



HAJEE KARUTHA ROWTHER HOWDIA COLLEGE

(An Autonomous Institution Affiliated to Madurai Kamaraj University, Madurai.)

Re-Accredited with A++ Grade by NAAC (3rd Cycle)

Uthamapalayam - 625 533.

DEPARTMENT OF ECONOMICS

MASTER OF ARTS - ECONOMICS

SYLLABUS

Choice Based Credit System – CBCS

With

Outcome Based Education (OBE)

(Academic Year 2026 - 2027 onwards)

HAJEE KARUTHA ROWTHER HOWDIA COLLEGE

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College Vision and Mission

Vision

Our vision is to provide the best type of higher education to all, especially to students hailing from minority Muslim community, rural agricultural families and other deprived, under privileged sections of the society, inculcating the sense of social responsibility in them. Our college is committed to produce talented, duty- bound citizens to take up the challenges of the changing times.

Mission

Our mission is to impart and inculcate social values, spirit of service and religious tolerance as envisioned by our beloved Founder President Hajee Karutha Rowther.

The Vision beckons the Mission continues forever.

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Department Vision and Mission

Vision

- Education in Economics for the inclusive and sustainable development of the nation by promoting employable skills.

Mission

- ✓ To provide quality instruction to students to prepare them for successful careers.
- ✓ To equip the student's to contribute positively to the economic and social well-being of the society.
- ✓ *To stimulate the academic environment to promote excellence in higher education*

Programme Educational Objectives (PEO)

Our graduates will be progressive, efficient, value based, academically excellent, creative, collaborative, empowered and globally competent literates with the skills required for societal change.

They will demonstrate

PEO1	Comprehensive knowledge and expertise, employability, the acumen of creative and critical thinking, the spirit of enquiry and professional attitude required for a successful career
PEO2	Accountability, linguistic competence and communication skills in the work environment and beyond
PEO3	Perseverance, effective collaboration, team spirit, leadership and problem solving skills
PEO4	Keen sense of civility, professional ethics, receptivity and moral righteousness
PEO5	Commitment to address social and environmental threats and to act as responsible service-minded, duty-bound global citizens

Programme Outcomes (PO)

On completion (after two years) of M.A., Economics programme, the students are able to

P01	Rigorous and comprehensive study of various economic theory and concepts.
P02	Assess the quantitative and qualitative tool in applied economics and economic policies.
P03	Apply knowledge of computing to produce effective elucidation for national and international economic hindrances.
P04	Focus on research and industrial practices with high regard for ethical values.
P05	Enrich with new ideas and techniques for competitive examinations.

Program Specific Outcomes (PSO)

A graduate of M.A., Economics after two years will

PSO1	Utilizing the economic concepts in the day to day life for better living
PSO2	Applying the economic theories in the work places and the homes to make better decisions and choices
PSO3	Using entrepreneurial skills with communication to excel their profession
PSO4	Showing continuous improvement in their professional career through life-long learning, appreciating human values and ethics
PSO5	Developing the teamwork and leadership skills acquired through life-training to improve their work environment and relations

Programme Scheme

Eligibility

B.A.,/ B.B.A.,/ B.Com., / and B.Sc., degree holders with Economics, Mathematics and Statistics as major or ancillary subjects and candidates who studied Mathematics / Business Mathematics at +2 level are eligible for seeking admission into M.A Economics.

For Programme Completion

A Candidate shall complete:

- Part III - Core papers in semesters I, II, III and IV respectively
- Part III - Generic Elective papers in semesters I and II respectively
- Part III - Discipline Elective Papers in semesters III and IV respectively
- Part IV - Skill Enhancement Course (NME) Paper in Semester III respectively
- Part IV - Summer Internship/Industrial Training Paper in semester III respectively
- Part IV - Skill Enhancement Course (Professional Competency Skill) Paper in Semester IV respectively
- Part V - Extension activity in semester IV

Scheme of Examinations under Choice Based Credit System

Term End Examinations (TEE)	- 75 Marks
Continuous Internal Assessment Examinations (CIAE)	- 25 Marks
Total	- 100 Marks

Pattern of Continuous Internal Assessment Examinations (CIAE)

Average of Two Internal Tests (each 20 marks)	- 20 Marks
Assignment	- 05 Marks
Total	- 25 Marks

Pattern of Term End Examinations (Max. Marks: 75 / Time: 3 Hours)

External Examinations Question Paper Pattern for Part III and Part IV (Non- Major Elective & Skill based Subject)

Section - A (10 X 2 = 20 Marks)

Answer ALL questions.

- Questions 1 - 10
- One question from each unit
- Short answer questions

Section - B (5 X 5 = 25 Marks)

Answer ALL questions (Choose either a or b).

- Questions 11 - 15
- One question from each unit
- Paragraph

Section - C (3 X 10 = 30 Marks)

Answer any THREE out of five questions.

- Questions 16 - 20
- One question from each unit
- Essay type

Part V (Extension Activities)

- Internal Evaluation only

Passing Marks

Minimum 34 for External Exam

Eligibility for the degree – passing minimum is 50%

Practical Examination

- Internal - 40 marks
- External - 60 marks (minimum 27 marks)
- Total - 100 marks
- Passing minimum is 50%

Weightage

Weightage for Bloom's Taxonomy	Percentage	Marks	
		CIAE	TEE
Knowledge (Remembering) - K1	8	2	6
Understanding - K2	9	2	7
Applying - K3	12	3	9
Analyzing - K4	12	3	9
Evaluate - K5	40	10	30
Create - K6	19	5(Seminar)	14
Gross Total	100	25	75

Assessment

Distribution of questions and marks for Continuous Internal Assessment Examinations

Bloom's Taxonomy	Section A	Section B	Section C	Total
Knowledge(K1)	1(2)	-	-	Total 25 marks
Understanding(K2)	1(2)	-	-	
Apply(K3)	-	1(3)	-	
Analyzing (K4)	-	1(3)	-	
Evaluate (K5)	-	-	2(10)	
Create (K6)	Seminar (5)			

Distribution of questions and marks for Term End Examinations

Bloom's Taxonomy	Section A	Section B	Section C	Total
Knowledge(K1)	3(6)	-	-	Total 75 Marks
Understanding(K2)	1(2)	1(5)	-	
Apply(K3)	2(4)	1(5)	-	
Analyzing (K4)	2(4)	1(5)	-	
Evaluate (K5)	-	-	3(30)	
Create (K6)	2(4)	2(10)	-	

Note: Figures in parenthesis are Marks

Credits Distribution

S.No	Part	Category	No of Courses	No of Credits
1	Part - III	Core (Theory / Practical / Project)	15	72
		Discipline Elective (Theory / Practical)	2	6
		Generic Elective (Theory / Practical)	2	6
2	Part - IV	NME	1	2
		Professional Competency	1	2
		Internship	1	2
3	Part - V	Extension Activity	1	1
Total			23	91

M.A., ECONOMICS
Details of Course Category, Code, Credits & Title

Course Category	Course Code	Course Title	Hrs	CIAE	TEE	Max. Marks	Credits
Semester - I							
Part - III							
Core - I	26PECCC11	Advanced Microeconomics - I	6	25	75	100	5
Core - II	26PECCC12	Advanced Macroeconomics - I	6	25	75	100	5
Core - III	26PECCC13	Quantitative Methods - I	6	25	75	100	5
Core - IV	26PECCC14	Fiscal Economics	6	25	75	100	4
Generic Elective - I	26PECGE11	Rural Economics	6	25	75	100	3
	26PECGE12	Legal Economics					
TOTAL			30				22

Course Category	Course Code	Course Title	Hrs	CIAE	TEE	Max. Marks	Credits
Semester - II							
Part - III							
Core - V	26PECCC21	Advanced Microeconomics - II	6	25	75	100	5
Core - VI	26PECCC22	Advanced Macroeconomics - II	6	25	75	100	5
Core - VII	26PECCC23	Quantitative Methods - II	6	25	75	100	5
Core - VIII	26PECCC24	Resource Economics	6	25	75	100	4
Generic Elective - II	26PECGE21	Agricultural Economics	6	25	75	100	3
	26PECGE22	Regional Economics					
TOTAL			30				22

Course Code	Course Title	Category	Hours	Credits	Marks		
					CIAE	TEE	Total
26PECCC11	ADVANCED MICROECONOMICS - I	Core - I	6	5	25	75	100

Course Objectives		
Provide knowledge on Micro Economic concepts and theoretical importance and to analyses the economic behavior of individuals, firms and markets		
UNIT	Contents	No. of Hours
I	BASIC CONCEPT Micro-Macro Economic Analysis – Inductive vs Deductive Methods of Analysis – Economic Statics and Dynamics - Cobweb Model - Comparative Statics – Meaning – Importance and Limitations – Equilibrium concepts – Stable and Unstable Equilibrium	18
II	DEMAND THEORY Cardinal and Ordinal Approaches – Indifference Curves – Properties – Compensated Demand Curve – Hicks and Slutsky’s Theorem – Revealed Preference Theory – Hicks Revision of Demand Theory– Bernoulli Hypothesis–N-M Index	18
III	PRODUCTION THEORY Production Function – Short Run– Long Run – Law of Variable Proportions – Law of Returns to Scale – ISO quant’s – Properties – Choice of Optimal Factor Combination – Cobb Douglas Production Function – ISO Cost – Marginal Rate of Technical Substitution – Multi Product Firm	18
IV	PRICE THEORY - I Revenue and Cost Concepts – Marginal Analysis as an Approach to Price and Output Determination – Perfect Competition –Features and Pricing Under perfect competition – Monopoly –Sources of Monopoly –Pricing under Monopoly – Features and Price Discrimination– Types of Price Discrimination –Conditions for Monopoly Control and Regulation	18
V	PRICE THEORY - II Monopolistic Competition – Characteristics Features– Group Equilibrium – Chamberlin’s Group Equilibrium– Excess Capacity – Selling Cost – Equilibrium of the Firm and the Group Oligopoly – characteristics Features – Price Determination: Kinked Demand Curve – Collusive Oligopoly – Cartels– Joint Profit Maximizing and Difficulties of cartels – Price Leadership – Low-Cost Firm Model – Barometric Model	18
Total		90
Course Outcomes		Knowledge Level
CO	On completion of this course, students will	
1	Enlighten Economic Concepts and Different Economic	K1,K2,K3,K4,K5

	Model.	
2	Acquaint with the conditions for consumer's equilibrium under cardinal and ordinal approach.	K1,K2,K3,K4,K5
3	Different concepts relating to production helps to identify least cost input combinations.	K1,K2,K3,K4,K5,K6
4	Inclusive study of various aspects of market theories, structure and determination of prices.	K1,K2,K3,K4,K5,K6
5	Enlighten market structure and price mechanisms.	K1,K2,K3, K4,K5,K6
K1-Knowledge, K2-Understand, K3-Apply, K4- Analyze, K5- Evaluate, K6- Create		
Textbooks		
1.	M.L.Jhingan, <i>Advanced Economic Theory</i> , Vrinda Publications (P)Ltd.,2003	
2.	Koutsoyiannis, <i>Modern Micro Economics</i> , ELBS with Macmillan, London, 1979.	
3.	M.L.Seth, <i>Advanced Economic Theory</i> , Lakshmi Narayan Agarwal Publications (P)Ltd , Delhi,2020	
Reference Books		
1.	AuthorsAmos,Witztum, <i>Economics-AnAnalyticalIntroduction</i> ,OxfordUniversity press – Reprint, 2007	
2.	Hai. R. Varian, <i>Intermediate Micro Economics – Modern Approach</i> , W.W. Narton & Company	
3.	Baumol W.J, <i>Economic Theory and Operations Analysis</i> , Prentice Hall of India, 1978	
e-Resources		
1.	http://saylordotorg.github.io/text_introduction-to-economic-analysis/s16-monopoly.html	

Mapping with Programme Outcomes:

CO /PO	PO1	PO2	PO3	PO4	PO5
C01	3	3	2	3	1
C02	3	3	1	1	3
C03	3	1	3	2	3
C04	2	3	2	3	2
C05	3	2	3	3	3

Strong-3 Medium-2 Low-1

Level of Correlation between PSO's and CO's

CO /PSO	PSO1	PSO2	PSO3	PSO4	PSO5
C01	3	2	2	3	3
C02	3	3	1	3	3
C03	2	3	3	1	2
C04	3	1	3	2	3
C05	3	3	2	3	1

Strong-3 Medium-2 Low-1

COURSE CONTENTS AND LECTURE SCHEDULE

Module No.	Topic	No. of Lectures
UNIT - I		
1.1	Micro-Macro Economic Analysis–Inductive vs Deductive Methods of Analysis	3
1.2	Economic Statics and Dynamics-Cobweb Model	5
1.3	Comparative Statics–Meaning– Importance and Limitations	5
1.4	Equilibrium concepts–Stable and Unstable	5
UNIT - II		
2.1	Cardinal and Ordinal Approaches–Partial and General Equilibrium	2
2.2	Indifference Curves–Properties	3
2.3	Compensated Demand Curve	2
2.4	Hicks and Slutsky’s Theorem	2
2.5	Revealed Preference Theory	3
2.6	Hicks Revision of Demand Theory	3
2.7	Bernoulli Hypothesis-N-M Index	3
UNIT - III		
3.1	Production Function–Short Run–Long Run	4
3.2	Law of Variable Proportions–Law of Returns to Scale	4
3.3	ISO quant’s–Properties–Choice of Optimal Factor Combination–Cobb Douglas Production Function	5
3.4	ISO Cost–Marginal Rate of Technical Substitution – Multi Product Firm	5
UNIT - IV		
4.1	Revenue and Cost Concepts	2
4.2	Marginal Analysis as an Approach to Price and Output Determination	4
4.3	Perfect Competition–Features and Pricing Under perfect competition	3
4.4	Monopoly–Sources of Monopoly–Pricing under Monopoly	4
4.5	Features and Price Discrimination–Types of price Discrimination–Conditions for Monopoly Control and Regulation	5
UNIT - V		
5.1	Monopolistic Competition – Characteristics Features–Group Equilibrium -Chamberlin’s Group Equilibrium	4
5.2	Selling Cost–Excess Capacity–Equilibrium of the Firm and the Group	3
5.3	Oligopoly–characteristics Features–Price Discrimination:	3

	Kinked Demand Curve	
5.4	Collusive Oligopoly–Cartels–Joint Profit Maximizing and Difficulties of Cartels	4
5.5	Price Leadership-Low-Cost firm Model- Barometric Model	4
Total		90

Course Designer

Name: Ms.S. SAGETHA PARVIN

Assistant Professor of Economics

Course Code	Course Title	Category	Hours	Credits	Marks		
					CIAE	TEE	Total
26PECCC12	ADVANCED MACROECONOMICS - I	Core - II	6	5	25	75	100

Course Objectives		
To understand and analyze the Applicability of the Macroeconomic concepts and its contribution to overall economic development of the country		
UNIT	Contents	No. of Hours
I	FOUNDATIONS OF MACRO ECONOMICS Nature and scope of Macro Economics- Meaning and definitions of National Income- determination- different forms of National income accounting – Social accounting, input-output accounting, and balance of payments accounting. Theories of Employment - Classical and Keynesian.	18
II	SECTORAL DEMAND FUNCTION Meaning of Consumption Function- Absolute income, Relative income and Permanent income hypotheses- Keynes Psychological Law of consumption. Investment Function- Marginal Efficiency Capita (MEC)- Accelerator and Multiplier Super Multiplier- Neo classical and Keynesian views on interest.	18
III	MACRO ECONOMICS IN THE OPEN ECONOMY IS-LM analysis for an open economy – The Foreign Trade Multiplier-The Policy Dilemma with trade deficit – Mundell - Fleming Model- Monetary approach to Balance of payments.	18
IV	THEORIES OF TRADE CYCLE Theories of Schumpeter, Kaldor, Samuelson, and Hicks, Goodwin's Model, Control of business cycle – Relative efficiency of monetary and fiscal policies.	18
V	NEO CLASSICAL MACRO ECONOMICS Neo - Classical critique of Micro foundation – The Neo-Classical approach, Policy implication of neo classical approach.	18
Total		90
Course Outcomes		Knowledge Level
CO	On completion of this course, students will	
1	To develop to explain the understanding of the basic input of macro and Micro variables and different nations accounting principles.	K1,K2,K3,K4,K5
2	To Analyze the income and consumption relation and what are the relation between demand and supply also investment.	K1,K2,K3,K4,K5
3	To analyze the how macro-economic variables applied in to the open economy	K1,K2,K3,K4,K5,K6

4	To explain the gain knowledge how various Macro-economic theories and policies are supporting to solving of the nation's economic problems.	K1,K2,K3,K4,K5,K6
5	To make use of the new-Classical views and their critique idea led to make good policy decision making of the firm.	K1,K2,K3,K4,K5,K6
K1-Knowledge, K2-Understand, K3-Apply, K4- Analyze, K5- Evaluate, K6- Create		
Textbooks		
1.	Macro Economics - M.L. Jing an, Konark Publishers Pvt.Ltd, New Delhi	
2.	Macroeconomic Theory First Edition Jean-Pascal Benassy	
3.	Macro-Economic Theory , 13 th Edition by M.L Jhington	
Reference Books		
1.	Uma Datta Roy Choundry, Accounting National Income , Macmillan, Delhi.	
2.	Oliver Jean Blanchand and Stanky Fischer, lectures on Macro Economics , Prentice Hall of India	
3.	Macro Economics – Thomas Mc Grow Hill, Inc	
4.	Macro Economics , N. Gregory Mankiw / Mark P. Tyler	
e-Resources		
1.	https://www.econlib.org/library/Enc/bios/Keynes.html	

Mapping with Programme Outcomes:

CO /PO	P01	P02	P03	P04	P05
CO1	3	3	2	3	1
CO2	3	2	3	3	1
CO3	3	1	3	3	2
CO4	1	3	3	1	2
CO5	1	3	3	2	3

Strong-3 Medium-2 Low-1

Level of Correlation between PSO's and CO's

CO /PSO	PS01	PS02	PS03	PS04	PS05
CO1	1	2	3	3	3
CO2	2	1	3	3	3
CO3	3	1	2	3	3
CO4	1	3	3	3	3
CO5	2	3	3	1	3

Strong-3 Medium-2 Low-1

COURSE CONTENTS AND LECTURE SCHEDULE

Module No.	Topic	No. of Lectures
UNIT - I		
1.1	Nature and Scope of Macro Economics	2
1.2	Meaning and definitions of National Income- determination	3
1.3	Different forms of National income accounting	2

1.4	Social accounting,	3
1.5	Input-output accounting	3
1.6	Balance of payments accounting	3
1.7	Theories of Employment - Classical and Keynesian	2
UNIT - II		
2.1	Consumption Function	2
2.2	Absolute income	1
2.3	Relative income and Permanent income hypotheses	2
2.4	Keynes Psychological Law of consumption	3
2.5	Investment Function	2
2.6	Marginal Efficiency Capita	3
2.7	Accelerator and Multiplier Super Multiplier	2
2.8	Neo classical and Keynesian views on interest.	3
UNIT - III		
3.1	IS-LM analysis for an open economy	4
3.2	The Foreign Trade Multiplier	3
3.3	The Policy Dilemma with trade deficit	3
3.4	Mundell - Fleming Model	4
3.5	Monetary approach to Balance of payments.	4
UNIT - IV		
4.1	Theories of Schumpeter	2
4.2	Kaldor's,	3
4.3	Samuelson,	3
4.4	Hicks,	2
4.5	Goodwin's Model	3
4.6	Control of business cycle	2
4.7	Relative efficiency of monetary and fiscal policies	3
UNIT - V		
5.1	Neo - Classical critique of Micro foundation	6
5.2	The Neo-Classical approach	6
5.3	Policy implications of neo classical approach.	6
Total		90

Course Designer

Name: Dr.V. PARAMASIVAN

Assistant Professor of Economics

Course Code	Course Title	Category	Hours	Credits	Marks		
					CIAE	TEE	Total
26PECCC13	QUANTITATIVE METHODS - I	Core - III	6	5	25	75	100

Course Objectives		
To introduce the basic of mathematics relating to economics and insights into economic problems within help of Mathematical tools.		
UNIT	Contents	No. of Hours
I	APPLICATION OF MATRIX THEORY Solving simultaneous linear equation in two or three variables – Matrix in vents method – crammer rules – Application in economics Input- output Analysis model Assumption –open and close model uses and limitations (simple problems only).	20
II	APPLICATION OF SIMPLE DIFFERENTIATION Concept of Differentiation - Derivation of Marginal Cost and Marginal Revenue function from total function – Elasticity of Demand un-constrained optimization – Revenue maximization –Profit maximization – Cost Maximization (simple problems only).	20
III	INTEGRATION Basic Rules-Definite and infinite integrals- Functions of Function Rule –Derivation of total function from Marginal Revenue and Marginal Cost Function’s –Consumer’s Surplus-Producer’s surplus. (Simple problems only)	15
IV	LINEAR PROGRAMMING Basic concepts and assumption-formulation of LLP– Graphical solution – Solution to Linear Programming problem (Graphical Method only) –Concept of game theory – Zero sums game – Saddle point	20
V	DIFFERENCE EQUATIONS Meaning – First Order a Second Order Equations – Homogeneous and Non – Homogeneous Equations – Solution of First Order and Second Order Equation –Simple National Income Model – Multiplier – Accelerator	15
Total		90
Course Outcomes		Knowledge Level
CO	On completion of this course, students will	
1	To apply various general Application of matrix theory.	K1,K2,K3,K4,K5
2	To Solve the application and tools of simple linear differentiation.	K1,K2,K3,K4,K5
3	To get an insight in to economic problems with the help of mathematical tools.	K1,K2,K3,K4,K5,K6
4	To focus and apply the importance of linear programming a simple application.	K1,K2,K3,K4,K5,K6

5	To enhance the knowledge and idea of difference inequation.	K1,K2,K3,K4,K5,K6
K1-Knowledge, K2-Understand, K3-Apply, K4- Analyze, K5- Evaluate, K6- Create		
Textbooks		
1.	Tara Yamane, <i>Mathematics for Economists–An Elementary Survey</i> , Prentice Hall of India Pvt. Ltd, 1988	
2.	Mehta – Madnani, <i>Mathematics for Economists</i> , Sultan Chand & Sons, New Delhi, 8th Edition, 2005	
3.	D Bose, <i>An Introduction to Mathematical Economics</i> , Himalaya Publishing House, 1996	
Reference Books		
1.	Alpha C. Chiang, <i>Fundamental Methods of Mathematical Economics</i> , Tata Mc Graw Hill International Edition, Edition 1984	
2.	R.G.D. Allen, <i>Mathematical Analysis for Economists</i> , Macmillon India Ltd., 1999.	
3.	Archibald, Richard & Lipsey, <i>An Introduction to Mathematical Treatment of Economics</i> , AITBS, New Delhi – 051, First Indian Edition, 1984.	
4.	D.Bose, <i>An introduction to Mathematical economics</i> , Himalaya publishing house New Delhi	
e-Resources		
1.	https://www.slideshare.net/slideshow/quantitative-methods-notespdf/251873938	

Mapping with Programme Outcomes:

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

Strong-3 Medium-2 Low-1

Level of Correlation between PSO's and CO's

CO /PSO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	3	3	3	1
CO2	3	2	3	3	3
CO3	3	1	3	3	2
CO4	3	2	1	3	3
CO5	1	3	2	2	3

Strong-3 Medium-2 Low-1

COURSE CONTENTS AND LECTURE SCHEDULE

Module No.	Topic	No. of Lectures
UNIT - I		
1.1	Solving Simultaneous Linear Equation in Two or Three Variables.	4

1.2	Matrix Invents Method	2
1.3	Crammer Rules	3
1.4	Application in Economics	2
1.5	Input - Output analysis Assumption - Hiwkin -Simon's Conditions	3
1.6	Open and Close Model	4
1.7	Uses and Limitations (simple problems only).	2
UNIT - II		
2.1	Concept of Differentiation- Derivation of Marginal Cost and Marginal Revenue Function from Total Function	3
2.2	Elasticity of Demand unconstrained optimization	2
2.3	Revenue Maximization	3
2.4	Profit Maximization	2
2.5	Cost Maximization (simple problem only)	3
2.6	Homogeneous Function	3
2.7	Definition and Properties	2
2.8	Euler's Theorem.	2
UNIT - III		
3.1	Basic rules	3
3.2	Definite and Infinite Integrals- Functions of Function Rule	3
3.3	Derivation of Total Function from Marginal Revenue and Marginal Cost Function's	2
3.4	Consumer's Surplus	3
3.5	Producer's Surplus.	4
UNIT - IV		
4.1	Basic Concepts and Assumption	3
4.2	Formulation of LLP- Graphical Solution, - Solution to Linear Programming Problem	4
4.3	(Graphical Method only)	4
4.4	Concept to Game Theory	3
4.5	Saddle Point - Zero Sum game	3
4.6	Pure and Mixed Strategy	3
UNIT - V		
5.1	Meaning- First Order and Second Order Equations	3
5.2	Homogeneous and Non- Homogeneous Equations	3
5.3	Solution of First Order and Second Order Equation	3
5.4	Simple National Income Model	2
5.5	Multiplier	2
5.6	Accelerator	2
Total		90

Course Designer

Name: Dr.P. PONMANI

Assistant Professor of Economics

Course Code	Course Title	Category	Hours	Credits	Marks		
					CIAE	TEE	Total
26PECCC14	FISCAL ECONOMICS	Core - IV	6	4	25	75	100

Course Objectives		
The course focuses on role and functions of the Government in an economy which have been changing with the passage of time, which involve the use of tax and expenditure and to understand the basic Fiscal policy and Financial Administration.		
UNIT	Contents	No. of Hours
I	INTRODUCTION Public Finance – Meaning – Distinction between Private and Public Finance - Role of Public Finance in Developing Country - Importance of Public Finance - Merit goods – Social goods– Public goods and Externalities.	14
II	THEORIES OF PUBLIC EXPENDITURE Meaning and Scope of Public Expenditure - Difference between Public and Private Expenditure -Theories of Public Expenditure - Adolph Wagner Hypothesis - Peacock and Wiseman Hypothesis - Colin Clark - Reasons for the growth of Public Expenditure - Effects of Public Expenditure - Cannons and Evaluation of Public Expenditure.	20
III	TAXATION AND PUBLIC DEBT Meaning of Public Revenue-Sources of Public Revenue- Effects and Incidence of Taxation-Taxable Capacity-Direct and Indirect taxes- Ability to Pay Theory - Cannons and Principles of Taxation- Classification and Sources of public debt–Burden of Public debt–Principles of Public debt-Role of Public Debt in developing country - Methods of Repayment of Public Debt - Debt Management - Compensatory aspects of Public debt Policy	20
IV	FISCAL POLICY Objectives and Instruments of Fiscal Policy -Compensatory Fiscal policy - Fiscal Policy for Economic stability and growth - Effectiveness of Fiscal Policy- Fiscal federalism - Role of Finance Commission – Principles - Recommendations of 14th Finance Commission and Terms of Reference of the 15th Finance Commission	18
V	FINANCIAL ADMINISTRATION Indian Public Finance - Financial Autonomy in India – Tax Reform proposals of Kelkar Committee Tax Structure- Resource Transfer from Union to State of Tamil Nadu – VAT – Merits and Demerits- GST design and Impact - Fiscal responsibilities of Central and State- FRBM Act 2003- Central and State government Budgets -issues of Fiscal Deficit	18
Total		90
Course Outcomes		Knowledge Level

CO	On completion of this course, students will	
1	Understand the concept and distinction of Public Finance	K1,K2,K3,K4,K5
2	Analyze the theories of Public Expenditure.	K1,K2,K3,K4,K5
3	Recognize the sources of Public Revenue and evaluate the Management of Public Debt.	K1,K2,K3,K4,K5,K6
4	Review the Fiscal Policy and Finance Commission.	K1,K2,K3,K4,K5,K6
5	Understand the Financial Administration and Evaluate the Fiscal responsibility and Budget Management.	K1,K2,K3,K4,K5,K6
K1-Knowledge, K2-Understand, K3-Apply, K4- Analyze, K5- Evaluate, K6- Create		
Textbooks		
1.	Tyagi B.P., <i>Public Finance</i> , Jai Prakash Nath & Company, 2014	
2.	Amerash Bagchi (2005), Readings in <i>Public Finance</i> , Oxford University Press, New Delhi	
3.	Mankar V.G, and Suseela Sarrma, <i>Public Finance - Theory and Practice</i> , Himalaya Publishing House, Mumbai, 2001	
4.	R.K.Lekhi & Johinder Singh, <i>Public Finance</i> , Kalyani Publishers,New Delhi,2011	
Reference Books		
1.	Agarwal A.N. <i>Indian Economy- Problems of development and Planning</i> , Wishva Prakasan, New Delhi, 2014	
2.	Bhatia H.L, <i>Public Finance</i> , Vikas Publishing HousePvt., Ltd,2007. Tyagi B.P., <i>Public Finance</i> , Jai Prakash Nalt& co., Meerut, 2016	
3.	Musgrave R.A and P.A Musgrave, <i>Public Finance in Theory and Practice</i> , MC Graw-Hill, Kogakusha, Tokyo, 1989	
4.	Rao, M. Govida and Nirvikar Singh, (2005), <i>The Political Economy of Federalism in India</i> , Oxford University Press, New Delhi	
5.	Government of India, Economic Survey (Annual issues). Ministry of Finance, New Delhi. Tamil Nadu State Council for Higher Education	
e-Resources		
1.	https://finmin.nic.in/	

Mapping with Programme Outcomes:

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

Strong-3 Medium-2 Low-1

Level of Correlation between PSO's and CO's

CO /PSO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	2	3	3
CO2	3	3	3	2	1
CO3	3	2	2	1	3
CO4	3	3	1	1	2
CO5	3	3	1	2	2

Strong-3 Medium-2 Low-1

COURSE CONTENTS AND LECTURE SCHEDULE

Module No.	Topic	No. of Lectures
UNIT - I		
1.1	Public Finance – Meaning – Distinction between Private and Public Finance	3
1.2	Role of Public Finance in Developing Country - Importance of Public Finance -	4
1.3	Merit goods – Social goods	4
1.4	Public goods and Externalities.	3
UNIT - II		
2.1	Meaning and Scope of Public Expenditure - Difference between Public and Private Expenditure	5
2.2	Theories of Public Expenditure– Adolph Wagner Hypothesis - Peacock and Wiseman Hypothesis - Colin Clark	5
2.3	Reasons for the growth of Public Expenditure	2
2.4	Effects of Public Expenditure	3
2.5	Cannons and Evaluation of Public Expenditure.	5
UNIT - III		
3.1	Meaning of Public Revenue – Sources of Public Revenue debt policy.	4
3.2	Effects and Incidence of Taxation – Taxable Capacity	3
3.3	Direct and Indirect taxes – Ability to pay theory - Cannons and Principles of Taxation	4
3.4	Classification and Sources of public debt–Burden of public debt–Principles of public debt.	5
3.5	Role of Public Debt in developing country - Methods of repayment of Public Debt .	4
UNIT - IV		
4.1	Objectives and Instruments of Fiscal policy – Compensatory Fiscal policy	4
4.2	Fiscal policy for Economic stability and growth– Effectiveness of fiscal policy- Fiscal federalism	5
4.3	Role of finance commission – Principles	4
4.4	Recommendations of 14th Finance Commission and Terms of Reference of the 15th Finance Commission.	5
UNIT - V		
5.1	Indian Public Finance - Financial Autonomy in India	2
5.2	Tax Reform proposals of Kelkar Committee Tax structure - Resource transfer from union to state of Tamil Nadu	5
5.3	VAT – Merits and Demerits- GST design	5
5.4	Fiscal responsibilities of central and state	2
5.5	FRBM Act 2003- Central and State government Budgets –	4

	issues of fiscal deficit.	
Total		90

Course Designer

Name: Dr. WASEEMA YASEEN

Assistant Professor of Economics

Course Code	Course Title	Category	Hours	Credits	Marks		
					CIAE	TEE	Total
26PECGE11	RURAL ECONOMICS	Generic Elective - I	6	3	25	75	100

Course Objectives		
To focus on to the students understanding the methods are enhancing the quality of life and financial well-being of the individual and also how to develop agricultural sector in the rural areas in the country		
UNIT	Contents	No. of Hours
I	INTRODUCTION TO RURAL ECONOMICS Nature and Scope of Rural Economics - Inter-disciplinary approach of Rural Economics –Components - Structure and Characteristic Interdependence between rural and urban economy- Factors Affecting Rural Growth	18
II	RURAL RESOURCES AND DEVELOPMENT Rural Resources: Nature, Types and Magnitude - Rural Resources Management and Development - Application of Technology in Rural Development – Problems and prospects - Gandhian Approach to Rural Development.	18
III	RURAL DEMOGRAPHY AND OCCUPATIONAL STRUCTURE Demography: Population Size, Sex and Age Composition - Density of Population- Population Problems and Challenges – Family Welfare Measures in Rural India - Occupational Structure: Nature of Rural Occupations - Occupational Distribution in Rural India.	18
IV	RURAL POVERTY AND UNEMPLOYMENT Rural Poverty: Meaning, Estimates, Causes and Consequences – Unemployment: Meaning, Types and Magnitude of Rural Unemployment - Causes and Consequences - National Programmes for Rural Development - Community Development Programmes and Employment Guarantee Schemes.	18
V	RURAL EMPOWERMENT PROGRAMMES Bharat Nirman, Provisions of Urban Amenities in Rural Area (PU RA),Mahatma Gandhi National Rural Employment Guarantee Act – TRYSEM – IRDP – Agencies for Rural Development: Government, Co-Operative Institutions, Non-Government Organisations and Voluntary Agencies for Rural Development	18
Total		90
Course Outcomes		Knowledge Level
CO	On completion of this course, students will	
1	To make use of knowledge about the indicators are contributed to the rural development. And to solving the problems related to rural development in the country	K1,K2,K3,K4,K5

2	To perceive and analyze the students in which measures are rectifying the rural poverty and inequality, better usage of available resources in the nations.	K1,K2,K3,K4,K5
3	To analyze and understanding the different Institutional support to improve the rural economic development.	K1,K2,K3,K4,K5,K6
4	To explain the role and evaluation of administrative support to the rural economic growth.	K1,K2,K3,K4,K5,K6
5	To analyze and applicability of the implementation of what are the policies essential to promoting better socio and economic conditions.	K1,K2,K3,K4,K5,K6
K1-Knowledge, K2-Understand, K3-Apply, K4- Analyze, K5- Evaluate, K6- Create		
Textbooks		
1.	Vasant Desai: <i>Rural Development in India</i> , Himalaya Publishing House, Mumbai, 2012.	
2.	Dutt and Sundaram- <i>Indian Economy</i> , S.Chand Publications, New Delhi, 2013-07-02.	
Reference Books		
1.	Singh, K., & Shishodia, A. (2016). <i>Rural development: Principles, policies, and management</i> . SAGE Publishing India.	
2.	Hoff, K., Braverman, A., & Stiglitz, J. E. (1993). <i>The economics of rural organization</i> . Oxford: Oxford University Press.	
3.	Hill, B., & Ray, D. (1987). <i>Economics for agriculture: food, farming and the rural economy</i> . Basingstoke, UK: Macmillan Education	
e-Resources		
1.	https://www.kobo.com/us/en/ebooks/public-finance	

Mapping with Programme Outcomes:

CO /PO	P01	P02	P03	P04	P05
C01	3	3	2	1	3
C02	3	3	2	3	1
C03	2	3	3	1	3
C04	3	3	3	1	2
C05	3	3	3	2	1

Strong-3 Medium-2 Low-1

Level of Correlation between PSO's and CO's

CO /PSO	PS01	PS02	PS03	PS04	PS05
C01	1	3	2	3	3
C02	2	1	3	3	3
C03	1	3	3	2	3
C04	3	2	1	3	3
C05	3	3	1	3	2

Strong-3 Medium-2 Low-1

COURSE CONTENTS AND LECTURE SCHEDULE

Module No.	Topic	No. of Lectures
UNIT - I		
1.1	Concepts, Pattern of Development - Pattern of Planning	6
1.2	Indicators of rural development	6
1.3	Features of the process of development in different sectors	6
UNIT - II		
2.1	Poverty, inequality, unemployment and Regional Disparities	4
2.2	Land Reform measures	3
2.3	Size of land holding, better utilization of inputs	3
2.4	Rural Industrialization	4
2.5	Small scale and Cottage industries – Economic reforms	4
UNIT - III		
3.1	Panchayat Raj and Co-operatives	5
3.2	NGO's and People participation	5
3.3	Self Help Groups	4
3.4	Social and Welfare Organization	4
UNIT - IV		
4.1	Development of Administrative set up	4
4.2	DRDA - SIRD – BDO	5
4.3	Development of adequate Community leadership	4
4.4	Rural Development Programmes Implementation, Monitoring and Evaluation	5
UNIT - V		
5.1	Rural Health Care Policy	6
5.2	Technology Development Policy	6
5.3	Conservation, Promotion of environment and Integrated development	6
Total		90

Course Designer

Name: Dr.V. PARAMASIVAN

Associate Professor of Economics

Course Code	Course Title	Category	Hours	Credits	Marks		
					CIAE	TEE	Total
26PECGE12	LEGAL ECONOMICS	Generic Elective - I	6	3	25	75	100

Course Objectives		
In order to understand the basic tools and methods of economic analysis both Micro Macro levels. It is imperative to understand the basic provision of law relating to consumer activities, business organization, and Land property custom duties and direct foreign Investment		
UNIT	Contents	No. of Hours
I	INTRODUCTION OF LAW Introduction - Economic Reasoning law - Law and Economic Activity - Importance of Law - Legal Reasoning - Market Efficiency and Failure - Welfare Economics – Case Therom, Compensation Principle.	18
II	LAW AND LEGAL INSTITUTIONS The civil Law- Evolution-Courts - Economic Theory Crime and Punishment - Efficient Punishment – Corruption - and Human Rights - GATT, WTO - TRIPS AND Trims - National Security policy 2013 – Export Import Policy -Customs duties - MNC’S and Direct Foreign Investment	18
III	LAW CONSUMER’S ACTIVITIES Economic Theory of contract - Economic Rule of contract – Remedies – Incentives – Formation -defenses and performance excuses - Law Tort - Tort ability and Economic Models - Consumer Protection and Consumer Courts	18
IV	LAW AND BUSINESS ORGANISATIONS Introduction of Firm -Business Firm - Structure of firm - Sole Ownership – Partnership -Holding, company – Corporation - cooperative Firm - Capital shares and debentures - RBI, MRTP, SEBL	18
V	MACRO ECONOMICS AND LAW Law and distribution of income and wealth - Economic and Social Costs Poverty –Taxation and Efficiency –International Environment Agreements – Disinvestment in PSUs	18
Total		90
Course Outcomes		Knowledge Level
CO	On completion of this course, students will	
1	Enable to acquaint with Economics and Law Relationship	K1,K2,K3,K4,K5
2	Develop understanding of legal reasoning of different laws.	K1,K2,K3,K4,K5
3	Get skill about application of Different laws	K1,K2,K3,K4,K5,K6
4	Equip fully with the Thoughts on Law and Business Organizations.	K1,K2,K3,K4,K5,K6
5	Acquire the basic knowledge of macro– Economics Law.	K1,K2,K3,K4,K5,K6

	development.
K1-Knowledge, K2-Understand, K3-Apply, K4- Analyze, K5- Evaluate, K6- Create	
Textbooks	
1.	Agarwal,V.K(2000), <i>Bharat consumer Protection Law and Practises</i> ,4 th edition, BLH Publishers ,Distributors,Pvt ,New Delhi
2.	Kumar Environmental Problems, <i>Protection and Controls</i> (Vol1.1 Annual publications Pvt, New Delhi
Reference Books	
1.	Cooter,R.D and T.S .Vlen (2000, <i>Law and Economics</i> Wesley,New York
2.	Posner,R.A and F.Parist, <i>Law and Economics</i> Edward Elgar PublishingLtd,UK
3.	Agarwal,V.K(2000), <i>Bharat consumer Protection Law and Practises</i> , 4 th edition, BLH Publishers ,Distributors, Pvt , New Delhi
4.	Kumar Environmental Problems, <i>Protection and Controls</i> (Vol1.1Annual publications Pvt ,New Delhi
e-Resources	
1.	https://legal-economics.com/

Mapping with Programme Outcomes:

CO /PO	P01	P02	P03	P04	P05
C01	3	2	3	3	1
C02	2	3	3	3	1
C03	3	3	3	1	3
C04	1	2	3	3	2
C05	3	3	2	3	1

Strong-3 Medium-2 Low-1

Level of Correlation between PSO's and CO's

CO /PSO	PS01	PS02	PS03	PS04	PS05
C01	3	2	3	3	1
C02	3	3	2	1	3
C03	3	3	3	3	2
C04	3	3	3	3	3
C05	2	3	1	3	3

Strong-3 Medium-2 Low-1

COURSE CONTENTS AND LECTURE SCHEDULE

Module No.	Topic	No. of Lectures
UNIT - I		
1.1	Introduction – Economic Reasoning law	4
1.2	Law and Economic Activity -Importance of Law - Legal Reasoning	5

1.3	Market Efficiency and Failure - Welfare Economics	4
1.4	Coase Theorem, Compensation - Principle	5
UNIT - II		
2.1	The civil Law – Evolution – Courts - Economic Theory	3
2.2	Crime and Punishment - Efficient Punishment – Corruption - and Human Rights	5
2.3	GATT,WTO-TRIPS And Trims - National Security Policy 2013	6
2.4	Export Import Policy – Customs Duties	2
2.5	MNC'S and Direct Foreign Investment	2
UNIT - III		
3.1	Economic Theory of Contract - Economic Rule of Contract	4
3.2	Remedies – Incentives - Formation- Defences and Performance excuses	6
3.3	Law Tort -Tortability and Economic Models	4
3.4	Consumer Protection and Consumer Courts	4
UNIT - IV		
4.1	Introduction of Firm – Business Firm - Structure of Firm	5
4.2	Sole Ownership – Partnership - Holding	5
4.3	Company – Corporation – Cooperative Firm	4
4.4	Capital shares and debentures - RBI, MRTP, SEBL	4
UNIT - V		
5.1	Law and distribution of income and wealth	4
5.2	Economic and social costs poverty	5
5.3	Taxation and Efficiency	3
5.4	International Environment Agreements	4
5.5	Disinvestment in PSUs	2
Total		90

Course Designer

Name: Dr.P. PONMANI

Assistant Professor of Economics

Course Code	Course Title	Category	Hours	Credits	Marks		
					CIAE	TEE	Total
26PECC21	ADVANCED MICROECONOMICS - II	Core - V	6	5	25	75	100

Course Objectives		
Educate the graduates in real ms of price theory and analyzing the problems in economics. This course is to determine the students to have the knowledge in micro concepts and theoretical importance in the fields of micro economics		
UNIT	Contents	No. of Hours
I	THEORIES OF THE FIRM Bain's Limit Pricing Theory - Assumption - Model Descriptions - Source of Entry Barriers and Determination of limit price and Limitations - Managerial Discretion Model - Growth Maximization Model of Marris - Sales Revenue maximization model - Average Cost Pricing Theory	18
II	THEORIES OF DISTRIBUTION Marginal productivity Theory - Euler's Theorem - Ricardian Theory -Maxian Theory - Kalecki and Keynesian Theories of Distribution -Dynamic, Innovation and Risk Theories of Profit	18
III	WELFARE ECONOMICS Positive vs Normative Economics - Pigovian Welfare Economics - Pareto Optimal Conditions -Kaldor - Hicks Compensation Criterion - Scitovsky Paradox - Arrow's impossibility Theory - Theory of Second Best	18
IV	GENERAL EQUILIBRIUM AND GAME THEORY Equilibrium: Partial and General Equilibrium-Stability and Uniqueness- 2x2x2 Model -Game Theory - Two Person Constant Sum or Zero-Sum Game - Pay-off matrices and Strategies - Saddle Point - Pure and Mixed Strategies - Non-Constant Sum Game - Importance -Limitations of Game Theory	18
V	ECONOMICS OF RISK AND UNCERTAINTY Risk: Individual Consumer's Behavior Towards Risk - Measures to Reduce Risk - Gambling and Insurance - Choice Between Two - Asset Portfolio Selection- Search and Transaction Costs- Stigler's Model - Market with Asymmetric Information	18
Total		90
Course Outcomes		Knowledge Level
CO	On completion of this course, students will	
1	Assess the nature of the firm, models and how to fix the profit.	K1,K2,K3,K4,K5
2	Acquire knowledge about the Different theories distribution.	K1,K2,K3,K4,K5
3	Judge the allocation of resources for maximum social welfare.	K1,K2,K3,K4,K5,K6

4	Make enrich knowledge about the Equilibrium Concept and Game theory	K1,K2,K3,K4,K5,K6
5	Risk and uncertainty theory ability of ace the realities of life.	K1,K2,K3,K4,K5,K6
K1-Knowledge, K2-Understand, K3-Apply, K4- Analyze, K5- Evaluate, K6- Create		
Textbooks		
1.	M.L.Jhingan, <i>Advanced Economic Theory</i> , Vrinda Publications (P)Ltd.,2003.	
2.	Koutsoyiannis, <i>Modern Micro Economics</i> , ELBS with Macmillan, London,1979	
3.	M.L.Seth, <i>Advanced Economic Theory</i> , Lakshmi Narayan Agarwal Pub, Delhi	
Reference Books		
1.	Amos, Witztum, <i>Economics- An Analytical Introduction</i> , Oxford University press – Reprint, 2007	
2.	N.G. Mankiw, <i>Economics: Principles and Application</i> , Cengage Learning, Delhi, 2009	
3.	Dwivedi, <i>Micro Economic Theory and Applications</i> , Pearson Publications (P) Ltd	
e-Resources		
1.	http://saylordotorg.github.io/text_introduction-to-economic-analysis/s17-gamesand-strategic-behaviour.html	

Mapping with Programme Outcomes:

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

Strong-3 Medium-2 Low-1

Level of Correlation between PSO's and CO's

CO /PSO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	2	3	3
CO2	3	1	3	3	2
CO3	3	3	1	2	3
CO4	3	2	3	3	1
CO5	2	3	2	1	3

Strong-3 Medium-2 Low-1

COURSE CONTENTS AND LECTURE SCHEDULE

Module No.	Topic	No. of Lectures
UNIT - I		
1.1	Bain's Limit Pricing Theory–Assumption– Model Descriptions–Source of Entry Barriers and Determination of limit price	6

1.2	Managerial Discretion Model	3
1.3	Growth Maximization Model of Marris	3
1.4	Sales Revenue maximization model	4
1.5	Average Cost Pricing	2
UNIT - II		
2.1	Marginal productivity Theory	2
2.2	Euler's Theorem	3
2.3	Ricardian Theory	3
2.4	Marxian Theory	2
2.5	Kalecki and Keynesian Theories of Distribution	4
2.6	Dynamic, Innovation and Risk Theories of Profit	4
UNIT - III		
3.1	Positive vs Normative Economics	2
3.2	Pigovian Welfare Economics	3
3.3	Pareto Optimal Conditions	3
3.4	Kaldor-Hicks Compensation Criterion	3
3.5	Scitovsky Paradox-Arrow's impossibility Theory	4
3.6	Theory of Second Best	3
UNIT - IV		
4.1	Equilibrium: Partial and General Equilibrium -Stability and Uniqueness - 2x2x2 Model	4
4.2	Game Theory-Two Person Constant Sum or Zero-Sum Game - Pay-off matrices and Strategies	4
4.3	Saddle Point-Pure and Mixed Strategies	3
4.4	Non-Constant Sum Game	4
4.5	Importance-Limitations of Game Theory	3
UNIT - V		
5.1	Risk - Individual Consumer's Behavior Towards Risk-Measures to Reduce Risk	4
5.2	Gambling and Insurance	3
5.3	Choice Between Two-Asset Portfolio Selection	4
5.4	Search and Transaction Costs	3
5.5	Stigler's Model-Market with Asymmetric Information	4
Total		90

Course Designer

Name: Ms.S. SAGETHA PARVIN

Assistant Professor of Economics

Course Code	Course Title	Category	Hours	Credits	Marks		
					CIAE	TEE	Total
26PECC22	ADVANCED MACROECONOMICS - II	Core - VI	6	5	25	75	100

Course Objectives		
To understand and analyze the concepts of demand supply of Money and its role play in the determination for value of commodity and also to examine the how macro policy dominant to determination and growth of the nation's economy		
UNIT	Contents	No. of Hours
I	THEORIES OF DEMAND FOR MONEY Origin of Money and its definitions- Classical approach to demand for money: Quantity theory approach - Fisher's equation- Cambridge - Keynes approach to demand for money-Liquidity Preference approach-Friedman modern quantity theory-Patinkin real balance effect-approaches to Boumol and Tobins	18
II	THEORIES OF SUPPLY OF MONEY Banking system - Money supply - Determinates of money supply - The H Theory of Money supply - Factors affecting 'H' - Credit controlling methods.	18
III	THEORY OF INFLATION Theories of inflation Classical, Keynesian, Monetary Approaches to Inflation-Measures to control Inflation in an UDC's-The economic effect of inflation	18
IV	THEORY OF UNEMPLOYMENT Keynes theory of unemployment - Aggregate demand function-Aggregate supply function-Philips curve analysis-Friedman -Tobins and Solow Modified Philips curve- Natural rate of unemployment hypothesis.	18
V	MACRO ECONOMIC POLICIES Monetary Policy- Fiscal Policy-Income Policy- Need and effectiveness of monetary policy-Instruments of Monetary Policy - Crowding out theory	18
Total		90
Course Outcomes		Knowledge Level
CO	On completion of this course, students will	
1	To make use of knowledge about the various monetary economist equations and how it should be incorporate with value of money, value of commodity, Prices of goods & services.	K1,K2,K3,K4,K5
2	To perceive and analyze the students about system of money, supply of money and its credit creation through bank.	K1,K2,K3,K4,K5
3	To analyze and describe the different theories of inflation	K1,K2,K3,K4,K5,K6

	and its impact on purchasing power of the community and way to overcome from this inflation	
4	To explain the knowledge, gain about unemployment problems in the economy and what are the Macro theories associated with these contents.	K1,K2,K3,K4,K5,K6
5	To analyze the how fiscal, Monetary, Income policies are need and which one is more effective than others.	K1,K2,K3,K4,K5,K6
K1-Knowledge, K2-Understand, K3-Apply, K4- Analyze, K5- Evaluate, K6- Create		
Textbooks		
1.	<i>Macro Economics</i> - M.L. Jingan, Konark Publishers Pvt.Ltd, New Delhi	
2.	<i>Macroeconomic Theory</i> First Edition Jean-Pascal Benassy	
3.	<i>Macro-Economic Theory</i> , 13 th Edition by M.L Jhington	
Reference Books		
1.	Uma Datta Roy Choundry, <i>Accounting National Income</i> , Macmillan, Delhi	
2.	Oliver Jean Blanchand and Stanky Fischer, lectures on <i>Macro Economics</i> , Prentice Hall of India	
3.	<i>Macro Economics</i> – Thomas Mc Grow Hill, Inc	
4.	<i>Macro Economics</i> , N. Gregory Mankiw / Mark P. Tylor	
e-Resources		
1.	https://www.postkeynesian.net/post-keynesian-economics/	

Mapping with Programme Outcomes:

CO /PO	PO1	PO2	PO3	PO4	PO5
C01	3	3	2	1	3
C02	3	3	2	3	1
C03	2	3	3	1	3
C04	3	3	3	1	2
C05	3	3	3	2	1

Strong-3 Medium-2 Low-1

Level of Correlation between PSO's and CO's

CO /PSO	PSO1	PSO2	PSO3	PSO4	PSO5
C01	1	3	3	2	3
C02	2	3	2	3	3
C03	1	3	3	2	3
C04	2	1	3	3	3
C05	2	3	1	3	3

Strong-3 Medium-2 Low-1

COURSE CONTENTS AND LECTURE SCHEDULE

Module No.	Topic	No. of Lectures
UNIT - I		
1.1	Origin of Money and its Definitions	1

1.2	Classical approach to demand for money	1
1.3	Quantity theory approach - Fisher's equation	2
1.4	Cambridge	2
1.5	Keynes approach to demand for money	2
1.6	Liquidity Preference approach	2
1.7	Friedman modern quantity theory	2
1.8	Patinkin real balance effect,	2
1.9	Approaches to Boumols and	2
1.10	Tobin's	2
UNIT - II		
2.1	Banking system	3
2.2	Money supply	3
2.3	Determinates of money supply	3
2.4	The H Theory of Money supply	3
2.5	Factors affecting 'H'	3
2.6	Credit controlling methods.	3
UNIT - III		
3.1	Theories of inflation	5
3.2	Classical, Keynesian, Monetary Approaches to Inflation	4
3.3	Measures to control Inflation in an UDC's	4
3.4	The economic effects of inflation	5
UNIT - IV		
4.1	Keynes theory of unemployment,	3
4.2	Aggregate demand function	3
4.3	Aggregate supply function,	3
4.4	Philips curve Analysis, Friedman,	3
4.5	Tobin's and Solow Modified Philips curve	3
4.6	Natural rate of unemployment hypothesis. Analysis-Friedman.	3
UNIT - V		
5.1	Monetary Policy- Fiscal Policy-Income Policy	5
5.2	Need and effectiveness of monetary policy	5
5.3	Instruments of Monetary Policy	4
5.4	Crowding out theory	4
Total		90

Course Designer

Name: Dr.V. PARAMASIVAN

Assistant Professor of Economics

Course Code	Course Title	Category	Hours	Credits	Marks		
					CIAE	TEE	Total
26PECCC23	QUANTITATIVE METHODS - II	Core - VII	6	5	25	75	100

Course Objectives		
To enable the students to understand the theoretical concepts of Mathematics. To apply the practical applications of mathematical in research.		
UNIT	Contents	No. of Hours
I	PROBABILIITY DISTRIBUTION History of probability - A priori an A posteriori probabilities - Addition a Multiplication Theorem - Conditional probability. Discrete a continuous random variables -Expected value Binominal. Poisson a normal distribution-Definition and properties (without problems)	12
II	SAMPLING DISTRIBUTION Introduction of Sampling - Random and non-random sampling methods-sampling and non-sampling errors sampling distribution of mean, proportion and correlation coefficient-Standard Error (SE)-point and interval estimates-Central Limit Theorem	12
III	HYPOTHESIS TESTING Hypothesis – Importance of hypothesis-Formulation of hypothesis-simple and composite hypothesis, testing of hypothesis-steps involved-type I error and type II error, Z - test for sample-Mean-test two sample mean –sample mean paired t test –F-test - Chi-square tests.	20
IV	SIMPLE LINEAR REGRESSION Meaning – Definition – uses -Simple linear regression model- assumptions –Ordinary least square (OLS) method of estimation, properties of a goos Estimators – properties of OLS Estimators-Gauss Markav theorem, Goodness of fit- R^2 -Significance of regression coefficients (without problems).	23
V	COMPOUND GROWTH RATE Introduction of Growth Rate - Multiple linear regression model- assumptions – R^2 and adjusted R^2 definition and concept of multi collinearity. heteroscedastic and autocorrelation–consumption function and cob- Douglas production function- methods of estimating cob-Douglas production function	23
Total		90
Course Outcomes		Knowledge Level
CO	On completion of this course, students will	
1	Improve the students an discuss the discrete the various continuous random variables	K1,K2,K3,K4,K5
2	Get the ideas about sample and sampling distributions of difference aspects.	K1,K2,K3,K4,K5

3	Apply the knowledge and ability of statistical hypothesis.	K1,K2,K3,K4,K5,K6
4	Focus cover the practical an application of simple linear regression.	K1,K2,K3,K4,K5,K6
5	Analysis and apply the ideascob-Douglas production function	K1,K2,K3,K4,K5,K6
K1-Knowledge, K2-Understand, K3-Apply, K4- Analyze, K5- Evaluate, K6- Create		
Textbooks		
1.	Mehta – Madnani, <i>Mathematics for Economists</i> , Sultan Chand & Sons, New Delhi, 2005 8th Edition	
2.	D Bose, <i>An Introduction to Mathematical Economics</i> , Himalaya Publishing House, 1996, 1st Edition	
3.	V Sundaresan, S D Jeyaseelan, <i>An Introduction to Business Mathematics</i> , Schand & Company Ltd, Ram Nagar, New Delhi, 2002, 8th Edition	
Reference Books		
1.	R G D Allen, <i>Mathematics Analysis for Economics</i> , 3rd Edition, Macmillan India Ltd, 1999	
2.	Taro Yamane, <i>Mathematics for Economists – An Elementary Survey</i> , 3rd Edition, Prentice Hall of India Pvt. Ltd, 1990	
e-Resources		
1.	https://egyankosh.ac.in/bitstream/123456789/101422/1/Block-4.pdf	

Mapping with Programme Outcomes:

CO /PO	P01	P02	P03	P04	P05
CO1	1	3	3	2	3
CO2	3	3	1	3	2
CO3	3	3	3	2	2
CO4	3	2	3	1	3
CO5	2	3	3	3	1

Strong-3 Medium-2 Low-1

Level of Correlation between PSO's and CO's

CO /PSO	PS01	PS02	PS03	PS04	PS05
CO1	2	3	3	3	1
CO2	3	2	3	3	3
CO3	3	1	3	3	2
CO4	3	2	1	3	3
CO5	1	3	2	2	3

Strong-3 Medium-2 Low-1

COURSE CONTENTS AND LECTURE SCHEDULE

Module No.	Topic	No. of Lectures
UNIT - I		
1.1	History of probability-ApriorianA posteriori probabilities	2
1.2	Addition and Multiplication Theorem	2
1.3	Conditional probability	1
1.4	Discrete and continuous random variables	1
1.5	Expected value Binominal, Poisson an normal distribution	3
1.6	Definition and properties(without problems)	3
UNIT - II		
2.1	Introduction of Sampling-Random and non-random sampling method	2
2.2	Sampling and non-sampling errors sampling distribution of mean	2
2.3	Proportion and correlation coefficient	1
2.4	Standard Error(SE)	1
2.5	Point and interval estimates	2
2.6	Central Limit Theorem	2
2.7	Construction interpretation of confidence interval	2
UNIT - III		
3.1	Hypothesis–Importance of hypothesis- Formulation of hypothesis	3
3.2	Simple and composite hypothesis,	2
3.3	Testing of hypothesis	3
3.4	Steps involved- type I error and type II error	3
3.5	One tailed test and two tailed test, Ztest for sample	3
3.6	Mean- test two sample mean, sample mean paired t test	3
3.7	F-test for sample mean test for two sample mean Chi-square tests.	3
UNIT - IV		
4.1	Meaning–Definition–uses-Simple linear regression model	4
4.2	Assumptions	2
4.3	Ordinary least square (OLS) method of estimation, properties of a good Estimators	4
4.4	Properties of OLS Estimators	3
4.5	Gauss Markavtheorem	3
4.6	Goodness of fit	3
4.7	R^2 -Significanceofregressioncoefficients (without problems).	4
UNIT - V		
5.1	Introduction of Growth Rate- Multiple linear regression	4

	model	
5.2	Assumptions, R^2	2
5.3	Adjusted R^2 definition and concept of multi - collinearity.	3
5.4	Heteroscedasticity and autocorrelation	3
5.5	Consumption function and cob-Douglas production function	4
5.6	Methods of Estimating cob-Douglas production function	3
5.7	Introduction of Growth Rate-Multiple linear regression model	4
Total		90

Course Designer

Name: Dr.P. PONMANI

Assistant Professor of Economics

Course Code	Course Title	Category	Hours	Credits	Marks		
					CIAE	TEE	Total
26PECCC24	RESOURCE ECONOMICS	Core - VIII	6	4	25	75	100

Course Objectives		
The course aims to introduce the main concepts in ecology and resource economics, equip students with through analytical grasp on environmental policy and highlights the issues in valuation of environmental quality and the impact of economic growth on the environment is also addressed under the rubric of sustainable development		
UNIT	Contents	No. of Hours
I	ECOLOGY AND ENVIRONMENT Ecology – Meaning and Definition Environment - Nature and Scope of Environmental Economics – Ecosystems –Land Resources in India - Types of soil- Land Resource Classification- Land Degradation and soil Erosion-Preventive Measures	15
II	ROLE OF RESOURCES IN ECONOMIC DEVELOPMENT Forest Resources-Role of Forests in Economic Development-Forest cover in India – Deforestation-Effects of Deforestation-Urban Forestry - Objectives of Urban Forestry- Social Forestry-Constraints in Social Forestry - Collective Participatory Forest Management – Recent National Forest Policy Act. Impact of Economic Growth on Environment, Sustainable Development – Concepts, Measurements, Perspectives from Indian Experiences. Resource Mapping: GIS and Remote Sensing Data - Natural Resource Policies and Programmes	21
III	WATER RESOURCES IN INDIA Water Resources in India -Surface Water –Ground Water –Water Demand and Utilisation- Water Resource Planning- Multi – Objective Approach-Benefit Cost Ratio-Capital outlay-Environmental Impact Assessment (EIA)-Manageability of the project-Sustainable Water Management-Recent National Water Policy	18
IV	MINERAL RESOURCES Mineral Resources- Metallic Minerals – Non-Metallic Minerals – Mineral Fuels-Environmental Costs of Extracting Mineral Resources-Environmental Impacts of Mineral Resource Extraction and Use-Mineral Conservation and Development Rules (1988)	16
V	CONSERVATION AND MANAGEMENT OF NATURAL RESOURCES Conservation and Management of Natural Resources - Meaning and Objectives of Conservation. Conservation of Renewable Resources: Soil Conservation- Water Conservation -Forests Conservation-Fish Conservation-Biodiversity Conservation. Conservation of Non-Renewable Resources: Energy Conservation-Mineral Conservation. Green Initiatives- Recycle and Reuse - Green Marketing - Clean	20

	Technology - Transfer of Technology-National Resource Efficiency Policy of India	
	Total	90
Course Outcomes		Knowledge Level
CO	On completion of this course, students will	
1	Learn the concepts of Ecology and Environment.	K1,K2,K3,K4,K5
2	Assess the availability of Forest resources and understand the methods to conserve the resources	K1,K2,K3,K4,K5
3	Understand the water resources in the country and and its impacts on Environment.	K1,K2,K3,K4,K5,K6
4	Trace the Mineral Resources in the country.	K1,K2,K3,K4,K5,K6
5	Understand and evaluate the Conservation and Management of Natural Resources.	K1,K2,K3,K4,K5,K6
K1-Knowledge, K2-Understand, K3-Apply, K4- Analyze, K5- Evaluate, K6- Create		
Textbooks		
1.	Tieten berg. T and L.Lewis, <i>Environmental and Natural Resource Economics</i> , Pearson Education,2008.	
2.	M.L.Jhingan, Chandar K.Sharma (2007) Environmental Economics Theory, Management and Policy, Vrindha Publications, New Delhi	
3.	John M.Kerr, <i>Natural Resource Economics</i> , Oxford and IBH, New Delhi, 1997.	
4.	Ramprasad Sengupta, <i>Ecology and Economics and Approach to sustainable Development</i> , Oxford University Press, New Delhi, 2012	
Reference Books		
1.	Jon .M.Conrod (2010), <i>Resource Economics</i> , Cambridge University Press,U.K	
2.	Barry C Field, <i>Environmental Economics</i> , Mc Graw Hill, New Delhi, 2012	
3.	Sharma P.D, <i>Ecology and Environment</i> , Rastogi Publications, Meerut,2012.	
4.	John C.Bergstrom& Alan Randall (2010), <i>Resource Economics</i> –An Economic Approach to Natural Resource and Environmental Policy, Edward Elgar Pub,Ltd	
5.	M.L.Jhingan, <i>Environmental Economics</i> , Vrinda publications Pvt Ltd, Mayur Vinar Phase – I Delhi, 2008	
e-Resources		
1.	https://www.india.gov.in/topics/environment-forest/natural-resources	

Mapping with Programme Outcomes:

CO /PO	P01	P02	P03	P04	P05
C01	3	3	2	1	1
C02	3	3	2	3	1
C03	3	3	2	1	1
C04	3	3	1	3	3
C05	1	1	3	2	3

Strong-3

Medium-2

Low-1

Level of Correlation between PSO's and CO's

CO /PSO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	2	1	3	3
CO2	3	3	2	2	3
CO3	3	2	1	3	3
CO4	3	3	1	3	2
CO5	2	2	1	3	3

Strong-3 Medium-2 Low-1

COURSE CONTENTS AND LECTURE SCHEDULE

Module No.	Topic	No. of Lectures
UNIT - I		
1.1	Ecology – Meaning and Definition Environment - Nature and Scope of Environmental Economics	3
1.2	Ecosystems –Land Resources in India	3
1.3	Types of soil- Land resource Classification.	5
1.4	Land degradation and soil Erosion-Preventive Measures	4
UNIT - II		
2.1	Forest Resources-Role of Forests in Economic Development- Forest cover in India.	3
2.2	Deforestation-Effects of Deforestation-Urban Forestry - Objectives of Urban Forestry- Social Forestry-Constraints in Social Forestry	4
2.3	Collective Participatory Forest Management -Recent National Forest Policy Act.	4
2.4	Impact of Economic Growth on Environment, Sustainable development	4
2.5	Concepts, Measurements, Perspectives from Indian experiences.	3
2.6	Forest Resources-Role of Forests in Economic Development- Forest cover in India.	3
UNIT - III		
3.1	Water Resources in India -Surface Water - Ground Water – Water Demand and Utilisation.	4
3.2	Water Resource Planning- Multi –objective Approach- Benefit Cost Ratio-Capital outlay.	5
3.3	Environmental Impact Assessment (EIA)-Manageability of the project	4
3.4	Sustainable Water Management-Recent National Water Policy.	5
UNIT - IV		
4.1	Mineral Resources- Metallic Minerals-Non Metallic Minerals	4
4.2	Mineral Fuels-Environmental Costs of Extracting Mineral	5

	Resources	
4.3	Environmental Impacts of Mineral Resource Extraction and Use	4
4.4	Mineral Conservation and Development Rules (1988).	3
UNIT - V		
5.1	Conservation and Management of Natural Resources - Meaning and objectives of Conservation.	3
5.2	Conservation of Renewable Resources: Soil conservation- Water conservation -Forests conservation -Fish Conservation-Biodiversity Conservation.	6
5.3	Conservation of Non- Renewable Resources: Energy Conservation-Mineral Conservation.	4
5.4	Green Initiatives - Recycle and Reuse - Green Marketing -	3
5.5	Clean Technology - Transfer of Technology-National Resource Efficiency Policy of India.	4
Total		90

Course Designer

Name: Dr. WASEEMA YASEEN

Assistant Professor of Economics

Course Code	Course Title	Category	Hours	Credits	Marks		
					CIAE	TEE	Total
26PECGE21	AGRICULTURAL ECONOMICS	Generic Elective - II	6	3	25	75	100

Course Objectives

The course intends to highlights the central aspects of the Agricultural Economics. It deals with the important aspects of agriculture in a growing economy, farm-size productivity relationship with price policy of agricultural market and bringing out the Inter-linkages involved therein

UNIT	Contents	No. of Hours
I	AGRICULTURE AND ECONOMIC DEVELOPMENT Nature – Scope of Agriculture and Rural Economics – Role of Agriculture in Economic Development – Interdependence between Agriculture and Industry – Cropping patterns - Agricultural production – Production Function - Linear Homogeneous Production Function – Properties – Cobb Douglas Production Function – Properties	19
II	ECONOMICS OF FARM MANAGEMENT Farm Management: Scope – Objectives - Types of Farming- Farm Size and Productivity- Causes for Low Productivity in Agriculture – Cooperative Farming - Measures to Improve Agricultural Productivity – Farm Budget - Farming Efficiency Measures	18
III	AGRICULTURAL MARKET AND PRICE POLICY Marketing Co-operatives – APMC Regulated Markets - Direct marketing, Contract farming and Retailing - Marketable Surplus – Problems of Marketing – Measures to Improve Agricultural Marketing – Agricultural Price-Objectives-Instruments-Recent Agricultural Price Policy	18
IV	AGRICULTURAL FINANCE Agricultural finance -Need -Sources of agricultural Finance - Importance – Problems of Agricultural Finance – Agricultural Financial Institutions – Commercial Banks –Co-operative Credit Institutions- Microfinance Institutions (MFI's) -RRBS – RBI – NABARD.	17
V	CURRENT ISSUES IN INDIAN AGRICULTURE Sustainable Agricultural Growth – Concepts – Constraints - Agrarian Crisis - Emerging Issues in Organic Farming - Issues in GM Crops - Food Security - Need for Food Security in India - Food Insecurity- Causes and Measures- Impact of WTO On Indian Agriculture.	18
Total		90
Course Outcomes		Knowledge Level

CO	On completion of this course, students will	
1	Learn the concept of agricultural economics with the models of agriculture development	K1,K2,K3,K4,K5
2	Understand the farm management and productivity problems in agricultural sector.	K1,K2,K3,K4,K5
3	Review the applicability of agricultural price policy and marketing.	K1,K2,K3,K4,K5,K6
4	Impart knowledge on the part of agricultural finance and evaluate the impact of agricultural financial institution.	K1,K2,K3,K4,K5,K6
5	Analyze the sustainable agricultural growth with recent trends in agriculture sector and food security issues.	K1,K2,K3,K4,K5,K6

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

Textbooks

1.	Ashok Rudra, <i>Indian Agriculture Economics</i> , Myths and Realities, Allied Publishers Mumbai, 1982
2.	Lekhi R.K, Jogindar Singh, <i>Agriculture Economics</i> , Kalyani Publishers, New Delhi, 2011
3.	Soni R.N, <i>Leading Issues In Agriculture Economics</i> , Arihant Press, Jalandhar, 2009

Reference Books

1.	Bala.G.S, Gurumail Singh, <i>Economic Liberalization and Indian Agriculture</i> , Sage Publishers, Pvt. Ltd, 2012
2.	Gulati.AandT.Kelly, Trade, <i>Liberalization and Indian Agriculture</i> , Sage Publishers New Delhi, 2001
3.	Rao.C.H, Hanumatha, <i>Agricultural Growth, Rura lPoverty and Environmental Degradation in India</i> , Oxford University Press, New Delhi, 1994
4.	Thakur. D.C, <i>Agricultural Sector Development</i> , Deep and Deep Publications, New Delhi, 1992

e-Resources

1.	https://rgu.ac.in/wp-content/uploads/2023/05/MAECO-508.pdf
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Mapping with Programme Outcomes:

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

Strong-3 Medium-2 Low-1

Level of Correlation between PSO's and CO's

CO /PSO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	1	2	3
CO2	3	1	2	3	1
CO3	3	3	1	2	3
CO4	3	3	1	2	1
CO5	3	2	3	3	3

Strong-3 Medium-2 Low-1

COURSE CONTENTS AND LECTURE SCHEDULE

Module No.	Topic	No. of Lectures
UNIT - I		
1.1	Nature – Scope of Agriculture and Rural Economics	2
1.2	Role of Agriculture in Economic Development – Interdependence between Agriculture and Industry	3
1.3	Cropping patterns - Agricultural production – Production Function	5
1.4	Linear Homogeneous Production Function – Properties	5
1.5	Cobb Douglas Production Function – Properties	4
UNIT - II		
2.1	Farm Management: Scope–Objectives- Types of Farming	4
2.2	Farm Size and Productivity-Causes for Low Productivity in Agriculture	5
2.3	Co-operative Farming-Measures to Improve Agricultural Productivity	5
2.4	Farm Budget-Farming Efficiency Measures	4
UNIT - III		
3.1	Agricultural Market – Marketable Surplus	5
3.2	Problems Of Marketing	2
3.3	Measures To Improve Agricultural Marketing	4
3.4	Agricultural Price–Objectives– Instruments	5
3.5	Recent Agricultural Price Policy	2
UNIT - IV		
4.1	Agricultural finance - Need - Sources of agricultural Finance	4
4.2	Importance - Problems of Agricultural Finance	4
4.3	Agricultural Financial Institutions -Commercial Banks - Co-operative Credit Institutions - Microfinance Institutions (MFI's)	5
4.4	RRBS - RBI - NABARD.	4
UNIT - V		
5.1	Sustainable Agricultural Growth– Concepts – Constraints	4
5.2	Agrarian Crisis – Emerging Issues in Organic Farming	4
5.3	Issues In GM Crops-Food Security	3
5.4	Need For Food Security in India-Food Insecurity- Causes and Measures	3
5.5	Impact of WTO on Indian Agriculture.	4
Total		90

Course Designer

Name: Dr. WASEEMA YASEEN

Associate Professor of Economics

Course Code	Course Title	Category	Hours	Credits	Marks		
					CIAE	TEE	Total
26PECGE22	REGIONAL ECONOMICS	Generic Elective - II	6	3	25	75	100

Course Objectives		
To equip the analytical skills required to analyse the regional economic issues and to understand Regional economic growth in India		
UNIT	Contents	No. of Hours
I	INTRODUCTION TO REGIONAL ECONOMICS Nature and Scope of Regional Economics – Regional Economics and Regional Science – Regional and Urban Economics: Need for a separate study of Regional Economics – Concept and Types of Regions: Administrative, Planning, Agro - Climatic, Economic and Functional Regions	18
II	APPROACHES TO REGIONAL GROWTH Approaches to Regional Growth: Models of Regional, Inter - regional and Multi - Regional models; Export Base Models – Location Theory - Gravity Models – Shift - Share Analysis	18
III	THEORIES OF REGIONAL ECONOMIC GROWTH Dualistic Models: Social Dualism – Labour surplus model of Arthur Lewis - Migration and Development: Harris-Todaro –Myrdal’s Cumulative – Regional Input-output models - New Economic Geography Models: Paul Krugman’s Model of Industrial Location and Development	18
IV	REGIONAL ECONOMIC GROWTH IN INDIA Administrative Regions in India: State, District, Taluk and Village; Urban and Rural Regions - Concept, Definition and Measure of State Income (GSDP) – Differences in estimation of National Income (GDP) and State Income (GSDP)	18
V	REGIONAL ASPECTS OF STABILIZATION AND GROWTH POLICY Cyclical Behaviour and Policy Measures for Stabilization - Tax and Transfer Programmes - Fiscal Responses of Power Level Governments - Regional Orientation to Policy Programmes and Central Responsibility	18
Total		90
Course Outcomes		Knowledge Level
CO	On completion of this course, students will	
1	Understand the Nature and scope of regional economics and its need	K1,K2,K3,K4,K5
2	Discuss the Models of regional, inter-regional and multi-Regional models	K1,K2,K3,K4,K5

3	Evaluate the various theories of regional economic growth	K1,K2,K3,K4,K5,K6
4	Describes the Measurement of interregional economic Growth at State level	K1,K2,K3,K4,K5,K6
5	Apply Regional Aspects of Stabilization and Growth Policy	K1,K2,K3,K4,K5,K6
K1-Knowledge, K2-Understand, K3-Apply, K4- Analyze, K5- Evaluate, K6- Create		
Textbooks		
1.	Capello Roberta.(2016). <i>Regional Economics</i> . Routledge (New York).	
2.	Temple, M.(1994). <i>Regional economics</i> . St. Martin's Press	
Reference Books		
1.	Harry W Richardson (1973): <i>Regional Growth Theory</i> , Mac millan	
2.	Harry W. Richardson. (1970). <i>Elements of Regional Economics</i> . Penguin Books (New York).	
3.	Harry W Richardson(1969): <i>Regional Economics</i> : Location theory, Urban structure and regional change, Weidenfeld & Nicolson (London)	
e-Resources		
1.	http://www.rri.wvu.edu/WebBook/Giarratani/contents.htm	

Mapping with Programme Outcomes:

CO /PO	P01	P02	P03	P04	P05
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

Strong-3 Medium-2 Low-1

Level of Correlation between PSO's and CO's

CO /PSO	PS01	PS02	PS03	PS04	PS05
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

Strong-3 Medium-2 Low-1

COURSE CONTENTS AND LECTURE SCHEDULE

Module No.	Topic	No. of Lectures
UNIT - I		
1.1	Nature and Scope of Regional Economics	4
1.2	Regional Economics and Regional Science	4
1.3	Regional and Urban Economics: Need for a separate study of Regional Economics	5

1.4	Concept and Types of Regions: Administrative, Planning, Agro - Climatic, Economic and Functional Regions	5
UNIT - II		
2.1	Approaches to Regional Growth	3
2.2	Models of Regional, Inter - Regional and Multi - Regional Models	4
2.3	Export Base Models	3
2.4	Location Theory - Gravity Models	4
2.5	Shift - Share Analysis	4
UNIT - III		
3.1	Dualistic Models: Social Dualism	4
3.2	Labour Surplus Model of Arthur Lewis - Migration and Development: Harris - Todaro	4
3.3	Myrdal's Cumulative- Regional Input - Output Models	5
3.4	New Economic Geography Models: Paul Krugman's Model of Industrial Location and Development	5
UNIT - IV		
4.1	Administrative Regions in India: State, District, Taluk and Village; Urban and Rural Regions	6
4.2	Concept, Definition and Measure of State Income(GSDP)	6
4.3	Differences in Estimation of National Income (GDP) and State Income (GSDP)	6
UNIT - V		
5.1	Cyclical Behaviour	4
5.2	Policy Measures for Stabilization	3
5.3	Tax and Transfer Programmes	3
5.4	Fiscal Responses of Power Level Governments	3
5.5	Regional Orientation to Policy Programmes and Central Responsibility	5
Total		90

Course Designer

Name: Dr.P. PONMANI

Assistant Professor of Economics