



HAJEE KARUTHA ROWTHER HOWDIA COLLEGE

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

Uthamapalayam, Theni District. Pin Code: 625 533.

DEPARTMENT OF ECONOMICS

BACHELOR OF ARTS – ECONOMICS

SYLLABUS

Choice Based Credit System – CBCS

(As per TANSCHÉ/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.)

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Name of the Programme: B.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 HajeeKaruthaRowther.

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 three years) of B.A. Economics programme, the students are able to

P01	Develop the ability to explain the key economic terms, concepts and theories.
P02	Apply methods in the analysis of economic data and models through statistical and econometric tools.
P03	Analyse the regional, national and global issues from economic perspective.
P04	To know how to make a rational choice using economic principles.
P05	To help the students to prepare for competitive examinations

Program Specific Outcomes(PSO)

A graduate of B.A. Economics after three years will

PS01	Utilising 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

For Programme Completion

A Candidate shall complete:

- Part I - Language papers – Tamil/Arabic/Malayalam in semesters I, II, III and IV respectively
- Part II - Language papers - English in semesters I, II, III, IV respectively
- Part III - Core papers in semesters I, II, III, IV, V and VI respectively
- Part III - Allied papers in semesters I, II, III, and IV respectively
- Part III - Elective papers in semesters V and VI respectively
- Part IV - Non- Major Elective papers in semesters I and II respectively
- Part IV - Skill based Subject papers in semesters III, IV, V and VI respectively
- Part IV - Value Education paper in semester I
- Part IV - Environmental Studies paper in semester II
- Part V - Extension activity in semester IV

Scheme of Examinations under Choice Based Credit System

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

Pattern of Continuous Internal Assessment Examinations (CIAE)

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

Pattern of Term End Examinations

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

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

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

External Examinations Question Paper Pattern for Part IV (Environmental Studies and Value Education)

Section – A: (5 X 6 = 30 Marks)

Answer ALL questions choosing either A or B.

- Questions 1 - 5
- Two questions from each unit (either.... or.... type)
- Descriptive Type

Section – B (3 X 15 = 45 Marks)

Answer any THREE out of five questions.

- Questions 6 - 10
- One question from each unit
- Descriptive Type

Part V (Extension Activities)

- Internal Evaluation

Passing Marks

Minimum 27 for External Exam

Eligibility for the degree – passing minimum is **40%**

Practical Examination

Internal – 40 marks

External – 60 marks

Total – 100 marks

Passing minimum is **40%**

Weightage

Weightage for Bloom's Taxonomy	Percentage	Marks	
		CIAE	TEE
Knowledge (Remembering) – K1	40	10	30
Understanding – K2	40	10	30
Applying – K3	20	5	15
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)	2 (2)	1 (a or b) (3)	1 (5)	25 marks
Understanding(K2)	2 (2)	1 (a or b) (3)	1 (5)	
Apply(K3)	Assignment (5)			

Distribution of questions and marks for Term End Examinations

Bloom's Taxonomy	Section A	Section B	Section C	Total
Knowledge(K1)	2 (2)	4 (a or b) (28)	-----	Total 75 Marks
Understanding(K2)	3 (3)	1 (a or b) (7)	2 out of 3 (20)	
Apply(K3)	5 (5)	-----	1 out of 2 (10)	

Note: Figures in parenthesis are Marks

Credits Distribution

Part	Course Category	Courses	Credits	Total Marks
I	Tamil/ Arabic/ Malayalam	4	12	400
II	English	4	12	400
III	Core, Elective & Allied	25	98	2500
IV	Non- Major Elective	2	4	200
	Skill based Subject	4	8	400
	Value Education	1	2	100
	Environmental Studies	1	2	100
V	Extension Activities	1	2	100
		42	140	4200

Details of Course Category, Code, Credits & Title

Course Category	Course Code	Course Title	Hrs	CIAE	TEE	Max. Marks	Credits
Semester - I							
Part - I							
Language - I	20UTAL11/ 20UARL11/ 20UMLL11	Tamil / Arabic / Malayalam	6	25	75	100	3
Part - II							
English - I	20UENL11	English for Enrichment - I	6	25	75	100	3
Part - III (OBE)							
Core – I	20UECC11	Micro Economic Theory - I	4	25	75	100	4
Core – II	20UECC12	Economic Statistics - I	4	25	75	100	4
Allied – I	20UHIA12	History of India – I	6	25	75	100	4
Part - IV							
NME – I	20UECN11	An Introduction to Economics	2	25	75	100	2
VED	20UVED11	Value Education	2	25	75	100	2
Total			30			700	22
Semester - II							
Part - I							
Language - II	20UTAL21/ 20UARL21/ 20UMLL21	Tamil / Arabic / Malayalam	6	25	75	100	3
Part - II							
English - II	20UENL21	English for Enrichment - II	6	25	75	100	3
Part - III (OBE)							
Core - III	20UECC21	Micro Economic Theory-II	4	25	75	100	4
Core – IV	20UECC22	Economic Statistics -II	4	25	75	100	4
Allied – II	20UHIA22	History of India -II	6	40	60	100	4
Part - IV							
NME – II	20UECN21	Population Studies	2	25	75	100	2
EVS	20UEVS21	Environmental Studies	2	25	75	100	2
Total			30			700	22

Course Category	Course Code	Course Title	Hrs	CIAE	TEE	Max. Marks	Credits
Semester - III							
Part - I							
Language- III	20UTAL31/ 20UARL31/ 20UMLL31	Tamil / Arabic / Malayalam	6	25	75	100	3
Part - II							
English - III	20UENL31	English for Enlightenment - I	6	25	75	100	3
Part - III (OBE)							
Core - V	20UECC31	Macro Economics - I	5	25	75	100	4
Core – VI	20UECC32	Mathematical Economics - I	6	25	75	100	4
Allied – III	20UECA31	Monetary Economics	5	25	75	100	4
Part - IV							
SBS – I	20UECS31	Entrepreneurship Development	2	25	75	100	2
Total			30			700	20
Semester - IV							
Part - I							
Language - IV	20UTAL41/ 20UARL41/ 20UMLL41	Tamil / Arabic / Malayalam	6	25	75	100	3
Part - II							
English - IV	20UENL41	English for Enlightenment - II	6	25	75	100	3
Part - III (OBE)							
Core – VII	20UECC41	Macro Economics - II	5	25	75	100	4
Core – VIII	20UECC42	Mathematical Economics -II	5	25	75	100	4
Core - IX	20UECC43	Industrial Economics	3	25	75	100	4
Allied – IV	20UECA41	Banking Technology	3	25	75	100	3
Part - IV							
SBS – II	20UECS41	Economics of Tourism	2	25	75	100	2
Part - V							
EA		Extension Activities**	--	100	--	100	2
Total			30			800	25

Part – V
Extension Activities**

S.No.	Course Code	Course Title	Max. Marks	Credits
1.	20UNCC41	National Cadet Corps (Army)	100	2
2.	20UNCC42	National Cadet Corps (Navy)	100	2
3.	20UNSS41	National Service Scheme	100	2
4.	20UPED41	Physical Education	100	2
5.	20UYRC41	Youth Red Cross	100	2
6.	20URRC41	Red Ribbon Club	100	2
7.	20UHRC41	Human Rights Club	100	2
8.	20UCOC41	Consumer Club	100	2
9.	20UYOC41	Yoga Club	100	2
10.	20UHFC41	Health and Fitness Club	100	2
11.	20UECC41	Eco Club	100	2
12.	20ULIC41	Library & Information Science Club	100	2
13.	20USCC41	Science Communication Club	100	2
14.	20UFAC41	Fine Arts Club	100	2

Course Category	Course Code	Course Title	Hrs	CIAE	TEE	Max. Marks	Credits
Semester – V							
Part – III (OBE)							
Core – X	20UECC51	International Economics	5	25	75	100	4
Core - XI	20UECC52	History of Economic Thought	5	25	75	100	4
Core - XII	20UECC53	Indian Economy	5	25	75	100	4
Core – XIII	20UECC54	Fiscal Economics	4	25	75	100	4
Core - XIV	20UECC55	Principles of Marketing	5	25	75	100	4
Elective - I	20UECE51	Foreign Exchange	4	25	75	100	3
	20UECE52	Gender Economics					
	20UECE53	Tamilnadu Economy					
Part - IV							
SBS – III	20UECS51	Fundamentals of Computer - I	2	25	75	100	2
Total			30			700	25
Semester – VI							
Part – III (OBE)							
Core – XV	20UECC61	Developmental Economics	5	25	75	100	4
Core – XVI	20UECC62	Agricultural Economics	5	25	75	100	4
Core – XVII	20UECC63	Environmental Economics	5	25	75	100	4
Core – XVIII	20UECC64	Labour Economics	4	25	75	100	4
Core – XIX	20UECC65	Managerial Economics	5	25	75	100	5
Elective - II	20UECE61	Economics for Competitive Examinations (MCQ only)	4	25	75	100	3
	20UECE62	Developing Issues of Indian Economy					
	20UECE63	Research Methods in Economics					
Part - IV							
SBS - IV	20UECS61	Fundamentals of Computer - II	2	25	75	100	2
Total			30			700	26
Grand Total			180			4200	140

Course Code	Course Title	Category	Total Hours	Credits
20UECC11	Micro Economic Theory-I	Core-I	60	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 and comprehend the basic concepts of economics and economic theories.

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	Acquaint the students with the fundamental concepts and principles of Economics	K1, K2
CO2	Make student understand the Demand and Supply analysis in business applications	K1, K2, K3
CO3	Define and apply the concept of Elasticity of Demand.	K1, K2, K3
CO4	Learn about consumer behaviour and analyzing consumer decisions	K1, K2, K3
CO5	Understand the significance of laws of production	K1,K2

K1-Knowledge

K2-Understand

K3-Apply

Mapping of CO with PO

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

1-Low

2-Medium

3-Strong

Mapping of CO with PSO

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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

12 Hours

INTRODUCTION: Meaning - Definition of Economics – Wealth, Welfare, Scarcity and Growth definitions - Nature and Scope of Economics – Basic concepts: Human wants – Utility, Value – price – Market – Income

UNIT II

12 Hours

DEMAND AND SUPPLY ANALYSIS: Meaning – Law of demand– Reasons for the downward Slope of the demand curve- Exceptional Demand Curve- Determinants of Demand- Consumer's Surplus- Law of Supply.

UNIT III

10 Hours

ELASTICITY OF DEMAND: Meaning of Elasticity of Demand – Types of Elasticity of Demand: Price, Income, and Cross – Method of Measuring Elasticity of Demand: Percentage Method, Total Outlay Method, Point Method and Arc Method – Factors Determining Elasticity of Demand.

UNIT IV

14 Hours

THEORY OF CONSUMER BEHAVIOUR: Concept of Utility - Cardinal Utility Approach: Law of Diminishing Marginal Utility - Law of Equi-Marginal utility - Ordinal Utility Approach: Indifference Curve Analysis – Meaning- Properties of Indifference Curve - Consumer's equilibrium

UNIT V

12 Hours

THEORY OF PRODUCTION: Factors of Production - Features - Long-Run Production Theory: Law of Diminishing Returns - Law of Increasing Returns - Law of Constant Returns – Short run Production Theory: Law of Variable Proportions.

Text Books

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

Reference Books

Dewett K.K - **Micro Economics**, S.Chand, New Delhi, 2009.

Ahuja H L, **Advanced Economic Theory**, S.Chand & Company Ltd, New Delhi, 2004, 11th edition.

Maria John Kennedy M, **Advanced Micro Economic Theory**, Himalaya Publishing House, 2004, 3rd 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	Introduction to Economics	1	Black Board
1.2	Definition of Economics: Wealth, Welfare, Scarcity and Growth definitions	3	Black Board
1.3	Nature and Scope of Economics	4	Black Board
1.4	Basic concepts: Human wants, Utility, Value, price, Market and Income	4	LCD Projector
UNIT - II			
2.1	Meaning of Demand	1	Black Board
2.2	Law of demand	2	Black Board
2.3	Reasons for the downward Slope of the demand curve	2	LCD Projector
2.4	Exceptional Demand Curve	2	LCD Projector
2.5	Determinants of Demand	3	Black Board
2.6	Consumer's Surplus	1	LCD Projector
2.7	Law of Supply	1	Black Board
UNIT - III			
3.1	Types of Elasticity of Demand	3	Black Board
3.2	Method of Measuring Elasticity of Demand	4	LCD Projector
3.3	Factors Determining Elasticity of Demand.	3	Black Board
UNIT - IV			
4.1	Cardinal Utility Approach: Law of Diminishing Marginal Utility	2	LCD Projector

4.2	Cardinal Utility Approach: Law of Equi-Marginal utility	3	LCD Projector
4.3	Ordinal Utility Approach: Indifference Curve Analysis	3	LCD Projector
4.4	Properties of Indifference Curve	4	Black Board
4.5	Consumer's equilibrium	2	Black Board
UNIT - V			
5.1	Features of Factors of Production	3	Black Board
5.2	Law of Diminishing Returns	2	LCD Projector
5.3	Law of Increasing Returns	2	LCD Projector
5.4	Law of Constant Returns	2	LCD Projector
5.5	Law of Variable Proportions.	3	LCD Projector
Total		60	

Course Designer

Dr. G.RAMANAN

Associate Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20UECC12	Economic Statistics - I	Core - II	60	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 and comprehend the basic concepts of statistics and its application in economics.

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	Introduce the fundamentals of statistics and various types of data.	K1,K2
CO2	Understand types of sampling techniques and know the practical difficulties in sampling studies.	K1,K2,K3
CO3	To know the general rules of classification of data	K1, K2,K3
CO4	To inculcate the knowledge to measure the Central tendency, like mean, median and mode	K1,K2, K3
CO5	To understand Measures of dispersion and skewness	K1,K2,K3

K1-Knowledge

K2-Understand

K3-Apply

Mapping of CO with PO

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

1-Low

2-Medium

3-Strong

Mapping of CO with PSO

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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

12 Hours

INTRODUCTION: Statistics - Meaning - Definition - Characteristics - Functions - Statistics and Economics - Limitations

UNIT II

12 Hours

STATISTICAL SURVEY AND SAMPLING: A. Statistical Survey – Meaning – Stages – Planning the Statistical Survey – Executing the Plan of the Survey. B. Sampling: Meaning – Essentials – objectives – Theory of Sampling – Methods of Sampling – Merits and Demerits of Sampling – Sampling errors – Census Vs Sampling Methods.

UNIT III

10 Hours

COLLECTION OF DATA: Primary Vs Secondary Data – Methods of Collecting Primary data – Sources of Secondary Data – Precautionary steps in using Secondary Data – Schedule Vs Questionnaire – Qualities of a good Questionnaire – Classification of data – Diagram and Graph.

UNIT IV

14 Hours

MEASUREMENT OF CENTRAL TENDENCY: Measures of Central Tendency of Averages: Arithmetic Mean – Median, Mode Geometric Mean – Harmonic Mean – Quartiles. Deciles and Percentiles.

UNIT V

12 Hours

MEASURES OF DISPERSION, SKEWNESS AND KURTOSIS: A. Measures of Dispersion – Range – Quartile Deviation – Mean Deviation, Standard Deviation – Variance – Lorenz Curve (Theory only) B. Measurement of Skewness and Kurtosis : Meaning of Skewness – Measurement – Coefficient of Skewness – Karl Pearson's Method, Bowley's Method and Kelly's Method. Kurtosis: Meaning – Measurement of Kurtosis (Formula Only).

Text Books

Pillai R.S.N. & Bhagavati V. *Statistics Theory and Practice*, Chand & Co Ltd., New Delhi , 2013

Gupta G.P. - *Statistical Methods and Applications*, Sultan Chand and sons, New Delhi 2010

Reference Books

Pillai R.S.N. & Bhagavati V. *Statistics* , Chand & Co Ltd., New Delhi ,2013

Gupta S.P. - *Statistical Methods* , Sultan Chand and sons, New Delhi 2010

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 and Definition of Statistics	3	Discussion
1.2	Characteristics	2	Chalk & Talk
1.3	Functions	2	Chalk & Talk
1.4	Statistics and Economics	3	PPT
1.5	Limitations	2	Chalk & Talk
UNIT - II			
2.1	Planning the Statistical Survey	2	Discussion
2.2	Executing the Plan of the Survey	2	Chalk & Talk
2.3	Sampling	1	PPT
2.4	Essentials	1	PPT
2.5	Objectives	1	Chalk & Talk
2.6	Theory of Sampling	1	PPT
2.7	Methods of Sampling	4	Discussion
UNIT - III			
3.1	Primary Vs Secondary Data	1	Chalk & Talk
3.2	Methods of Collecting Primary data	1	PPT
3.3	Sources of Secondary Data	2	Discussion
3.4	Precautionary steps in using Secondary Data	2	PPT

3.5	Schedule Vs Questionnaire	1	Discussion
3.6	Qualities of a good Questionnaire	1	Discussion
3.7	Classification of data	1	Chalk & Talk
3.8	Diagram and Graph	1	Chalk & Talk
UNIT - IV			
4.1	Measures of Central Tendency or Averages	2	Discussion
4.2	Arithmetic Mean	2	E-Resources
4.3	Median and Mode	2	Chalk & Talk
4.4	Geometric Mean	2	PPT
4.5	Harmonic Mean	2	PPT
4.6	Quartiles	2	PPT
4.7	Deciles and Percentiles	2	Chalk & Talk
UNIT - V			
5.1	Range	1	Chalk & Talk
5.2	Quartile Deviation	2	PPT
5.3	Mean Deviation	1	PPT
5.4	Standard Deviation	2	PPT
5.5	Lorenz Curve (Theory only)	1	Chalk & Talk
5.6	Coefficient of Skewness	1	Chalk & Talk
5.7	Karl Pearson`s Method	1	Chalk & Talk
5.8	Bowley`s Method	1	Chalk & Talk
5.9	Kelly`s Method	1	Chalk & Talk
5.10	Measurement of Kurtosis (Formula Only).	1	Chalk & Talk
Total		60	

Course Designer

Mr. M. NIZAM MYDEEN

Assistant Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20UHIA12	History of India - I	Allied -I	90	4

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

Course Relevance	
Local	
Regional	
National	✓
Global	

Preamble

To make the students to understand the physical features of India and to develop sense of notion on different dynasties originated in India and their contribution to the rich cultural heritage.

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	Illustrate the geographical features of India and analyse the significance of Indus valley civilization and classify Vedic age.	K1, K2
CO2	Outline the intellectual awakening in India and emergence of great dynasties in ancient India.	K1, K2
CO3	Discuss the rule of Guptas and their cultural contributions and explain the foreign invasions in India.	K1, K2
CO4	Estimate the emergence of Delhi Sultanate, the socio-cultural contributions and rise of Bhakthi movement in India.	K1, K2, K3
CO5	Explain the legacy of Sangam Age and the rise of different dynasties in Tamilnadu.	K1, K2, K3

K1-Knowledge

K2-Understand

K3-Apply

Mapping of CO with PO

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

1-Low

2-Medium

3-Strong

Mapping of CO with PSO

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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

16 Hours

Geographical features of India –Unity in Diversity - Sources of Ancient Indian History - Indus valley Civilization – Early Vedic and Later - Vedic Civilization.

UNIT II

15 Hours

Rise of Jainism and Buddhism-Asoka the Great - the Mauriyan Administration - Social and Economic Conditions - Decline of the Empire.

UNIT III

17 Hours

The Guptas – Chandra Gupta – Samudra Gupta-Chandra Gupta II – Administration under the Guptas - Art and Literature – The Golden Age - Decline – The Arab invasion of Sind - Mahmud Ghazni and Ghori Invasions.

UNIT IV

24 Hours

Establishment of Delhi Sultanate – Qutbud din Aibak – Alauddin Khilji – Muhammad bin Tughluq - Firohshah Tughluq – Ibrahim Lodi – Administration - Art and Architecture –Bhakthi Movement –Fall of the Sultanate - Vijayanagar Empire- Krishnadeva Raya - Battle of Talaikota- Administration under the Empire-Art and Architecture.

UNIT V

18 Hours

The Sangam Age-Sources- Social, Economic and Religious conditions- The early Cheras - Cholas - Pandiyas- Kalabhras Interregnum - –Pallavas - Contribution to Art and Architecture.

MAPS: 1. Indus Valley Sites

2. Mauryan Empire

3. Gupta Empire

4. Alauddin Khilji

Text Books

Majumdar, R.C., *Advanced History of India*, Macmillan, NewDelhi, 1978.

Swaminathan.A., *History of India up to 1707*, Deepa Pathipagam, Chennai, 2004.

Reference Books

Mahajan, V.D., *Ancient India*, S. Chand & Company, New Delhi, 2007.

Romila Thapar, *The Penguin History of Early India: From the Origin to AD 1300*, Penguin India, New Delhi, 2004.

Sharma. R.S., *India's Ancient Past*, Oxford University Press, New Delhi, 2006.

Satish Chandra, *History of Medieval India*, Orient Black Swan, Delhi, 2007.

Nilakanta Sastri K.A., *A History of South India: From Prehistoric Times to the fall of Vijayanagar*, Oxford University Press, New Delhi, 1997.

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	Geographical features of India, Unity in Diversity.	4	E- Resources
1.2	Sources of Ancient Indian History.	4	E- Resources
1.3	Indus valley Civilization.	4	E- Resources
1.4	Early Vedic and Later Vedic Civilization.	4	E- Resources
UNIT - II			
2.1	The Guptas.	3	E- Resources
2.2	Chandra Gupta- Samudra Gupta, Chandra Gupta-II.	3	E- Resources
2.3	Administration under the Guptas.	3	Group Discussion
2.4	Art and Literature, The Golden Age, Decline.	3	E- Resources
2.5	The Arab invasion of Sind, Mahmud Ghazni and Ghoris Invasions.	3	E- Resources
UNIT - III			
3.1	The Guptas, Chandra Gupta, Samudra Gupta.	4	E- Resources
3.2	Chandra Gupta II, Administration under the Guptas.	4	E- Resources

3.3	Art and Literature, The Golden Age, Decline.	3	Group Discussion
3.4	The Arab invasion of Sind.	3	E- Resources
3.5	Mahmud Ghazni and Ghorī Invasions.	3	E- Resources
UNIT - IV			
4.1	Establishment of Delhi Sultanate, Qutb uddin Aibak.	4	E- Resources
4.2	Alauddin Khilji, Muhammad bin Tughluq, Firohshah Tughluq.	4	E- Resources
4.3	Ibrahim Lodi, Administration, Art and Architecture.	4	E- Resources
4.4	Bhakthi Movement, Fall of the Sultanate.	4	Group Discussion
4.5	Vijayanagar Empire, Krishnadeva Raya, Battle of Talaikota.	4	E- Resources
4.6	Administration under the Empire, Art and Architecture.	4	E- Resources
UNIT - V			
5.1	The Sangam Age, Sources.	4	E- Resources
5.2	Social, Economic and Religious conditions.	3	Group Discussion
5.3	The Early Cheras, Cholas, Pandiyas.	4	Group Discussion
5.4	Kalabhras Interregnum, Pallavas.	4	E- Resources
5.5	Contribution to Art and Architecture	3	E- Resources
Total		90	

Course Designer

Mr. MUHAMMED KABEER CP

Assistant Professor of History

Course Code	Course Title	Category	Total Hours	Credits
20UECC21	Micro Economic Theory - II	Core - III	60	4

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

Course Relevance	
Local	
Regional	
National	
Global	✓

Preamble

The emphasis will be on giving conceptual clarity to the student. It covers cost and revenue analysis, imperfect markets and theories of factor pricing

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	Familiarise students with the cost and revenue analysis.	K1, K2
CO2	Enable the students to understand the theories and strategies of Perfect market.	K1,K2
CO3	Understand the pricing and output decisions under Monopoly.	K1, K2
CO4	Infer the price and output determination in different market situation	K1,K2,K3
CO5	Determine the factor pricing like Wage, Rent, Interest and Profit	K1,K2,K3

K1-Knowledge

K2-Understand

K3-Apply

Mapping of CO with PO

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

1-Low

2-Medium

3-Strong

Mapping of CO with PSO

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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

15 Hours

COST AND REVENUE ANALYSIS: Meaning of Cost – Cost Concepts: AC, MC, TC – Fixed Cost and Variable Cost – Short-run and Long-run Cost curve – Relationships between Total Cost, Average Cost and Marginal Cost - Meaning of Revenue – Total Revenue, Average revenue and Marginal Revenue under perfect Competition and Imperfect Competition.

UNIT II

12 Hours

THEORY OF PRODUCT PRICING AND PERFECT COMPETITION: Market structure - Time elements - Perfect competition - Price and Output determination under Perfect Competition - Equilibrium of the firm and industry in the short-run and long-run.

UNIT III

8 Hours

MONOPOLY : Meaning of Monopoly – Types of Monopoly - Price and Output determination under Monopoly – Price Discrimination- Dumping.

UNIT IV

10 Hours

MONOPOLISTIC COMPETITION AND OLIGOPOLY: Features of Monopolistic Competition-Price determination under Monopolistic Competition - Oligopoly: Characteristics - Kinked demand curve model.

UNIT V

15 Hours

THEORY OF FACTOR PRICING : Marginal productivity theory of distribution – Rent: Ricardian theory of rent-Quasi Rent – Wages: Real and Nominal Wage – Marginal Productivity Theory of Wage. Interest: Loanable Fund Theory of Interest. Profit: Innovation theory of Profit

Text Books

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

Reference Books

Karl E. Case and Ray C. Fair, *Principles of Economics*, Pearson Education Inc., 8th Edition, 2007.

Ahuja H L, *Advanced Economic Theory*, 11th edition, S.Chand & Company Ltd, New Delhi, 2004.

Maria John Kennedy M, *Advanced Micro Economic Theory*, 3rd edition, Himalaya Publishing House, 2004.

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 Cost and Cost Concepts: AC, MC, TC	2	LCD Projector
1.2	Fixed Cost and Variable Cost	2	Black Board
1.3	Short-run Cost curve	2	LCD Projector
1.4	Long-run Cost curve	3	Black Board
1.5	Relationships between Average Cost and Marginal Cost	2	LCD Projector
1.6	Total Revenue, Average revenue and Marginal Revenue under perfect Competition.	2	LCD Projector
1.7	Total Revenue, Average revenue and Marginal Revenue under Imperfect Competition.	2	LCD Projector
UNIT - II			
2.1	Market structure	2	Black Board
2.2	Time elements	3	LCD Projector
2.3	Perfect competition and its features	2	LCD Projector
2.4	Price and Output determination under Perfect Competition	2	LCD Projector
2.5	Equilibrium of the firm and industry in the short-run and long-run	3	LCD Projector

UNIT - III			
3.1	Meaning of Monopoly	1	Black Board
3.2	Types of Monopoly	2	Black Board
3.3	Price and Output determination under Monopoly	3	LCD Projector
3.4	Price Discrimination	2	LCD Projector
UNIT - IV			
4.1	Features of Monopolistic Competition	2	LCD Projector
4.2	Price determination under Monopolistic Competition	3	LCD Projector
4.3	Characteristics of Oligopoly	3	Black Board
4.4	Kinked demand curve model	2	LCD Projector
UNIT - V			
5.1	Marginal productivity theory of distribution	3	LCD Projector
5.2	Ricardian theory of rent	3	LCD Projector
5.3	Quasi Rent	3	LCD Projector
5.4	Difference between Real and Nominal Wage	2	Black Board
5.5	Marginal Productivity Theory of Wage	2	Black Board
5.6	Loanable Fund Theory of Interest	2	Black Board
Total		60	

Course Designer

Dr. G.RAMANAN

Associate Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20UECC22	Economic Statistics - II	Core - IV	60	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 and comprehend the basic concepts of statistics and its application in economics.

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	Calculate and interpret the Correlation between two variables	K1, K2
CO2	Calculate the simple linear regression equation for a set data.	K1,K2, K3
CO3	Acquire knowledge on vital statistics, Index numbers and calculate an indices from given data.	K1, K2, K3
CO4	Gain knowledge about various measurement of trend like semi average, moving average and least square	K1,K2,K3
CO5	Have an understanding of the basic concepts of probability and to Know the association between the attributes.	K1,K2,K3

K1-Knowledge

K2-Understand

K3-Apply

Mapping of CO with PO

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

1-Low

2-Medium

3-Strong

Mapping of CO with PSO

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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

12 Hours

CORRELATION ANALYSIS: Correlation: Meaning – Uses – Types – Coefficient of correlation – Methods of Measuring correlation: Scatter diagram – Graphical method – Karl Pearsons's Co efficient of Correlation (Algebraic Method) – Spearman's Rank method.

UNIT II

12 Hours

REGRESSION ANALYSIS: Regression: Meaning – Uses –Regression lines – Regression Equation – Regression Co efficient – Standard error of estimate

UNIT III

14 Hours

INDEX NUMBERS: Meaning – Uses – Problems in the construction of index numbers – Methods of constructing Index numbers – Tests for index numbers – Time Reversal Vs Factor Reversal Test – Fixed base Vs Chain base index number – Limitations of index numbers

UNIT IV

10 Hours

TIME SERIES ANALYSIS: Time Series: Meaning – Uses – Components – Methods of measuring secular trend – Merits and demerits of Trend.

UNIT V

12 Hours

A. PROBABILITY AND ASSOCIATION OF ATTRIBUTES: Probability: Meaning – Importance – Methods of calculating probability – Probability Related events.

B. ASSOCIATION OF ATTRIBUTES: Variable Vs Attribute – Association Vs Disassociation – Meaning – Types of Association –Yule's Co-efficient of Association.

Text Books

Pillai R.S.N. & Bhagavati V. ***Statistics Theory and Practice***, Chand & Co Ltd., New Delhi, 2013

Gupta G.P. - ***Statistical Methods and Applications***, Sultan Chand and sons, New Delhi 2010

Reference Books

Pillai R.S.N. & Bhagavati V. ***Statistics***, Chand & Co Ltd., New Delhi ,2013

Gupta S.P. - ***Statistical Methods***, Sultan Chand and sons, New Delhi 2010

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	Uses of Correlation	1	Discussion
1.2	Types	1	Chalk & Talk
1.3	Scatter diagram	1	Chalk & Talk
1.4	Graphical method	2	PPT
1.5	Karl Pearsons's Co efficient of Correlation (Algebraic Method)	4	Chalk & Talk
1.6	Spearman's Rank method.	3	PPT
UNIT - II			
2.1	Uses of Regression	2	Discussion
2.2	Regression lines - Regression Equation	3	Chalk & Talk
2.3	Regression Co efficient	6	PPT
2.4	Standard error of estimate	1	PPT
UNIT - III			
3.1	Uses	1	Chalk & Talk
3.2	Problems in the construction of index numbers	2	PPT
3.3	Methods of constructing Index numbers	5	Discussion
3.4	Tests for index numbers – Time Reversal Vs Factor Reversal Test	3	PPT
3.5	Fixed base Vs Chain base index number	2	Discussion
3.6	Limitations of index numbers .	1	Discussion

UNIT - IV			
4.1	Uses of Time Series	2	PPT
4.2	Components	2	PPT
4.3	Methods of measuring secular trend	4	PPT
4.4	Merits and demerits of Trend	2	Chalk & Talk
UNIT - V			
5.1	Probability Importance	2	Chalk & Talk
5.2	Methods of calculating probability	3	PPT
5.3	Probability Related events	2	PPT
5.4	Association Vs Disassociation	1	PPT
5.5	Types of Association	2	Chalk & Talk
5.6	Yule's Co-efficient of Association.	2	Chalk & Talk
Total		60	

Course Designer

Mr. M. NIZAM MYDEEN

Assistant Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20UHIA22	History of India - II	Allied - II	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 history of the Mughal Empire, the rise of the British rule and the contribution of freedom struggle for nation building.

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	Express the political developments under the Mughals and Marathas.	K1, K2
CO2	Acquire knowledge about the advent of Europeans and British Paramountcy	K1, K2
CO3	Trace the birth of Indian Nationalism and Socio- religious reform movements	K1, K2
CO4	Explain the Gandhi and Indian National Movement	K1, K2, K3
CO5	Show the developments after Independence and role of Tamilnadu in the freedom struggle	K1, K2, K3

K1-Knowledge

K2-Understand

K3-Apply

Mapping of CO with PO

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

1-Low

2-Medium

3-Strong

Mapping of CO with PSO

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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

16 Hours

Mughal Empire - Sources – Babur - Humayun – Sur Interregnum - Sher Shah Sur –Akbar - Jahangir – Shah Jahan –Aurangzeb - Administration- Religious Condition–Art - Architecture- Literature - Decline–Marathas - Shivaji - Administration.

UNIT II

24 Hours

The advent of the Europeans -Portuguese –Dutch -English –French - Carnatic Wars-Ascendancy of the British –Robert Clive –Warren Hastings - Lord Cornwallis –Lord Wellesley –Lord William Bentinck- Lord Dalhousie.

UNIT III

18 Hours

The Revolt of 1857 –Causes -Course-Consequences -Socio-Religious Reform Movements –The growth of Indian National Congress - Moderates –Extremists -Partition of Bengal (1905)- Home Rule Movement (1916)

UNIT IV

20 Hours

The Gandhian Era –Jallian wala Bagh Massacre - Non-Cooperation Movement – Civil Disobedience Movement –Quit India Movement – Partition and Independence.

UNIT V

12 Hours

Salient Features of the Indian Constitution – Role of Tamil Nadu in India's Freedom Struggle – V.O.C. – Bharathi – Rajaji – Kamaraj.

MAPS:

1. Akbar's Empire
2. Aurangzeb's Empire
3. Carnatic Wars
4. Independent India

Text Books

Mahajan V.D. *History of India since 1526*, S. Chand and Publication; New Delhi, 1976.

Satish Chandra, *History of Medieval India*, Orient Black Swan, Delhi, 2007.

Bipan Chandra, *History of Modern India*, Orient Black Swan, New Delhi, 2010.

Reference Books

Majumdar, R.C. & others, Advanced ***History of India***, Macmillan, New Delhi, 1978.
Satish Chandra, ***Medieval India - From Sultanate to the Mughals, Two Parts***, Har Anand Publications, New Delhi, 2007.

Mehta J.L ***Advanced Study in the History of Medieval India, 3 Vols***, Sterling Publishers, New Delhi, 2009.

Khurana, K.L, ***Medieval India***, Lakshmi Narain Agarwal Publishers, Agra, 2018.
Agarwal A.C., ***Constitutional History of India***, Wiley Eastern Ltd., New Delhi, 1986.

Bipan Chandra and Others., ***India's Struggle for Independence***, Penguin India, New Delhi, 2004.

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	Mughal Empire, Sources.	4	E- Resources
1.2	Babur, Humayun, Sur Interregnum, Sher Shah Sur.	4	E- Resources
1.3	Akbar, Jahangir, Shah Jahan, Aurangzeb, Administration, Religious Condition.	4	E- Resources
1.4	Art, Architecture. Literature, Decline. Marathas, Shivaji, Administration.	4	E- Resources
UNIT - II			
2.1	The advent of the Europeans.	4	Group Discussion
2.2	Portuguese, Dutch.	4	E- Resources
2.3	English, French, Carnatic Wars.	4	E- Resources
2.4	Ascendancy of the British, Robert Clive, Warren Hastings.	4	E- Resources
2.5	Lord Cornwallis, Lord Wellesley.	4	Group Discussion
2.6	Lord William Bentinck, Lord Dalhousie.	4	E- Resources

UNIT - III			
3.1	The Revolt of 1857.	4	E- Resources
3.2	Causes –Course, Consequences.	4	E- Resources
3.3	Socio-Religious Reform Movements, The growth of Indian National Congress.	3	E- Resources
3.4	Moderates, Extremists, Partition of Bengal (1905)	4	E- Resources
3.5	Home Rule Movement (1916)	3	E- Resources
UNIT - IV			
4.1	The Gandhian Era.	4	E- Resources
4.2	Jallian wala Bagh Massacre.	4	E- Resources
4.3	Non-Cooperation Movement, Civil Disobedience Movement.	4	E- Resources
4.4	Quit India Movement.	4	Group Discussion
4.5	Partition and Independence.	4	E- Resources
UNIT - V			
5.1	Salient Features of the Indian Constitution.	4	E- Resources
5.2	Role of Tamil Nadu in India's Freedom Struggle.	4	Group Discussion
5.3	V.O.C. Bharathi.	2	E- Resources
5.4	Rajaji, Kamaraj	2	E- Resources
Total		90	

Course Designer

Mr. MUHAMMED KABEER CP

Assistant Professor of History

Course Code	Course Title	Category	Total Hours	Credits
20UECC31	Macro Economics - I	Core - V	75	4

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

Course Relevance	
Local	
Regional	
National	
Global	✓

Preamble

The aim of this course is to create basic knowledge about Macro Economic policy and tools.

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	Define the role and scope of macro economics	K1, K2
CO2	Define the concept of national income	K1,K2
CO3	Build the knowledge about employment theories	K1, K2,K3
CO4	apply the basic knowledge about consumption function	K1,K2,K3
CO5	make use of the theories of consumption function	K1,K2,K3

K1-Knowledge

K2-Understand

K3-Apply

Mapping of CO with PO

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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

15 Hours

Introduction: Meaning- Importance-Limitations - Difference between Micro and Macro Economics -- Circular Flow of Income: Two – Three, Four Sector Models.

UNIT II

15 Hours

NATIONAL INCOME: Meaning-Concept – Per capita income and Disposal personal income, Real income and Nominal Income – GNP ,GDP, NNP – Methods of Measuring National Income – Difficulties in the computation of National Income – National Income and Social Welfare

UNIT III

15 Hours

THEORY OF EMPLOYMENT: Meaning of Full Employment – Kinds of Unemployment –Classical Theory of Employment – Say's Law of Market – Pigou's view of Unemployment – Keynesian theory of Employment –Under – Employment equilibrium – Classical Vs Keynesian Approach

UNIT IV

15 Hours

CONSUMPTION FUNCTION: Meaning: Keynesian Psychological Law of Consumption – Significance of Keynes's Law – Propensity to consume –APC, MPC, APS, MPS – determinants of Consumption.

UNIT V

15 Hours

THEORIES OF CONSUMPTION FUNCTION: Absolute Income Hypothesis – Relative Income Hypothesis –Permanent Income Hypothesis – Life Cycle Hypothesis – Engels' law

Reference Books

Ahuja H.L.(2009) *Principles of Macro Economics*, S.chand,New Delhi

Stonier and Hague, *A text book of Economic Theory,(1958)*, Longmans Green & Co., London

Seth,M.L.(1991) *Principles of Economics*, Lakshmi narain Agarwal, Agra

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- Importance-Limitations	5	Chalk & Talk
1.2	Difference between Micro and Macro Economics	5	E-Resources
1.3	Circular Flow of Income: Two – Three, Four Sector Models	5	Discussion
UNIT - II			
2.1	Meaning-Concept – Per capita income and Disposal personal income, Real income and Nominal Income	5	Discussion
2.2	GNP ,GDP, NNP –Methods of Measuring National Income	4	Chalk & Talk
2.3	Difficulties in the computation of National Income	3	E-Resources
2.4	National Income and Social Welfare	3	Chalk & Talk
UNIT - III			
3.1	Meaning of Full Employment – Kinds of Unemployment	4	E-Resources
3.2	Classical Theory of Employment – Say's Law of Market	5	Chalk & Talk
3.3	Pigou's view of Unemployment – Keynesian theory of Employment	3	Discussion
3.4	Under – Employment equilibrium – Classical Vs Keynesian Theory.	3	Chalk & Talk

UNIT - IV			
4.1	Meaning: Keynesian Psychological Law of Consumption	5	Discussion
4.2	Significance of Keynes's Law – Propensity to consume –APC, MPC, APS, MPS	5	E-Resources
4.3	determinants of Consumption.	5	Chalk & Talk
UNIT - V			
5.1	Absolute Income Hypothesis – Relative Income Hypothesis	5	Chalk & Talk
5.2	Permanent Income Hypothesis – Life Cycle Hypothesis	5	Chalk & Talk
5.3	Engels' law	5	Discussion
Total		75	

Course Designer

Mr. G. Ponnambalam

Assistant Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20UECC32	Mathematical Economics - I	Core - VI	90	4

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

Course Relevance	
Local	
Regional	
National	✓
Global	

Preamble

Arts Students mostly prefer this course, but they have not basic ideas about mathematics. So this paper helps to gain basic knowledge about Mathematics.

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	Develop the basic knowledge of Mathematics	K1,K2,K3
CO2	Develop the knowledge for Solving Equations	K1,K2,K3
CO3	Apply the Mathematical knowledge into Economics Theory	K1,K2,K3
CO4	Compute and Solve Logarithmic function	K1,K2,K3
CO5	Develop Knowledge about SET Theory	K1,K2,K3

K1-Knowledge

K2-Understand

K3-Apply

Mapping of CO with PO

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

1-Low

2-Medium

3-Strong

Mapping of CO with PSO

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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

15 Hours

INTRODUCTION: Use of Mathematical Techniques in Economics – Basic Rules of Arithmetic Operations – Fraction – Algebraic Symbolism – Exponents and Radicals

UNIT II

20 Hours

EQUATIONS: Equations – Linear Equation in one Variable – Quadratic Equation (by using standard quadratic formula only) Simultaneous Linear Equation with Two and Three Variables

UNIT III

15 Hours

APPLICATION OF LINEAR EQUATION IN ECONOMICS: Application of Linear Equation in Economics - Linear Demand function and Supply function only

UNIT IV

20 Hours

LOGARITHM: Logarithm – Definition – Formula (Product, Quotient, Exponent) – Calculation using logarithmic tables (simple problems only)

UNIT V

20 Hours

SET THEORY: Set Theory – Definition – Types of Set – Universal Set – Operations on Sets - Difference of Set- Complement of a Set - De-Morgan's law - Venn diagram (for 2 & 3 sets) – Problems for 2 Sets and 3 Sets using Venn diagram

Text Books

Bose, D. *An introduction to Mathematical Economics*, Himalaya Publishing House, Mumbai, 2013.

Mehta - Madnani, *Mathematics for Economics*, Sultan Chand & Sons, New Delhi, 2009

Reference Books

Agarwal C.S and. Joshi R.C, *Mathematics for Economists*, The New Academic Publishing Jalandhar, 1983.

M. Manoharan & C. Elango, *Business Mathematics*, Palani Paramount Publications

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	Use of Mathematical Techniques in Economics	2	Chalk & Talk
1.2	Basic Rules of Arithmetic Operations	4	Chalk & Talk
1.3	Fraction	4	Chalk & Talk
1.4	Algebraic Symbolism	3	Chalk & Talk
1.5	Exponents	1	Chalk & Talk
1.6	Radicals	1	Chalk & Talk
UNIT - II			
2.1	Equations	3	E-Resources
2.2	Linear Equation in one Variable	3	Chalk & Talk
2.3	Quadratic Equation (by using standard quadratic formula only)	4	Chalk & Talk
2.4	Simultaneous Linear Equation with Two Variables	5	Chalk & Talk
2.5	Simultaneous Linear Equation with Three Variables	5	Chalk & Talk
UNIT - III			
3.1	Application of Linear Equation in Economics With reference to Linear demand function	8	Chalk & Talk
3.2	Application of Linear Equation in Economics With reference to Linear supply function	7	Chalk & Talk

UNIT - IV			
4.1	Logarithm – Definition,	2	Discussion
4.2	Formula - Product,	3	E-Resources
4.3	Formula - Quotient	3	Chalk & Talk
4.4	Formula - Exponent)	2	Chalk & Talk
4.5	Calculation using logarithmic tables	10	Chalk & Talk
UNIT - V			
5.1	Set Theory – Definition	2	E-Resources
5.2	Types of Set	4	Chalk & Talk
5.3	De-Morgan's law	4	Discussion
5.4	Venn diagram for 2 Sets	4	Chalk & Talk
5.5	Venn diagram for 3 Sets	6	Chalk & Talk
Total		90	

Course Designer

Dr. K. Abdul Rahim

Associate Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20UECA31	Monetary Economics	Allied - III	75	4

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

Course Relevance	
Local	
Regional	
National	
Global	✓

Preamble

To learn various functions and importance of money in the economy, the practical applicability of money in day to day life, which play vital role to upliftment of the Economy.

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	Understand the evolution of monetary system	K1,K2
CO2	Know the role of money and its types	K1,K2
CO3	Develop the knowledge of inflation, and Anti - inflationary Measures	K1, K2
CO4	Comprehend the meaning and theories of Trade cycle	K1,K2,K3
CO5	Understand the role of the banking sector	K1,K2,K3

K1-Knowledge

K2-Understand

K3-Apply

Mapping of CO with PO

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

1-Low

2-Medium

3-Strong

Mapping of CO with PSO

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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

17 Hours

EVOLUTION OF MONEY: Definition – Barter system and its defects – Evolution of Money – Kinds of money – Functions of Money – Benefits and Drawbacks of Money – Fiduciary System – Gold Standard – Paper standard; Advantages and Disadvantages – Methods of Note Issue.

UNIT II

13 Hours

VALUE OF MONEY: Meaning – Theories of Money; Irving Fisher's Quantity Theory of Money – Cambridge Equations – Superiority of Cambridge version over Fisher's version.

UNIT III

15 Hours

INFLATION AND DEFLATION : Inflation – Meaning -- Types of Inflation – Consumption inflation – Effects of Inflation – Causes for Inflation – Measures – (Quantitative and Qualitative measures) – Inflationary Gap- Deflation – Meaning – Philip's Curve – Meaning.

UNIT IV

14 Hours

TRADE CYCLE: Meaning – Characteristics – Types of Trade Cycle – Phases of Trade Cycle – Theories of Trade of Cycle: Schumpeter's theory – Keynesian theory of Trade Cycle

UNIT V

16 Hours

BANKING: RBI – Objectives and Functions – Functions of Commercial Banks – Role of Commercial Banks in Economic Development – Credit Creation.

Text Books

Seth M.L., *Money Banking and International Trade and public Finance*, Lakshmi Narayan Agarwal, Educational Publishers, Agra (2014)

Reference Books

Cauvery R., Sudha Nayak U.K., Kruparani N., and Manimekalai A., ***Monetary Economics***, S, Chand & Co. Ltd, New Delhi.(1998)

Sankaran S., ***Monetary Economics***, Margham Publications, Chennai. (2013)

Sundaram K.P.M., ***Money Banking, International Trade***, sultan chand& sons, Delhi (2005)

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 – Barter system and its defects – Evolution of Money– Kinds of money.	5	Chalk & Talk
1.2	Functions of Money – Benefits and Drawbacks of Money	5	E-Resources
1.3	Fiduciary System – Gold Standard – Paper standard; Advantages and Disadvantages – Methods of Note Issue.	7	Discussion
UNIT - II			
2.1	Meaning – Theories of Money; Irving Fisher's Quantity Theory of Money.	3	Discussion
2.2	Cambridge Equations	5	Chalk & Talk
2.3	Superiority of Cambridge version over Fisher's version.	5	E-Resources
UNIT - III			
3.1	Inflation – Meaning - Types of Inflation– Consumption inflation.	3	E-Resources
3.2	Effects of Inflation – Causes for Inflation – Measures – (Quantitative and Qualitative measures).	6	Chalk & Talk
3.3	Inflationary Gap–Deflation – Meaning – Philip's Curve – Meaning.	6	Discussion

UNIT - IV			
4.1	Meaning – Characteristics – Types of Trade Cycle.	4	Discussion
4.2	Phases of Trade Cycle	5	E-Resources
4.3	Theories of Trade of Cycle; Schumpeter's theory – Keynesian theory of Trade Cycle.	5	Chalk & Talk
UNIT - V			
5.1	Objectives and Functions – Functions of Commercial Banks.	6	E-Resources
5.2	Functions of Commercial Banks.	5	Chalk & Talk
5.3	Role of Commercial Banks in Economic Development –Credit Creation.	5	Discussion
Total		75	

Course Designer

Mr. A. Abdul Hameed

Assistant Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20UECS31	Entrepreneurship Development	SBS - I	30	2

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

Course Relevance	
Local	
Regional	
National	✓
Global	

Preamble

The aim of this course is to impart the entrepreneurship skill.

Syllabus

UNIT I

6 Hours

INTRODUCTION: Entrepreneur – Meaning --Definition - Functions of Entrepreneur – Types – Role of Entrepreneurs in Economic Development – Entrepreneur and Manager – Traits and Qualities of Successful Entrepreneurs.

UNIT II

5 Hours

ENTREPRENEURSHIP: Concept of Entrepreneurship – Motivation Theories – Entrepreneurial Mobility –Factors Influencing Mobility.

UNIT III

6 Hours

WOMEN ENTREPRENEURSHIP: Women Entrepreneurship – Concept, 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

6 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

7 Hours

INSTITUTIONAL ARRANGEMENT: Institutional Arrangement for Entrepreneurship Development – DIC – SIDO – SIDCO – NSIC – SIPCOT – TIIC – SIDBI – Incentives and Subsidies – EDP – Need – Objectives Instructions.

Text Books

J. Shanmuganathan, *Entrepreneurship Development*

Reference Books

S. S. Khanka, *Entrepreneurial Development*, S. Chand & Co.

C.B.Gupta & N.P.Srinivasan, *Entrepreneurial Development in India*, Sulthan Chand & Sons

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 - Functions of Entrepreneur	2	Chalk & Talk
1.2	Types – Role of Entrepreneurs in Economic Development	2	E-Resources
1.3	Entrepreneur and Manager	1	Discussion
1.4	Traits and Qualities of Successful Entrepreneurs.	1	E-Resources
UNIT - II			
2.1	Concept of Entrepreneurship	2	Discussion
2.2	Motivation Theories	2	Chalk & Talk
2.3	Entrepreneurial Mobility – Factors Influencing Mobility.	1	E-Resources
UNIT - III			
3.1	Women Entrepreneurship – Concept, Types	2	E-Resources
3.2	Factors Influencing - Women Entrepreneurship – Role and Functions	2	Chalk & Talk
3.3	Growth of Women Entrepreneurship in India – Problems of Women Entrepreneur	1	Discussion
3.4	Steps to Promote Women Entrepreneurship in India.	1	E-Resources

UNIT - IV			
4.1	Meaning of Small Scale Industries – Types of SSI	2	Discussion
4.2	Role of SSI in Economic Development	1	E-Resources
4.3	Problems of SSI	1	Chalk & Talk
4.4	Contents – Formulation. – Project Report	2	E- Resources
UNIT - V			
5.1	Institutional Arrangement for Entrepreneurship Development – DIC – SIDO	2	E-Resources
5.2	SIDCO – NSIC – SIPCOT – TIIC – SIDBI – Incentives and Subsidies	2	Chalk & Talk
5.3	Incentives and Subsidies	1	Discussion
5.4	EDP – Need – Objectives Instructions.	2	E- Resources
Total		30	

Course Designer

Mr. G. PONNAMBALAM

Assistant Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20UECC41	Macro Economics - II	Core - VII	75	4

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

Course Relevance	
Local	
Regional	
National	✓
Global	

Preamble

Aim of this course is to educate role of macroeconomic tools and policy.

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	Recall the investment function	K1,K2,K3
CO2	Explain the concept of multiplier and accelerator	K1,K2,K3
CO3	Develop the knowledge about monetary policy	K1,K2,K3
CO4	Match the application of IS-LM Curve	K1,K2,K3
CO5	Develop the knowledge about fiscal policy	K1,K2,K3

K1-Knowledge

K2-Understand

K3-Apply

Mapping of CO with PO

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

1-Low

2-Medium

3-Strong

Mapping of CO with PSO

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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

15 Hours

INVESTMENT FUNCTION: Meaning – Types – Determinants of Investment – Difference between Autonomous Investment and Induced Investment – Factors determining Investment Function – Marginal Efficiency of Capital – Investment Demand Schedule

UNIT II

15 Hours

MULTIPLIER AND ACCELERATOR: Meaning: Employment Multiplier - Leakages – Static and Dynamic multipliers – Induced Investment and Accelerator – The interaction principle – Super Multiplier

UNIT III

15 Hours

MACRO ECONOMIC POLICY: Meaning-Objectives- Instruments – Monetary Policy in Developing Economy. Fiscal Policy- Meaning- Objectives – Instruments- Effectiveness of Monetary and Fiscal policies

UNIT IV

15 Hours

POST KEYNESIAN MACRO ANALYSIS: Post Keynesian Macro Analysis– General equilibrium of monetary and real sector – contribution of Hicks-Hansen

UNIT V

15 Hours

MONEY AND CAPITAL MARKET: Meaning – Components, Role of Money Market-Capital market-meaning-components- Role of Capital Market- IS-LM Diagram

Text Books

M.L. Jhingan, *Advanced Economic Theory*, Vrinda Publications (P) Ltd., 2003
Maria John Kennady, *Macro Economics*

Reference Books

Ahuja H.L., (2009) *Principles of Micro Economics*, S. Chand, New Delhi
Sankaran. S, *Economic Analysis*, Margham Publications, Madras, 1991

Stonier and Hague, *A Text Book of Economic Theory*, (1958), Long Man Green & Co., London.

Seth, M. L. (1991) *Principles of Economics*, Lakshmi Narain Agarwal, Agra.

Samuelson Paul, A., *Price Theory*, McGraw - Hill School Education Group.

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 and Determinants of Investment-Difference between Autonomous Investment and Induced Investment	6	Chalk & Talk
1.2	Factors determining Investment Function	3	E-Resources
1.3	Marginal Efficiency of Capital	3	Discussion
1.4	Investment Demand Schedule	3	E-Resources
UNIT - II			
2.1	Multiplier: Meaning-Employment Multiplier-Leakages	5	Discussion
2.2	Static and Dynamic multipliers - Induced Investment and Accelerator	5	Chalk & Talk
2.3	The interaction principle - Super Multiplier	5	E-Resources
UNIT - III			
3.1	Monetary Policy : Meaning-Objectives – Instruments	5	E-Resources
3.2	Instruments	3	Chalk & Talk
3.3	Monetary Policy in Developing Economy	3	Discussion
3.4	Fiscal Policy: Meaning- Objectives – Instruments	4	E-Resources
UNIT - IV			
4.1	Post Keynesian Macro Analysis	5	Discussion
4.2	General equilibrium of monetary and real sector	3	E-Resources

4.3	Contribution of Hicks	3	Chalk & Talk
4.4	Contribution of Hansen	4	E-Resources
UNIT - V			
5.1	Money Market: Meaning,	4	E-Resources
5.2	Components and Role of Money Market	3	Chalk & Talk
5.3	Capital market – meaning - components	3	Discussion
5.4	Role of Capital Market- IS-LM Diagram	5	E-Resources
Total		75	

Course Designer

Mr. G. PONNAMBALAM

Assistant Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20UECC42	Mathematical Economics – II	Core - VIII	75	4

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

Course Relevance	
Local	
Regional	
National	✓
Global	

Preamble

Enhance the Mathematical Knowledge and its application into Economic Theories.

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	Develop the knowledge of matrix and its operations such as addition, subtraction, multiplication and transposition	K1,K2,K3
CO2	Compute the Matrix problems	K1,K2,K3
CO3	Apply the knowledge for solve first and second order differential equation	K1,K2,K3
CO4	Develop the knowledge for application of derivatives in Economic concepts	K1,K2,K3
CO5	Develop the knowledge of mathematical background of LP	K1,K2,K3

K1-Knowledge

K2-Understand

K3-Apply

Mapping of CO with PO

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

1-Low

2-Medium

3-Strong

Mapping of CO with PSO

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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

10 Hours

MATRICES AND DETERMINANTS – I: Matrices – Meaning – Types of Matrices – Operations of Matrices (Addition, Subtraction and Multiplication) – Transpose of Matrix

UNIT II

15 Hours

MATRICES AND DETERMINANTS – II: Determinants – Definition – Properties – Co-factors – Inverse of a Matrix – Solution of linear equations by Crammer's rule – Input- output analysis(Simple Problems Only)

UNIT III

15 Hours

DIFFERENTIATION: Differentiation – Meaning – Basic Rules of Differentiation – Higher Order Differentiation (First and Second Order only) – Calculation Using Addition ,Subtraction, Product Quotient and function of function rule)

UNIT IV

20 Hours

APPLICATION OF DERIVATIVES IN ECONOMICS: Average Cost and Marginal Cost – Average and Marginal Revenues – Maxima and Minima (Single Variable Only) – Profit and Sales Maximization

UNIT V

15 Hours

LINEAR PROGRAMMING: Introduction – Meaning – Basic Concepts – Mathematical Formulation of Linear Programming – Problem and its Solution by graphical Method Only.

Text Books

Bose, D. *An introduction to Mathematical Economics*, Himalaya Publishing House, Mumbai, 2013.

Mehta - Madnani, *Mathematics for Economics*, Sultan Chand & Sons, New Delhi, 2009

Reference Books

Agarwal C.S and. Joshi R.C, *Mathematics for Economists*, The New Academic Publishing Jalandhar, 1983.

M. Manoharan & C. Elango, *Business Mathematics*, Palani Paramount Publications

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	Matrix – Meaning - Types of Matrices	2	E-Resources
1.2	Operations of Matrices – Addition	2	Chalk & Talk
1.3	Subtraction	2	Discussion
1.4	Multiplication	2	Chalk & Talk
1.5	Transpose of Matrix	2	Chalk & Talk
UNIT - II			
2.1	Determinants – Definition – Properties	4	Discussion
2.2	Co-factors of matrix	2	Chalk & Talk
2.3	Inverse of a Matrix	2	Chalk & Talk
2.4	Solve the linear equations by Crammer's rule	4	Chalk & Talk
2.5	Input- output analysis (Simple Problems Only)	3	Chalk & Talk
UNIT - III			
3.1	Differentiation – Meaning - Rules	3	E-Resources
3.2	Higher Order Differentiation (First and Second Order only)	3	Chalk & Talk
3.3	Calculation - Addition – Subtraction	4	Chalk & Talk
3.4	Product - Quotient	3	Chalk & Talk
3.5	Function of function rule	2	Chalk & Talk
UNIT - IV			
4.1	Average Cost and Marginal Cost	5	Discussion
4.2	Average and Marginal Revenues	5	Chalk & Talk

4.3	Maxima and Minima (Single Variable Only)	5	Chalk & Talk
4.4	Profit and Sales Maximization	5	Chalk & Talk
UNIT - V			
5.1	Linear Programming – Introduction - Meaning – Basic Concepts	5	E-Resources
5.2	Mathematical Formulation of Linear Programming	5	Chalk & Talk
5.3	Problem and its Solution by graphical Method Only	5	Discussion
Total		90	

Course Designer

Dr. K .Abdul Rahim

Associate Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20UECC43	Industrial Economics	Core - IX	45	4

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

Course Relevance	
Local	
Regional	
National	✓
Global	

Preamble

To understand the role of Industries in the economic development and learn the economies of scale and apply them to the real situations.

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	Comprehend firm, industry and classification of industry.	K1
CO2	Understand localization and factors affecting localisation	K2
CO3	Define types of Economies of scale	K1,K2,K3
CO4	Understand the importance of Small scale industries in economic development	K2,K3
CO5	Analyse the causes of industrial sickness and Remedial measures	K1, K2, K3

K1-Knowledge

K2-Understand

K3-Apply

Mapping of CO with PO

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

1-Low

2-Medium

3-Strong

Mapping of CO with PSO

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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

9 Hours

INTRODUCTION: Industry – Meaning - Definition - Concept of Plant, Firm and Industry – Classification of Industry - Industrialisation – Importance of industrialization.

UNIT II

8 Hours

INDUSTRIAL LOCATION: Localisation of industries – Factors affecting localisation - Advantages and disadvantages of localisation – Decentralisation of industries.

UNIT III

8 Hours

ECONOMIES OF SCALE: Economies of scale – Internal economies – Types – External economies of large Production

UNIT IV

10 Hours

SMALL SCALE ENTERPRISES: Differences between cottage and small scale industries – Role of small scale industries in Economic development – Problems of small scale industries - Remedial measures.

UNIT V

10 Hours

INDUSTRIAL SICKNESS: Industrial sickness - Causes – Remedial measures – Industrial policy 1991.

Text Books

Cherunilam. F, *Industrial Economics Indian Perspective* – Himalaya publishing House, VI edition 2020

Singh. A and A.N. Sadhu, *Industrial Economics* – Himalaya publishing House, 1988

Reference Books

Barthwal. R.R, *Industrial Economics* –New Age International IV Edition 2020

Ahulwalia. I.J, *Industrial Growth in India* –Oxford University Press, 1985

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 – Meaning - Definition - Concept of Plant, Firm and Industry	4	Chalk & Talk
1.2	Classification of Industry - Industrialisation	3	Discussion
1.3	Importance of industrialisation.	2	Chalk & Talk
UNIT - II			
2.1	Localisation of industries	2	Chalk & Talk
2.2	Factors affecting localization	2	Black Board
2.3	Advantages and disadvantages of localization	3	Discussion
2.4	Decentralisation of industries	1	Chalk & Talk
UNIT - III			
3.1	Economies of scale	3	Discussion
3.2	Internal economies -Types	3	Chalk & Talk
3.3	External economies of large Production	2	Chalk & Talk
UNIT - IV			
4.1	Differences between cottage and small scale industries	2	Discussion
4.2	Role of small scale industries in Economic development	3	Chalk & Talk
4.3	Problems of small scale industries	3	Chalk & Talk
4.4	Remedial measures	2	Discussion

UNIT - V			
5.1	Industrial sickness Causes	4	Discussion
5.2	Remedial measures	4	Discussion
5.3	Industrial policy 1991	2	Chalk & Talk
Total		45	

Course Designer

Mr. M. NIZAM MYDEEN

Assistant Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20UECA41	Banking Technology	Allied - IV	45	3

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

Course Relevance	
Local	
Regional	
National	
Global	✓

Preamble

As Banking Technology is recent inevitable Technology which plays vital role in day today banking operations this course makes aware the arts students to learn and understand the technology in banking.

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	Understand concepts of Technologies in Banking Operations	K1,K2
CO2	Familiar with Functions And Operations of ATM.	K1,K2
CO3	Understand about Electronic Payment System.	K1, K2
CO4	Access the Internet Banking.	K1,K2,K3
CO5	Know about Prospects and Challenges of E-Banking	K1,K2

K1-Knowledge

K2-Understand

K3-Apply

Mapping of CO with PO

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

1-Low

2-Medium

3-Strong

Mapping of CO with PSO

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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

10 Hours

INTRODUCTION: E – Banking – Meaning - Definition - Evolution of E – Banking in India - Objectives of E - Banking - Benefits of E – Banking, Core Banking: Meaning and Features, Advantages and Disadvantages -Internet Banking, Mobile Banking, Tele Banking, Distinction between E - Banking and Traditional Banking.

UNIT II

9 Hours

CONCEPTS OF ATM: ATM – Meaning –Features - Functions of ATM – Input and Output Devices of ATM - Pin Management of ATM – Do's and Don'ts of ATM – POS – Advantages and Disadvantages of ATM, Safety Measures for customers in using ATM.

UNIT III

9 Hours

ELECTRONIC PAYMENT: Methods of Payment systems – Distinction between Debit Card –Credit Card – Smart cards – Biometric Card – E - Cheque, E –Purse,E-Cash, E-Payments–NEFT, EFT, SWIFT, RTGS, Digital Signature, ECS.

UNIT IV

11 Hours

OPERATIONS AND SAFETY MEASURES: Internet Banking – Meaning, Features, Operations of Internet Banking, Services offered by Internet Banking – Steps to Access Internet Banking, Security risks of Internet Banking, Safety Tips for safe Online Banking. Facets of E- Internet Banking.

UNIT V

6 Hours

PROSPECTS AND CHALLENGES: Concept of Phishing, Recent Developments in Banking Sector, Deterrents of E –Banking - Models of E – Banking – Opportunities and Challenges of E- Banking in India.

Text Books

R.Ramachandran, *Banking Theory and Practice*, MJP Publishers, 2012.

S. Gurusawamy, *Banking Theory Law and Practice*, Vijay Nicole Imprints Private Limited, 2005.

Reference Books

Rajesh and T. R Sivagnanasithi, ***Banking Theory Law and Practice***, Tata McGraw-Hill Publishing Company Limited, 2009.

C .S. Rao & S. Arunajatesan, Technology ***in Banking***, Margham Publications.2011

Rabi Narayana Misra, ***E -Banking Management***, Discovery Publishing House PVT, LTD, 2016.

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	E – Banking – Meaning - Definition - Evolution of E – Banking in India - Objectives of E - Banking - Benefits of E – Banking.	3	Chalk & Talk
1.2	Core Banking – Meaning – Features, Advantages and Disadvantages.	3	E-Resources
1.3	Internet Banking, Mobile Banking, Tele Banking, Distinction between E - Banking and Traditional Banking.	4	Discussion
UNIT - II			
2.1	ATM – Meaning –Features - Functions of ATM	3	Discussion
2.2	Input and Output Devices of ATM - Pin Management of ATM – Do’s and Don’ts of ATM	3	Chalk & Talk
2.3	POS – Advantages and Disadvantages of ATM, Safety Measures for customers in using ATM.	3	E-Resources

UNIT - III			
3.1	Methods of Payment systems – Distinction between Debit Card –Credit Card – Smart cards – Biometric Card.	3	E-Resources
3.2	E - Cheque, E –Purse, E-Cash, E-Payments	3	Chalk & Talk
3.3	NEFT, EFT, SWIFT, RTGS, Digital Signature, ECS.	3	Discussion
UNIT - IV			
4.1	Internet Banking – Meaning, Features, Operations of Internet Banking, Services offered by Internet Banking.	4	Discussion
4.2	Steps to Access Internet Banking, Security risks of Internet Banking.	4	E-Resources
4.3	Safety Tips for safe Online Banking. Facets of E- Internet Banking.	3	Chalk & Talk
UNIT - V			
5.1	Concept of Phishing, Recent Developments in Banking Sector.	2	E-Resources
5.2	Deterrents of E –Banking - Models of E – Banking.	2	Chalk & Talk
5.3	Opportunities and Challenges of E-Banking in India.	2	Discussion
Total		45	

Course Designer

Mr. A. Abdul Hameed

Assistant Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20UECS41	Economics of Tourism	SBS - II	30	2

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

Course Relevance	
Local	
Regional	
National	
Global	✓

Preamble

The aim of this course is to create knowledge about economic aspects of Tourism.

Syllabus

UNIT I

6 Hours

ECONOMIC IMPORTANCE OF TOURISM: Economic importance of Tourism – Contribution to National Income – Tourism and employment – Tourism and Foreign Gains.

UNIT II

6 Hours

TRAVEL MOTIVATION: Factors influencing the growth of Tourism – Need for Rest and Relaxation – Travel Motivation – Participation in sports – Business activities.

UNIT III

6 Hours

TOUR OPERATORS: Travel Agents and Tour operators. Role of Tourism Development Corporation in India.

UNIT IV

6 Hours

PLANNING: Tourism Planning- Need and Importance

UNIT V

6 Hours

ROLE OF THE STATE: Role of the State in Tourism- Tourism in the Era of Globalisation.

Text Books

JagmohanNegi, *Travel Agency and Tour Operator*, Kanishka Publishing House, New Delhi

P.N.Seth & S.S.Bhatt, *An Introduction to Travel and Tourism Management*, Sterling Publication, New Delhi

Reference Books

A.K. Bhatia, *Tourism*

R.N. Kaul, *Dynamics of Tourism*, Sterling Publishers private Ltd. New Delhi.

Ratan Deepsingh, *Dynamics of Tourism*, Kanishka Publishers, Distributors, 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	Economic importance of tourism	2	Chalk & Talk
1.2	Contribution to national income	2	E-Resources
1.3	Tourism and employment	1	Discussion
1.4	Tourism and foreign gains	1	E-Resources
UNIT - II			
2.1	Factors influencing growth of tourism	2	Discussion
2.2	Travel motivation	2	Chalk & Talk
2.3	Participation in business –sports activities	2	E-Resources
UNIT - III			
3.1	Travel Agent	1	E-Resources
3.2	Tour operators	1	Chalk & Talk
3.3	Tourism development corporation in India	2	Discussion
3.4	Role of ITDC	2	E-Resources
UNIT - IV			
4.1	Planning	1	Discussion
4.2	Tourism planning	2	E-Resources
4.3	Need for tourism planning	1	Chalk & Talk
4.4	Importance of tourism planning	2	E-Resources
UNIT - V			
5.1	Role of state	1	E-Resources
5.2	Role of state in tourism development	2	Chalk & Talk
5.3	Globalisation	1	Discussion
5.4	Tourism in the Era of Globalisation	2	E-.Resources
Total		30	

Course Designer

Mr. G. PONNAMBALAM

Assistant Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20UECC51	International Economics	Core - X	75	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 and comprehend the basic concepts of international economics.

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	Explain the fundamentals, basic features and Theories of International Economics.	K1, K2
CO2	Outline the attributes about the International trade and Terms of Trade.	K2
CO3	Explain the commercial policies and methods of Protection	K1, K2
CO4	Construct the Balance of trade and Balance of payments.	K1,K2,K3
CO5	Build the knowledge on International financial institutions.	K1,K2,K3

K1-Knowledge

K2-Understand

K3-Apply

Mapping of CO with PO

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

1-Low

2-Medium

3-Strong

Mapping of CO with PSO

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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

15 Hours

Differences between Inter Regional Trade and International Trade – Characteristic Features of International Trade – Classical Theory of International Trade (Adam Smith and David Ricardo) – Modern Theory of International Trade (Heckscher and Ohilin Theory)

UNIT II

15 Hours

Terms of Trade – Meaning – Types of Terms of Trade – Factors Affecting Terms of Trade – Gains from Trade.

UNIT III

15 Hours

Free Trade and Protection – Methods of Protection – Tariff, Customs Duties, Quotas, Licensing.

UNIT IV

17 Hours

Balance of Trade – Meaning – Balance of Payments – Equilibrium – Components – Causes for Disequilibrium in the Balance of Payments – Measures to correct Disequilibrium

UNIT V

13 Hours

International financial institutions- IMF – IBRD – WTO- ADB (Establishment, Objectives, Functions)

Text Books

K.P.M. Sundaram, *Money, banking and international trade*, Kalyani publications, 2017, Chennai, XIII edition

Dr. MariyaJohn Kennedy, *International Economics*, PHI Learning pvt ltd, Chennai, 2014, XIII edition.

Reference Books

Dr.S.Sankaran, *International Economics*, Margham publications, Chennai, 2012, II 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	Differences between Inter Regional Trade and International Trade	5	Chalk & Talk
1.2	Characteristic Features of International Trade	3	Chalk & Talk
1.3	Classical Theory of International Trade (Adam Smith and David Ricardo)	3	Chalk & Talk
1.4	Modern Theory of International Trade (Heckscher and Ohilin Theory)	4	E-Resources
UNIT - II			
2.1	Meaning of Terms of Trade	5	Chalk & Talk
2.2	Types of Terms of Trade	5	E-Resources
2.3	Factors Affecting Terms of Trade.	5	Discussion
UNIT - III			
3.1	Trade Policy	3	Chalk& Talk
3.2	Free Trade and Protection	2	E-Resources
3.3	Methods of Protection	2	Chalk& Talk
3.4	Tariff and Types of Tariff	2	E-Resources
3.5	Customs Duties and Types of Customs Duties.	3	Discussion
3.6	Quotas and Types of Quotas	2	E-Resources
3.7	Licensing	1	Chalk& Talk
UNIT - IV			
4.1	Meaning of Balance of Trade	4	Chalk& Talk
4.2	Balance of Payments and its Equilibrium	3	Discussion
4.3	Components of Balance of Payments	3	E-Resources
4.4	Causes for Disequilibrium in the Balance of Payments	4	Chalk& Talk
4.5	Measures to correct Disequilibrium	3	E-Resources

UNIT - V			
5.1	Establishment, Objectives and Functions of IMF	4	Chalk& Talk
5.2	Establishment, Objectives and Functions of IBRD	5	Discussion
5.3	Establishment, Objectives and Functions of WTO	4	Chalk& Talk
Total		75	

Course Designer

Dr. N. Mohamed Sameem

Assistant Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20UECC52	History of Economic Thought	Core - XI	75	4

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

Course Relevance	
Local	
Regional	
National	
Global	✓

Preamble

History of Economic Thought brings a Bird's Eye view of Background Economic Theories and Ideas of Various Economists from Earlier to Modern period.

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	Make Understand concepts And Views of Mercantilism and Physiocracy	K1, K2
CO2	Explain the theories of Classical Economists	K2
CO3	Utilize Contribution of Neo- Classical School	K1, K2,K3
CO4	Make use of Socialistic School	K1,K2,K3
CO5	Examine Contribution of Indian Economic Thinkers	K1,K2,K3

K1-Knowledge

K2-Understand

K3-Apply

Mapping of CO with PO

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

1-Low

2-Medium

3-Strong

Mapping of CO with PSO

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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

14 Hours

Mercantilism – Factors Leading to Mercantilism – Mercantilists Ideas – Decline of Mercantilism –Critical Appraisal of Physiocracy – Ideas of Physocrats – Appraisal – Comparison between Physiocrats and Mercantilism.

UNIT II

17 Hours

Adam Smith views –Wealth Definition - Division of Labour - Theory of Value – Capital Accumulation – Free Trade – Role of State –Stationary State. David Ricardo: Theory of Rent – Theory of distribution – International Trade, Malthus: Theory of Population -Market Glut. J.S Mill: Hedonism - Liberalism - Deviation from classicism

UNIT III

13 Hours

Alfred Marshall: Welfare Definition -Time Element - Contribution to Consumption and production - Internal and External Economies – Representative Firm – Quasi Rent-Consumer Surplus.

UNIT IV

18 Hours

Utopian Socialism – Ideas of Saint Simon – Robert Owen and Fourier – Socialistic Ideas– Karl Marx: Materialistic interpretation of History – Class Struggle –Labour Theory of Value – Surplus Theory of value, Industrial Army.

UNIT V

13 Hours

Economic Ideas – Thiruvalluvar – Kautilya–Gandhi – V..K..R.V.Rao – Dadabhai Naoroji, Amartya Sen.

Text Books

Sankaran, *History of Economic Thought*, Margham Publications, 1987.

Reference Books

Lokanathan, *History of Economic Thought*, S.Chand & Company Ltd. Edition 2004.

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	Mercantilism– Factors Leading to Mercantilism – Mercantilists Ideas – Decline of Mercantilism	5	Chalk & Talk
1.2	Critical Appraisal of Physiocracy – Ideas of Physocrats – Appraisal	5	E-Resources
1.3	Comparison between Physiocrats and Mercantilism.	4	Discussion
UNIT - II			
2.1	Adam Smith views–Wealth Definition - Division of Labour - Theory of Value – Capital Accumulation – Free Trade – Role of State –Stationary State.	6	Discussion
2.2	David Ricardo : Theory of Rent – Theory of distribution – International Trade	5	Chalk & Talk
2.3	Malthus: Theory of Population -Market Glut. J.S Mill: Hedonism - Liberalism - Deviation from classicism .	6	E-Resources
UNIT - III			
3.1	Alfred Marshall: Welfare Definition -Time Element.	4	E-Resources
3.2	Contribution to Consumption and production	4	Chalk & Talk
3.3	Internal and External Economies – Representative Firm – Quasi Rent.	5	Discussion
UNIT - IV			
4.1	Utopian Socialism – Ideas of Saint Simon, Robert Owen and Fourier.	6	Discussion
4.2	Socialistic Ideas– Karl Marx: Materialistic interpretation of History – Class Struggle.	6	E-Resources

4.3	Labour Theory of Value – Surplus Theory of value, Industrial Army.	6	Chalk & Talk
UNIT - V			
5.1	Economic Ideas of Thiruvallivar – Kautilya	5	E-Resources
5.2	Gandhi–V.K.R.V.Rao	4	Chalk & Talk
5.3	Dadabhai Naoroji, Amartya Sen.S	4	Discussion
Total		75	

Course Designer

Mr. A. Abdul Hameed

Assistant Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20UECC53	Indian Economy	Core-XII	75	4

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

Course Relevance	
Local	
Regional	
National	✓
Global	

Preamble

To understand the basic structure of Indian Economy and to understand the importance of Primary, Secondary and Service Sector and Foreign Capital

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	Understand the basic structure of Indian economy	K1, K2
CO2	Explain the importance of Agriculture Sector in Indian economy	K2
CO3	Develop the basic knowledge about Public Sector and Private Sector and realize the role of Industry in Indian Economy	K1, K2,K3
CO4	Develop the basic knowledge about New Economic Policy and Foreign Capital	K1,K2,K3
CO5	Realize impact of Black Money and Regional Disparities	K1,K2,K3

K1-Knowledge

K2-Understand

K3-Apply

Mapping of CO with PO

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

1-Low

2-Medium

3-Strong

Mapping of CO with PSO

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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

11 Hours

Structure of Indian Economy: Characteristic features – India as a developing Economy – Mixed Economy – Meaning – features – Merits – Demerits

UNIT II

17 Hours

Agriculture and Indian Economy: Role of Agriculture in Indian Economy - Trends in Agricultural Production in India – Agricultural Problems – Agricultural productivity – Meaning – Causes for low Agricultural Productivity in India – Remedial Measures .

UNIT III

17 Hours

Industry and Indian Economy: Importance of Industry in Indian Economy – Public Sector – Objectives – Growth – Remedial Measures– Role of Private Sector– A note on Service Sector.

UNIT IV

15 Hours

New Economic Policy and Foreign Capital: Objectives - New Industrial Policy 1991 - Liberalisation – Privatisation – Globalisation - Issues of Disinvestment - Foreign Capital – Forms – Importance - Government Policy towards Foreign Capital

UNIT V

15 Hours

Black Money - Meaning – Impact Factors responsible for generation of Black Money - Controlling Measures - Regional Disparities– Meaning– Indicators - Causes–Remedial Measures.

Text Books

S.Sankaran, *Indian Economy*, Margham Publications, Chennai.2020.

Misra and Puri, *Indian Economy*, Himalaya Publishing House, New Delhi.2011

Reference Books

Gaurav Datt and Ashwani Mahajan, **Indian Economy**, S. Chand & Company Private Limited, New Delhi.2020

Ishwar C. Dhingra, **Indian Economy**, Sultan Chand & Sons, New Delhi.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	Indian Economy-characteristic features	3	Chalk & Talk
1.2	India as a developing Economy	3	PPT
1.3	Mixed Economy – Meaning – features	3	Chalk & Talk
1.4	Merits and De-Merits	2	Chalk & Talk
UNIT - II			
2.1	Role of Agriculture in Indian Economy	3	PPT
2.2	Trends in Agricultural Production in India	3	Chalk & Talk
2.3	Agricultural Problems	3	Chalk & Talk
2.4	Agricultural productivity – Meaning – Causes for low Agricultural Productivity in India –	5	Chalk & Talk
2.5	Remedial Measures	3	Chalk & Talk
UNIT - III			
3.1	Importance of Industry in Indian Economy	4	Chalk & Talk
3.2	Public Sector – Objectives – Growth	3	Chalk & Talk
3.3	Role of Public sectors in Indian Economy	3	Chalk & Talk
3.4	Problems – Remedial Measures	2	Chalk & Talk
3.5	Role of Private Sector	2	Chalk & Talk
3.6	A note on Service Sector.	3	Chalk & Talk
UNIT - IV			
4.1	New economic policy – Objectives	3	PPT
4.2	New Industrial Policy 1991 - Liberalisation – Privatisation– Globalisation	4	Chalk & Talk

4.3	Issues of Disinvestment	3	Chalk & Talk
4.4	Foreign Capital – Forms – Importance	2	Chalk & Talk
4.5	Government Policy towards Foreign Capital	3	Chalk & Talk
UNIT - V			
5.1	Black Money - Meaning – Impact	3	Chalk & Talk
5.2	Factors responsible for generation of Black Money	4	Discussion
5.3	Controlling Measures	3	Discussion
5.4	Regional Disparities– Meaning– Indicators	2	Chalk & Talk
5.5	Causes–Remedial Measures.	3	Chalk & Talk
Total		75	

Course Designer

Dr. K. Abdul Rahim

Associate Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20UECC54	Fiscal Economics	Core - XIII	60	4

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

Course Relevance	
Local	
Regional	
National	
Global	✓

Preamble

The aim of this course is to create basic knowledge about public revenue and expenditure

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	Relate the role and scope of fiscal economics	K1, K2
CO2	Summarize the concepts of public debt	K1,K2
CO3	Discuss the knowledge about finance commissions	K1, K2
CO4	Develop the basic idea about budget	K1,K2,K3
CO5	Develop the basic idea about taxation	K1,K2,K3

K1-Knowledge

K2-Understand

K3-Apply

Mapping of CO with PO

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

1-Low

2-Medium

3-Strong

Mapping of CO with PSO

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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

12 Hours

Public Finance – Meaning- Nature and scope – Private finance and Public finance a Comparison – Principle of Maximum Social Advantage - Public goods, Private goods, Merit goods

UNIT II

12 Hours

Public Expenditure – Causes for the Growth of Public Expenditure in India – Theories of Public Expenditure: Effects of Public Expenditure.

UNIT III

16 Hours

Public revenue – Sources of public revenue (Centre and States) – Theories of Taxation : Benefit Theory, Ability to pay Theory – Canons of Taxation – Direct and Indirect Taxes – Characteristics of a Good Tax – System – Impact, Shifting and Incidence of Taxation – Factors determining Incidence of Taxation - GST (short answer only)

UNIT IV

10 Hours

Public Debt – Meaning – Classification – Causes for the growth – Burden of public Debt – Methods of Redeeming public debt.

UNIT V

10 Hours

Federal Finance – Union and State Financial Relations – Role and Functions of Finance commissions – Budget: Meaning – Importance – Budgeting Process in India – Local Finance.

Text Books

T.N. Hajela, *Money Banking and International Trade Public Finance*, Shivalal Publication, 2010 9th edition

M.C. Vaish. Konark, *Money Banking and International Trade Public Finance*, Konark publishers, 2014, 14th edition

Reference Books

B.P. Tyagi, *Public Finance*, Jai prakash publishers, 2015, 14th edition

R.A.Musgrave, *Public finance*, Tata McGraw Hill publisher, 217, 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	Public Finance – Meaning,	3	Chalk & Talk
1.2	Nature and scope of Public finance	3	E-Resources
1.3	Private finance and Public finance- a Comparison	3	Discussion
1.4	Principle of Maximum Social Advantage	3	E-Resources
UNIT - II			
2.1	Public Expenditure- causes & growth	4	Discussion
2.2	Theories of Public Expenditure	4	Chalk & Talk
2.3	Effects of Public expenditure	4	E-Resources
UNIT - III			
3.1	Theories of Taxation	4	E-Resources
3.2	Direct Vs Indirect Taxes	4	Chalk & Talk
3.3	Impact, shifting	4	Discussion
3.4	Incidence of Taxation, factors determinants	4	E-Resources
UNIT - IV			
4.1	Public Debt – meaning & classification	3	Discussion
4.2	Causes for the growth of Public Debt	2	E-Resources
4.3	Burden of Public Debt	2	Chalk & Talk
4.4	Redemption of Public Debt	3	E-Resources
UNIT - V			
5.1	Union State financial relations	2	E-Resources
5.2	Finance Commissions	3	Chalk & Talk
5.3	Budgetary process	3	Discussion
5.4	Local finance	2	Assignment
Total		60	

Course Designer

Mr. G. Ponnambalam

Assistant Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20UECC55	Principles of Marketing	Core - XIV	75	4

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

Course Relevance	
Local	
Regional	
National	
Global	✓

Preamble

This course provides students with an overview of the marketing function and to understand the role of marketing within society and in an economic system.

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	Describe the key marketing principles and terminology	K1, K2
CO2	Relate the marketing functions in areas of business.	K2
CO3	Explain the anticipate of marketing and sales problems and issues common in the modern workplace.	K1, K2
CO4	Apply the anticipate sales problems and analyzing consumer decisions	K1,K2,K3
CO5	Build the necessary relationships between marketing and the other functional areas of business.	K1,K2,K3

K1-Knowledge

K2-Understand

K3-Apply

Mapping of CO with PO

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

1-Low

2-Medium

3-Strong

Mapping of CO with PSO

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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

17 Hours

Definition of Market - Evaluation – Classification of Markets - Marketing: Meaning – Importance – Marketing vs. Selling - Types of Goods.

UNIT II

15 Hours

Marketing Mix: Meaning – Problems - Marketing Functions: Functions of Exchange, Functions of Physical Distribution, Facilitating functions

UNIT III

15 Hours

Personal Selling : Meaning and Objectives – Salesmanship – Qualities of good salesman – Sources of Recruitment - Selection process – Training Methods.

UNIT IV

16 Hours

Definitions – Basic features – Objectives – Functions – Advantages of Advertising – Kinds of Advertising Media.

UNIT V

12 Hours

Definition– Types of Channels of distribution – Functions of Middlemen – Kinds of Middlemen - Services rendered by Wholesalers –Types of Retailers

Text Books

Philip Kortler and Kevin Lane, *Marketing Management*, PHI 13th Edition, 2008

Paul Baisen et al, *Marketing*, Oxford University Press, 13th edition, 2008.

Reference Books

Duglas, J. Darymple, *Marketing Management*, John Wiley & Sons, 7th edition, 2008.

NAG, *Marketing successfully- A Professional Perspective*, Macmillan 2008.

Dalvymple, *Marketing Management*, Wiley India Pvt Ltd, 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	Definition, Evaluation and Classification of Market	4	Discussion
1.2	Meaning and Importance of Marketing	4	Chalk & Talk
1.3	Marketing vs. Selling	3	PPT
1.4	Types of Goods	3	PPT
1.5	Definition, Evaluation and Classification of Market	3	Discussion
UNIT - II			
2.1	Meaning and Problems of Marketing Mix	8	Discussion
2.2	Marketing Functions	7	Chalk & Talk
UNIT - III			
3.1	Meaning and Objectives of Personal Selling	3	Chalk & Talk
3.2	Salesmanship and Qualities of good salesman	3	PPT
3.3	Sources of Recruitment	3	Discussion
3.4	Selection process and Training Methods	3	Discussion
3.5	Meaning and Objectives of Personal Selling	3	Chalk & Talk
UNIT - IV			
4.1	Definitions and Basic features of Advertising	4	PPT
4.2	Objectives and Functions of Advertising	3	PPT
4.3	Advantages of Advertising	4	PPT
4.4	Kinds of Advertising Media	5	Chalk & Talk

UNIT - V			
5.1	Definition and Types of Channels of distribution	4	Chalk & Talk
5.2	Functions and Kinds of Middlemen	3	PPT
5.3	Services rendered by Wholesalers	2	PPT
5.4	Types of Retailers	3	PPT
Total		75	

Course Designer

Dr. G. Ramanan

Associate Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20UECE51	Foreign Exchange	Elective-I	60	3

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

Course Relevance	
Local	
Regional	
National	
Global	✓

Preamble

The aim of this course is to imbibe knowledge on foreign exchange and related aspects

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	Outline the fundamentals of Exchange rate determination.	K1, K2
CO2	Explain about the Theories of Foreign exchange.	K2
CO3	Classify the Methods of Exchange control	K1, K2
CO4	Identify the FERA & FEMA	K1,K2,K3
CO5	Estimate the FDI and its role	K1,K2,K3

K1-Knowledge

K2-Understand

K3-Apply

Mapping of CO with PO

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

1-Low

2-Medium

3-Strong

Mapping of CO with PSO

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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

11 Hours

Foreign Exchange Rate – Meaning – Exchange Rate System – Fixed Exchange Rate and Flexible Exchange Rate.

UNIT II

13 Hours

Theories of Foreign Exchange Rate – Mint par Parity Theory – Purchasing Power Parity Theory.

UNIT III

13 Hours

Exchange Control – Meaning – Objectives of Exchange Control – Methods of Exchange Control.

UNIT IV

12 Hours

Foreign Exchange Regulation Act (FERA) – Foreign Exchange Management Act (FEMA)

UNIT V

11 Hours

FDI – Meaning – Types of FDI - Role of FDI in Indian Economy.

Text Books

Dr. MariyaJohn Kennedy, *International Economics*, PHI Learning pvt ltd, Chennai, 2014, XIII edition.

Reference Books

Dr. S. Sankaran, *International Economics*, Margham publications, Chennai, 2012, II edition.

K.P.M. Sundaram, *Money, banking and international trade*, Kalyani publications, 2017, Chennai, XIII 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	Foreign Exchange Rate – Meaning	3	Chalk & Talk
1.2	Exchange Rate System	3	E-Resources
1.3	Fixed Exchange Rate and Flexible Exchange Rate	5	Discussion
UNIT - II			
2.1	Theories of Foreign Exchange Rate	5	Chalk & Talk
2.2	Mint par Parity Theory	4	Chalk & Talk
2.3	Purchasing Power Parity Theory.	4	E-Resources
UNIT - III			
3.1	Exchange Control – Meaning	4	E-Resources
3.2	Objectives of Exchange Control	4	Chalk & Talk
3.3	Methods of Exchange Control	5	Discussion
UNIT - IV			
4.1	Foreign Exchange Regulation	4	Discussion
4.2	Foreign Exchange Regulation Act (FERA)	4	E-Resources
4.3	Foreign Exchange Management Act (FEMA)	4	Chalk & Talk
UNIT - V			
5.1	FDI – Meaning	4	E-Resources
5.2	Types of FDI	3	Chalk & Talk
5.3	Role of FDI in Indian Economy	4	Discussion
Total		60	

Course Designer

Dr. N. Mohamed Sameem

Assistant Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20UECE52	Gender Economics	Elective - I	60	3

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

Course Relevance	
Local	
Regional	
National	
Global	✓

Preamble

Familiarize with various concepts of Gender Studies and develop sensitivity towards both genders in order to lead an ethically enriched life.

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	Acquaint the students with the basic concepts on Gender	K1, K2
CO2	Make student understand the importance of Marriage and Family system	K2
CO3	Define the national and State level institutions for Women.	K1
CO4	Get introduced to learn about the role of Women in our economic development	K2, K3
CO5	Understand the significance of women employment	K2, K3

K1-Knowledge

K2-Understand

K3-Apply

Mapping of CO with PO

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

1-Low

2-Medium

3-Strong

Mapping of CO with PSO

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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

11 Hours

BASIC CONCEPTS: Sex and Gender - Social Construction of Gender - Gender Socialization

UNIT II

12 Hours

GENDER AND SOCIETY: Marriage: Meaning - Functions and Types of Marriage- Surrogacy- Family: Distinctive Features of Family, Types of Family

UNIT III

13 Hours

WOMEN SPECIFIC INSTITUTIONS IN INDIA: National Commission for Women- State Commission for Women.

UNIT IV

12 Hours

WOMEN EMPOWERMENT: Women and Economic Growth-Women in Organized and Unorganized Sector.

UNIT V

12 Hours

WOMEN AND EMPLOYMENT: Women's Employment- Employment Status of Women in India- SHG.

Text Books

Bhasin Kamala, *Understanding Gender : Gender Basics* , New Delhi : Women Unlimited , 2004

Rajadurai. S.V,Geetha.V,*Themes in Caste Gender and Religion*, Tiruchirappalli : Bharathidasan University ,2007

Saha Chandana , *Gender Equity and Gender Equality : Study of Girl Child in Rajasthan* , Jaipur: Rawat Publication ,2003.

Reference Books

Krishna Sumi, (ed.), *Livelihood and Gender : Equity in Community Resource Management*, New Delhi : Sage Publication ,2004

RadhaChakravathy , *Feminism and Contemporary Women Writers: Rethinking Subjectivity*, Publisher: Routledge, India, 2007.

Padma Anagol. *The Emergence of Feminism in India Features*, Publisher Sashgate Publishing Limited, 2010.

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	Sex and Gender	4	Chalk & Talk
1.2	Social Construction of Gender	4	Chalk & Talk
1.3	Gender Socialization	3	PPT
UNIT - II			
2.1	Meaning, Functions and Types of Marriage	7	Chalk & Talk
2.2	Distinctive Features of Family, Types of Family	5	Chalk & Talk
UNIT - III			
3.1	National Commission for Women	6	Chalk & Talk
3.2	State Commission for Women	7	PPT
UNIT - IV			
4.1	Women and Economic Growth	6	Chalk & Talk
4.2	Women Organized and Unorganized Sector	6	PPT
UNIT - V			
5.1	Women's Employment , Employment Status of Women in India, SHG	12	Chalk & Talk
Total		60	

Course Designer

Dr. G. Ramanan

Associate Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20UECE53	Tamilnadu Economy	Elective - I	60	3

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

Course Relevance	
Local	
Regional	✓
National	
Global	

Preamble

It enhances Knowledge of Tamil Nadu economy and It helps to know the Social Security Measures in Tamil Nadu

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	Know the Resource availability of Tamilnadu	K1,K2
CO2	Understand the performance of Tamilnadu Economy	K1,K2,K3
CO3	Develop the Knowledge of Agricultural Sector	K1,K2,K3
CO4	Understand the performance of Industrial Sector in Tamilnadu Economy	K1,K2,K3
CO5	Understand Importance of Social Security Measures in Tamilnadu	K1,K2,K3

K1-Knowledge

K2-Understand

K3-Apply

Mapping of CO with PO

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

1-Low

2-Medium

3-Strong

Mapping of CO with PSO

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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

13 Hours

Resource Endowment: Resource endowment - Land, Minerals, Forests and Water resources - Size and growth of population - Human Development Index - Gender Development Index.

UNIT II

12 Hours

Agricultural Sector: Sources of irrigation - Cropping pattern - Productivity - Agricultural marketing - Regulated Markets - Uzhavar Sandhai - Agricultural finance - Livestock

UNIT III

11 Hours

Industrial Sector: Trends and patterns in industrial growth - Large scale and small scale industries - Industrial Estate - KVIC and DIC - Tamilnadu public sector Undertakings

UNIT IV

13 Hours

Social Security Measures: Introduction - Nutrition Noon Meals Scheme- Integrated Child Development Scheme -Tamil Nadu Integrated Nutrition Project- Old Age Pension Scheme - Chief Minister Comprehensive Health Insurance Scheme - Public Distribution System.

UNIT V

11 Hours

Performance of Tamil Nadu Economy: Trends in State income - State Planning Commission - Targets and Achievements - Current year Budget.

Text Books

Leonard A.G., *Tamil Nadu Economy*, Macmillan, New Delhi, 2006.

Rajalakshmi, *Tamil Nadu Economy*, Business Publishers, 1999

Reference Books

Perumalsamy.S, *Economic Development of Tamil Nadu*, S. Chand, New Delhi, 1995.

RajaLakshmi, (2000) - *Tamil Nadu Economy*, Sultan Chand & Sons, Educational Publishers, New Delhi – 2.

Perumalsamy (2000), *Tamil Nadu Economy*, Sultan Chand & So., New Delhi
Kurien. CT. (1996), *Economics Changes in Tamil Nadu*, Orient Publishing House.

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	Resource Endowment	4	Chalk & Talk
1.2	Forests and WATER resources	3	Chalk & Talk
1.3	Size and Growth Of population, Human Development Index	3	PPT
1.4	Gender Development Index.	3	PPT
UNIT - II			
2.1	Sources of irrigation and Cropping pattern	3	Chalk & Talk
2.2	Productivity	2	Chalk & Talk
2.3	Agricultural marketing and Regulated Markets	2	Chalk & Talk
2.4	Uzhavar Sandhai	2	Chalk & Talk
2.5	Agricultural Finance	2	Chalk & Talk
2.6	Livestock	1	Chalk & Talk
UNIT - III			
3.1	Trends and patterns in industrial growth	3	Chalk & Talk
3.2	Large scale and small scale industries	3	Chalk & Talk
3.3	Industrial Estate, KVIC and DIC	3	Chalk & Talk
3.4	Tamilnadu public sector Undertakings	2	Chalk & Talk
UNIT - IV			
4.1	Nutrition Noon Meals Scheme	3	Chalk & Talk
4.2	Integrated Child Development Scheme	3	Chalk & Talk
4.3	Tamil Nadu Integrated Nutrition Project-Old Age Pension Scheme	2	Chalk & Talk
4.4	Chief Minister Comprehensive Health Insurance Scheme	2	Chalk & Talk
4.5	Public Distribution System.	3	Chalk & Talk

UNIT - V			
5.1	Trends in State income	3	Chalk & Talk
5.2	State Planning Commission - Targets and Achievements	4	Chalk & Talk
5.3	Tamilnadu public sector Undertakings	2	Chalk & Talk
5.4	Current year Budget.	2	Chalk & Talk
Total		60	

Course Designer

Dr. K. Abdul Rahim

Associate Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20UECS51	Fundamentals of Computer –I	SBS - III	30	2

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

Course Relevance	
Local	
Regional	
National	
Global	✓

Preamble

It helps to understand the computer concepts, functions and Operations of Computer and also to understand the role and use of computer

Syllabus

UNIT I

7 Hours

Introduction: Computer - Meaning –Basic components – History of Computers – Classification of Computers – Computing concepts, Input - Output Devices – External storage devices.

UNIT II

6 Hours

Programming Languages: Software and Hardware – Programming Languages – Low and High Languages.

UNIT III

6 Hours

MS Word: Introducing Microsoft Office – Word Processing with MS Word – Basic Formatting – Text and Documents.

UNIT IV

5 Hours

Application of MS Word: Working with Headers and Footers and Foot notes – Tables, sorting Working with Graphics – Introduction to Mail Merge.

UNIT V

6 Hours

MS Excel: Working with MS Excel – Basic Operation – Arranging work sheets – Formatting, Statistical functions – Charts, Graphics.

Text Books

Subramanian, N. **Computers**, McGraw Hill Education India

Xavier, C. **Introduction to Computer and BASIC Programming**, New Age International Publishers, New Delhi.

Reference Books

Ron Mansfield, **Working in Microsoft Office**, McGraw Hill Education India
Computer Today – Sanders – 3rd Edition

Balagurusamy, E. **Programming in Basic**, Tata McGraw Hill Publishing Company Limited, 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 and Basic components of Computer	2	Chalk & Talk
1.2	History of Computers	1	E-Resources
1.3	Classification of Computers	1	Discussion
1.4	Computing concepts	1	Chalk & Talk
1.5	Output Devices	1	E-Resources
1.6	External storage devices.	1	Discussion
UNIT - II			
2.1	Software and Hardware	3	Discussion
2.2	Programming Languages: Low and High Languages.	3	Chalk & Talk
UNIT - III			
3.1	Introducing Microsoft Office	2	E-Resources
3.2	Word Processing with MS Word	2	Chalk & Talk
3.3	Basic Formatting and Text and Documents	2	Discussion
UNIT - IV			
4.1	Working with Headers and Footers and Foot notes	2	Discussion
4.2	Tables, sorting Working with Graphics and Mail Merge.	3	E-Resources
UNIT - V			
5.1	Basic Operation of MS Excel	2	E-Resources
5.2	Arranging work sheets and Formatting Statistical functions	2	Chalk & Talk
5.3	Charts and Graphics.	2	Discussion
Total		30	

Course Designer

Mr. M. Nizam Mydeen

Assistant Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20UECC61	Development Economics	Core-XV	75	4

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

Course Relevance	
Local	
Regional	
National	
Global	✓

Preamble

The aim of this course is to create basic knowledge about public revenue and expenditure

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	Understand the role and scope of planning	K1, K2
CO2	Understand the Importance of planning machinery	K2
CO3	Gain the knowledge about five year plans	K1, K2
CO4	Develop the basic idea about Growth & Development	K1,K2,K3
CO5	Analyse the theories of Growth	K1,K2,K3

K1-Knowledge

K2-Understand

K3-Apply

Mapping of CO with PO

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

1-Low

2-Medium

3-Strong

Mapping of CO with PSO

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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

15 Hours

Planning – Meaning – Definition – Features – Need for Planning in Underdeveloped Economies – Types of Planning – Physical and Financial – Short term and Perspective Planning- Planning in Capitalist, Socialist and Mixed Economies.

UNIT II

10 Hours

Plan Formulation – planning machinery – Plan implementation in India – India's Five Year Plans – objectives – Size of Plan – Strategies – Resource Mobilization.

UNIT III

18 Hours

Growth – Meaning – Definition – Characteristics- Indicators – Causes – Economic Development - Meaning - Difference between Economic Development and Economic Growth – Obstacles to Economic Development Economic and Non – Economic Factors – Nature of Dualism.

UNIT IV

21 Hours

Rostow's Stages of Economic growth- Theories of Economic Growth – Balanced growth – Unbalanced Growth - Big – Push Theory – Thesis of Critical Minimum Effort – Mahalanobis Thesis in Development – Harrod – Domar Models – Marxian Theory of Surplus Value.

UNIT V

11 Hours

Impact of Economic Growth – Agriculture sector, Industrial sector, Service sector – Economic reforms in India.

Text Books:

Goel, *Planning & Growth*, Konark Publishers, 2021

M.L.Jhingan, *Planning & growth* – Vikas Publishers, 2012

Reference Books

A.K. Das Gupta, *Planning and Growth*, Himalaya Publisher, 2005

Dobb Maurice, *An Essay on Economic Growth and Planning*, S.Chand, 1996

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	Planning – Meaning & Definition	3	Chalk & Talk
1.2	Features of Planning	4	E-Resources
1.3	Need for planning in UDC's	4	Discussion
1.4	Types of Planning	4	E-Resources
UNIT - II			
2.1	Planning Machinery	4	Discussion
2.2	Objectives of five Year plan	3	Chalk & Talk
2.3	Size and Strategies of Plan	3	E-Resources
UNIT - III			
3.1	Growth- Meaning, Characteristics, Indicators	5	E-Resources
3.2	Difference Between Economic Development and Economic Growth	4	Chalk & Talk
3.3	Obstacles to Economic Development	5	Discussion
3.4	Economic and Non-Economic Factors	4	E-Resources
UNIT - IV			
4.1	Rostow's Stages of Growth	6	Discussion
4.2	Balanced Vs Unbalanced Growth	5	E-Resources
4.3	Big Push Theory	5	Chalk & Talk
4.4	Mahalanobis Thesis in Development	5	E-Resources
UNIT - V			
5.1	Impact of Economic Growth	4	E-Resources
5.2	Agricultural, Industrial sector	2	Chalk & Talk
5.3	Service sector	2	Discussion
5.4	Economic Reforms in India	3	E-Resources
Total		75	

Course Designer

Mr. G. Ponnambalam

Assistant Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20UECC62	Agricultural Economics	Core-XVI	75	4

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

Course Relevance	
Local	
Regional	
National	✓
Global	

Preamble

Background Economic Theories and Ideas of Various Economists from Earlier to Modern period.

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	Make Understand Basic concepts of Agricultural Economics	K1, K2
CO2	Learn about Causes of Low Agricultural Productivity	K2
CO3	Understand Contribution of Green Revolution	K1, K2,K3
CO4	Gain Knowledge about Agricultural Marketing	K1,K2,K3
CO5	Examine the role of Agricultural Finance	K1,K2,K3

K1-Knowledge

K2-Understand

K3-Apply

Mapping of CO with PO

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

1-Low

2-Medium

3-Strong

Mapping of CO with PSO

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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

13 Hours

Agricultural Economics – Meaning – Definition - Scope - Characteristics, Importance – Role of Agriculture in Economic development – and Distinction between Agriculture and Industry

UNIT II

19 Hours

Ninefold Land use Classification - Cropping Pattern and Factors Affecting Cropping Pattern in India - Causes for Low Agricultural Productivity – Agricultural Labourers – Meaning - Characteristics.

UNIT III

13 Hours

Land Reforms–Green Revolution - Meaning –Objectives - A Critical Evaluation of Green Revolution – IADP - Intensive Agricultural District Programme – Mechanization of Indian Agriculture

UNIT IV

17 Hours

Concepts and Features of Agricultural Markets - Types of Agricultural Markets - Marketable Surplus – Objectives of Agricultural Price Policy and Instruments of Price Policy - Buffer Stock – Minimum Support Price.

UNIT V

13 Hours

Rural Indebtedness – Causes, Consequences, Measures to Remove Rural Indebtedness - NABARD, RIDF (Rural Infrastructure Development Fund), National Agricultural Insurance Scheme – Kisan Credit Card Scheme

Text Books

S.Sankaran,*Agricultural Economy of India*, Margham Publications, Edition 2014
R.G.Desai,*Agricultural Economics*, Himalaya Publications House ,Edition 2006

Reference Books

Dr.C.B.Mamoria& Dr. BadriBishalTripathi, *Agricultural Problems*,KitabMahal
Twenty Sixth Edition 2008.
Malvika Singh, *Agricultural Economy of India:Current Status and Issues*, New Century Publications, 2017.

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 and Definitions of Agricultural Economics	4	Chalk & Talk
1.2	Scope, Characteristics and Importance Agricultural Economics	5	E-Resources
1.3	Role of Agriculture in Economic development – Interdependence and Distinction between Agriculture and Industry.	4	Discussion
UNIT - II			
2.1	Ninefold Land use Classification.	5	Discussion
2.2	Cropping Pattern and Factors Affecting Cropping Pattern in India.	7	Chalk & Talk
2.3	Causes For Low Agricultural Productivity – Agricultural Labourers – Meaning - Characteristics.	7	E-Resources
UNIT - III			
3.1	Green Revolution – Meaning and Objectives.	3	E-Resources
3.2	A Critical Evaluation of Green Revolution	5	Chalk & Talk
3.3	Intensive Agricultural District Programme –Mechanization of Indian Agriculture.	5	Discussion
UNIT - IV			
4.1	Concepts and Features of Agricultural Markets -Types and Marketable Surplus.	5	Discussion
4.2	Objectives of Agricultural Price Policy and Instruments of Price Policy.	7	E-Resources
4.3	Buffer Stock – Minimum Support Price.	5	Chalk & Talk

UNIT - V			
5.1	Rural Indebtedness – Causes , Consequences.	4	E-Resources
5.2	Measures to Remove Rural Indebtedness	4	Chalk & Talk
5.3	NABARD, RIDF (Rural Infrastructure Development Fund), National Agricultural Insurance Scheme – Kisan Credit Card Scheme.	5	Discussion
Total		75	

Course Designer

Mr. A. Abdul Hameed

Assistant Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20UECC63	Environmental Economics	Core-XVII	75	4

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

Course Relevance	
Local	
Regional	
National	
Global	✓

Preamble

To create awareness about the importance of nature and its resources and to understand the relationship between Environment and Economy

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	Explain the relationship between Environment and Economy	K1,K2
CO2	Develop the knowledge about market and market failure	K1,K2,K3
CO3	Develop the knowledge about Resources and its conservation methods	K1,K2,K3
CO4	Identify the problems of environmental pollution	K1,K2,K3
CO5	Develop the knowledge about the importance of environmental Education and its law	K1,K2,K3

K1-Knowledge

K2-Understand

K3-Apply

Mapping of CO with PO

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

1-Low

2-Medium

3-Strong

Mapping of CO with PSO

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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

13 Hours

The Environment and Economy: Environment: Meaning – Definition- Importance – Environmental Economics: Meaning –Definition- Scope and Significance of Environmental Economics – Relationship between Environment and Economics – Transformation Curve – Tragedy of Commons

UNIT II

13 Hours

Market Failure and Theories of Environmental Economics: Market failure: Meaning – Causes – Externality: Meaning – Types – Perfect Competition and Externality - Imperfect Competition and Externality

UNIT III

17 Hours

Resources and its Conservation: Resource – Meaning – Energy – Meaning – Types (Renewable and Non-renewable Resources– Conventional and Non-conventional Resources)- Conservation of resources – Meaning – Methods of Conservation – Material Substitution, Product Life Extension and Recycling Methods

UNIT IV

15 Hours

Environmental Pollution: Pollution – Meaning – Sources - Impacts of Air, Water, Land and Noise Pollution - Pollution Control Measures - Deforestation and its impacts on Environment

UNIT V

17 Hours

Environmental Education and Law: Environmental Education – Meaning – Objectives – Education Through Environmental Movements – CHIPKO Movement – APPIKO Movement – Save the Silent Valley Movement – Save Narmada Movement – The Environmental Protection Act 1986.

Text Books

S.Sankaran, *Environmental Economics*, Margham Publications, Chennai, 2019
Karpagam, *Environmental Economics*, Sterling Publishers, Noida, 2019

Reference Books

Dr.N.Mani, *Environomics*, New Century Publications, Chennai,2020

T.Eugine, *Environmental Economics*,Virunda Publications, New Delhi,2005

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	Environment- Meaning, Definition and Importance	2	Chalk & Talk
1.2	Environmental Economics – Meaning and Definition	2	Chalk & Talk
1.3	Scope and Significance of Environmental Economics	2	Chalk & Talk
1.4	Relationship between Environment and Economics	3	Chalk & Talk
1.5	Transformation Curve	2	Chalk & Talk
1.6	Tragedy of Commons	2	PPT
UNIT - II			
2.1	Meaning and Causes of Market failure	3	Chalk & Talk
2.2	Externality – Meaning – Types	3	Chalk & Talk
2.3	Perfect Competition and Externality	4	Chalk & Talk
2.4	Imperfect Competition and Externality	3	Chalk & Talk
UNIT - III			
3.1	Meaning of Resource and Energy	2	Chalk & Talk
3.2	Types-Renewable and Non-renewable Resources	3	Chalk & Talk
3.3	Conventional and Non-conventional Resources	3	PPT
3.4	Conservation of resources – Meaning –	1	Chalk & Talk
3.5	Methods of Conservation – Material Substitution	3	Chalk & Talk
3.6	Product Life Extension	3	Chalk & Talk
3.7	Re-cycling Methods	2	Chalk & Talk

UNIT - IV			
4.1	Pollution – Meaning – Sources	3	Chalk & Talk
4.2	Impacts of Air, Water, Land and Noise Pollution	6	PPT
4.3	Pollution Control Measures	3	Chalk & Talk
4.4	De-forestation and its impacts on Environment	3	Chalk & Talk
UNIT - V			
5.1	Environmental Education – Meaning – Objectives	3	Chalk & Talk
5.2	Education Through Environmental Movements – CHIPKO Movement – APPIKO Movement	6	Chalk & Talk
5.3	Save the Silent Valley Movement	3	Chalk & Talk
5.4	Save Narmada Movement	3	Chalk & Talk
5.5	The Environmental Protection Act 1986.	2	Chalk & Talk
Total		75	

Course Designer

Dr. K. Abdul Rahim

Associate Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20UECC64	Labour Economics	Core- XVIII	60	4

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

Course Relevance	
Local	
Regional	
National	
Global	✓

Preamble

Expose the students to theoretical as well as empirical issues relating to the labour market with the issues related to Industrial Relations and Labour Welfare with special reference to India.

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	Expose the theoretical issues of labour market	K1
CO2	Make student understand the wage theories	K2
CO3	Know about the origin of labour movement	K1, K2
CO4	Understand the efforts made in solving industrial disputes	K2, K3
CO5	Imbibe the latest developments of Social Security Measures in India	K1, K3

K1-Knowledge

K2-Understand

K3-Apply

Mapping of CO with PO

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

1-Low

2-Medium

3-Strong

Mapping of CO with PSO

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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

13 Hours

Introduction: Meaning of Labour- Characteristic features of Labour- Migration: meaning- Causes and effects of Migration –Causes of Absenteeism – Causes of Turn Over.

UNIT II

10 Hours

Wage: Definitions – Money Wage and Real wage– Factors affecting Real Wage-Theories of wages: Classical, Marginal Productivity Theory and Loanable Fund Theory of wage – Wage differentials.

UNIT III

16 Hours

Trade Unionism: Meaning and objectives of Trade Union- Trade Union Movement in India- Functions of Trade Union - Problems and drawbacks of Trade Union- Measures to strengthen the Trade Union Movement

UNIT IV

13 Hours

Industrial Disputes: Meaning - Causes and Effects of Industrial Disputes - Prevention of industrial disputes: Joint Management Council, Code of Discipline - Machinery for settling the industrial disputes in India : Works Committee, Conciliation Officer, Board of Conciliation, Court of Enquiry, Labour Court and Industrial Tribunals – Collective Bargaining – Methods of Collective Bargaining.

UNIT V

8 Hours

Labour Welfare: Meaning and Need for Social Security Measures - Social Assistance and Social Insurance – Second National Commission on Labour, ILO, Establishment of ILO, Aims and objectives of ILO, Impact of ILO on India.

Text Books

Venkata Ratnam C.S. *Globalisation and Labour Management Relations;*

Dynamics of Change, Sage Publications, Response Books, New Delhi, 2001.

Hajela, P.D. *Labour Restructuring in India: A Critique of the New Economic Policies*, Commonwealth Publishers, New Delhi, 1998.

Reference Books

Datt, G. *Bargaining Power, Wages and Employment: An Analysis of Agricultural Labour Markets in India*, Sage Publications, New Delhi, 1996.
Jhabvala, R. and R.K. Subrahmanya (Eds.) *The Unorganised Sector: Work Security and Social Protection*, 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	Meaning and Characteristic Features of Labour	4	Chalk & Talk
1.2	Causes and Effects of Migration	3	Chalk & Talk
1.3	Causes of Absenteeism	3	Chalk & Talk
1.4	Causes of Turn Over.	3	PPT
UNIT - II			
2.1	Money Wage and Real wage	2	Chalk & Talk
2.2	Factors Affecting Real Wage	2	Chalk & Talk
2.3	Classical, Marginal Productivity Theory	2	PPT
2.4	Lonable Fund Theory of wage	2	PPT
2.5	Wage differentials.	2	Chalk & Talk
UNIT - III			
3.1	Meaning and Objectives of Trade Union	3	Chalk & Talk
3.2	Trade Union Movement in India	3	PPT
3.3	Functions of Trade Union	3	Chalk & Talk
3.4	Problems and drawbacks of Trade Union	4	Chalk & Talk
3.5	Measures to strengthen the Trade Union Movement	3	PPT
UNIT - IV			
4.1	Meaning, Causes and Effects of Industrial Disputes	4	PPT
4.2	Prevention of Industrial Disputes	3	PPT
4.3	Machinery for settling the Industrial Disputes in India	3	PPT

4.4	Methods of Collective Bargaining	3	Chalk & Talk
UNIT - V			
5.1	Meaning and Need for Social Security Measures	2	Chalk & Talk
5.2	Social Assistance and Social Insurance	2	PPT
5.3	Second National Commission on Labour	2	PPT
5.4	International Labour Organisation	2	Chalk & Talk
Total		60	

Course Designer

Dr. G. Ramanan

Associate Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20UECC65	Managerial Economics	Core -XIX	75	5

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

Course Relevance	
Local	
Regional	
National	✓
Global	

Preamble

To make the students understand about the aspects of managerial economics

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	Instil the fundamentals, basic concepts and elements in Managerial Economics.	K1, K2
CO2	Understand the attributes about the firm and demand Forecasting	K2
CO3	Learn the cost concepts and pricing methods	K1, K2
CO4	Know about the Methods of production and Laws of Returns	K1,K2,K3
CO5	Understand the Profit related aspects and Theories	K1,K2,K3

K1-Knowledge

K2-Understand

K3-Apply

Mapping of CO with PO

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

1-low

2-Medium

3-Strong

Mapping of CO with PSO

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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

15 Hours

Meaning – Definitions of Managerial Economics – Nature and Scope – Economics and Managerial Economics – Fundamental Concepts in Managerial Economics – Role and Responsibilities of a Managerial Economist.

UNIT II

15 Hours

Theory of Firm-Firm and Industry – Objectives of a Modern Business Firm – Demand forecasting – Meaning – Objectives – Purpose of demand forecasting - Methods of Demand Forecasting – Established Products and New Products – Features of a Good Demand Forecasting Method

UNIT III

15 Hours

Cost of Production – Meaning – Types of Cost of Production – Cost Control- Pricing - Meaning – Methods of Pricing – Full Cost Pricing – Marginal Cost Pricing – Going Rate Pricing, Customary Pricing, Peak Load Pricing, Skimming Pricing, Penetrating Pricing – Differential Pricing.

UNIT IV

15 Hours

Production-Meaning – Types of Production – Laws of Returns – Laws of Returns to Scale – Industrial Productivity – Factors Influencing Industrial Productivity.

UNIT V

15 Hours

Profit – Meaning – Gross Profit – Net Profit – Break Even Analysis – Theories of Profit – Risk Bearing Theory – Dynamic Theory – Innovation Theory.

Text Books

Dr. Mariya John Kennedy, *Managerial Economics*, VK Global Publications, Chennai, 2020

Dr.S. Sankaran, *Business Economics*, Margham Publications, Chennai, 2014, Xth edition.

Reference Books

Dr.Mittal, Dr.Agarwal, Managerial Economics, SanjeevPrakashan, New Delhi, 2019, VIIth 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 and Definitions of Managerial Economics	3	Chalk& Talk
1.2	Nature and scope of Managerial Economics	3	Discussion
1.3	Economics and Managerial Economics	2	Chalk& Talk
1.4	Concepts in Managerial Economics	2	Discussion
1.5	Economics and Managerial Economics	2	Chalk& Talk
1.6	Role and responsibilities of a managerial Economist	3	E-Resources
UNIT - II			
2.1	Firm and Industry	3	Chalk& Talk
2.2	Objectives of a Modern Business Firm	3	Discussion
2.3	Demand forecasting – Meaning	1	Chalk& Talk
2.4	Objectives of Demand Forecasting	2	Discussion
2.5	Purpose of Demand Forecasting	1	Chalk& Talk
2.6	Methods of Demand Forecasting	3	E-Resources
2.7	Features of a Good Demand Forecasting method.	2	Chalk& Talk
UNIT - III			
3.1	Meaning of Cost of Production	3	Chalk& Talk
3.2	Types of Cost of Production	3	Chalk& Talk
3.3	Cost Control	3	Chalk& Talk
3.4	Meaning of Pricing	2	E-Resources
3.5	Methods of Pricing	4	E-Resources

UNIT - IV			
4.1	Meaning of production	3	Chalk& Talk
4.2	Types of Production	3	Discussion
4.3	Laws of Returns	3	E-Resources
4.4	Laws of Returns to Scale	3	Discussion
4.5	Industrial Productivity – Factors Influencing Industrial Productivity.	3	Chalk& Talk
UNIT - V			
5.1	Meaning of Profit	3	Chalk& Talk
5.2	Concepts and Types of Profit	4	Discussion
5.3	Break Even Analysis	4	Chalk& Talk
5.4	Theories of Profit	4	E-Resources
Total		75	

Course Designer

Dr. N. Mohamed Sameem

Assistant Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20UECE61	Economics for Competitive Examinations	Elective- II	60	3

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

Course Relevance	
Local	
Regional	
National	✓
Global	

Preamble

Create awareness among economics students regarding competitive exams

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	Review major trends in economic indicators and policy in India	K1
CO2	Understand mechanics of government budget	K1
CO3	Understand the importance of Agriculture in Economic development	K1
CO4	Gain the basic knowledge on the Role of Banking sector	K1
CO5	Over view the balance of payments of a Country	K1

K1-Knowledge

K2-Understand

K3-Apply

Mapping of CO with PO

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

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	1	3	3
CO3	3	3	2	3	3
CO4	3	3	2	3	3
CO5	3	3	2	3	3

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

13 Hours

Indian Economy and Planning: Basic features of Indian Economy – Planning – Planning for Progress.

UNIT II

12 Hours

Public Finance: Budget – Fiscal Policy

UNIT III

12 Hours

Agriculture and Rural Development: Importance of Agriculture – Green Revolution – Agricultural Finance – Marketing – Rural Development Programmes.

UNIT IV

11 Hours

Currency and Banking: The Indian Currency System – The Reserve Bank of India – Commercial Banking – Financial Institutions

UNIT V

12 Hours

Foreign Trade: National Income – Foreign Trade and Balance of Payment

Text Books

C.S. Bedi and R.S. Aggarwal, *General Studies*, S. Chand & Co., New Delhi,
Alagh, Y.K *Indian Development Planning and Policy*, Vikas, New Delh, 1995
Dutt, Ruddar and K.P.M. Sundaram, *Indian Economy*, S. Chand & Co., New Delhi

Reference Books

Aggarwal R.S. Advanced Objective General Knowledge, S. Chand's& Co., New Delhi, 2021
Showick Thorpe, Concise General Knowledge, Pearson Education, New Delhi, 2021

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	Basic features of Indian Economy	4	Chalk & Talk
1.2	Planning	4	E-Resources
1.3	Planning for Progress.	5	Discussion
UNIT - II			
2.1	Budget	7	Discussion
2.2	Fiscal Policy	5	Chalk & Talk
UNIT - III			
3.1	Importance of Agriculture	2	E-Resources
3.2	Green Revolution	2	Chalk & Talk
3.3	Agricultural Finance	3	Discussion
3.4	Marketing	3	Chalk & Talk
3.5	Rural Development Programmes.	2	Discussion
UNIT - IV			
4.1	The Indian Currency System	4	Discussion
4.2	The Reserve Bank of India	3	E-Resources
4.3	Commercial Banking and Financial Institutions	4	Chalk & Talk
UNIT - V			
5.1	National Income	6	E-Resources
5.2	Foreign Trade and Balance of Payment	6	Chalk & Talk
Total		60	

Course Designer

Mr. M. Nizam Mydeen

Assistant Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20UECE62	Issues in Indian Economy	Elective- II	60	3

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

Course Relevance	
Local	
Regional	
National	✓
Global	

Preamble

Familiarize the students with the major perspectives of Indian Economy with the magnitude of the contemporary issues and major trends in economic indicators at national level.

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	Build the basic knowledge on Indian Economy	K1, K2
CO2	Discuss the structure and change in variables.	K2
CO3	Understand the overall static and dynamic perspectives of the economy	K1, K2
CO4	Identify the current problems and policies relating to Indian economy.	K2, K3
CO5	Evaluate foreign trade MNC in the Indian economy.	K1, K3

K1-Knowledge

K2-Understand

K3-Apply

Mapping of CO with PO

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

1-Low

2-Medium

3-Strong

Mapping of CO with PSO

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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I

10 Hours

Issues in Growth: Development and Sustainability

UNIT II

12 Hours

Factors in Development: Capital Formation (physical and human);
Technology; Institutions

UNIT III

12 Hours

Population and Economic Development: Demographic Trends;
Urbanization

UNIT IV

13 Hours

Employment: Occupational Structure in the Organized and Unorganized
sectors; Open, Under and Disguised- Unemployment (rural and urban);
Employment Schemes and their Impact

UNIT V

13 Hours

Indian Development Experience: Critical Evaluation of Growth, Inequality
and Poverty - Pre- and Post- reform eras

Text Books

Agrawal, P. (ed.) *Sustaining high growth in India*, Cambridge University press, 2018.

Dutt, R., & Sundaram, K. P. M. *Indian Economy*, S Chand, New Delhi, 2008.

Kapila, U. *Economic development and policy in India*. Academic Foundation, 2009.

Reference Books

Mehrotra, S. *Realising the demographic dividend: Policies to achieve inclusive growth in India*. Cambridge University Press, 2015

Kapila, U. *Indian Economy: Performance and Policies*. Academic Foundation, 2009.

Jalan, B. *Indian Economy*. Penguin UK, 2004.

Pedagogy

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 and Sustainability	10	Chalk & Talk
UNIT - II			
2.1	Capital formation (physical and human); Technology; Institutions	5	Discussion
2.2	Capital Formation Technology	4	Chalk & Talk
2.3	Capital formation institutions	3	E-Resources
UNIT - III			
3.1	Demographic Trends	6	E-Resources
3.2	Urbanisation	6	Chalk & Talk
UNIT - IV			
4.1	Occupational Structure in the Organised and unorganised sectors	4	Discussion
4.2	Open, Under and Disguised Unemployment (Rural and Urban)	5	E-Resources
4.3	Employment Schemes and their Impact	4	Chalk & Talk
UNIT - V			
5.1	Critical Evaluation of Growth	4	E-Resources
5.2	Inequality and Poverty	5	Chalk & Talk
5.3	Pre- and Post- reform Eras	4	Discussion
Total		60	

Course Designer

Dr. G. Ramanan

Associate Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20UECE63	Research Methodology in Economics	Elective- II	60	3

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

Course Relevance	
Local	
Regional	
National	
Global	✓

Preamble

To encourage the Research Attitude among students and to educate the basic components of Research Methodology

Course Outcomes (CO)

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

No.	Course Outcome	Knowledge Level
CO1	Understand the various kinds of research, research process research designs and sampling.	K1,K2
CO2	Identify the research problems.	K1,K2,K3
CO3	Apply the basic knowledge on qualitative, quantitative scaling techniques.	K1,K2,K3
CO4	Organize the basic ideas of data analysis.	K1,K2,K3
CO5	Prepare the research reports.	K1,K2,K3

K1-Knowledge

K2-Understand

K3-Apply

Mapping of CO with PO

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

1-Low

2-Medium

3-Strong

Mapping of CO with PSO

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

1-Low

2-Medium

3-Strong

Syllabus

UNIT I 10 Hours

Introduction to Research: Meaning and Objectives of Research-
Identification of Research Problem

UNIT II 12 Hours

Sampling Design and Scaling Techniques: Criteria for Selecting a Sampling
Design- Different Types of Sample Designs.

UNIT III 12 Hours

Hypothesis to Research: Hypothesis: Meaning, Sources, Types,
Characteristics of a Good hypothesis.

UNIT IV 13 Hours

Sources of Data Collection: Primary Data and Secondary Data

UNIT V 13 Hours

Report Writing: Guidelines for Writing Research Reports.

Text Books

Kothari C.R *Research Methodology Methods & Techniques*. New Age
International, New Delhi.

Krishnaswami O R & Ranganathan. M, *Methodology of Research in Social
Sciences*, Himalaya Publishing house, 2010

Reference Books

Kurien, C.T *A Guide to Research in Economics*, Sangam Publisher, Chennai
Sharma, B.A.V *Research Methods in Social Sciences*. Sterling 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	Meaning and Objectives of Research	6	Chalk & Talk
1.2	Identification of Research Problem	4	Chalk & Talk
UNIT - II			
2.1	Criteria for Selecting a Sampling Design	7	Chalk & Talk
2.2	Different Types of Sample Designs	5	Chalk & Talk
UNIT - III			
3.1	Hypothesis: Meaning, Sources and Types	7	Chalk & Talk
3.2	Characteristics of a Good hypothesis.	5	Chalk & Talk
UNIT - IV			
4.1	Primary Data and Secondary Data	13	Chalk & Talk
UNIT - V			
5.1	Guidelines for Writing Research Reports.	13	Chalk & Talk
Total		60	

Course Designer

Dr. K. Abdul Rahim

Associate Professor of Economics

Course Code	Course Title	Category	Total Hours	Credits
20UECS61	Fundamentals of Computer - II	SBS - IV	30	2

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

Course Relevance	
Local	
Regional	
National	
Global	✓

Preamble

It helps to understand the computer concepts, functions and Operations of Computer and also to understand the role and use of computer

Syllabus

UNIT I

5 Hours

Introduction: Introduction to Access – Creating a Simple Data Base and Tables –Forms Objects of RDBMS.

UNIT II

6 Hours

Application of MS Access: Entering and Editing Data – Finding, Sorting and Displaying Data – Printing Reports, Forms, Letters and Labels.

UNIT III

8 Hours

MS Power Point: Basics of Power point – Power point Screen – Creating Presentation – Working with Text.

UNIT IV

6 Hours

MS Applications of Power Point: Saving and Closing a Presentation – Working with Slides, Working with graphics, Multimedia and Hyperlink.

UNIT V

5 Hours

E - Mail and Browsing: Introduction to E-Mail Concepts – Creating, Editing a Mail and Sending – E-mail – Advantages and Disadvantages.

Text Books

Subramanian, N., **Introduction to Computer**, McGraw Hill Education India
Xavier, C., **Introduction to Computer and BASIC Programming**, New Age International Publishers, New Delhi.

Reference Books

Ron Mansfield, **Working in Microsoft Office**, McGraw Hill Education India Publishers
Sanders, Donald. H, **Computer Today**, McGraw Hill Education India, 3rd 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	Introduction to Access	1	Chalk & Talk
1.2	Creating a Simple Database and Tables	2	E-Resources
1.3	Forms Objects of RDBMS.	2	Discussion
UNIT - II			
2.1	Entering and Editing Data: Finding , Sorting and Displaying Data	3	Discussion
2.2	Printing Reports ,Forms, Letters and Labels.	3	Chalk & Talk
UNIT - III			
3.1	Basics of Power point	2	E-Resources
3.2	Power point Screen	2	Chalk & Talk
3.3	Creating Presentation	2	Discussion
3.4	Working With Text.	2	Discussion
UNIT - IV			
4.1	Saving and Closing a Presentation	1	Discussion
4.2	Working with Slides and graphics,	2	E-Resources
4.3	Multimedia and Hyperlink.	3	Chalk & Talk
UNIT - V			
5.1	Introduction to E-Mail Concepts	2	E-Resources
5.2	Creating, Editing and Sending a Mail	1	Chalk & Talk
5.3	Advantages and Disadvantages of Mail	2	Discussion
Total		30	

Course Designer

Mr. M. Nizam Mydeen

Assistant Professor of Economics