optimality”, “survivability” and sustainability- A holistic definition of sustainable development:	2	Discussion	Online
2.7	Sustainable development as comprising-Economic sustainability- Environmental sustainability - Social sustainability	2	Lecture	Black Board
UNIT -3:SUSTAINABLE DEVELOPMENT RULES				
3.1	Sustainability of free market outcomes-	2	Lecture	Black Board
3.2	Hartwick -Solow rule	4	Lecture	Black Board
3.3	Daly’s “operational principles”- The “safe minimum standard” rule-London School approach.	4	Lecture	PPT
UNIT-4 : SUSTAINABILITY INDICATORS AND MEASUREMENT				
4.1	Global, national and local indicators of sustainability -	2	Lecture	Black Board
4.2	Prescott-Allen’s Barometer of sustainability	2	Lecture	PPT

4.3	Human Wellbeing Index- Ecosystem Wellbeing Index-	2	Discussion	Black Board
4.4	Stress Index- AMOEBA approach-	2	Chalk & Talk	Black Board
4.5	Green national accounts- Genuine savings index- Shadow project approach	2	Chalk &Talk	Black Board

UNIT-5-SECTORAL POLICIES FOR SUSTAINABLE DEVELOPMENT

5.1	Institutions for sustainable development	1	Lecture	PPT
5.2	Institutions coordinating human behavior- Market- Government- Civil society-	2	Lecture	Black Board
5.3	Sustainable development in the agricultural sector- Environment and rural poverty-	2	Lecture	Black Board
5.4	Agricultural biotechnology, poverty and the precautionary principle- Institutions for management of problems related to agriculture -	2	Discussion	Black Board
5.5	Intensifying the use of land - Intensifying the use of water-Conversion of forests to agriculture-	1	Lecture	Black Board
5.6	Sustainable urban development- Role of cities in sustainable development-Urban environmental problems by level of city development-	1	Discussion	Black Board
5.7	Institutions for sustainable urban development.	1	Lecture	PPT

Leve ls	C1	C2	C3	C4	Total Schola	Non Schola	CIA Total	
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					stic Marks	stic Marks C5		Percent age of Assess ment
	Semi nar	Bett er of W1, W2	M1+ M2	MI D- SE M TE ST				
	5 Mk s.	5M ks.	10 Mks	15 Mk s	35 Mks.	5 Mks .	40M ks.	
K2	5	-	-	2 ½	-		-	-
K3	-	5	4	2 ½	5		5	12.5
K4	-	-	3	5	12		12	30
K5	-	-	3	5	9		9	22.5
Non Schola stic	-	-	-	-	9		9	22.5
Tota l	5	5	10	15	35	5	40	100

CIA	
Scholastic	35
Non Scholastic	5
	40

EVALUATION PATTERN

SCHOLASTIC					NON SCHOLASTIC	MARKS		
C1	C2	C3	C4	C5	C6	CIA	ESE	Total
10	10	5	5	5	5	40	60	100

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SCHOLASTIC			NON SCHOLASTIC	-	MARKS
	● PG CIA Components				
			Nos		
	C1	- Test (CIA 1)	1	-	10 Mks
	C2	- Test (CIA 2)	1	-	10 Mks
	C3	- Assignment	2 *	-	5 Mks
	C4	- Open Book Test/PPT	2 *	-	5 Mks
	C5	- Seminar	1	-	5 Mks
	C6	- Attendance		-	5 Mks

****The best out of two will be taken into account***

COURSE OUTCOMES

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

NO.	COURSE OUTCOMES	KNOWLEDGE LEVEL (ACCORDING TO REVISED BLOOM'S TAXONOMY)	PSOs ADDRESSED
CO 1	Knowledge on the evaluation of existing environment.	K2	PSO1& PSO2
CO 2	Ability to analyse Economic, Social and Environmental Sustainability	K2, K3	PSO3
CO 3	Ability to evaluate the rules of Sustainability.	K2, K4	PSO5
CO 4	Knowledge on the Assessment of the International National, and Local indicators of Sustainability	K2, K3 & K4	PSO4
CO 5	Awareness on Sectoral Policies of Sustainable Development	K3& K5	PSO4

Mapping COs Consistency with PSOs

CO/ PSO	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

Note: ☐ Strongly Correlated – 3 ☐ Moderately Correlated – 2

☐ Weakly Correlated -1

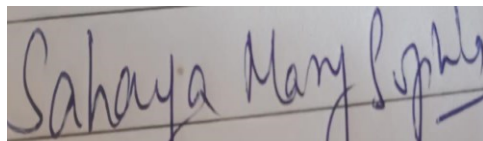
Mapping COs Consistency with POs

CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	3	3	3	3	3	3	3
CO2	3	3	3	2	3	3	2
CO3	3	3	2	3	3	2	3
CO4	3	2	3	3	3	1	3
CO5	3	3	3	1	3	3	3

Note: ☐ Strongly Correlated – 3 ☐ Moderately Correlated – 2

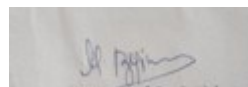
☐ Weakly Correlated -1

COURSE DESIGNER



C. SAHAYA MARY SOPHIA

FORWARDED BY



**DR.M. REGINA MARY
HEAD OF THE DEPARTMENT**

IV SEMESTER
II MA ECONOMICS ELECTIVE

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	23PG4EE 4	INDUSTRIAL ECONOMICS	4	4

COURSE DESCRIPTION

This course provides an introduction to current theory and empirical work in Industrial economics.

COURSE OBJECTIVE/S

1. To provide knowledge to the students on the basic issues involved in the industrial development of India.
2. The students can enter into any industries with their sound knowledge about the various aspects of industries or take up self employment

UNIT- I INDUSTRIALIZATION

(10HRS)

Meaning – Importance – Factors inhibiting industrial development – Remedial Measures – Industrial progress during five year plans(Self Study).
Industrial location – Factors influencing location – Theories of Location - Sargant Florence Theory – Weber`s theory.

UNIT -II OWNERSHIP AND CONTROL OF INDUSTRIES (10 HRS)

Ownership and control of industries: Public sector, Private sector, Joint sector, co-operative sector (Self Study) Need and intervention of government - Ways and means, social control –Legal framework - Evaluation of industrial policies.

UNIT- III INDUSTRIAL FINANCE (10 HRS)

Owned, external and other sources of funds. Role, nature, volume and types of institutional finance - IDBI, IFCI, SFCs, SIDC(Self Study), commercial banks, etc., . Financial statement - Balance sheet, Profit and loss account - Assessment of financial soundness - Ratio analysis.

UNIT-IV PROJECT APPRAISAL (10HRS)

Cost-benefit analysis - Net Present Value (NPV) (Self Study) and internal rate of return (IRR) criteria - Balancing private and social returns.

UNIT -V INDUSTRIAL PROBLEMS AND PROSPECTS (10HRS)

Industrial sickness – Definition – Magnitude – Causes – Consequences – Government policy in regard to industrial sickness - Rationalization(Self Study) – Definition - Aims – Measures for carrying out rationalization – Advantages – Dangers – Attitudes of employers, workers and Government towards rationalization –Rationalization of industries in India. Industrial Clusters – Definition- The pure agglomeration model-The industrial complex model-The social network model- Advantages and Disadvantages of Industrial Clusters.

REFERENCE BOOKS

1. Amarjit Singh; A N Sadhu “Industrial Economics”, Himalaya Publishing house, Delhi, 1988
2. Barthwal, R.R. “Industrial Economics”, New Age International Pvt. Ltd., 2010.
3. Cherunilam, F, Industrial Economics : Indian Perspective (3rd Edition), Himalaya Publishing House, Mumbai, 1994
4. [Dhingra](#), I.C The Indian Economy Environment and Policy, Sultan Chand, 2014
5. Government of India, Economic Survey (Annual).
6. Kutchhal, S.C. , Industrial Economy of India (5th Edition), Chaitanya Publishing House, Allahabad, 1980
7. Misra and Puri, “Indian Industrial Economy”, Himalaya Publishing house, New Delhi, 1989.
1. Sharma, A.K. “Industrial Economics’, Anmol Publications Ltd, New Delhi, 2006.
2. Sivayya K.V& V.B.M. Dhas, “Industrial Economics”, S. Chand Company Ltd. New Delhi, 1990

COURSE CONTENTS & TEACHING/LEARNING SCHEDULE

Module No.	Topic	No. of Lectures	Content Delivery Method	Teaching Aids
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UNIT- I INDUSTRIALIZATION				
1.1	Meaning – Importance – Factors inhibiting industrial development	3	Chalk & Talk	Black Board
1.1:1	Remedial Measures – Industrial progress during five year plans	3	Chalk & Talk	Black Board
1.2	Industrial location	3	Lecture	PPT
1.2.1	Factors influencing location –	2	Flipped Learning	Online/ E-Content/
1.2.2	Theories of Location	1	Flipped Learning	Online/ E-Content/
1.2.3	Sargant Florence Theory, Weber's theory.	3	Lecture	Black Board
UNIT -II OWNERSHIP AND CONTROL OF INDUSTRIES				
2.1	Input - Output Model. Ownership and control of industries	4	Lecture	Black Board
2.2	Public sector, Private sector, Joint sector, co-operative sector	3	Google	online
2.3	Need and intervention of government	3	Lecture	Black Board
2.4	Ways and means, social control – Legal framework -	2	Flipped Learning	Online/ E-Content/
2.5	Evaluation of industrial policies.	3	Lecture	Black Board
UNIT III:INDUSTRIAL FINANCE				
3.1	Owned, external and other sources of funds	2	Lecture	Black Board
3.2	Role, nature, volume and types of institutional finance	3	Lecture	Black Board

3.3	IDBI, IFCI, SFCs, SIDC, commercial banks, etc	5	Google	online
3.4	Financial statement - Balance sheet, Profit and loss account	3	Lecture	Black Board
3.5	Assessment of financial soundness - Ratio analysis	2	Flipped Learning	Online/ E-Content/
UNIT IV: PROJECT APPRAISAL				
4.1	Cost-benefit analysis - Net Present Value	2	Lecture	Black Board
4.2	Cost-benefit analysis - Net Present Value (NPV) and internal rate of return (IRR)	2	Lecture	Black Board
4.3	criteria - Balancing private and social returns	2	Discussion	ppt
UNIT V: INDUSTRIAL PROBLEMS AND PROSPECTS				
5.1	Industrial sickness	1	Lecture	Black Board
5.1.1	Definition – Magnitude – Causes – Consequences, – Government policy in regard to industrial sickness	3	Discussion	ppt
5.2	Rationalization ,	1	Lecture	Black Board
	Definition - Aims – Measures for carrying out rationalization – Advantages,Dangers	2	Lecture	Black Board
5.3	Attitudes of employers, workers and Government towards rationalization	2	Discussion	ppt
5.4	Rationalization of industries in India	1	Lecture, Discussion	LCD
5.5	Industrial Clusters – Definition	1	Lecture, Discussion	LCD

5.6	The pure agglomeration model-The industrial complex model-The social network model	2	Lecture, Discussion	LCD,PPT
5.7.	Advantages and Disadvantages of Industrial Clusters	2	Lecture, Discussion	LCD
UNIT VI DYNAMISM/CURRENTAFFAIR				
6.2	case study of current Industrial Problem in particular area.			Student submission in the class room PPT
6.3	Assignment on various Sources of industrial finance			Student submission in the class room PPT

Levels	C1	C2	C3	C4	Total Scholastic Marks	Non Scholastic Marks C5	CIA Total	Percentage of Assessment
	Seminar	Better of W1, W2	M1+ M2	MID-SEM TEST				
	5 Mks.	5Mks.	10 Mks	15 Mks	35 Mks.	5 Mks.	40 Mks.	
K2	5	-	-	2 ½	-		-	-
K3	-	5	4	2 ½	5		5	12.5
K4	-	-	3	5	12		12	30
K5	-	-	3	5	9		9	22.5

Non Scholastic	-	-	-	-	9		9	22.5
Total	5	5	10	15	35	5	40	100
CIA								
Scholastic	35							
Non Scholastic	5							
	40							

EVALUATION PATTERN

SCHOLASTIC					NON - SCHOLASTIC	MARKS		
C1	C2	C3	C4	C5	C6	CIA	ESE	Total
10	10	5	5	5	5	40	60	100

• PG CIA Components

		Nos	
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C2	- Test (CIA 2)	1	- 10 Mks
C3	- Assignment	2 *	- 5 Mks
C4	- Open Book Test/PPT	2 *	- 5 Mks
C5	- Seminar	1	- 5 Mks
C6	- Attendance		- 5 Mks

****The best out of two will be taken into account***

COURSE OUTCOMES

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

NO.	COURSE OUTCOMES	KNOWLEDGE LEVEL (ACCORDING TO REVISED BLOOM'S TAXONOMY)	PSOs ADDRESSED
CO 1	Understand the concept and theories of industrial economic	K2	PSO1& PSO2
CO 2	Describe and explain the determinants of the size and structure of firms and the implications of the separation of ownership and controls.	K2, K3	PSO3
CO 3	Analyze the sources of industrial finance	K2, K4	PSO5

Mapping COs Consistency with PSOs

CO/ PSO	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

Note: ☐ Strongly Correlated – 3 ☐ Moderately Correlated – 2

☐ Weakly Correlated -1

Mapping COs Consistency with POs

CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	3	3	3	3	3	3	3
CO2	3	3	3	2	3	3	2
CO3	3	3	2	3	3	2	3
CO4	3	2	3	3	3	1	3

C05	3	3	3	1	3	3	3
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Note: ☐ Strongly Correlated – **3** ☐ Moderately Correlated – **2**
☐ Weakly Correlated -**1**