



HAJEE KARUTHA ROWTHER HOWDIA COLLEGE

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

Uthamapalayam, Theni District. Pin Code: 625 533.

DEPARTMENT OF ECONOMICS

MASTER OF ARTS – ECONOMICS

SYLLABUS

Choice Based Credit System – CBCS

(As per TANSCH/ MKU Guidelines)

with

Outcome Based Education (OBE)

(Academic Year 2020 -2021 onwards)

HAJEE KARUTHA ROWTHER HOWDIA COLLEGE

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

Uthamapalayam, Theni District. Pin Code: 625 533.

Name of the Programme: M.A. Economics

Choice Based Credit System (CBCS)

(As per TANSCH/ MKU Guidelines)

with

Outcome Based Education (OBE)

(with effect from the Academic Year 2020 – 2021)

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.

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

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 students 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 Outcomes (P0)

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

PS01	Utilizing the economic concepts in the day to day life for better living
PS02	Applying the economic theories in the work places and the homes to make better decisions and choices
PS03	Using entrepreneurial skills with communication to excel their profession
PS04	Showing continuous improvement in their professional career through life-long learning, appreciating human values and ethics
PS05	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, /B.Sc.,/ and B.E 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 - Elective papers in semesters I, II, III and IV respectively
- Part IV - Non- Major Elective papers in semester III

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
Seminar / Quiz / Assignment	- 05 Marks
Total	- 25 Marks

Pattern of Term End Examinations

(Max. Marks: 75 / Time: 3 Hours)

External Examinations Question Paper Pattern

Section – A (10 X 1 = 10 Marks)

Answer ALL questions.

- Questions 1 - 10
- Two questions from each unit
- Multiple choice questions and each question carries Four choices

Section – B (5 X 7 = 35 Marks)

Answer ALL questions choosing either A or B.

- Questions 11 - 15
- Two questions from each unit (either.... or.... type)
- Descriptive Type

Section – C (3 X 10 = 30 Marks)

Answer any THREE out of five questions.

- Questions 16 - 20
- One question from each unit
- Descriptive Type

Passing Marks

Minimum 34 for External Exam

Eligibility for the degree – passing minimum is **50%**

Project

Internal - 25 marks

External - 75 marks

Total - 100 marks

Passing minimum is 50%

Weightage

Weightage for Bloom's Taxonomy	Percentage	Marks	
		CIAE	TEE
Knowledge (Remembering) – K1	10	2	7
Understanding – K2	10	3	8
Applying – K3	20	5	15
Analyzing – K4	20	5	15
Evaluating – K5	40	10	30
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)	3 (3)	1 (a or b) (4)	-----	40 Marks
Understanding(K2)	3 (3)	1 (a or b) (4)	-----	
Apply(K3)	1 (1)	1 (a or b) (4)	1 (8)	
Analyzing (K4)	1 (1)	1 (a or b) (4)	1 (8)	
CIA Examinations conducted for 40 marks and converted to 20 marks				40/2 = 20
Evaluating (K5)	Seminar, Quiz/Assignments			10/2 = 5

Distribution of questions and marks for Term End Examinations

Bloom's Taxonomy	Section A	Section B	Section C	Total
Knowledge(K1)	7 (7)	-----	-----	Total 75 Marks
Understanding(K2)	1 (1)	1 (a or b) (7)	-----	
Apply(K3)	1 (1)	2 (a or b) (14)	-----	
Analyzing (K4)	1 (1)	2 (a or b) (14)	-----	
Evaluating (K5)	-----	-----	3 out of 5 (30)	

Note: Figures in parenthesis are Marks

Details of Course Category, Code, Credits & Title

Course Category	Course Code	Course Title	Hrs	CIAE	TEE	Max. Marks	Credits
Semester – I							
Part – III (OBE)							
Core – I	20PECC11	Micro Economics – I	6	25	75	100	5
Core – II	20PECC12	Macro Economics – I	6	25	75	100	5
Core – III	20PECC13	Quantitative Methods – I	6	25	75	100	4
Core – IV	20PECC14	Public Finance	6	25	75	100	5
Elective - I	20PECE11	Environmental Economics	6	25	75	100	4
	20PECE12	Health Economics					
	20PECE13	Entrepreneurial Economics					
Total			30			500	23
Semester –II							
Part – III (OBE)							
Core – V	20PECC21	Micro Economics – II	6	25	75	100	5
Core – VI	20PECC22	Macro Economics – II	6	25	75	100	5
Core – VII	20PECC23	Quantitative Methods – II	6	25	75	100	4
Core – VIII	20PECC24	International Economics	6	25	75	100	5
Elective - II	20PECE21	Agricultural Economics	6	25	75	100	4
	20PECE22	Managerial Economics					
	20PECE23	Gender, Development and Globalization					
Total			30			500	23

Course Category	Course Code	Course Title	Hrs	CIAE	TEE	Max. Marks	Credits
Semester – III							
Part – III (OBE)							
Core – IX	20PECC31	Industrial Economics	6	25	75	100	5
Core – X	20PECC32	Developmental Economics	6	25	75	100	5
Core – XI	20PECC33	Research Methodology	6	25	75	100	4
Elective - III	20PECE31	Computer application in Economics	6	25	75	100	4
	20PECE32	Economics of business Management					
	20PECE33	Globalization in India					
Part – IV							
NME	20PECN31	Major Economic Issues In India	6	25	75	100	3
Total			30			500	21
Semester – IV							
Part – III (OBE)							
Core – XII	20PECC41	Indian Economy	6	25	75	100	5
Core – XIII	20PECC42	Human Resource Development	6	25	75	100	4
Core – XIV	20PECC43	Foreign Exchange	6	25	75	100	5
Core – XV	20PECP41	Project	6	25	75	100	5
Elective - IV	20PECE41	Set and Net for Economics (Multiple choice questions only)	6	25	75	100	4
	20PECE42	Infrastructure Economics					
	20PECE43	Economics of Rural Development					
Total			30			500	23
Grand Total			120			2000	90

Course Code	Course Title	Category	Total Hours	Credits
20PECC11	Micro Economics – I	Core - I	90	5

Nature of Course	
Knowledge Oriented	✓
Skill Oriented	
Employability Oriented	
Entrepreneurship Oriented	

Course Relevance	
Local	
Regional	
National	✓
Global	

Preamble

Provide the knowledge in micro concepts and theoretical importance in the fields of micro economics. It analyses the economic behavior of individuals, firms and markets

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	The light of concepts with different types of economic models.	K1,K2
CO2	Acquainting with the conditions for consumer's equilibrium under cardinal and ordinal approach.	K1,K2
CO3	Different concepts relating to production helps to identify least cost input combinations.	K1,K2,K3
CO4	Inclusive study of various aspects of market theories, structure and determination of prices.	K1,K2,K4
CO5	Enlighten market structure and price mechanisms.	K1,K2,K3,K4,K5

K1-Knowledge K2-Understand K3-Apply K4- Analyse K5- Evaluate

Mapping of CO with PO

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

1-Low

2-Medium

3-Strong

Mapping of CO with PSO

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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

18 Hours

BASIC CONCEPTS: Micro - Macro Economic Analysis – Inductive VS Deductive Methods of Analysis – Economic Statics and Dynamics - Cobweb Model - Comparative Statics – Meaning – Importance and Limitations – Equilibrium concepts – Stability and Uniqueness

UNIT II

18 Hours

DEMAND THEORY: Cardinal and Ordinal Approaches – Indifference Curves – Properties – Slutsky's Theorem – Compensated Demand Curve – Revealed Preference Theory – Hicks Revision of Demand Theory-Bernoulli Hypothesis-N-M Index

UNIT III

18 Hours

PRODUCTION THEORY: Production Function – Meaning – Definition - Short Run – Law of Variable Proportions and Returns to Scale – ISO quant's – Properties - Least Cost Combination of Inputs – Cobb Douglas Production Function – ISO Cost – Marginal Rate of Technical Substitution – Expansion Path

UNIT IV

18 Hours

MARKET 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 - Pricing under Monopoly – Features and Price Discrimination – Monopoly Control and Regulation

UNIT V

18 Hours

MARKET THEORY – II: Monopolistic Competition – Characteristics Features – Chamberlin's Group Equilibrium – Selling Cost - Equilibrium of the Firm and the Group Oligopoly – characteristics Features – Kinked Demand Curve – Collusive Oligopoly – Cartels – Joint Profit Maximizing and Market Sharing Cartels – Price Leadership – Low Cost, Dominant firm

Text Books

- M.L. Jhingan, *Advanced Economic Theory*, Vrinda Publications (P) Ltd., 2003.
Koutsoyiannis, *Modern Micro Economics*, ELBS with Macmillan, London, 1979.
M.L. Seth, *Advanced Economic Theory*, Lakshmi Narayan Agarwal Publications (P) Ltd, Delhi

Reference Books

- Authors Amos, Witztum, *Economics - An Analytical Introduction*, Oxford University press – Reprint, 2007.
Hai. R. Varian, *Intermediate Micro Economics – Modern Approach*, W.W. Narton & Company.
Baumol W.J, *Economic Theory and Operations Analysis*, Prentice Hall of India, 1978.

Pedagogy

Chalk & Talk, E-Resources, Group Discussion

Teaching aids

Black Board, LCD Projector

Course Contents and Lecture Schedule

Module No.	Topic	No. of Lectures	Content Delivery Methods
UNIT - I			
1.1	Micro – Macro Economic Analysis – Inductive VS Deductive Methods of Analysis	3	Discussion
1.2	Economic Statics and Dynamics - Cobweb Model	5	Chalk & Talk
1.3	Comparative Statics – Meaning – Importance and Limitations	5	Chalk & Talk
1.4	Equilibrium concepts – Stability and Uniqueness	5	E-Resource
UNIT - II			
2.1	Cardinal and Ordinal Approaches	2	Discussion
2.2	Indifference Curves – Properties	3	Chalk & Talk
2.3	Slutsky's Theorem	2	E-Resource
2.4	Compensated Demand Curve	2	E-Resource
2.5	Revealed Preference Theory	3	Chalk & Talk

2.6	Hicks Revision of Demand Theory	3	E-Resource
2.7	Bernoulli Hypothesis-N-M Index	3	Discussion
UNIT - III			
3.1	Production Function – Meaning – Definition - Short Run	4	Chalk & Talk
3.2	Law of Variable Proportions and Returns to Scale	4	E-Resource
3.3	ISO quant's – Properties - Least Cost Combination of Inputs – Cobb Douglas Production Function	5	Discussion
3.4	ISO Cost – Marginal Rate of Technical Substitution – Expansion Path	5	Chalk & Talk
UNIT - IV			
4.1	Revenue and Cost Concepts	2	E-Resource
4.2	Marginal Analysis as an Approach to Price and Output Determination	4	Discussion
4.3	Perfect Competition –Features and Pricing Under perfect competition	4	E-Resource
4.4	Monopoly - Pricing under Monopoly	4	Chalk & Talk
4.5	Features and Price Discrimination – Monopoly Control and Regulation	4	Chalk & Talk
UNIT - V			
5.1	Monopolistic Competition – Characteristics Features - Chamberlin's Group Equilibrium	3	Chalk & Talk
5.2	Selling Cost - Equilibrium of the Firm and the Group	3	E-Resource
5.3	Oligopoly – characteristics Features - Kinked Demand Curve	4	Discussion
5.4	Collusive Oligopoly – Cartels – Joint Profit Maximizing	4	Chalk & Talk
5.5	Market Sharing Cartels – Price Leadership - Low Cost, Dominant firm	4	E-Resource
Total		90	

Course Designer

Ms. S. Sagetha Parvin

Assistant Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20PECC12	Macro Economics - I	Core - II	90	5

Nature of Course	
Knowledge Oriented	✓
Skill Oriented	
Employability Oriented	
Entrepreneurship Oriented	

Course Relevance	
Local	
Regional	
National	✓
Global	

Preamble

Provide the knowledge in micro concepts and theoretical importance in the fields of micro economics. It analyses the economic behavior of individuals, firms and markets

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	To develop to explain the understanding of the basic input of macro and Micro variables and different nations accounting principles.	K1,K2
CO2	To Analyze the income and consumption relation and what are the relation between demand and supply also investment.	K1,K2
CO3	To analyze the how macro economic variables applied in to the open economy	K1,K2,K3
CO4	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
CO5	To make use of the new-Classical views and their critique idea lead to make good policy decision making of the firm.	K1,K2,K3,K4,K5

K1-Knowledge

K2-Understand

K3-Apply

K4- Analyse

K5- Evaluate

Mapping of CO with 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	2	3	3	2	3
CO5	1	3	3	2	3

1-Low

2-Medium

3-Strong

Mapping of CO with PSO

	PSO1	PSO2	PSO3	PSO4	PSO5
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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

18 Hours

FOUNDATIONS OF MACRO ECONOMICS: Foundations of Micro and 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.

UNIT II

18 Hours

SECTORAL DEMAND FUNCTION: 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

UNIT III

18 Hours

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.

UNIT IV

18 Hours

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.

UNIT V

18 Hours

NEO CLASSICAL MACRO ECONOMICS: Neo - Classical critique of Micro foundation – The Neo Classical approach, Policy implication of neo classical approach.

Text Books

M.L. Jhingan, *Macro Economics*, Konark Publishers Pvt.Ltd, New Delhi.

Jean-Pascal Benassy, *Macroeconomic Theory*, Prentice Hall of India.

M.L Jhingan, *Macro-Economic Theory*, Macmillan Publishers, Delhi.

Reference Books

Uma Datta Roy Choundry, *Accounting National Income*, Macmillan Publishers, Delhi.

Oliver Jean Blanchard and Stanky Fischer, *Lectures on Macro Economics*, Prentice Hall of India.

Mark P. Tyler, N. Gregory, *Macro Economics*, Vrinda Publications (P) Ltd., 2003.

Pedagogy

Chalk & Talk, E-Resources, Group Discussion

Teaching aids

Black Board, LCD Projector

Course Contents and Lecture Schedule

Module No.	Topic	No. of Lectures	Content Delivery Methods
UNIT - I			
1.1	Foundations of Micro and Macro Economics	2	Chalk & Talk
1.2	Meaning and definitions of National Income- determination	3	E-Resources
1.3	Different forms of National income accounting	2	E-Resources
1.4	Social accounting,	3	Chalk &Talk
1.5	Input-output accounting	3	E-Resources
1.6	Balance of payments accounting	3	Discussion
1.7	Theories of Employment - Classical and Keynesian	2	Chalk & Talk

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

Course Designer

Dr. V. Paramasivan

Assistant Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20PECC13	Quantitative Methods - I	Core – III	90	4

Nature of Course	
Knowledge Oriented	✓
Skill Oriented	
Employability Oriented	
Entrepreneurship Oriented	

Course Relevance	
Local	
Regional	
National	✓
Global	

Preamble

To introduce the basic of mathematics relating to economics and insights in to economic problems within help of Mathematical tools.

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	To apply various general Application of matrix theory.	K1,K2
CO2	To Solve the application and tools of simple linear differentiation.	K1,K2
CO3	To get an insights in to economic problems with the help of mathematical tools.	K1,K2,K3
CO4	To focus and Apply the importance of linear programming a simple application.	K1,K4
CO5	To enhance the knowledge and idea of the students in the of difference equation.	K1,K2,K3,K4,K5

K1-Knowledge K2-Understand K3-Apply K4- Analyse K5- Evaluate

Mapping of CO with PO

	P01	P02	P03	P04	P05
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

1-Low

2-Medium

3-Strong

Mapping of CO with 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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

20 Hours

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 assumption-open and close model uses and limitations (simple problems only).

UNIT II

20 Hours

APPLICATION OF SIMPLE 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). Partial derivation - Homogeneous Function - definition and properties - Euler's theorem.

UNIT III

15 Hours

INTEGRATION: Basic rules-Definite and infinite integrals-Derivation of total function from Marginal revenue and marginal cost Function's - Consumer's surplus-Producer's surplus.

UNIT IV

20 Hours

LINEAR PROGRAMMING: Basic concepts and assumption-formulation of LLP - Graphical solution - concept of game theory - zero sum game - saddle point - pure and mixed strategy - simple application.

UNIT V

15 Hours

DIFFERENCE EQUATIONS: Meaning-First order an second order - equations - Homogeneous and non homogeneous equations - solution of first order and second order equation-simple national income model - multiplier - Accelerator interaction model - Cob - Web - model.

Text Books

Tara Yamane, *Mathematics for Economists - An Elementary Survey*, Prentice Hall of India Pvt. Ltd, 1988.

Mehta - Madnani, *Mathematics for Economists*, Sultan Chand & Sons, New Delhi, 8th Edition, 2005.

D Bose, *An Introduction to Mathematical Economics*, Himalaya Publishing House, 1996.

Reference Books

Alpha C.Chiang, *Fundamental Methods of Mathematical Economics*, Tata McGraw Hill International Edition, Edition 1984.

R.G.D.Allen , *Mathematical Analysis for Economists*, Macmillon India Ltd., 1999.

Archibald, Richard & Lipsey, *An Introduction to Mathematical Treatment of Economics*, AITBS, New Delhi – 051, First Indian Edition, 1984.

D.Bose, *An introduction to Mathematical Economics*, Himalaya publishing house New Delhi.

Pedagogy

Chalk & Talk, E-Resources, Group Discussion

Teaching aids

Black Board, LCD Projector

Course Contents and Lecture Schedule

Module No.	Topic	No. of Lectures	Content Delivery Methods
UNIT - I			
1.1	Solving simultaneous linear equation in two or three variables.	4	Chalk & Talk
1.2	Matrix inverse method	2	E- Resources
1.3	Cramer rules	3	Chalk & Talk
1.4	Application in economics	2	Chalk & Talk
1.5	Input-output analysis assumption	3	Chalk & Talk
1.6	Open and close model	4	Chalk & Talk
1.7	Uses and limitations (simple problems only).	2	Chalk & Talk
UNIT - II			
2.1	Derivation of marginal cost and marginal revenue function from total function	3	Chalk & Talk
2.2	Elasticity of demand and unconstrained optimization	2	Chalk & Talk
2.3	Revenue maximization	3	Chalk & Talk
2.4	Profit maximization	2	E- Resources

2.5	Rost maximization-simple problems only Partial derivation.	3	Chalk & Talk
2.6	Homogeneous function	3	Chalk & Talk
2.7	Definition and properties	2	Chalk & Talk
2.8	Euler's theorem.	2	E- Resources
UNIT - III			
3.1	Basic rules	4	Discussion
3.2	Definite and infinite integrals	2	Chalk & Talk
3.3	Derivation of total function from marginal revenue an marginal cost function's	2	E- Resources
3.4	Consumer's surplus	3	Chalk & Talk
3.5	Producer's surplus.	4	Chalk & Talk
UNIT - IV			
4.1	Basic concepts and assumption	3	Discussion
4.2	Formulation of LLP-Graphical solution	4	E- Resources
4.3	Concept of game theory	3	Chalk & Talk
4.4	Saddle point	3	Chalk & Talk
4.5	Pure and mixed strategy	3	E- Resources
4.6	Simple application.	4	Chalk & Talk
UNIT - V			
5.1	Meaning-First order an second order equations	3	Chalk & Talk
5.2	Homogeneous and non homogeneous equations	2	E- Resources
5.3	Solution of first order and second order equation	2	Chalk & Talk
5.4	Simple national income model	2	Chalk & Talk
5.5	Multiplier	2	Discussion
5.6	Accelerator interaction model	2	E- Resources
5.7	Cob-Web- model.	2	Chalk & Talk
Total		90	

Course Designer

Ms. P. Ponmani

Assistant Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20PECC14	Public Finance	Core - IV	90	5

Nature of Course	
Knowledge Oriented	✓
Skill Oriented	
Employability Oriented	
Entrepreneurship Oriented	

Course Relevance	
Local	
Regional	
National	
Global	✓

Preamble

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 problems of use of resources, distribution of income.

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	Understand the concept and distinction of public finance	K1,K2
CO2	Analyzing the theories of public expenditure and its impact on various sectors	K1,K2,K3,K4
CO3	Recognize the sources of public revenue and its allocation	K1,K2
CO4	Evaluate the methods and problems of public debt	K1,K2,K3,K4,K5
CO5	Review the fiscal policy with budget and highlight its impact on the economy	K1,K2,K3

K1-Knowledge K2-Understand K3-Apply K4- Analyse K5- Evaluate

Mapping of CO with PO

	P01	P02	P03	P04	P05
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

1-Low

2-Medium

3-Strong

Mapping of CO with 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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

10 Hours

PUBLIC FINANCE: Public Finance – Meaning – Definition – scope – Distinction between Private and Public Finance - Role of Public Finance in Developing Country - Importance of Public Finance.

UNIT II

24 Hours

PUBLIC EXPENDITURE: Meaning and Scope of Public Expenditure – Difference between Public and Private Expenditure -General 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 of Public Expenditure, Principles of Maximum Social Advantage by Musgrave and Dalton.

UNIT III

24 Hours

PUBLIC REVENUE: Meaning of Public Revenue - Sources of Public Revenue - Effects of Taxation - Taxable Capacity - Theories of Taxation - Cost of Service Theory - Benefit Theory (Lindhal's and Bowen's Model) - Ability to Pay Theory - Shifting and Incidence of Taxation - Composition of Indian Tax structure - Income Tax - Corporation Tax - Property Tax - Indirect Tax – VAT - GST.

UNIT IV

14 Hours

PUBLIC DEBT: Role of Public Debt in developing country - Methods of Borrowing of Debt - Problems of repayment - Debt Management - Deficit Financing.

UNIT V

18 Hours

FISCAL POLICY: Objectives of Fiscal Policy - Instruments of Fiscal Policy - Role of Fiscal Policy in developing countries - Types of Budget - Performance and Programme Budget - Zero Base Budget - Centre and State Financial Relations in India - Local Finance In India.

Text Books

Mankar V.G, and Suseela Sarrma, ***Public Finance - Theory and Practice***, Himalaya Publishing House, Mumbai, 2001.

Sundaram K.P.M and K.K .Andley, ***Public Finance - Theory and Practice***, S. Chand and company Ltd., New Delhi, 2003.

R.K. Lekhi & Johinder Singh, ***Public Finance***, Kalyani Publishers, New Delhi, 2011.

Reference Books

Agarwal A.N. ***Indian Economy – Problems of development and Planning***, Wishva Prakasan, New Delhi, 2014.

Bhatia H.L, ***Public Finance***, Vikas Publishing House Pvt., Ltd, 2007.

Tyagi B.P., ***Public Finance***, Jai prakashNalt& co., Meerut, 2016.

Musgrave R.A and P.A Musgrave, ***Public Finance in Theory and Practice***, MC Graw-Hill, Kogakusha, Tokyo, 1989.

Government of India, ***Annual Budget Reports***, Ministry of finance, New Delhi. (Report)

Pedagogy

Chalk & Talk, E-Resources, Group Discussion

Teaching aids

Black Board, LCD Projector

Course Contents and Lecture Schedule

Module No.	Topic	No. of Lectures	Content Delivery Methods
UNIT - I			
1.1	Public Finance – Meaning – Definition – scope	3	Discussion
1.2	Distinction between Private and Public Finance	2	Chalk & Talk
1.3	Role of Public Finance in Developing Country	3	E- Resources
1.4	Importance of Public Finance.	2	Discussion
UNIT - II			
2.1	Meaning and Scope of Public Expenditure - Difference between Public and Private Expenditure	5	Discussion

2.2	General Theories of Public Expenditure – Adolph Wagner Hypothesis - Peacock and Wiseman Hypothesis - Colin Clark	8	Chalk & Talk
2.3	Reasons for the growth of Public Expenditure - Effects of Public Expenditure	4	Discussion
2.4	Cannons of Public Expenditure	3	E- Resources
2.5	Principles of Maximum Social Advantage by Musgrave and Dalton.	4	Chalk & Talk
UNIT - III			
3.1	Meaning of Public Revenue - Sources of Public Revenue	4	Chalk & Talk
3.2	Effects of Taxation - Taxable Capacity	4	E- Resources
3.3	Theories of Taxation - Cost of Service Theory - Benefit Theory (Lindhal's and Bowen's Model) - Ability to Pay Theory	8	Chalk & Talk
3.4	Shifting and Incidence of Taxation - Composition of Indian Tax structure - Income Tax - Corporation Tax - Property Tax - Indirect Tax –VAT - GST.	8	Discussion
UNIT - IV			
4.1	Role of Public Dept in developing country	2	Chalk & Talk
4.2	Methods of Borrowing of Debt	4	Chalk & Talk
4.3	Problems of repayment	2	Discussion
4.4	Debt Management	3	E- Resources
4.5	Deficit Financing.	3	Chalk & Talk
UNIT - V			
5.1	Objectives of Fiscal Policy	2	Discussion
5.2	Instruments of Fiscal Policy - Role of Fiscal Policy in developing countries	4	Chalk & Talk
5.3	Types of Budget - Performance and Programme Budget - Zero Base Budget	5	E- Resources
5.4	Centre and State Financial Relations in India	4	Discussion
5.5	Local Finance In India.	3	Chalk & Talk
Total		90	

Course Designer

Dr. Waseema Yaseen

Assistant Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20PECE11	Environmental Economics	Elective - I	90	4

Nature of Course	
Knowledge Oriented	✓
Skill Oriented	
Employability Oriented	
Entrepreneurship Oriented	

Course Relevance	
Local	
Regional	
National	✓
Global	

Preamble

The course highlights some of the central aspects of the Agricultural Economics. It deals with the important aspects of agriculture in a growing economy; farm-size productivity relationship and supply price of agricultural factor markets, bringing out the Inter-linkages involved therein.

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	Learn the concept of environmental economics, including its classifications and theory.	K1,K2
CO2	Exploring the availability of natural resources and recycle with new technologies.	K1,K2,K3
CO3	Acquire the importance of energy and environmental quality	K1,K2, K3,K4,K5
CO4	Analyze the environmental pollution and its impacts on the economy	K1,K2,K3,K4
CO5	Understand the global environmental issues and its solution	K1,K2

K1-Knowledge K2-Understand K3-Apply K4- Analyse K5- Evaluate

Mapping of CO with PO

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

1-Low

2-Medium

3-Strong

Mapping of CO with 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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

18 Hours

ECOLOGY AND ENVIRONMENT: Ecology – Meaning and Definition – Environment - Ecosystems – Systems Approach to Ecology – Classifications of Ecosystems – Scope of Environmental Economics – Material Balance Model.

UNIT II

18 Hours

RESOURCES AND ENVIRONMENT: Meaning – Classification of Resources : Renewable and Non-Renewable Resources - Land, Oceanic Resources - Water Resources - Technological Resources - Recycle and Reuse - Green Marketing - Clean Technology - Transfer of Technology.

UNIT III

18 Hours

ENERGY AND ENVIRONMENT: Meaning – Importance of Energy - Sources of Energy - Alternative Sources of Energy – Energy Problems in Developing Countries – Energy Policies and Environmental Quality.

UNIT IV

18 Hours

ENVIRONMENTAL POLLUTION AND ENVIRONMENTAL VALUATION: Sources and Causes of Pollution – Types – Air - Water - Noise - Coastal Pollution – Consequences of Pollution on Human beings - Relevance of Cost Benefit Analysis - Valuation Methods – Environmental Impact Assessment.

UNIT V

18 Hours

GLOBAL ENVIRONMENTAL ISSUES AND INITIATIVES: Global Warming - Green House Effect – Acid Rain - Biodiversity Crisis: Causes – Climate Change and Its Impacts – Environmental Policies: Stockholm Conference on Human Environment - The Rio Declaration - National Environmental Policy- Objectives - Principles – Impact of economic growth on environment.

Text Books

Tieten berg .T and L. Lewis, *Environmental and Natural Resource Economics*, Pearson Education, 2008.

John M.Kerr, *Natural Resource Economics*, Oxford and IBH, New Delhi, 1997.

Ramprasad Sengupta, *Ecology and Economics and Approach to sustainable Development*, Oxford University Press, New Delhi, 2012.

Reference Books

Barry C Field, *Environmental Economics*, McGraw Hill, New Delhi, 2012.

Sharma P.D, *Ecology and Environment*, Rastogi Publications, Meerut, 2012.

Rabindra N. Bhattacharya, *Environmental Economics*, Oxford University Press, New Delhi, 2001.

M.L. Jhingan, *Environmental Economics*, Vrinda publications Pvt Ltd, Mayur Vinar Phase – I Delhi, 2008.

Pedagogy

Chalk & Talk, E-Resources, Group Discussion

Teaching aids

Black Board, LCD Projector

Course Contents and Lecture Schedule

Module No.	Topic	No. of Lectures	Content Delivery Methods
UNIT - I			
1.1	Ecology – Meaning and Definition	3	Discussion
1.2	Environment - Ecosystems	4	Chalk & talk
1.3	Systems Approach to Ecology– Classifications of Ecosystems	6	E- Resources
1.4	Scope of Environmental Economics – Material Balance Model	5	Chalk & talk
UNIT - II			
2.1	Meaning – Classification of Resources	3	Discussion
2.2	Renewable and Non-Renewable Resources	3	Chalk & Talk
2.3	Land, Oceanic Resources	2	E- Resources
2.4	Water Resources - Technological Resources	3	Chalk & Talk
2.5	Recycle and Reuse - Green Marketing	4	E- Resources

2.6	Clean Technology - Transfer of Technology.	3	Chalk & Talk
UNIT - III			
3.1	Meaning – Importance of Energy	4	Discussion
3.2	Sources of Energy - Alternative Sources of Energy	3	Chalk & Talk
3.3	Energy Problems in Developing Countries	3	E- Resources
3.4	Energy Policies and Environmental Quality.	4	Discussion
UNIT - IV			
4.1	Sources and Causes of Pollution	4	Discussion
4.2	Types – Air - Water - Noise - Coastal Pollution Consequences of Pollution on Human beings	6	E- Resources
4.3	Relevance of Cost Benefit Analysis	4	Chalk & Talk
4.4	Valuation Methods	4	E- Resources
4.5	Environmental Impact Assessment.	4	Chalk & talk
UNIT - V			
5.1	Global Warming - Green House Effect	4	Chalk & Talk
5.2	Acid Rain - Biodiversity Crisis : Causes Climate Change and Its Impacts	3	Discussion
5.3	Environmental Policies: Stockholm.	3	E- Resources
5.4	Conference on Human Environment - The Rio Declaration	3	Chalk & Talk
5.5	National Environmental Policy- Objectives - Principles – Impact of economic growth on environment	5	E- Resources
Total		90	

Course Designer

Dr. Waseema Yaseen

Assistant Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20PECE12	Health Economics	Elective – I	90	4

Nature of Course	
Knowledge Oriented	✓
Skill Oriented	
Employability Oriented	
Entrepreneurship Oriented	

Course Relevance	
Local	
Regional	
National	✓
Global	

Preamble

This paper explores the health economic theory and concepts of health economics in advanced level. It also deals with health measurement and health delivery system in India.

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	Interpret and appropriately apply the key concepts of economics within the context of the health economics.	K1,K2
CO2	Understand the indicators related to health status	K1,K2
CO3	Analyze the trends in health expenditure by the government	K1,K2,K3,K4
CO4	Assess and evaluate the growth of health care services	K1,K2
CO5	Evaluate the role of key players in providing the health care services in developing countries	K1,K2,K3,K4,K5

K1-Knowledge

K2-Understand

K3-Apply

K4- Analyse

K5- Evaluate

Mapping of CO with PO

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

1-Low

2-Medium

3-Strong

Mapping of CO with PSO

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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

18 Hours

HEALTH ECONOMICS – BASIC CONCEPTS: Definition and Dimensions of Health [WHO definition] - Meaning and Importance of Health Economics - Determinants of Health - Input and Output Indicators of Health

UNIT II

21 Hours

HEALTH AND DEVELOPMENT: Income and Health Linkage - Concept of Wellbeing – PQLI and HDI - Poverty and Health – Occupational Health Hazards - Fertility, Morbidity, Mortality and Life Expectancy - Nutrition and Health – Mal-nutrition – Under-nutrition

UNIT III

18 Hours

HEALTH AS INVESTMENT: Economics of Public Health -Education and Health – Concept of Health Education - Capital Formation in Health Care - Recent health and healthcare policies in India

UNIT IV

19 Hours

MICRO-ECONOMICS OF HEALTH SERVICES: Demand for health services - Preference for health care and health cure – Income and Price effects - Physician as a price-discriminating monopolist - Health Production Function with Illustration

UNIT V

14 Hours

HEALTH IN DEVELOPING COUNTRIES: Significance of Health in LDCs - Measuring the Burden of Disease - The Concepts DALY and QALYs - Challenges for the Future

Text Books

Anthony J. Cuyler and Joseph P (ed), *Handbook of Health Economics*, New house, North-Holland, Elsevier Science, 2000.

Clewar, Ann, and David Perkins, *Economics for Health Care Management*, London: Prentice Hall, 1998.

Folland, Sherman, Allen Goodman, and Miron Stano, *The Economics of Health and Health Care*, New York: Macmillan, Third Edition, 2001.

Reference Books

Alistair Mc Guire, John Henderson and Gavin Mooney, *The Economics of Health Care: An Introductory Text*, [Routledge and Kegan Paul London and New York, 1988.

Asha A. Bhende and Tara Kanitkar, *Principles of Population Studies*, Himalaya Publishing House, New Delhi, 2001.

Park, K. Park's, *Text Book of Preventive and Social Medicine*, 16th edition, M/s Banarsidas Bhanot Publishers, Jalalpur, 2000.

William Jack, *Principles of Health Economics for Developing Countries*, WBI Development studies The World Bank, Washington. D.C., 1999.

Pedagogy

Chalk & Talk, E-Resources, Group Discussion

Teaching aids

Black Board, LCD Projector

Course Contents and Lecture Schedule

Module No.	Topic	No. of Lectures	Content Delivery Methods
UNIT - I			
1.1	Definition and Dimensions of Health [WHO definition]	3	Discussion
1.2	Meaning and Importance of Health Economics	5	Chalk & Talk
1.3	Determinants of Health	5	Chalk & Talk
1.4	Input and Output Indicators of Health	5	E- Resources
UNIT - II			
2.1	Income and Health Linkage	3	Discussion
2.2	Concept of Wellbeing – PQLI and HDI	5	Chalk & Talk
2.3	Poverty and Health	5	E- Resources
2.4	Occupational Health Hazards - Fertility, Morbidity, Mortality and Life Expectancy	4	Chalk & Talk
2.5	Nutrition and Health – Mal-nutrition – Under-nutrition	4	E- Resources
UNIT - III			
3.1	Economics of Public Health	4	Chalk & Talk
3.2	Education and Health	4	E- Resources
3.3	Concept of Health Education	3	Discussion

3.4	Capital Formation in Health Care	2	E- Resources
3.5	Recent health and healthcare policies in India	5	Chalk & Talk
UNIT - IV			
4.1	Demand for health services	3	E- Resources
4.2	Preference for health care and health cure	5	Discussion
4.3	Income and Price effects - Physician as a price	3	E- Resources
4.4	discriminating monopolist	4	Chalk & Talk
4.5	Health Production Function with Illustration	4	Chalk & Talk
UNIT - V			
5.1	Significance of Health in LDCs	3	Discussion
5.2	Measuring the Burden of Disease	3	Chalk & Talk
5.3	The Concepts DALY and QALYs	4	E- Resources
5.4	Challenges for the Future	4	Chalk & Talk
Total		90	

Course Designer

Ms. S. Sagetha Parvin

Assistant Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20PECE13	Entrepreneurial Economics	Elective - I	90	4

Nature of Course	
Knowledge Oriented	
Skill Oriented	
Employability Oriented	✓
Entrepreneurship Oriented	

Course Relevance	
Local	
Regional	
National	✓
Global	

Preamble

To identify the correct methods to be followed to solve the economic and social problems. To apply the fundamental principles of economics in solving the day today problems in our life.

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	To Study the meaning and function of entrepreneur in economic development	K1,K2
CO2	To Summarize the entrepreneurship motivation and influence ability.	K1,K2,K3, K4,K5
CO3	To describe the women entrepreneurship concept and factors influencing.	K1,K2,K3,K4
CO4	To focus the ability of small scale industries.	K1,K2,K3
CO5	To organize the idea motivation and idea about the institutional management	K1,K2,K3,K4,K5

K1-Knowledge K2-Understand K3-Apply K4- Analyse K5- Evaluate

Mapping of CO with PO

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

1-Low

2-Medium

3-Strong

Mapping of CO with 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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

20 Hours

INTRODUCTION: Entrepreneur - Meaning-Definition - Functions of Entrepreneur - Types - Role of Entrepreneurs in Economic development - Entrepreneur and Manager - Traits and Qualities of unsuccessful Entrepreneurs.

UNIT II

20 Hours

ENTREPRENEURSHIP: Concept of Entrepreneurship – Motivation theories - Motivating Factors - Entrepreneurial Mobility - Factors influencing Mobility

UNIT III

20 Hours

WOMEN ENTREPRENEURSHIP: Women Entrepreneurship - Concepts, Types - Factors influencing women entrepreneurship - Role and functions - Growth of women entrepreneurship in India -problems of women entrepreneur - Steps to promote women entrepreneurship in India.

UNIT IV

15 Hours

SMALL SCALE INDUSTRIES: Meaning of small scale industries - Types of SSI – Role of SSI in economic development - problems of SSI - Project report - Contents - Formulation.

UNIT V

15 Hours

INSTITUTIONAL ARRANGEMENT: Institutional arrangement for Entrepreneurship development – DIC – SIDO – SIDCO – NSIC – SIPCO – TIIC – SIDBI - Incentives and subsidies – EDP – Needs - Objectives Instruction

Text Books

Hagela, *Histoty of Economic Thought*, 5th Edition, Konark Publications. New Delhi, 2000.

Loganathan V, *History of Economics Thought*, S. Chand & Co, New Delhi.

Dr. N Srinivasan & Dr V.Gnanprakasam, *The Economic Thinkers*, Meenakshi publishers, Madurai 20, 2004, 5th Edition.

Reference Books

Dessai and Nirmal, *Economic History of Indian*, Himalaya Publishing House, New Delhi, 1999, 5th Edition.

Girija and Manimegalai, *History of Economic Thought*, Virinda Publications, New Delhi, 1998, 8th Edition.

Lionel Robbins, *A History of Economic Thought*, Oxford University Press, Chennai, 1998, 5th Edition.

Pedagogy

Chalk & Talk, E-Resources, Group Discussion

Teaching aids

Black Board, LCD Projector

Course Contents and Lecture Schedule

Module No.	Topic	No. of Lectures	Content Delivery Methods
UNIT - I			
1.1	Entrepreneur – Meaning - Definition	2	Discussion
1.2	Functions of Entrepreneur	4	Chalk & Talk
1.3	Types	3	Discussion
1.4	Role of Entrepreneurs in Economic development	3	E-Resources
1.5	Entrepreneur and Manager	4	Chalk & Talk
1.6	Traits and Qualities of unsuccessful Entrepreneurs	4	E-Resources
UNIT - II			
2.1	Concept of Entrepreneurship Motivating Factors	6	Discussion
2.2	Motivation theories	6	Chalk & Talk
2.3	Entrepreneurial Mobility Factors influencing Mobility	8	E-Resources
UNIT - III			
3.1	Women Entrepreneurship	3	Discussion
3.2	Concepts, Types	2	E-Resources
3.3	Factors influencing women entrepreneurship	2	Chalk & Talk
3.4	Role and functions	3	Discussion

3.5	Growth of women entrepreneurship in India	4	Chalk & Talk
3.6	Problems of women entrepreneur	3	Chalk & Talk
3.7	Steps to promote women entrepreneurship in India.	3	E-Resources
UNIT - IV			
4.1	Meaning of small scale industries	2	E-Resources
4.2	Types of SSI in economic development	3	Chalk & Talk
4.3	Role of SSI	3	Chalk & Talk
4.4	Problems of SSI	2	E-Resources
4.5	Project report	3	Discussion
4.6	Contents Formulation	2	Chalk & Talk
UNIT - V			
5.1	Institutional arrangement For entrepreneurship development	2	Chalk & Talk
5.2	DIC	2	Chalk & Talk
5.3	SIDO, SIDCO	3	E-Resources
5.4	NSIC, SIPCO	3	Discussion
5.5	TIIC, SIDBI	3	Chalk & Talk
5.6	Incentives and subsidies	2	Discussion
Total		90	

Course Designer

Ms. P. Ponmani

Assistant Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20PECC21	Micro Economics – II	Core - V	90	5

Nature of Course	
Knowledge Oriented	✓
Skill Oriented	
Employability Oriented	
Entrepreneurship Oriented	

Course Relevance	
Local	
Regional	
National	✓
Global	

Preamble

Educate the graduates in realms 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.

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	Assess the nature of the firm, models and hoe to fix the profit.	K1,K2
CO2	Acquire knowledge about the Different theories distribution.	K1,K2
CO3	Judge the allocation of resources for maximum social welfare.	K1,K2,K3,K4,K5
CO4	Make enrich knowledge about the game theory	K1,K2,K3,K4,K5
CO5	Risk and uncertainty theory ability to face the realities of life.	K1,K2,K3

K1-Knowledge K2-Understand K3-Apply K4- Analyse K5- Evaluate

Mapping of CO with PO

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

1-Low

2-Medium

3-Strong

Mapping of CO with PSO

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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

18 Hours

THEORIES OF THE FIRM: Bain's Limit Pricing Theory – Assumption – Model Descriptions – Source of Entry Barriers and Determination of limit price – Williamsons Managerial Discretion Model – Growth Maximization Model of Marris - Baumol's Sales Revenue maximization model – Full Cost Pricing

UNIT II

18 Hours

THEORIES OF DISTRIBUTION: Marginal productivity Theory – Product Exhaustion Theorem – Ricardian Theory – Marxian Theory – Kalecki and Kaldor's theories of distribution - Dynamic and Innovation theories of profit.

UNIT III

18 Hours

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

UNIT IV

18 Hours

GAME THEORY: 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

UNIT V

18 Hours

ECONOMICS OF RISK AND UNCERTAINTY: Individual Consumer's Behavior Towards Risk – Gambling and Insurance – Choice Between Two – Asset Portfolio Selection – Market with Incomplete Information – Search and Transaction Costs – Economics of Information

Text Books

M.L. Jhingan, *Advanced Economic Theory*, Vrinda Publications (P) Ltd., 2003.

Koutsoyiannis, *Modern Micro Economics*, ELBS with Macmillan, London, 1979.

M.L. Seth, *Advanced Economic Theory*, Lakshmi Narayan Agarwal Pub, Delhi.

Reference Books

Amos, Witztum, *Economics – An Analytical Introduction*, Oxford University press – Reprint, 2007.

N.G. Mankiw, *Economics: Principles and Application*, Cengage Learning, Delhi, 2009.

Dwivedi, *Micro Economic Theory and Applications*, Pearson Publications (P) Ltd.

Baumol W.J *Economic Theory and Operations Analysis*, Prentice Hall of India, 1978.

Pedagogy

Chalk & Talk, E-Resources, Group Discussion

Teaching aids

Black Board, LCD Projector

Course Contents and Lecture Schedule

Module No.	Topic	No. of Lectures	Content Delivery Methods
UNIT - I			
1.1	Bain's Limit Pricing Theory–Assumption–Model Descriptions–Source of Entry Barriers and Determination of limit price	7	Discussion
1.2	Williamsons Managerial Discretion Model	3	Chalk & Talk
1.3	Growth Maximization Model of Marris	3	Chalk & Talk
1.4	Baumol's Sales Revenue maximization model	3	E- Resources
1.5	Full Cost Pricing	2	Discussion
UNIT - II			
2.1	Marginal productivity Theory	2	Discussion
2.2	Product Exhaustion Theorem	3	Chalk & Talk
2.3	Ricardian Theory	2	Chalk & Talk
2.4	Marxian Theory	2	Discussion
2.5	Kalecki and Kaldor's theories of distribution	5	Chalk & Talk
2.6	Dynamic and Innovation theories of profit	4	E- Resources

UNIT - III			
3.1	Positive Vs Normative Economics	2	Chalk & Talk
3.2	Pigovian Welfare Economics	3	E- Resources
3.3	Pareto Optimal Conditions	3	Discussion
3.4	Kaldor – Hicks Compensation Criterion	3	Chalk & Talk
3.5	Scitovsky Paradox – Arrow’s impossibility Theory	4	Discussion
3.6	Theory of Second Best	3	Chalk & Talk
UNIT - IV			
4.1	Game Theory – Two Person Constant Sum or Zero Sum Game	3	Discussion
4.2	Pay-off matrices and Strategies	5	Chalk & Talk
4.3	Saddle Point – Pure And Mixed Strategies	3	E- Resources
4.4	Non-Constant Sum Game	4	Discussion
4.5	Importance – Limitations of Game Theory	3	Chalk & Talk
UNIT - V			
5.1	Individual Consumer’s Behavior Towards Risk	3	Chalk & Talk
5.2	Gambling and Insurance	3	E- Resources
5.3	Choice Between Two – Asset Portfolio Selection	4	E- Resources
5.4	Market with Incomplete Information – Search and Transaction Costs	4	Discussion
5.5	Search and Transaction Costs	4	Chalk & Talk
Total		90	

Course Designer

Ms. S. Sagetha Parvin

Assistant Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
2OPECC22	Macro Economics –II	Core - VI	90	5

Nature of Course	
Knowledge Oriented	✓
Skill Oriented	
Employability Oriented	
Entrepreneurship Oriented	

Course Relevance	
Local	
Regional	
National	✓
Global	

Preamble

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.

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	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
CO2	To perceive and analyze the students about system of money, supply of money and its credit creation through bank.	K1,K2
CO3	To analyze and describe the different theories of inflation and its impact on purchasing power of the community and way to overcome from this inflation	K1,K2,K3,K4,K5
CO4	To explain the knowledge gain about unemployment problems in the economy and what are the Macro theories associated with these contents.	K1,K2,K3
CO5	To analyze the how fiscal, Monetary, Income policies are need and which one is more effective than others.	K1,K2,K3,K4

K1-Knowledge

K2-Understand

K3-Apply

K4- Analyse

K5- Evaluate

Mapping of CO with PO

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

1-Low

2-Medium

3-Strong

Mapping of CO with PSO

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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

18 Hours

THEORIES OF DEMAND FOR MONEY: Money System – 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

UNIT II

18 Hours

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.

UNIT III

14 Hours

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

UNIT IV

22 Hours

THEORY OF UNEMPLOYMENT: Keynes theory of unemployment – Aggregate demand function-Aggregate supply function-Philips curve analysis-Friedman - Phelps arguments - Tobins and Solow Modified Philips curve- Natural rate of unemployment hypothesis.

UNIT V

18 Hours

MACRO ECONOMIC POLICS: Monetary Policy- Fiscal Policy-Income Policy-
Need and effectiveness of monetary policy-Supply Side Economics -
Crowding out theory

Text Books

M.L. Jhingan, *Macro Economics*, Konark Publishers Pvt.Ltd, New Delhi.
Jean-Pascal Benassy, *Macroeconomic Theory*, Grow Hill Publication.
M.L Jhingan, *Macro-Economic Theory*, Oxford University press – Reprint, 2007. 13th Edition.

Reference Books

Uma Datta Roy Choundry, *Accounting National Income*, Macmillan, Delhi.
Oliver Jean Blanchard and Stanky Fischer, *lectures on Macro Economics*, Prentice Hall of India
Thomas Mc, *Macro Economics*, Grow Hill Publication.
Mark P. Tyler, *Macro Economics*, Oxford University press – Reprint, 2007.

Pedagogy

Chalk & Talk, E-Resources, Group Discussion

Teaching aids

Black Board, LCD Projector

Course Contents and Lecture Schedule

Module No.	Topic	No. of Lectures	Content Delivery Methods
UNIT - I			
1.1	Money System	1	Discussion
1.2	Classical approach to demand for money	1	E- Resources
1.3	Quantity theory approach - Fisher's equation	2	E- Resources
1.4	Cambridge	2	Chalk &Talk
1.5	Keynes approach to demand for money	2	Chalk Talk
1.6	Liquidity Preference approach	2	Chalk Talk
1.7	Friedman modern quantity theory	2	Discussion
1.8	Patinkin real balance effect,	2	Chalk Talk
1.9	Approaches to Boumols and	2	Discussion
1.10	Tobin's	2	E- Resources

UNIT - II			
2.1	Banking system	3	Chalk Talk
2.2	Money supply	3	Discussion
2.3	Determinates of money supply	3	Chalk Talk
2.4	The H Theory of Money supply	3	Discussion
2.5	Factors affecting 'H'	3	E- Resources
2.6	Credit controlling methods.	3	E- Resources
UNIT - III			
3.1	Theories of inflation	3	Chalk Talk
3.2	Classical, Keynesian, Monetary Approaches to Inflation	4	Discussion
3.3	Measures to control Inflation in an UDC's	3	Chalk Talk
3.4	The economic effects of inflation	4	E- Resources
UNIT - IV			
4.1	Keynes theory of unemployment	3	Chalk Talk
4.2	Aggregate demand function	3	Discussion
4.3	Aggregate supply function	4	Chalk Talk
4.4	Philips curve Phelps arguments	4	E- Resources
4.5	Tobin's and Solow Modified Philips curve	4	Discussion
4.6	Natural rate of unemployment hypothesis. Analysis-Friedman.	4	Chalk Talk
UNIT - V			
5.1	Monetary Policy- Fiscal Policy-Income Policy	5	Discussion
5.2	Need and effectiveness of monetary policy	5	Chalk Talk
5.3	Supply Side Economics	4	E- Resources
5.4	Crowding out theory	4	Chalk Talk
Total		90	

Course Designer

Dr. V. Paramashivan

Assistant Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20PECC23	Quantitative Methods - II	Core - VII	90	4

Nature of Course	
Knowledge Oriented	✓
Skill Oriented	
Employability Oriented	
Entrepreneurship Oriented	

Course Relevance	
Local	
Regional	
National	✓
Global	

Preamble

To enable the students to understand the theoretical concepts of Mathematics. To apply the practical applications of mathematical in research.

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	To improve the students and discuss the discrete the various continuous random variables	K1
CO2	To get the ideas about sample and sampling distributions of difference aspects.	K1,K2,K3,K4
CO3	To apply the knowledge and ability of statistical hypothesis.	K1,K2,K3,K4,K5
CO4	To focus cover the practical an application of simple linear regression.	K1,K2,K3
CO5	To analysis and apply the ideas cob-Douglas production function	K1,K2,K3

K1-Knowledge

K2-Understand

K3-Apply

K4- Analyse

K5- Evaluate

Mapping of CO with 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

1-Low

2-Medium

3-Strong

Mapping of CO with 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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

20 Hours

PROBABILITY DISTRIBUTION: A priori and A posteriori probabilities- Addition and Multiplication Theorem - Conditional probability. Discrete and continuous random variables - Expected value Binomial, Poisson and normal distribution - Definition and properties (without problems)

UNIT II

20 Hours

SAMPLING DISTRIBUTION: 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-construction interpretation of confidence interval.

UNIT III

20 Hours

HYPOTHESIS TESTING: Formulation of hypothesis-simple and composite hypothesis, testing of hypothesis-steps involved-type I error and type II error, one tailed test and two tailed test, Z - test for sample Mean-test two sample mean -sample mean paired t test -F-test for sample mean test for two sample mean Chi-square tests.

UNIT IV

15 Hours

SIMPLE LINEAR REGRESSION: Simple linear regression model-assumptions -Ordinary least square(OLS) method of estimation ,properties of a good Estimators - properties of OLS Estimators-Gauss Markov theorem, Goodness of fit- R^2 -Significance of regression coefficients (without problems).

UNIT V

15 Hours

COMPOUND GROWTH RATE: Multiple linear regression model- assumptions - R^2 and adjusted R^2 definition and concept of multicollinearity. heteroscedasticity and autocorrelation -consumption function and Cobb-Douglas production function- methods of estimating Cobb-Douglas production function.

Text Books

Mehta – Madnani, *Mathematics for Economists*, Sultan Chand & Sons, New Delhi, 2005 8th Edition.

D Bose, *An Introduction to Mathematical Economics*, Himalaya Publishing House, 1996, 1st Edition.

V Sundaresan, S D Jeyaseelan, *An Introduction to Business Mathematics*, S chand & Company Ltd, Ram Nagar, New Delhi, 2002, 8th Edition.

Reference Books

R G D Allen, *Mathematics Analysis for Economics*, 3rd Edition, Macmillan India Ltd, 1999.

Taro Yamane, *Mathematics for Economists – An Elementary Survey*, 3rd Edition, Prentice Hall of India Pvt. Ltd, 1990.

Pedagogy

Chalk & Talk, E-Resources, Group Discussion

Teaching aids

Black Board, LCD Projector

Course Contents and Lecture Schedule

Module No.	Topic	No. of Lectures	Content Delivery Methods
UNIT - I			
1.1	A priori an A posteriori probabilities	3	Chalk & Talk
1.2	Addition an Multiplication Theorem	3	E- Resources
1.3	Conditional probability	3	Chalk & Talk
1.4	Discrete an continuous random variables	3	Chalk & Talk
1.5	Expected value Binominal, Poisson an normal distribution	4	E- Resources
1.6	Definition and properties(without problems)	4	Chalk & Talk
UNIT - II			
2.1	Random and non-random sampling method	3	Chalk & Talk
2.2	Sampling and non sampling errors sampling distribution of mean	4	Chalk & Talk
2.3	Proportion and correlation coefficient	3	Chalk & Talk
2.4	Standard Error (SE)	3	Chalk & Talk

2.5	point and interval estimates	2	E- Resources
2.6	Central Limit Theorem	3	Chalk & Talk
2.7	Construction interpretation of confidence interval	2	Chalk & Talk
UNIT - III			
3.1	Formulation of hypothesis	3	Chalk & Talk
3.2	Simple and composite hypothesis,	2	Chalk & Talk
3.3	Testing of hypothesis	3	Chalk & Talk
3.4	Steps involved-type I error and type II error	3	Chalk & Talk
3.5	One tailed test and two tailed test ,Z test for sample	3	E- Resources
3.6	Mean-test two sample mean ,sample mean paired t test	3	Chalk & Talk
3.7	F-test for sample mean test for two sample mean Chi-square tests.	3	Chalk & Talk
UNIT - IV			
4.1	Simple linear regression model	2	Discussion
4.2	Assumptions	2	Chalk & Talk
4.3	Ordinary least square(OLS) method of estimation, properties of a good Estimators	2	Chalk & Talk
4.4	Properties of OLS Estimators	2	Chalk & Talk
4.5	Gauss Markov theorem	3	E- Resources
4.6	Goodness of fit	2	Chalk & Talk
4.7	R ² -Significance of regression coefficients (without problems).	2	Chalk & Talk

UNIT - V			
5.1	Multiple linear regression model	3	Chalk & Talk
5.2	Assumptions, R^2	2	Chalk & Talk
5.3	Adjusted R^2 definition and concept of multi - collinearity.	2	Chalk & Talk
5.4	Heteroscedasticity and auto correlation	2	E- Resources
5.5	Consumption function and cob- Douglas production function	3	Chalk & Talk
5.6	methods of Estimating cob-Douglas production function	3	Chalk & Talk
5.7	Multiple linear regression model	3	Chalk & Talk
Total		90	

Course Designer

Ms. P. Ponmani

Assistant Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20PECC24	International Economics	Core - VIII	90	5

Nature of Course	
Knowledge Oriented	✓
Skill Oriented	
Employability Oriented	
Entrepreneurship Oriented	

Course Relevance	
Local	
Regional	
National	
Global	✓

Preamble

The course aims to give understanding about the principles which govern international Trade theories. It concentrates on trade in dynamic perspectives dealing with the influence of growth factors and technical progress on the terms of trade.

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	Acquire knowledge about international trade theory and trade issues.	K1,K2
CO2	Understand the new theories of international trade with its economic progress.	K1,K2
CO3	Analyzing trade policies, types and effects with economic integration.	K1,K2,K3,K4
CO4	Applying the components and structure of balance of payments to correct balance of payments disequilibrium.	K1,K2,K3,K4,K5
CO5	Learn the recent objectives and developments behind the formation of the world institutions viz. IMF, IBRD and WTO and their function	K1,K2

K1-Knowledge K2-Understand K3-Apply K4- Analyse K5- Evaluate

Mapping of CO with PO

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

1-Low

2-Medium

3-Strong

Mapping of CO with PSO

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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

20 Hours

TRADE THEORIES: Theories of Absolute Advantage – Comparative Advantage – Haberler's Theory of Opportunity cost – Mill's Theory of Reciprocal demand – Modern theory of factor reciprocal demand – Modern theory of factor endowment – Factor price equalization theorem – The Rybczynski Theorem – Leontief paradox.

UNIT II

16 Hours

NEW THEORIES IN TRADE: Vernon's Product Cycle Theory - Perbisch Singer Thesis – Immiserising Growth – Technical Progress - Classifications and Effects of Technical Progress.

UNIT III

18 Hours

TRADE POLICIES: Free Trade vs. Protection – Effects of Tariffs – Import Quotas – Types and its effects – Dumping – Anti Dumping Measures – The Theory of Custom Union – Economic Integration.

UNIT IV

18 Hours

BALANCE OF PAYMENTS: Balance of Trade and Balance of Payments – Structure of BOP Accounts – BOP Disequilibrium – Causes – Methods of Correcting Unfavorable Balance of Payments.

UNIT V

18 Hours

INTERNATIONAL INSTITUTIONS: Functions of International Institutions and their Impacts on developing countries – IMF – IBRD – GATT - WTO – SAARC – NAFTA.

Text Books

Dominick Salvatore, *International Economics*, Macmillan Publishing company, New York, 2014.

Peter H. Linder C.P. R.D.Irwin, *International Economics*, Home Wood Illinois, USA, 2000.

Sodersten, Bo and Geoffery Reed, *International Economics*, Hong Kong, Mccmillan Education ltd, 1998.

Reference Books

Bardhan PK, Economic Growth, *Development and Foreign Trade*, Willy Int. New York, USA, 1970.

Mannur H.G, *International Economics*, Vikas Publishing House Pvt. Ltd, New Delhi, 1999.

Mithani DM, *International Economics*, Himalaya Publishing House, Mumbai, 2015.

M.L.Jhingan, *International Economics*, Vrinda publications Pvt Ltd, Mayur Vinar Phase – I Delhi, 2009.

Pedagogy

Chalk & Talk, E-Resources, Group Discussion

Teaching aids

Black Board, LCD Projector

Course Contents and Lecture Schedule

Module No.	Topic	No. of Lectures	Content Delivery Methods
UNIT - I			
1.1	Theories of Absolute Advantage- Comparative Advantage	4	Chalk & Talk
1.2	Haberler's Theory of Opportunity cost – Mill's Theory of Reciprocal demand	6	Chalk & Talk
1.3	Modern theory of factor reciprocal demand – Modern theory of factor endowment	4	E- Resources
1.4	Factor price equalization theorem – The Rybczynski Theorem – Leontief paradox.	6	Discussion
UNIT - II			
2.1	Vernon's Product Cycle Theory	3	Chalk & Talk
2.2	Perbisch Singer Thesis	3	Discussion
2.3	Immiserising Growth– Technical Progress	5	Chalk & Talk
2.4	Classifications and Effects of Technical Progress.	5	E- Resources
UNIT - III			
3.1	Free Trade vs. protection	4	Chalk & Talk
3.2	Effects of Tariffs – Import Quotas	4	E- Resources
3.3	Types and its effects – Dumping – Anti Dumping Measures	5	Discussion

3.4	The Theory of Custom Union – Economic Integration.	5	Chalk & Talk
UNIT - IV			
4.1	Balance of Trade and Balance of Payments	5	E- Resources
4.2	Structure of BOP Accounts	5	Chalk & Talk
4.3	BOP Disequilibrium – Causes	4	Chalk & Talk
4.4	Methods of Correcting Unfavorable Balance of Payments.	4	Discussion
UNIT - V			
5.1	Functions of International Institutions and their Impacts on developing countries	4	Chalk & Talk
5.2	IMF – IBRD	5	E- Resources
5.3	GATT - WTO	4	Discussion
5.4	SAARC – NAFTA	5	Chalk & Talk
Total		90	

Course Designer

Dr. Waseema Yaseen

Assistant Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20PECE21	Agricultural Economics	Elective - II	90	5

Nature of Course	
Knowledge Oriented	✓
Skill Oriented	
Employability Oriented	
Entrepreneurship Oriented	

Course Relevance	
Local	
Regional	
National	✓
Global	

Preamble

The course intends to highlight some of the central aspects of the Agricultural Economics. It deals with the important aspects of agriculture in a growing economy; farm-size productivity relationship and supply price of agricultural factor markets, bringing out the Inter-linkages involved therein.

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	Learn the concept of agricultural economics with the models of agriculture development	K1,K2
CO2	Understand the productivity problems in agricultural sector.	K1,K2
CO3	Review the applicability of agricultural price policy and food security issues.	K1,K2,K3,K4,K5
CO4	Impart knowledge on the part of agricultural finance and marketing	K1, K2
CO5	Analyze the impact of institutional support and recent trends in agriculture sector.	K1, K2,K3,K4,K5

K1-Knowledge K2-Understand K3-Apply K4- Analyse K5- Evaluate

Mapping of CO with PO

	P01	P02	P03	P04	P05
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

1-Low

2-Medium

3-Strong

Mapping of CO with 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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

18 Hours

AGRICULTURE AND ECONOMIC DEVELOPMENT: Nature and Scope of Agriculture and Rural Economics – Traditional Agriculture and its Modernization, interdependence between Agriculture and Industry – Role of Agriculture in Economic Development – Cropping patterns – Models of Agricultural Development.

UNIT II

21 Hours

AGRICULTURE AND ECONOMIC DEVELOPMENT: Core Problems of Agriculture – Agriculture Holding – Optimal Holding and Economic Holding – Co-operative Farming – Farm Size and Productivity – Causes for Low Productivity in Agriculture – Measures to improve Agricultural Productivity – Farm Budget – Cost Concept.

UNIT III

19 Hours

AGRICULTURE PRICE POLICY AND FOOD SECURITY: Agriculture Price Policy: Objectives and Instruments - Agricultural Price Policy in India – Recent Agricultural Price Policy – Food Security – Need for Food Security in India - Food Insecurity – Causes and Status.

UNIT IV

14 Hours

AGRICULTURAL FINANCE AND MARKETING: Agricultural Finance – Need – Sources of Finance – Importance – Classifications – Agricultural Financial Institutions – RRBS - RBI- NABARD- Agricultural Market – Problems of Marketing – Measures to Improve Agricultural Marketing.

UNIT V

18 Hours

AGRICULTURAL GROWTH: Capital Formation in Indian Agriculture – Trends in Investment in Agriculture – Emerging Issues in Organic Farming – Issues in GM Crops – Impact of WTO on Indian Agriculture.

Text Books

Ashok Rudra, *Indian Agriculture Economics*, Myths and Realities, Allied Publishers Mumbai, 1982.

Lekhi R.K, Jogindar Singh, *Agriculture Economics*, Kalyani Publishers, New Delhi, 2011.

Soni R.N, *Leading Issues In Agriculture Economics*, Arihant Press, Jalandhar, 2009.

Reference Books

Bala.G.S, Gurumail Singh, *Economic Liberalization and Indian Agriculture*, Sage Publishers, Pvt. Ltd, 2012.

Gulati. A and T.Kelly, Trade, *Liberalization and Indian Agriculture*, Sage Publishers New Delhi, 2001.

Rao.C.H, Hanumatha, *Agricultural Growth, Rural Poverty and Environmental Degradation in India*, Oxford University Press, New Delhi, 1994.

Thakur. D.C, *Agricultural Sector Development*, Deep and Deep Publications, New Delhi, 1992.

Pedagogy

Chalk & Talk, E-Resources, Group Discussion

Teaching aids

Black Board, LCD Projector

Course Contents and Lecture Schedule

Module No.	Topic	No. of Lectures	Content Delivery Methods
UNIT - I			
1.1	Nature and Scope of Agriculture and Rural Economics	4	Discussion
1.2	Traditional Agriculture and its Modernization, interdependence between Agriculture and Industry	5	Chalk & Talk
1.3	Role of Agriculture in Economic Development	4	Chalk & Talk
1.4	Cropping patterns – Models of Agricultural Development.	5	E- Resources
UNIT - II			
2.1	Core Problems of Agriculture	3	Discussion
2.2	Agriculture Holding – Optimal Holding and Economic Holding	4	Chalk & Talk

2.3	Co-operative Farming – Farm Size and Productivity – Causes for Low Productivity in Agriculture	5	E- Resources
2.4	Measures to improve Agricultural Productivity	5	E- Resources
2.5	Farm Budget – Cost Concept.	4	Chalk & Talk
UNIT - III			
3.1	Agriculture Price Policy: Objectives and Instruments	3	Chalk & Talk
3.2	Agricultural Price Policy in India	4	E- Resources
3.3	Recent Agricultural Price Policy	4	Discussion
3.4	Food Security – Need for Food Security in India	5	Chalk & Talk
3.5	Food Insecurity – Causes and Status.	3	E- Resources
UNIT - IV			
4.1	Agricultural Finance – Need – Sources of Finance – Importance – Classifications –	2	E- Resources
4.2	Agricultural Financial Institutions – RRBS - RBI - NABARD	4	Discussion
4.3	Agricultural Market – Problems of Marketing	4	E- Resources
4.4	Measures to Improve Agricultural Marketing.	4	Chalk & Talk
UNIT - V			
5.1	Capital Formation in Indian Agriculture	4	Chalk & Talk
5.2	Trends in Investment in Agriculture	4	Discussion
5.3	Emerging Issues in Organic Farming	3	E- Resources
5.4	Issues in GM Crops	3	Chalk & Talk
5.5	Impact of WTO on Indian Agriculture.	4	E- Resources
Total		90	

Course Designer

Dr. Waseema Yaseen

Assistant Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20PECE22	Managerial Economics	Elective -II	90	4

Nature of Course	
Knowledge Oriented	✓
Skill Oriented	
Employability Oriented	
Entrepreneurship Oriented	

Course Relevance	
Local	
Regional	
National	✓
Global	

Preamble

The course will sharpen analytical skills through integrating knowledge of economic theory with decision making techniques.

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	Define the basic concepts and methods of managerial economics	K1
CO2	Outline the real theories of profit management in business firms	K1,K2
CO3	Identify the features and methods of capital budgeting	K1,K2,K3,K4
CO4	Compare the concepts of macro economics in business	K1,K2
CO5	Evaluate the various inventory methods and cost management	K1,K2,K3,K4,K5

K1-Knowledge K2-Understand K3-Apply K4- Analyse K5- Evaluate

Mapping of CO with PO

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

1-Low

2-Medium

3-Strong

Mapping of CO with PSO

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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

18 Hours

FUNDAMENTAL CONCEPTS AND METHODS: Meaning, Nature and Significance - Fundamental concepts - Role and responsibilities of a Managerial economist in business - Models used for decision making - Case Study Method – Meaning, Usefulness of Case study method - Techniques of discussion - Limitations of Case study method

UNIT II

18 Hours

PROFIT MANAGEMENT: Nature of Profit - Profit Theories - Measuring Accounting Profit - Profit Policies - Profit Planning and Forecasting

UNIT III

18 Hours

CAPITAL BUDGETING: Capital and its Significance - Estimation of Fixed and Working Capital requirements - Nature and Scope of Capital Budgeting - Features of Capital Budgeting Proposals - Methods of Capital Budgeting - Pay back Method - accounting Rate of Return - Net Present Value Method - Internal Rate of return Method

UNIT IV

18 Hours

MACRO ECONOMICS AND BUSINESS DECISIONS: Business Cycle and Business Policies - Economic Forecasting for Business - Demand Recession in India - Input-Output Analysis - National Income Accounting for Managers

UNIT V

18 Hours

INVENTORY AND COST MANAGEMENT: Meaning, Need and types of Inventory - Market Structure and Inventory - Cost of holding Inventory - Inventory Control-objectives - Methods of Inventory control - EOQ - ABC analysis

Text Books

Mehta P L, *The strategy of Economic Development - Problems and cases*, Sultan Chand & Sons, 2002.

M.C. Guigan, Mayar and Harris, *Managerial Economics Applications Strategy*, Thomson South-Western, 2002, PHI 4th edition.

W. Cris Lewis, *Managerial Economics*, Tata McGraw - Hill, New Delhi, 2011

Reference Books

Dominick Salvatore, *Managerial Economics in a Global Economy*, Thomson South-Western, 2002, PHI 4th edition.

W. Chris Lewis, *Managerial Economics*, Pearson Education, Asia, 2001, 4th edition.

Philip K.Y. Young, *Managerial Economic Tools for Today's Decision Makers*, Pearson Education, Asia, 2003, 4th edition.

Pedagogy

Chalk & Talk, E-Resources, Group Discussion

Teaching aids

Black Board, LCD Projector

Course Contents and Lecture Schedule

Module No.	Topic	No. of Lectures	Content Delivery Methods
UNIT - I			
1.1	Meaning, Nature and Significance - Fundamental concepts	4	Discussion
1.2	Role and responsibilities of a Managerial economist in business - Models used for decision making	5	Chalk & Talk
1.3	Case Study Method – Meaning, Usefulness of Case study method	4	Chalk & Talk
1.4	Techniques of discussion - Limitations of Case study method	5	E- Resources
UNIT - II			
2.1	Nature of Profit - Profit Theories	4	Discussion
2.2	Measuring Accounting Profit	4	Chalk & Talk
2.3	Profit Policies	5	E- Resources
2.4	Profit Planning and Forecasting	5	Chalk & Talk
UNIT - III			
3.1	Capital and its Significance - Estimation of Fixed and Working Capital requirements	3	Chalk & Talk
3.2	Nature and Scope of Capital Budgeting - Features of Capital Budgeting Proposals	2	Chalk & Talk

3.3	Methods of Capital Budgeting - Pay back Method	4	E- Resources
3.4	accounting Rate of Return - Net Present Value Method	5	Discussion
3.5	Internal Rate of return Method	4	Chalk & Talk
UNIT - IV			
4.1	Business Cycle and Business Policies	4	Chalk & Talk
4.2	Economic Forecasting for Business	5	E- Resources
4.3	Demand Recession in India – Input - Output Analysis	4	Discussion
4.4	National Income Accounting for Managers	5	Chalk & Talk
UNIT - V			
5.1	Meaning, Need and types of Inventory	3	Chalk & Talk
5.2	Market Structure and Inventory	4	Discussion
5.3	Cost of holding Inventory	5	E- Resources
5.4	Inventory Control-objectives	2	Discussion
5.5	Methods of Inventory control - EOQ - ABC analysis	4	Chalk & Talk
Total		90	

Course Designer

Ms. S. Sagetha Parvin

Assistant Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20PECE23	Gender, Development and Globalization	Elective -II	90	4

Nature of Course	
Knowledge Oriented	✓
Skill Oriented	
Employability Oriented	
Entrepreneurship Oriented	

Course Relevance	
Local	
Regional	
National	✓
Global	

Preamble

This course is motivated to familiarize students with the key theoretical concepts, approaches and views related to the role of women in the achievement of development.

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	Define the basic concepts and methods of managerial economics	K1,K2
CO2	Outline the real theories of profit management in business firms	K1,K2
CO3	Identify the features and methods of capital budgeting	K1,K2,K3,K4
CO4	Compare the concepts of macro economics in business	K1,K2
CO5	Evaluate the various inventory methods and cost management	K1,K2,K3,K4,K5

K1-Knowledge

K2-Understand

K3-Apply

K4- Analyse

K5- Evaluate

Mapping of CO with PO

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

1-Low

2-Medium

3-Strong

Mapping of CO with 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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

18 Hours

GENDER AND DEVELOPMENT: Development - changing concept – from growth to development - concept of human development - Women's role in Development - Different approaches to development: WID - WAD and GAD

UNIT II

18 Hours

GLOBALIZATION: Economic and social Aspects - Impact of Globalization in the light of multiple roles of women - Structural Adjustment Program and Employment of Women.

UNIT III

18 Hours

WOMEN'S EMPOWERMENT – PROGRAMMES & POLICIES: Concept of women empowerment – Women development and empowerment – Programmes Central and State Government - IRDP – DWACRA – SGSY – Shreeshakti, MGNREGA

UNIT IV

18 Hours

SUPPORT SERVICES TO WOMEN EMPLOYMENT: Employment Generation Schemes - Approaches and Access to Credit (from traditional form of credit to microcredit), Microfinance revolution - SHGs and Economic Empowerment.

UNIT V

18 Hours

GENDER PLANNING: Human Development Index – Methods of Activity at Gender Based Analysis – Gender Related Development Index - Gender Empowerment Measures – Mainstreaming Gender development policies – Paradigm shift from women well being to Women's Empowerment; Gender needs – practical and strategic.

Text Books

Kaila H.L, *Women, Work and the Family*, Rawat Publications, Jaipur, 2005.

Sheela Varghese, *Employment of Women in the unorganized manufacturing sector*, University Book House Private Limited, Jaipur, 2003.

Promilla Kapur (ed), ***Empowering Indian Women***, Publication Division, Government of India, New Delhi, 2000.

Reference Books

Malcom Harper, ***Profit for the Poor – Cases in Microfinance***, Oxford and IBH Publishing House, New Delhi, 1998.

Kimmel S. Michael, ***The Gendered Society***, Oxford University Press, Oxford, 2004.

P. Arora, ***Gender and Power***, Pacific Publication, Delhi, 2011.

M. Holmes, ***What is Gender***, Sage Publications, London, 2007.

R. Rayle, ***Questioning Gender: A Sociological Exploration***, Sage, New York, 2011.

Pedagogy

Chalk & Talk, E-Resources, Group Discussion

Teaching aids

Black Board, LCD Projector

Course Contents and Lecture Schedule

Module No.	Topic	No. of Lectures	Content Delivery Methods
UNIT - I			
1.1	Development - changing concept – from growth to development	5	Discussion
1.2	concept of human development	5	Chalk & Talk
1.3	Women's role in Development	3	E- Resources
1.4	Different approaches to development: WID - WAD and GAD	5	Chalk & Talk
UNIT - II			
2.1	Economic and social Aspects	4	Discussion
2.2	Impact of Globalization in the light of multiple roles of women	5	E- Resources
2.3	Structural Adjustment Program and	5	Chalk & Talk
2.4	Employment of Women.	4	Chalk & Talk
UNIT - III			
3.1	Concept of women empowerment	5	Chalk & Talk
3.2	Women development and empowerment	4	Discussion
3.3	Programmes of Central and State Government like IRDP and DWACRA	4	E- Resources
3.4	SGSY, Shree shakti and MGNREGA	5	Chalk & Talk

UNIT - IV			
4.1	Employment Generation Schemes	4	Discussion
4.2	Approaches and Access to Credit (from traditional form of credit to microcredit)	5	E- Resources
4.3	Microfinance revolution	4	Chalk & Talk
4.4	SHGs and Economic Empowerment.	5	Chalk & Talk
UNIT - V			
5.1	Human Development Index	3	Chalk & Talk
5.2	Methods of Activity at Gender Based Analysis – Gender Related Development Index	4	E- Resources
5.3	Gender Empowerment Measures – Mainstreaming Gender development policies	4	Chalk & Talk
5.4	Paradigm shift from women well being to Women's Empowerment	3	Discussion
5.5	Gender needs –practical and strategic	4	Chalk & Talk
Total		90	

Course Designer

Ms. P. Ponmani

Assistant Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20PECC31	Industrial Economics	Core - IX	90	5

Nature of Course	
Knowledge Oriented	✓
Skill Oriented	
Employability Oriented	
Entrepreneurship Oriented	

Course Relevance	
Local	
Regional	
National	✓
Global	

Preamble

The paper aims to provide the knowledge about the importance of Industrialisation and principles of Agglomeration. It also consists of Nature of Small Scale Industries and financial Institutions.

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	Acquire significant features of Industry, Industrialisation.	K1,K2
CO2	Understand Industrial location and its theories.	K1,K2,K3
CO3	Import the knowledge about Industrial Finance, Financial institutions and market structure.	K1,K2,K3
CO4	Analyse Industrial disputes and its settlements.	K4
CO5	Review the applicability of industrial policies and its trends	K1,K2,K3,K4,K5

K1-Knowledge K2-Understand K3-Apply K4- Analyse K5- Evaluate

Mapping of CO with PO

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

1-Low

2-Medium

3-Strong

Mapping of CO with PSO

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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

18 Hours

INDUSTRY AND ECONOMIC DEVELOPMENT: Industry and Industrialization – characteristics – Role and Pattern – Factors inhibiting Industrialization – Industrial Classification – public – private – Joint – Co-Operative sectors – Concepts of Organization – Objective - Types – Features – Merits and Demerits

UNIT II

18 Hours

INDUSTRIAL LOCATION: Industrial Location – Factors Affecting Industrial Location – Weber and Sargent Florence Theory – Sellers Concentration – Product Differentiation – Entry Conditions – Economies of Scale

UNIT III

18 Hours

INDUSTRIAL FINANCE AND MARKET: Owned – External – Other Components of Funds – Role of Finance and Types of Finance – IDBI – IFCI – SFC'S – SIDC – Commercial Banks – Market Structure – Role and Importance of Industrial Market

UNIT IV

18 Hours

INDUSTRIAL DISPUTES AND LABOUR: Industrial Relations –Industrial Disputes – Causes of Industrial Disputes – Settlement of Industrial Disputes – Structure of Industrial Labour – Employment Dimensions in Indian Industry – Social Security Measures in India

UNIT V

18 Hours

INDIAN INDUSTRIAL GROWTH AND PATTERN: Classification of Industries – Determinants of Industrial Growth – Industrial Policies in India – Role of Public and Private Sectors – Recent Trends in Industrial Growth - MNCs in India

Text Books

K V Sivayya & V B M Das, *Indian Industrial Economy*, S Chand & Company Ltd., New Delhi, 2005 11th Edition.

Barthwal, ***Industrial Economics***, New International Age Ltd., New Delhi, 2004, 10th Edition.

M P Gurusamy, ***Industrial Economics***, Vannan Publishers, Tiruchendur, 2003, 3rd Edition.

M P Gurusamy, ***Indian Economic development***, Guru Themozhi, Tiruchendur, 2005, 5th Edition.

Reference Books

Ahulwalia.I.J, ***Industrial Growth in India***, Oxford University Press, London.

Cherunilam.F, ***Industrial Economics Indian Perspective***, Himalaya publishing House, Mumbai.

Singh. A & A.N. Sadhu, ***Industrial Economics***, Himalaya publishing House, Mumbai.

Barthwal. R.R, ***Industrial Economics***, Wiley Eastern Ltd, New Delhi.

Ranjana Seth, ***Industrial Economics***, Ane Books Pvt Ltd. New Delhi.

Pedagogy

Chalk & Talk, E-Resources, Group Discussion

Teaching aids

Black Board, LCD Projector

Course Contents and Lecture Schedule

Module No.	Topic	No. of Lectures	Content Delivery Methods
UNIT - I			
1.1	Industry and Industrialization	2	Discussion
1.2	Characteristics ,Role and Pattern	5	Chalk & Talk
1.3	Factors inhibiting Industrialization	2	Chalk & Talk
1.4	Industrial Classification – public – private – Joint – Co-Operative sectors	5	E-Resources
1.5	Concepts of Organization – Types – Features – Merits and Demerits	4	Chalk & Talk
UNIT - II			
2.1	Industrial Location	2	Discussion
2.2	Factors affecting Industrial Location	3	Chalk & Talk
2.3	Weber and Sargent Florence Theory	5	E-Resources
2.4	Sellers Concentration	2	Chalk & Talk
2.5	Product Differentiation	2	Chalk & Talk
2.6	Entry Conditions	2	E-Resources

2.7	Economies of scale	2	Discussion
UNIT - III			
3.1	Owned, External, Other Components of Funds	2	Discussion
3.2	Role of Finance and Types of Finance	2	E-Resources
3.3	IDBI	2	Chalk & Talk
3.4	IFCI - SFC'S	4	E-Resources
3.5	SIDC - Commercial Banks	4	Chalk & Talk
3.6	Market Structure	2	E-Resources
3.7	Role and Importance of Industrial Market	2	Chalk & Talk
UNIT - IV			
4.1	Industrial Relations	2	Discussion
4.2	Industrial Disputes	2	Chalk & Talk
4.3	Causes of Industrial Disputes	2	Discussion
4.4	Settlement of Industrial Disputes	3	E-Resources
4.5	Structure of Industrial Labour	3	Chalk & Talk
4.6	Employment Dimensions in Indian Industry	3	Chalk & Talk
4.7	Social Security Measures in India	3	E-Resources
UNIT - V			
5.1	Classification of Industries	3	Chalk & Talk
5.2	Determinants of Industrial Growth	3	E-Resources
5.3	Industrial Policies in India	3	Discussion
5.4	Role of Public and Private Sectors	4	Chalk & Talk
5.5	Recent Trends in Industrial Growth	2	E-Resources
5.6	MNCs in India	3	Discussion
Total		90	

Course Designer

Ms. S. Sagetha Parvin

Assistant Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20PECC32	Developmental Economics	Core - X	90	5

Nature of Course	
Knowledge Oriented	✓
Skill Oriented	
Employability Oriented	
Entrepreneurship Oriented	

Course Relevance	
Local	
Regional	
National	✓
Global	

Preamble

To analyze the concepts of economic growth, development and what are the indicators are supporting to achievements of the nations.

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	To understand the difference between development and growth, what are the determinants are determining economic development then the different character of UDC.	K1,K2
CO2	To perceive knowledge from different development economists ideology how it should be helps to enhance economic growth of the nations.	K1,K2
CO3	To analyze and evaluate the different growth models are incorporated to growth of the under developed economics	K1,K2,K3,K4,K5
CO4	To obtain the knowledge and analyze about the role and of the human capital, population and manpower planning in to the economic progress of the country.	K4
CO5	The course is focus to specific measurement of the success and failure of economic planning and also applied to execute effecting planning.	K1,K2,K3

K1-Knowledge

K2-Understand

K3-Apply

K4- Analyse

K5- Evaluate

Mapping of CO with PO

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

1-Low

2-Medium

3-Strong

Mapping of CO with PSO

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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

15 Hours

ECONOMIC GROWTH AND ECONOMIC DEVELOPMENT: Meaning of Economic development – Difference between Growth and Development - Measuring Economic growth and development-Determinants of Economic development-Characteristics of UDC's

UNIT II

26 Hours

THEORIES OF ECONOMIC DEVELOPMENT: Theories of Adam smith- Ricardo – Marx – Schumpeter - Lewis theory of unlimited supplies – Fei – Ranis – theory – Nurkse theory of disguised unemployment - Leibenstein's critical minimum effort thesis- Nelson's theory - Rosenstein-Rodan's thesis - Hirschman's Strategy

UNIT III

13 Hours

GROWTH MODELS: Harrod- Domar models –Kaldor's model - Rostow's stages of economic growth-Robinson-Mahalanobis model.

UNIT IV

18 Hours

HUMAN DEVELOPMENT: Human capital formation – Effects of population growth and development – Theory of demographic Transition – Manpower planning in UDCs – Problems – criteria and strategies.

UNIT V

18 Hours

ECONOMIC OF PLANNING: Objectives and strategies of planning- Failures and achievements of Five year Plans-Developing grass-root organizations for development-Arguments For and against Planning – Concepts of Economics of planning- Choice of techniques

Text Books

Debraj Roy, *Development Economics*, MC Graw Hill, New Delhi.

Peet and Hartwick, *Theories of Development*, Konark publication, New Delhi.

Reference Books

S.K. Mishra and V.K. Puri, *Economics of development and planning*, Himalalaya publishers, New Delhi

M.L. Jingan, *Economics of development and planning*, Konark publication, New Delhi.

Burrice Harrice and Charles P.Kindle Berger, *Economic Development*, MC Graw Hill, New Delhi.

M.L.Taneja and R.M.Myer, *Economics of development and Planning*, Vishal Publication co.

Pedagogy

Chalk & Talk, E-Resources, Group Discussion

Teaching aids

Black Board, LCD Projector

Course Contents and Lecture Schedule

Module No.	Topic	No. of Lectures	Content Delivery Methods
UNIT - I			
1.1	Meaning of economic development – Growth and Development a contrast	5	Chalk & Talk
1.2	Measuring Economic growth and development	2	Discussion
1.3	Determinants of Economic development	3	E-Resources
1.4	Characteristics of LDC's	5	Chalk & Talk
UNIT - II			
2.1	Theories of Adam smith, Ricardo, Marx, Schumpeter	5	Chalk & Talk
2.2	Lewis theory of unlimited supply	3	Discussion

2.3	R Leibenstien's critical minimum effort thesis -Fei Ranis theory	5	E-Resources
2.4	Nurkse theory of disguised unemployment	3	Chalk & Talk
2.5	Leibenstien's critical minimum effort thesis	5	Discussion
2.6	Nelson's theory – Rosenstein - Rodan's thesis - Hirschman's Strategy	5	E-Resources
UNIT - III			
3.1	Harrod - Domar models – Kaldor's model	4	Chalk & Talk
3.2	Rostow's stages of economic growth	5	Discussion
3.3	Robinson-Mahalanobis model	4	E-Resources
UNIT - IV			
4.1	Human capital formation	4	Chalk & Talk
4.2	Effects of population growth and development	5	Discussion
4.3	Theory of demographic Transition	4	E-Resources
4.4	Manpower planning in UDCs – Problems – criteria and strategies	5	Chalk & Talk
UNIT - V			
5.1	Objectives and strategies of planning; Failures and achievements of five Plan	5	Chalk & Talk
5.2	Planning for the Developing grass - root organizations	4	Discussion
5.3	Argument For and against Planning.	4	E-Resources
5.4	Concepts of Economics of planning - Choice of technique	5	Chalk & Talk
Total		90	

Course Designer

Dr. V. Paramasivan

Assistant Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20PECC33	Research Methodology	Core-XI	90	4

Nature of Course	
Knowledge Oriented	✓
Skill Oriented	
Employability Oriented	
Entrepreneurship Oriented	

Course Relevance	
Local	
Regional	
National	✓
Global	

Preamble

To introduce the basic techniques of Research relating to economics. To get an insight into economic problems with the help of Research tools.

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
C01	Understand basic concepts of research and its methodology	K1,K2
C02	Identify appropriate research problems and formulate hypothesis	K1,K2
C03	Define appropriate research methods and design	K1,K2,K3
C04	Prepare the projects proposal and do analysis of data	K4
C05	Write research report in a more appropriate manner	K1,K2,K3,K4K5

K1-Knowledge K2-Understand K3-Apply K4- Analyse K5- Evaluate

Mapping of CO with PO

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

1-Low

2-Medium

3-Strong

Mapping of CO with 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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

20 Hours

RESEARCH CONCEPTS: Meaning of Research - Objectives – Characteristics of Research – Types – Research Methods Vs Methodology Criteria of a good research – Research Process – Problems encountered by Researchers in India.

UNIT II

20 Hours

FORMULATION OF RESEARCH PROBLEM AND HYPOTHESES: Research problem - Meaning – Definitions- source – Criteria of a good research problem –Statement of Problem – Hypothesis – Meaning Importance – Types – Sources – Characteristics of a good hypothesis – Formulation and Testing of hypothesis.

UNIT III

15 Hours

RESEARCH METHODS AND RESEARCH DESIGN: Research Methods-Classification of research Methods: Historical Method-Case study method-Survey method-Census and sampling Methods-Types of sampling-data-sources-primary sources-secondary sources-methods of collection of primary data.

UNIT IV

20 Hours

ANALYSIS OF DATA: Processing of data-Editing of data-Coding of data-Tabulation of Data-presentation of data: Graphs and Diagrams-Analysis of data: Univariate, Bivariate and Multivariate Analysis-Correlation analysis-Regression –ANOVA-Non parametric tests: Chi-square test-Testing of hypothesis –criteria for testing of hypothesis-T test and F test.

UNIT V

15 Hours

REPORT WRITING: Meaning of research report –Types of report -Steps in Report Writing - Format and structure of a Research report – components of research report: Foot note – Tables, diagram. Quotations – Bibliography – Appendix – precautions to be followed in writing the research report – preparations of research report.

Text Books

Young, P.V *Scientific surveys and research*, Asia Publishing house, New York 1962.
C.T. Kurien, *A Guide to Research in Economics*, Rainbow Publications, Coimbatore, 1985

Reference Books

C.R Kothari *Research Methodology - Methods of Techniques*, New Age International Publications, New Delhi, 2006, Fourth edition.
U. Shankar and Lakshmanasamy *Research Methodology of Applied Economics*, Sterling Publishing Company, New Delhi.

Pedagogy

Chalk & Talk, E-Resources, Group Discussion

Teaching aids

Black Board, LCD Projector

Course Contents and Lecture Schedule

Module No.	Topic	No. of Lectures	Content Delivery Methods
UNIT - I			
1.1	Meaning of Research – Objectives	5	Chalk & Talk
1.2	Characteristics of Research-Types	3	Discussion
1.3	Research Methods Vs Methodology	3	E-Resources
1.4	Criteria of a good research - Research Process	6	Chalk & Talk
1.5	Problems Encountered by Researchers in India.	3	Discussion
UNIT - II			
2.1	Research problem-Meaning – Definitions –source – Hypothesis	3	Chalk & Talk
2.2	Criteria of a selection good research problem	2	Discussion
2.3	Statement of Problem - Meaning and Importance	4	E-Resources
2.4	Types – Sources	4	Chalk & Talk
2.5	Characteristics of a good hypothesis	3	E-Resources
2.6	Formulation and testing of hypothesis.	4	Discussion

UNIT - III			
3.1	Research Methods-Classification of research	3	Chalk & Talk
3.2	Historical Method-Case study method-Survey method Census and sampling Methods	4	Discussion
3.3	Types of sampling-data-sources-primary sources-secondary sources-	4	E-Resources
3.4	Methods of collection of primary data.	4	Chalk & Talk
UNIT - IV			
4.1	Processing of data	3	Chalk & Talk
4.2	Editing of data-Coding of data	4	Discussion
4.3	Tabulation of Data-presentation of data: Graphs and Diagrams	3	E-Resources
4.4	Analysis of data: Univariate, Bivariate and Multivariate.	3	Chalk & Talk
4.5	Analysis-Correlation analysis-Regression for testing of hypothesis-T test and F test	3	E-Resources
4.6	ANOVA-Non parametric tests: Chi-square test-Testing of hypothesis –criteria	4	Discussion
UNIT - V			
5.1	Meaning research report-Types of report - Steps in Report Writing	4	Chalk & Talk
5.2	Format and structure of a Research report	4	Discussion
5.3	Components of research report : Foot note – Tables - Diagram and Quotations	2	E-Resources
5.4	Bibliography – Appendix	1	Chalk & Talk
5.5	Precautions to be followed in writing the research report- Preparation of research report	4	E-Resources
Total		90	

Course Designer

Ms. P. Ponmani

Assistant Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20PECE31	Computer Application In Economics	Elective -II	90	4

Nature of Course	
Knowledge Oriented	
Skill Oriented	
Employability Oriented	✓
Entrepreneurship Oriented	

Course Relevance	
Local	
Regional	
National	✓
Global	

Preamble

To introduce the basic techniques of Research relating to economics and also get an insight into economic problems with the help of Research tools.

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	Get a sound knowledge on data entry and data formatting using Ms-Office	K1,K2,K3,K4,K5
CO2	Expose themselves to quantitative tools and charting the data	K1,K2
CO3	Acquire knowledge to work with different types of networks.	K1,K2
CO4	Develop skill to use Excel Sheets - Statistical Functions and learn Graphics.	K1,K2,K3,K4,K5
CO5	Prepare presentations for seminars /conferences in Power Point mode.	K1,K2,K3,K4

K1-Knowledge K2-Understand K3-Apply K4- Analyse K5- Evaluate

Mapping of CO with PO

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

1-Low

2-Medium

3-Strong

Mapping of CO with PSO

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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

18 Hours

UNDERSTANDING THE COMPUTER: Importance of Computers, History of Computers, Classification of Computers, Computing Concepts: Input – Output Devices, External Storage Devices, Software - Programming Languages, Low and High Level Languages.

UNIT II

18 Hours

UNDERSTANDING THE COMPUTER: Importance of Computers, History of Computers, Classification of Computers, Computing Concepts: Input – Output Devices, External Storage Devices, Software: Programming Languages, Low and High Level Languages.

UNIT III

18 Hours

MS – ACCESS AND ITS APPLICATIONS: Introduction to Access – Creating a simple database and tables – Forms – Entering and editing data – Finding, Sorting and Displaying data – Printing Reports, Forms, Letters and Labels.

UNIT IV

18 Hours

MS-POWER POINT AND ITS APPLICATIONS: Power point Basics – Creating presentations – Working with text – Working with graphics and Multimedia – Showing a presentation.

UNIT V

18 Hours

COMPUTER NETWORK AND BROWSING: Introduction to Telecommunication Processors – Telecommunication Software – Communication Processors – Types of Networks, E-Mail Concepts – Creating, Editing and Sending of E Mail, Advantages and Disadvantages of E - Mail.

Text Books

C. Nellai Kannan, **MS - OFFICE**, Nels Publication, Tamilnadu, 2012, 5th Edition.

Alexis Leon, Mathews Leon, **Introduction To Computer**, Leon Press (A Division of Win Leon Publishing Pvt Ltd), Chennai.

Reference Books

Balaguruswamy.E, *Programming in Basic Data*, Mc Graw Hill Company Limited, New Delhi.

Sanjay Saxena, *A First Course in Computers*, Vikas Publishing House, New Delhi

Xavier. C – *Introduction to Computers and Basic Programming*, New Age International Publishers, New Delhi.

Pradeep K. Sinha and Preeti Sinha, *Foundation of Computing*, BPB Publication, New Delhi.

Pedagogy

Chalk & Talk, E-Resources, Group Discussion

Teaching aids

Black Board, LCD Projector

Course Contents and Lecture Schedule

Module No.	Topic	No. of Lectures	Content Delivery Methods
UNIT - I			
1.1	Importance of Computers	3	Discussion
1.2	History of Computers	2	Chalk & Talk
1.3	Classification of Computers	3	E-Resources
1.4	Computing Concepts, Input – Output Devices	4	Discussion
1.5	External Storage Devices	2	E-Resources
1.6	Software	2	E-Resources
1.7	Programming Languages, Low and High Level Languages	2	Chalk & Talk
UNIT - II			
2.1	Introducing Microsoft Office	3	Discussion
2.2	MS – Word : Basics – Formatting Text and Documents	5	Chalk & Talk
2.3	Working with Headers, Footers and Footnotes	3	Chalk & Talk
2.4	MS- Excel: Basics – Arranging Work Sheets – Formatting	4	E-Resources
2.5	Statistical Functions – Charts – Graphics	3	E-Resources

UNIT - III			
3.1	Introduction to Access	3	Discussion
3.2	Creating a simple database and tables	5	E-Resources
3.3	Forms – Entering and editing data	4	E-Resources
3.4	Finding, Sorting and Displaying data	3	Chalk & Talk
3.5	Printing Reports, Forms, Letters and Labels.	3	Chalk & Talk
UNIT - IV			
4.1	Power point Basics	4	Discussion
4.2	Creating presentations	4	E-Resources
4.3	Working with text	3	Chalk & Talk
4.4	Working with graphics and Multimedia	3	Chalk & Talk
4.5	Showing a presentation.	4	E-Resources
UNIT - V			
5.1	Introduction to Telecommunication Processors	2	Discussion
5.2	Telecommunication Software	3	Chalk & Talk
5.3	Communication Processors	3	Chalk & Talk
5.4	Types of Networks	4	E-Resources
5.5	E-Mail Concepts – Creating, Editing and Sending E – Mail	3	Discussion
5.6	Advantages and Disadvantages E - Mail	3	E-Resources
Total		90	

Course Designer

Dr. Waseema Yaseen

Assistant Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20PECE32	Economics of Business Management	Elective - II	90	4

Nature of Course		Course Relevance	
Knowledge Oriented		Local	
Skill Oriented		Regional	
Employability Oriented	✓	National	✓
Entrepreneurship Oriented		Global	

Preamble

To acquaint the students with the fundamentals of managing business and to understand individuals and group behavior at workplace. To familiarize the students with the concepts and practice of planning, organizing staffing and managing the developments in the modern organizational setting.

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	Acquire knowledge on management theories and learn to apply them.	K1,K2,K3
CO2	Analyze effective application of Project Planning management to diagnose and solve organizational problems.	K1,K2,K3,K4
CO3	Demonstrate an understanding of the impact of globalization on management.	K1,K2,K3,K4,K5
CO4	Evaluate and apply the right training method in the organization.	K1,K2,K3,K5
CO5	Understand the techniques of controlling and co-ordination in organization.	K1,K2

K1-Knowledge K2-Understand K3-Apply K4- Analyse K5- Evaluate

Mapping of CO with PO

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

1-Low

2-Medium

3-Strong

Mapping of CO with PSO

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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

18 Hours

MANAGEMENT: Management – Definition - Functions – Managerial functions at different organizational levels - Management process – Evolution of Management Thought – Frederick Taylor and Scientific Management – Henri Fayol Modern Management Theory – Management Skills.

UNIT II

18 Hours

PLANNING: Nature and Objectives of planning – Importance of planning – Process and Classification of planning – Time Dimension of Planning – Drawbacks of planning – Strategic Management – Types of Strategies – Programs - Merits and Demerits.

UNIT III

18 Hours

ORGANIZATION: Definition – Process of Organization – Importance of Organizations – Organization Chart – Merits and Drawbacks – Principles of organizations - Types of Organization: Formal and Informal Organizations – Line and Staff – Committee – Project – Matrix Organizations.

UNIT IV

18 Hours

STAFFING AND MOTIVATION: Recruitment – Sources – Factors Determining Recruitment – Training and Development – Methods of Training – Maslow's Hierarchy of Needs Theory, Herzberg's Motivation – Hygiene Theory

UNIT V

18 Hours

CONTROLLING AND COMMUNICATION: Definition – Characteristics of Good System of Control – Control Process – SWOC Analysis – Communication – Nature – Importance – Types of Communication – Barriers to Effective Communication.

Text Books

Stephen P. Robbins and Mary Coulter, *Principles of Management*, Prentice Hall of India, 8th edition.

Charles W L Hill, Steven L McShane, *Principles of Management*, McGraw Hill Education, Special Indian Edition, 2007.

Reference Books

M.Govindarajan, S.Natarajan, *Principles of Management*, PHI Learning Private Limited, Delhi.

Kumkum Mukherjee, *Principles of Management*, The McGraw-Hill publishing Company, Chennai.

Harold Koontz, Heinz Weihrich, A.Ramachandra Aryasri, *Principles of Economics*, McGraw-Hill Education (India) Private Limited, Chennai.

Dr. J. Jayasankar, *Principles of Management*, Margham Publications, Chennai.

Pedagogy

Chalk & Talk, E-Resources, Group Discussion

Teaching aids

Black Board, LCD Projector

Course Contents and Lecture Schedule

Module No.	Topic	No. of Lectures	Content Delivery Methods
UNIT - I			
1.1	Management – Definition	2	Discussion
1.2	Functions – Managerial functions at different organizational levels	3	Chalk & Talk
1.3	Management process	2	E-Resources
1.4	Evolution of Management Thought	2	Discussion
1.5	Frederick Taylor and Scientific Management	3	Chalk & Talk
1.6	Henri Fayol Modern Management Theory	3	Chalk & Talk
1.7	Management Skills	3	E-Resources
UNIT - II			
2.1	Nature and Objectives of planning	2	Chalk & Talk
2.2	Importance of planning	2	Discussion
2.3	Process and Classification of planning	4	PPT

2.4	Time Dimension of Planning – Drawbacks of planning	4	Chalk & Talk
2.5	Strategic Management	3	Discussion
2.6	Types of Strategies – Programs - Merits and Demerits	3	PPT
UNIT - III			
3.1	Definition – Process of Organization	2	Discussion
3.2	Importance of Organizations	2	E-Resources
3.3	Organization Chart – Merits and Drawbacks	3	Chalk & Talk
3.4	Principles of organizations	2	E-Resources
3.5	Types of Organization	3	Discussion
3.6	Formal and Informal Organizations	2	Chalk & Talk
3.7	Line and Staff – Committee – Project	2	Chalk & Talk
3.8	Matrix Organizations	2	E-Resources
UNIT - IV			
4.1	Recruitment	2	Discussion
4.2	Sources – Factors Determining Recruitment	3	E-Resources
4.3	Training and Development	4	Discussion
4.4	Methods of Training	3	E-Resources
4.5	Maslow's Hierarchy of Needs Theory	3	Chalk & Talk
4.6	Herzberg's Motivation – Hygiene Theory	3	Chalk & Talk
UNIT - V			
5.1	Characteristics of Good System of Control	4	Discussion
5.2	Control Process	3	Chalk & Talk
5.3	SWOC Analysis	4	E-Resources
5.4	Communication – Nature, Importance, Types	3	E-Resources
5.5	Barriers to Effective Communication	4	Discussion
Total		90	

Course Designer

Dr. Waseema Yaseen

Assistant Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20PECE33	Globalisation In India	Core - IX	90	4

Nature of Course	
Knowledge Oriented	✓
Skill Oriented	
Employability Oriented	
Entrepreneurship Oriented	

Course Relevance	
Local	
Regional	
National	✓
Global	

Preamble

To understand the concepts, issues of globalization and familiarizing the working of international institution in promoting global welfare in relation with the economic reforms in India.

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	Make use of knowledge on the concepts, principles and impact of globalization in India	K1,K2
CO2	Perceive and analyze the functions of WTO and its impact in the Indian economy.	K4
CO3	Analyze and understand the outlook of the globalization issues and challenges.	K1,K2
CO4	Explain the role of globalization and evaluation of globalization and economic reforms in India	K1,K2,K3,K4,K5
CO5	Analyze the infrastructural development under the Ages of globalization in India.	K1,K2,K3

K1-Knowledge K2-Understand K3-Apply K4- Analyse K5- Evaluate

Mapping of CO with PO

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

1-Low

2-Medium

3-Strong

Mapping of CO with PSO

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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

18 Hours

INTRODUCTION: Globalization-Meaning and definition- Features of globalization - Essential indicators of globalization- Advantages and disadvantages of globalization

UNIT II

18 Hours

WORLD TRADE ORGANISATION: WTO-Objectives, functions and basic principles-GATT-Managing of TRIPS and TRIMS-Contribution of WTO to Indian Economy-Recent Changes in WTO

UNIT III

18 Hours

GLOBALISATION ISSUES AND CHANGES: Inequality-Investment related problems- Investment related problems- MNCs, FDI and capital flow- Technology transfer and advancement Technology transfer and advancement

UNIT IV

18 Hours

GLOBALISATION AND ECONOMIC REFORM IN INDIA: Economic reforms- Agriculture and industrial sector reforms- Financial and banking sector reforms in India- Impact of economic reforms in India

UNIT V

18 Hours

GLOBALIZATION AND INFRASTRUCTURE: Globalization and transport- Globalization and Telecommunications- Globalization & science and technology

Text Books

Subbaroa, *International business text and cases*, Himalaya pulish house, 2008, 11th edition.

M.P. Gurusamy, *Indian economic development*, Guru tenmozhi publishers, 2016.

Reference Books

Ruddar Datt, Sundaram, K.P.M, **Indian Economy**, S.Chand Company, New Delhi, 2016.

S.K Misra and V.KPuri, **Indian Economy**, Himalaya publishing house, Mumbai, 2016.

Uma Kabila, **Understanding the problems of Indian economy**, Academic Foundation, 2008, 11th edition.

Pedagogy

Chalk & Talk, E-Resources, Group Discussion

Teaching aids

Black Board, LCD Projector

Course Contents and Lecture Schedule

Module No.	Topic	No. of Lectures	Content Delivery Methods
UNIT - I			
1.1	Globalization: Meaning and definition	6	Discussion
1.2	Features of globalization-Essential condition globalization	6	E-Resources
1.3	Advantages and disadvantages, essential of globalization	6	PPT
UNIT - II			
2.1	WTO-Objectives, functions and basic principles	3	Chalk & Talk
2.2	GATT	4	E-Resources
2.3	TRIPs and TRIMs	4	Discussion
2.4	Contribution of WTO to Indian economy	3	Chalk & Talk
2.5	Recent changes of WTO	4	E-Resources
UNIT - III			
3.1	Inequality	5	Chalk & Talk
3.2	Investment related problems	4	E-Resources
3.3	MNCs , FDI and capital flow	4	Discussion
3.4	Technology transfer and advancement	5	Chalk & Talk
UNIT - IV			
4.1	Economic Reforms	4	Chalk & Talk
4.2	Agriculture and industrial sector reforms	5	Discussion
4.3	Financial and banking sector reforms in India	4	Chalk & Talk

4.4	Impact of economic reforms in India	5	E-Resources
UNIT - V			
5.1	Globalization and Transport	6	Chalk & Talk
5.2	Globalization and Telecommunications	6	E-Resources
5.3	Globalization & science and Technology	6	Discussion
Total		90	

Course Designer

Dr. V. Paramasivan

Assistant Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20PECC41	Indian Economy	Core - XII	90	5

Nature of Course	
Knowledge Oriented	✓
Skill Oriented	
Employability Oriented	
Entrepreneurship Oriented	

Course Relevance	
Local	
Regional	
National	✓
Global	

Preamble

To understand and develop ideas of the basic characteristics of Indian economy.
To know the utilization pattern of the natural resources.

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	Understand the feature and nature of the Indian economy	K1,K2
CO2	Analyze agricultural development, land reform Act, green revolution and smalls, cottage industries	K1,K2,K3,K4
CO3	Analyze and describe the international trade and its performance and understand the management of the trade of the Indian economy	K1,K2,K3,K4,K5
CO4	Explain the from India's fiscal system and its financial relationship between state and central	K1,K2,K3
CO5	Analyze and evaluate the different government policies and these functioning.	K1,K2,K3,K4,K5

K1-Knowledge K2-Understand K3-Apply K4- Analyse K5- Evaluate

Mapping of CO with PO

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

1-Low

2-Medium

3-Strong

Mapping of CO with PSO

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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

18 Hours

ECONOMIC DEVELOPMENT: Approaches to Economic Development and its measurement – Indicators of Development-Basic features of the Indian Economy- Need for Structural Change - Growth and Structural Change in the Indian Economy.

UNIT II

18 Hours

SECTORAL DEVELOPMENT: Trends in Agricultural Productivity – Evaluation of Land Reforms in India – Green Revolution and its impact – Issues of Cottage, Small Scale and Large Scale Industries – Public Enterprises – Industrial Finance – Industrial Policy Since 1991 – Industrial Sickness – Trade Unions.

UNIT III

18 Hours

INDIA'S FOREIGN TRADE: Trade and Economic Growth – Volume, Composition and Direction of India's Foreign Trade – Trends in India's Balance of Payments – Recent Foreign Trade Policy – Management of Foreign Exchange reserve – Multi-National Corporations in India.

UNIT IV

18 Hours

FISCAL SYSTEM IN INDIA: Fiscal Federalism-Centre and state financial relations- Finances of central government- Finances of state governments- Parallel economy- Problems relating to fiscal policy Fiscal sector reforms India-Growth of Public Expenditure in India Expenditure Reforms Commission – India's Tax Structure – Tax Reforms in India – Zero based Budget.

UNIT V

18 Hours

CURRENT ISSUES: New Economic Policy – Structural Adjustment Programmes Globalization – FDI in India's Retail Sector – Special Economic Zones Agrarian Crisis – Poverty inequality and Unemployment – Micro Fiancé -Employment Guarantee Act.

Text Books

S. Sankaran, *Indian Economy- Problems, policies and development*, Margham Publications, Chennai.

Reference Books

Ishwar C. Dhingra, *Indian Economy*, Sultan Chand & Sons, New Delhi.

Misra & Puri, *Indian Economy*, Himalaya Publishing House, Mumbai.

A.N. Agrawal, *Indian Economy*, New Age International Publishers, New Delhi.

Garg, V.K. *Indian Economic Problems*, Sultan Chand & Sons, New Delhi.

Dhingra, *Indian Economy*, Sultan Chand & Sons, New Delhi.

Pedagogy

Chalk & Talk, E-Resources, Group Discussion

Teaching aids

Black Board, LCD Projector

Course Contents and Lecture Schedule

Module No.	Topic	No. of Lectures	Content Delivery Methods
UNIT - I			
1.1	Approaches to Economic Development and its measurement	3	Discussion
1.2	Indicators of Development-Basic features of the Indian Economy	5	Chalk &Talk
1.3	Need for Structural Change	5	E- Resources
1.4	Growth and Structural Change in the Indian Economy	5	Chalk &Talk
UNIT - II			
2.1	Trends in Agricultural Productivity	2	E- Resources
2.2	Evaluation of Land Reforms in India	3	Chalk &Talk
2.3	Green Revolution and its impact	3	Discussion
2.4	Issues of Cottage, Small Scale and Large Scale Industries	3	Chalk &Talk
2.5	Public Enterprises – Industrial Finance	4	Chalk &Talk
2.6	Industrial Policy Since 1991 – Industrial Sickness – Trade Unions.	3	E- Resources

UNIT - III			
3.1	Trade and Economic Growth	5	E- Resources
3.2	Volume, Composition and Direction of India's Foreign Trade	5	Chalk &Talk
3.3	Recent Foreign Trade Policy and foreign exchange Reserves	3	Discussion
3.4	Multi-National Corporations in India	5	Chalk &Talk
UNIT - IV			
4.1	Fiscal Federalism-Centre State financial relations	4	Chalk &Talk
4.2	Finances of central government- Finances of state governments	3	Discussion
4.3	Parallel economy- Problems relating to fiscal policy	4	Chalk &Talk
4.4	Fiscal sector reforms India-Growth of Public Expenditure in India	2	E- Resources
4.5	Expenditure Reforms Commission – India's Tax Structure	3	Chalk &Talk
4.6	Tax Reforms in India – Zero based Budget	2	E- Resources
UNIT - V			
5.1	New Economic Policy – Structural Adjustment Programmes	5	Chalk &Talk
5.2	Globalization – FDI in India's Retail Sector – Special Economic Zones	4	E- Resources
5.3	Agrarian Crisis – Poverty inequality and Unemployment	4	Discussion
5.4	Microfinance -Employment Guarantee Act	5	Chalk &Talk
Total		90	

Course Designer

Dr. V. Paramasivan

Assistant Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20PECC42	Human Resource Development	Core - XIII	90	4

Nature of Course	
Knowledge Oriented	✓
Skill Oriented	
Employability Oriented	
Entrepreneurship Oriented	

Course Relevance	
Local	
Regional	
National	✓
Global	

Preamble

To develop creative awareness and concern for the significance of human resource development. To apply theory and practices appropriate illustration from daily life situation.

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	Define the basic concepts of human resource development	K1,K2
CO2	Outline the importance of education	K1,K2
CO3	Identify the problems and prospects of healthcare system in India	K4
CO4	Explain the importance of nutrition and housing	K1,K2,K3
CO5	Build the principles of management in practice	K1,K2,K3,K4,K5

K1-Knowledge K2-Understand K3-Apply K4- Analyse K5- Evaluate

Mapping of CO with 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

1-Low

2-Medium

3-Strong

Mapping of CO with 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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

20 Hours

CONCEPTS OF HRD: Definition , meaning- Indicators – Need for Human Capital-Role of human capital - Obstacles to development of human personality - Human Development Ranking 2010 -Investment in Human Resources - Human Capital Vs Physical Capital - Components of Human capital.

UNIT II

20 Hours

EDUCATION AND HRD: Meaning – Types of Education- Aims of Education in India- The case for universal free primary Education- The problems of Financing of higher Education in India – The New Education Policy and HRD- Education and Economic development- Education Programs in India

UNIT III

20 Hours

PUBLIC HEALTH AND HRD: Meaning - Pre requisites of Health – Importance of Health - Causes of ill health - Effects of ill health- Health care- Health Programs in India - System of Medical treatment in India- sources of Medical care - Health Education- Development of Public Health Programs in India

UNIT IV

15 Hours

NUTRITION AND HRD: Meaning –Importance of Nutrition- Types of Food- Kinds of Malnutrition – Vitamins of Malnutrition- Causes of Malnutrition – Priorities and Planning- Nutrition and Noon Meals Scheme in Tamil Nadu

UNIT V

15 Hours

HOUSING AND HRD: Introduction- Housing Problems in India- National Housing Policy – Housing Finance Institutions – Housing Schemes in India- Policy Measures –Human Resource Development plan periods

Text Books

Mconnel C.R and S K. Brull, *Contemporary labour economics*, McGraw Hill. New York

T.N. Bharathwall, *Economics of labour and Industrial Relation*, Sathiya Bhavan Agra

B.N. Datar, *Labour Economics*, Altied publisher, New York

Reference Books

Klaramam H.E. *The Economics of Health*, Columbia University Press, New York

Panchamukhi P.R. *Economics of Health LA Trend Report in ICSSR.A Survey of Research in Economics*, Allied Publishers .New York

Blaug. M. *An Introduction of Economics of education*, Cambridge university press Cambridge

Pedagogy

Chalk & Talk, E-Resources, Group Discussion

Teaching aids

Black Board, LCD Projector

Course Contents and Lecture Schedule

Module No.	Topic	No. of Lectures	Content Delivery Methods
UNIT - I			
1.1	Definition , meaning – Indicators – Need for Human Capital-Role of human capital	3	Discussion
1.2	Obstacles to development of human personality	3	E- Resources
1.3	Human Development Ranking 2010	3	Chalk & Talk
1.4	Investment in Human Resources	4	E- Resources
1.5	Human Capital Vs Physical Capital	3	Discussion
1.6	Components of Human capital.	4	Chalk &Talk
UNIT - II			
2.1	Meaning – Types of Education	4	E- Resources
2.2	Aims of Education in India	2	Chalk &Talk
2.3	The case for universal free primary Education	5	Chalk &Talk
2.4	The problems of Financing of higher Education in India	3	E- Resources

2.5	The New Education Policy and HRD-	2	Chalk &Talk
2.6	Education and Economic development	2	E- Resources
2.7	Education Programs in India	2	Chalk &Talk
UNIT - III			
3.1	Meaning - Pre requisites of Health	3	Discussion
3.2	Importance of Health- Causes of ill health	2	Chalk &Talk
3.3	Effects of ill health	3	Chalk &Talk
3.4	Health care- Health Programs in India	2	E- Resources
3.5	System of Medical treatment in India	4	Chalk &Talk
3.6	Sources of Medical care- Health Education	3	E- Resources
3.7	Development of Public Health Programs in India	3	Chalk & Talk
UNIT - IV			
4.1	Meaning - Importance of Nutrition	2	Discussion
4.2	Types of Food - Kinds of Malnutrition	3	Chalk & Talk
4.3	Vitamins of Malnutrition	3	E- Resources
4.4	Causes of Malnutrition – Priorities and Planning	3	Chalk & Talk
4.5	Nutrition and Noon Meals Scheme in Tamil Nadu	4	Discussion
UNIT - V			
5.1	Introduction- Housing Problems in India	3	E- Resources
5.2	National Housing Policy	3	Chalk & talk
5.3	Housing Finance institutions	3	Chalk & talk
5.4	Housing Schemes in India - Policy Measures	3	E- Resources
5.5	Human Resource Development plan periods	3	Discussion
Total		90	

Course Designer

Ms. P. Ponmani

Assistant Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20PECC43	Foreign Exchange	Core - XIV	90	4

Nature of Course	
Knowledge Oriented	✓
Skill Oriented	
Employability Oriented	
Entrepreneurship Oriented	

Course Relevance	
Local	
Regional	
National	
Global	✓

Preamble

To acquaint the students with the fundamentals of managing business and to understand individuals and group behavior at workplace. To familiarize the students with the concepts and practice of planning, organizing staffing and managing the developments in the modern organizational setting.

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	Acquire knowledge about Foreign exchange theories which governs at the global level.	K1,K2
CO2	Analyze foreign exchange control and policies of international economics.	K1,K2,K3, K4
CO3	Understand various financial terminologies and transactions involved in the foreign exchange market.	K1,K2
CO4	Evaluate the empirical aspects of foreign exchange Market.	K1,K2,K3,K4,K5
CO5	Apply the components and structure of balance of payments to correct balance of payments disequilibrium.	K1,K2,K3, K4

K1-Knowledge K2-Understand K3-Apply K4- Analyse K5- Evaluate

Mapping of CO with PO

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

1-Low

2-Medium

3-Strong

Mapping of CO with PSO

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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

18 Hours

THEORY OF FOREIGN EXCHANGE: Determination of Exchange Rates- Mint Parity Theory – Purchasing Power Parity Theory -Causes for changes in Exchange Rates - Adjustable peg system - Crawling peg system - Clean – Dirty - Filthy and Joint float system. Fluctuations in Exchange Rates - Causes and Consequences - Factors influencing Rates - Market rate vs Equilibrium Rate.

UNIT II

18 Hours

EXCHANGE CONTROL AND POLICIES: Exchange Control - Objectives and Methods of Exchange Control. Free trade - Case for and against Free Trade, Protection - Case for and against protection, Devaluation - Effects of Devaluation, Theory of Optimum Currency Area - Merits and Demerits Optimum Currency Area.

UNIT III

18 Hours

FOREIGN EXCHANGE RATES: Introduction - Monetary Approach of BOP and Fixed Exchange Rates - BOP and Flexible Exchange Rates – Relative Merits and Demerits of Fixed and Flexible Exchange Rates in the contexts of LDCs - Multiple Exchange Rates Systems - Ready Rates based on Cross Rates - Inter Bank Rates - Swaps and Arbitrage.

UNIT IV

18 Hours

FOREIGN EXCHANGE MARKET: Introduction - Structure of Foreign Exchange Market - The Bretton Woods System - Euro Currency - Euro Dollar Market - Hedging – Arbitrage - Time Arbitrage – Internal Arbitrage - Speculation in Foreign Exchange Market.

UNIT V

18 Hours

INTERNATIONAL PAYMENTS: Meaning of BOT and BOP - Disequilibrium in BOP - Measures to Correct Deficit in BOP -Methods of Payments - Theories of Mundell, Mikinnon, Kenen and Magnifice.

Text Books

Salvator, Dominic, *International Economics*, Wiley & Sons Publishers, Singapore.
Sodersten, Bo and Geoffery Reed, *International Economics*, Macmillan Publishers, Hong Kong.
Rana K. C. Verma K.N, *International Economics*, Shobanlal Nagin Chand and co, Educational publishers, 1997, 2nd edition.
M.P.Gurusamy, *International Economics*, Guru Thenmozhi, Dindigul, 2005, 6th edition.

Reference Books

Morris S. Rosethal, *Technique of International Trade*, Mc Graw Hill Ltd, Delhi.
Leland B. Yeaser, *International Monetary Relations Theory History and Policy*, Allied Publishers Pvt Ltd.
K.K Aandley, *Foreign Exchange Principles and Practice*, Sultan and Sons.
Paul Einting, *A Text Book of Foreign Exchange*, Macmillan, London.

Pedagogy

Chalk & Talk, E-Resources, Group Discussion

Teaching aids

Black Board, LCD Projector

Course Contents and Lecture Schedule

Module No.	Topic	No. of Lectures	Content Delivery Methods
UNIT - I			
1.1	Determination of Exchange Rates	2	Discussion
1.2	Mint Parity Theory	3	Chalk & Talk
1.3	Purchasing Power Parity Theory	3	E- Resources
1.4	Causes for changes in Exchange Rates	2	Chalk & Talk
1.5	Adjustable peg system - Crawling peg system	2	Chalk & Talk
1.6	Clean -Dirty - Filthy and Joint float system	2	E- Resources
1.7	Fluctuations in Exchange Rates - Causes and Consequences	2	Chalk & Talk
1.8	Factors influencing Rates - Market rate vs Equilibrium Rate	2	E- Resources
UNIT - II			
2.1	Exchange Control – Objectives	2	Chalk & Talk

2.2	Methods of Exchange Control	2	Chalk & Talk
2.3	Free trade - Case for and against Free Trade	3	E- Resources
2.4	Protection - Case for and against protection	2	Chalk & Talk
2.5	Devaluation - Effects of Devaluation	3	E- Resources
2.6	Theory of Optimum Currency Area	3	Chalk & Talk
2.7	Merits and Demerits Optimum Currency Area	3	Discussion
UNIT - III			
3.1	Introduction - Monetary Approach BOP	2	Discussion
3.2	Fixed Exchange Rates - BOP and Flexible Exchange Rates – Relative Merits and Demerits of Fixed	4	Chalk & Talk
3.3	Flexible Exchange Rates in the contexts of LDCs	4	Chalk & Talk
3.4	Multiple Exchange Rates Systems	3	E- Resources
3.5	Ready Rates based on Cross Rates	3	Chalk & Talk
3.6	Inter Bank Rates - Swaps and Arbitrage	2	E- Resources
UNIT - IV			
4.1	Introduction - Structure of Foreign Exchange Market - The Bretton Woods System	5	Discussion
4.2	Euro Currency - Euro Dollar Market	7	Chalk & Talk
4.3	Hedging – Arbitrage	2	E- Resources
4.4	Time Arbitrage – Internal Arbitrage - Speculation in Foreign Exchange Market.	4	Chalk & Talk
UNIT - V			
5.1	Meaning of BOT and BOP	5	Chalk & Talk
5.2	Disequilibrium in BOP	5	Chalk & Talk
5.3	Measures to Correct Deficit in BOP - Methods of Payments	5	E- Resources
5.4	Theories of Mundell, Mikinnon, Kenen and Magnifice.	3	Discussion
Total		90	

Course Designer

Dr. Waseema Yaseen

Assistant Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20PECP41	Project	Core - XV	90	5

Nature of Course	
Knowledge Oriented	✓
Skill Oriented	
Employability Oriented	
Entrepreneurship Oriented	

Course Relevance	
Local	
Regional	
National	✓
Global	

Preamble

Project Works helps to bring knowledge about Research and how to use statistical tools for their research work

Project title will be allotted by the Research guides (the teachers in the department) in areas related to the courses taught in the previous semester; they may also allot topics related to the other topics apart from the prescribed texts.

INTERNAL EVALUATION	INTERNAL MARKS	25 MARKS
EXTERNAL EVALUATION	VIVA-VOICE	75 MARKS
	TOTAL	100 MARKS

Course Code	Course Title	Category	Total Hours	Credits
20PECE41	Economics For SET and NET	Elective - II	90	4

Nature of Course	
Knowledge Oriented	✓
Skill Oriented	
Employability Oriented	
Entrepreneurship Oriented	

Course Relevance	
Local	
Regional	
National	✓
Global	

Preamble

The course on Economics for SET and NET aims understanding the principles of micro, macro and developmental economics and its theories. It concentrates on Indian Economy and its structure, Public finance money and banking, Planning tax, public debt, expenditure, and revenue

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	Acquire the Knowledge about Micro Economics	K1,K2,K3,K4
CO2	Bring insight into the Knowledge of Macro Economics	K1,K2
CO3	Analyze the theories of Developmental Economics	K1,K2,K3,K5
CO4	Learn the concepts of Indian economy, including its classifications and theories.	K1,K2,K3,K4
CO5	Understand the concepts and topics of public finance	K1,K2,K3

K1-Knowledge K2-Understand K3-Apply K4- Analyse K5- Evaluate

Mapping of CO with PO

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

1-Low

2-Medium

3-Strong

Mapping of CO with PSO

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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

18 Hours

MICRO ECONOMICS:

Introduction: Definition of Economics, Methods and Nature of Economics, Micro Economics, Economy - Its Vital Processes and Basic Problems, Concept of Equilibrium, Economic Static and Dynamics

Theory of Consumer Behavior: Law of Demand, Cardinal Utility Theory Consumer's Surplus, Elasticity of Demand, Revealed Preference Theory, N-M Utility Theory, Hicks Logical Ordering Theory of Demand

Theory of Production: Sale of Production, Theory of Production Function, Iso- Quant's, Linear Programming, Input - Output Analysis

Theory of Product Pricing: Cost and Cost Curves Revenue and Revenue Curve, Law of Supply, Objectives of Business Firms, Market and Market Structure, Equilibrium of the Firm and Industry - General, Equilibrium of the Firm and Industry - Under Perfect Competition, Pricing under Perfect Competition, Monopoly, Price Discrimination, Monophony and Bilateral Monopoly, Monopolistic Competition, Contestable Market, Duopoly, Oligopoly, Game Theory, Alternative Theories of Firm

Theory of Factor Pricing: Distribution, Rent, Wages, Interest, Profit, Classical Theory of Value

Welfare Economics: Neo - Classical Welfare Economics, Partial Welfare Economics, Compensation Criteria Social Welfare Function, Arrows Theory of Social Choice, Market Failure and Externalities - The Economics of Information.

UNIT II

18 Hours

MACRO ECONOMICS:

Introduction: Macro Economics, Basic Concepts in Macro Economics

Circular Flow and National Income: The Classical Theory of Employment, Say's Law of Market, The Keynesian Theory of Income and Employment, The Multiplier, Balanced Budget Multiplier and Foreign Trade Multiplier, The Acceleration Principle, Super Multiplier, Consumption Function,

Theories of Consumption Function, Savings and Investment, Rate of Interest, Keynes Theory of Money and prices, Evaluation of Keynesian Theory of Employment

Monetary Economic Theory: The Classical Theory of Employment, Say's Law of Market, The Keynesian Theory of Income and Employment, The Multiplier, Balanced Budget Multiplier and Foreign Trade Multiplier, The Acceleration Principle, Super Multiplier, Consumption Function, Theories of Consumption Function, Savings and Investment, Rate of Interest, Keynes Theory of Money and Prices, Evaluation of Keynesian Theory of Employment

Monetary Theory: IS - LM Production Function: General Equilibrium, Inflation and Theories of Inflation The Phillips Curve, Demand for Money and Supply of Money

Theories of Business Cycle: Business Cycles, Some Alternative Theories of Business Cycle

Macro Economics Policy and Theories of Distribution: Objectives of Macro Economic Policy, Monetary Policy, Fiscal Policy, Income Policy, Rational Expectation, Monetarism Vs Keynesianism, Supply Side Economics, New Classical Macro Economics, Macro Theories of Distribution

UNIT III

18 Hours

DEVELOPMENTAL ECONOMICS:

Meaning of Planning and Development: Economic Development - Characteristics of Underdeveloped Country - Obstacles to Economic Development - Factors of Economic Growth

Theories of Economic Development: Adam Smith - Ricardo - Malthus - Mill - Marx - Keynes - Rostow - Lewis - Leibenstein - Nelson - Big Push Theory - Balanced Growth - Unbalanced Growth - Dualistic Theories - Myrdal's theory of Backwash Effects

Growth Models: Harrod - Domar - Kaldor - Joan Robinson - Meade - Solow - Friedman - Mahalanobis

Domestic Measures for Economic Development: Capital Formation - Role of Agriculture - Monetary Policy - Fiscal Policy - Deficit Financing - Population Growth - Human Capital - Human Development Index - Role of Entrepreneur - Role of State - Economic Reforms

International Measures for Economic Development: Foreign Trade - Commercial Policy - Foreign Capital - MNCs - Globalization

Problems of Development and Planning: Economic Planning - Five Year Plans- Project Evaluation - Controls - Input - Output Analysis - Linear Programming - Capital - Output Ratio - Choice of Techniques.

Issues in Planning and Development: Agriculture - Industry - Services - Poverty Inequality - Unemployment - Privatization Public Sector

UNIT IV

18 Hours

INDIAN ECONOMY:

Structure of Indian Economy: Nature of Indian Economy, Infrastructure, The population Problem, Human Resource Development, labour Force Growth, Participation and Occupation Pattern Trends and Structure of Employment, Capital Formation in India, National Income of India, Poverty and Income Distribution in India

Basic Issues in Agriculture: Indian Agriculture, Role Nature and Cropping pattern, Issues in India Agricultural Policy and Rural Development, Agricultural Production and Productivity trends, Land Reforms, Agriculture Inputs and Green Revolution, Agricultural Finance and Marketing, Agricultural Subsidies and Food Security in India, Agricultural Labour

Industrial Development and Related Issues: Industrial Development During Planning Period, Major Industries of India, Small Scale and Cottage Industries, Industrial Policy, Public and Private Sector in India, Industrial Sickness in India, Labour Relation, Social Security and Exit Policy

Foreign Trade and Foreign Capital: India's Foreign Trade and Balance of Payments Foreign Capital and Forex Reserves, Multinational Corporations, Globalization, WTO and India

UNIT V

18 Hours

MONEY BANKING AND PUBLIC FINANCE:

Money and Banking: Price Trends and Inflation, Indian Money Market and Capital Market, Commercial Banking in India, The Reserve Bank of India, Institutional Finance

Public Finance: The Indian Tax Structure, Public Expenditure in India, Public Debt in India, India's Fiscal Policy, Federal Finance in India

Economic Planning and Policy: Economic Planning and Strategy, Regional Planning in India, Economic Reforms and liberalization, Other Issues Related with Indian Economy

Text Books

M. John Kennedy, *Objectives in Economics*, Himalaya Publishing House, Mumbai.

Reference Books

John Kennedy M, *Advanced Micro Economic Theory*, Himalaya Publishing House, Mumbai

Jhingan M.L, *Economics of Development and Planning*, Konark Publication, New Delhi

Tyagi B.P, **Public Finance**, Jai Prakash Nath & Co, Meerut.

Jhingan M.L, **Money, Banking and International Trade**, Virinda Pub, New Delhi

Misra & Puri, **Indian Economy**, Himalaya Publishing House, Mumbai

Gupta S.P. **Indian Economy**, Sultan Chand & Sons, New Delhi

Pedagogy

Chalk & Talk, E-Resources, Group Discussion

Teaching aids

Black Board, LCD Projector

Course Contents and Lecture Schedule

Module No.	Topic	No. of Lectures	Content Delivery Methods
UNIT - I			
1.1	Introduction	3	Discussion
1.2	Theory of Consumer Behavior	3	Chalk & Talk
1.3	Theory of Production	3	Chalk & Talk
1.4	Theory of Product Pricing	3	E- Resources
1.5	Theory of Factor Pricing	3	E- Resources
1.6	Welfare Economics	3	E- Resources
UNIT - II			
2.1	Introduction	3	Discussion
2.2	Circular Flow and National Income	3	Chalk & Talk
2.3	Monetary Economic Theory	3	E- Resources
2.4	Monetary Theory	3	Chalk & Talk
2.5	Theories of Business Cycle	3	E- Resources
2.6	Macro Economics Policy and Theories of Distribution	3	Chalk & Talk
UNIT - III			
3.1	Meaning of Planning and Development	2	Discussion
3.2	Theories of Economic Development	3	E- Resources
3.3	Growth Models	3	Chalk & Talk
3.4	Domestic Measures for Economic Development	3	E- Resources
3.5	International Measures for Economic Development	3	Chalk & Talk
3.6	Problems of Development and Planning	2	Chalk & Talk
3.7	Issues in Planning and Development	2	E- Resources

UNIT - IV			
4.1	Structure of Indian Economy	4	E- Resources
4.2	Basic Issues in Agriculture	5	Chalk & Talk
4.3	Industrial Development and Related Issues	4	Discussion
4.4	Foreign Trade and Foreign Capital	5	Chalk & Talk
UNIT - V			
5.1	Money and Banking	6	Chalk & Talk
5.2	Public Finance	6	E- Resources
5.3	Economic Planning and Policy	6	PPT
Total		90	

Course Designer

Ms. S. Sagetha Parvin

Assistant Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20PECE42	Economics of Infrastructure	Elective - II	90	4

Nature of Course	
Knowledge Oriented	✓
Skill Oriented	
Employability Oriented	
Entrepreneurship Oriented	

Course Relevance	
Local	
Regional	
National	✓
Global	

Preamble

To develop creative awareness and concern for the significance of Economics of Infrastructure. To understand the rural and urban problems of the development

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	Define the basic concepts of economics of infrastructure	K1,K2
CO2	Organize the idea of motivation about the regulatory frame work	K1,K2
CO3	Understand the basic economic theory	K1,K2,K3,K4
CO4	Provide infrastructure and planning resource management	K1,K2,K3
CO5	Understand structure of costs and location of economic activity of infrastructure	K1,K2,K3,K4,K5

K1-Knowledge K2-Understand K3-Apply K4- Analyse K5- Evaluate

Mapping of CO with PO

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

1-Low

2-Medium

3-Strong

Mapping of CO with PSO

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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

20 Hours

PRICING OF PUBLIC UTILITIES: Introduction-special characteristics of public utilities-The case for nationalization –The peak load, off load problems, Dual pricing controversy –Marginal cost pricing Vs other methods of pricing in public utilities-Cross subsidization –Free prices, Equality and Efficiency

UNIT II

20 Hours

TRANSPORT ECONOMICS: The structure of costs and location of economic activity-The Rationale of Government intervention in the transport sector-Demand for transport-Models of Freight and passenger demand-Model choice –Cost function in the transport sector-Valuation of time savings-special problems individual model of transport and intermodal coordination in the Indian context.

UNIT III

20 Hours

COMMUNICATION: Communication-Rate making in telephone utilities-Decreasing cost-Principles in the telephone industry-Characteristics of postal services –Criteria for fixation of postal rates-Measuring service standards in the telephone postal utilities

UNIT IV

15 Hours

ENERGY ECONOMICS: Energy in the process of economic development – Factors determining demand for energy –effects of energy shortage conservation –Renewable and non renewable sources of energy –Bulk supply and pricing of electricity –The relative economics of Thermal ,Hydel, Nuclear power plants-The case for a National power Grid-Financing water utilizes-Urban and rural water supply-The Exploitation of Natural gas-Pricing problem

UNIT V

15 Hours

EDUCATION AND HEALTH: Education and economic growth-Approaches to educational planning-Social demand—Rate of return Manpower balance approaches—The case Universal Free Primary Education –Structure of

Higher Education and problems of its financing in India-The issues in education policy –Health dimensions of development –Determinants of health-poverty, Malnutrition, Illiteracy and lack of information –Economic Dimensions of health care-Demand and supply of health financing of health care and resource constraints

Text Books

Crew M.A. and P.R. Kleindorfer, *Public economics*, Macmillan Publishers.

Nelson J.R, *Marginal Cost pricing in practice*, Hall Publications.

Murty D. *Transport selected Readings*, Penguin Publications.

Desai A.V. *Energy economics*, New age International(p)Ltd

Reference Books

Murty D. *Transport selected Readings*, Penguin Publications.

Desai A.V. *Energy economics* New age International(p)Ltd.

Pedagogy

Chalk & Talk, E-Resources, Group Discussion

Teaching aids

Black Board, LCD Projector

Course Contents and Lecture Schedule

Module No.	Topic	No. of Lectures	Content Delivery Methods
UNIT - I			
1.1	Introduction-special characteristics of public utilities	3	Discussion
1.2	The case for nationalization	2	E- Resources
1.3	The peak load, Off load problems, Dual pricing controversy	4	Chalk & Talk
1.4	Marginal cost pricing Vs other methods of pricing in public utilities	4	Discussion
1.5	Cross subsidization	3	Chalk&Talk
1.6	Free prices, Equality and Efficiency	4	E- Resources
UNIT - II			
2.1	The structure of costs and location of economic activity	3	E- Resources
2.2	The Rationale of Government intervention in the transport sector	2	Chalk & Talk

2.3	Demand for transport-Models of Freight and passenger demand	5	Discussion
2.4	Cost function in the transport sector	3	Chalk & Talk
2.5	Valuation of time savings	2	Discussion
2.6	Special problems individual model of transport and intermodal coordination in the Indian context.	3	E- Resources
2.7	Model choice	2	Chalk & Talk
UNIT - III			
3.1	Communication	3	Discussion
3.2	Rate making in telephone utilities	3	Chalk & Talk
3.3	Decreasing cost	3	Discussion
3.4	Principles in the telephone industry	2	E- Resources
3.5	Characteristics of postal services	4	Chalk & Talk
3.6	Criteria for fixation of postal rates	3	E- Resources
3.7	Measuring service standards in the telephone postal utilities	2	Chalk & Talk
UNIT - IV			
4.1	Energy in the process of economic development	1	Discussion
4.2	Factors determining demand for energy	2	E- Resources
4.3	Effects of energy shortage conservation	2	Chalk &Talk
4.4	Renewable and non renewable sources of energy –Bulk supply and pricing of electricity	3	E- Resources
4.5	The relative economics of Thermal ,Hydel, Nuclear power plants-The case for a National power Grid	2	Discussion
4.6	Financing water utilizes-Urban and rural water supply	3	Chalk & Talk
4.7	The Exploitation of Natural gas-Pricing problem.	2	Discussion
UNIT - V			
5.1	Rate of return Manpower balance approaches	2	Chalk & Talk
5.2	The case Universal Free Primary Education	2	Chalk & talk
5.3	Structure of Higher Education and problems of its financing in India	3	E- Resources

5.4	Social demand-The issues in education policy	2	Chalk & talk
5.5	Health dimensions of development Determinants of health	2	Discussion
5.6	poverty, Malnutrition ,Illiteracy and lack of information	2	Chalk & talk
5.7	Education and economic growth- Approaches to educational planning of health financing of health care and resource constraints	2	E- Resources
Total		90	

Course Designer

Ms. P. Ponmani

Assistant Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20PECE43	Economics of Rural Development	Elective - II	90	4

Nature of Course	
Knowledge Oriented	✓
Skill Oriented	
Employability Oriented	
Entrepreneurship Oriented	

Course Relevance	
Local	
Regional	
National	✓
Global	

Preamble

To focus on to the students understanding the methods and 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.

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	Make use of knowledge about the indicators of rural development. and to solve the problems related to rural development in the country	K1,K2
CO2	Perceive and analyze the students measures to rectify the rural poverty and in equality, and better usage of available resources in the nations.	K1,K2,K3,K4
CO3	Analyze and understand the different Institutional support to improve the rural economic development.	K1,K2
CO4	To explain the role and evaluation of administrative support to the rural economic growth.	K1,K2,K3,K4,K5
CO5	To analyze and the policies essential to promoting better socio and economic conditions.	K1,K2,K3

K1-Knowledge

K2-Understand

K3-Apply

K4- Analyse

K5- Evaluate

Mapping of CO with PO

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

1-Low

2-Medium

3-Strong

Mapping of CO with PSO

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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

18 Hours

INTRODUCTION: Concepts- Pattern of Development - Pattern of Planning – Indicators of rural development – Features of the process of development in different sectors

UNIT II

18 Hours

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

UNIT III

18 Hours

INSTITUTIONAL AND ORGANISATIONAL CHANGES: Panchayat Raj and Co-operatives – NGO's and People participation – Self Help Groups – Social and Welfare Organization

UNIT IV

18 Hours

ADMINISTRATION AND TRAINING PROCESS: Development of Administrative set up – DRDA - SIRD – BDO – Development of adequate Community leadership –Rural Development Programmes Implementation, Monitoring and Evaluation

UNIT V

18 Hours

PLANNING AND POLICY: Rural Health Care Policy – Technology Development Policy – Conservation, Promotion of environment and Integrated development

Text Books

Johnson A., Thomas.G, *Environmental and Agricultural economics*, S.Chand and Co., New Delhi.

Sethuraman K., *Agricultural Marketing*, Himalaya Publishing House.

Reference Books

Misra R.P and K.V Sundaram, *Rural Area Development: Perspective and Approaches*, S.Chand and Co., New Delhi, 1999.

Mathur Y.B., *Rural Development in India: 1885-1995*, Sage Publications, New Delhi, 1998.

Katar Singh, *Rural Development Principles*, Policies and Management Sage Publications, New Delhi, 2000.

Pedagogy

Chalk & Talk, E-Resources, Group Discussion

Teaching aids

Black Board, LCD Projector

Course Contents and Lecture Schedule

Module No.	Topic	No. of Lectures	Content Delivery Methods
UNIT - I			
1.1	Concepts, Pattern of Development - Pattern of Planning	6	Discussion
1.2	Indicators of rural development	6	Chalk & talk
1.3	Features of the process of development in different sectors	6	E- Resources
UNIT - II			
2.1	Poverty, inequality, unemployment and Regional Disparities	4	Chalk & talk
2.2	Land Reform measures	4	Chalk & talk
2.3	Size of land holding, better utilization of inputs	4	E- Resources
2.4	Rural Industrialization	3	Discussion

2.5	Small scale and Cottage industries – Economic reforms	3	E- Resources
UNIT - III			
3.1	Panchayat Raj and Co-operatives	5	Chalk & talk
3.2	NGO's and People participation	4	Discussion
3.3	Self Help Groups	4	Chalk & talk
3.4	Social and Welfare Organization	5	E- Resources
UNIT - IV			
4.1	Development of Administrative set up	4	E- Resources
4.2	DRDA - SIRD – BDO	5	Chalk & talk
4.3	Development of adequate Community leadership	4	Discussion
4.4	Rural Development Programmes Implementation, Monitoring and Evaluation	5	Chalk & talk
UNIT - V			
5.1	Rural Health Care Policy	6	E- Resources
5.2	Technology Development Policy	6	Chalk & talk
5.3	Conservation, Promotion of environment and Integrated development	6	Discussion
Total		90	

Course Designer

Dr. V. Paramasivan

Assistant Professor of Economics