B.A., ECONOMICS

Syllabus

Program Code: UEC

2021-2022 onwards

Eligibility for Admission

 Candidates who have passed +2 Examination conducted by the board of Higher Secondary Education, (Academic / Vocational) conducted by the Government of Tamil Nadu or any other state or its equivalent qualification.

Duration of the course

 The duration of the course shall be three academic years comprising six semesters with two semesters in each academic year.

Subjects of Study

 Part I : Tamil / Company Secretarial Practice and Modern Office Management
 Part II : English

 Part III :
  1. Core Subjects
  2. Allied Subjects
  3. Electives

 Part IV :
  1. Non Major Electives (II Year)
  2. Skill Based Subjects
  3. Environmental Studies - Mandatory Subject
  4. Value Education - Mandatory Subject

 Part V :
   Extension Activities

Pattern of the question paper for the Continuous Internal Assessment
Note: Duration – 1 hour
 (For Part I, Part II & Part III)

The components for continuous internal assessment are:
Part –A
Four multiple choice questions (answer all) 4 x01= 04 Marks
Part –B
Three short answers questions (answer all) 3 x02= 06 Marks
Part –C
Two questions ('either …. or 'type) 2 x 05=10 Marks
Part –D
Two questions out of three 1 x 10 =10 Marks

   Total 30 Marks

The scheme of Examination for Part-I, II & III

The components for continuous internal assessment are:

(60 Marks of two continuous internal assessments will be converted to 15 marks)

Two   tests and their average   --15 marks

Seminar /Group discussion   --5 marks

Assignment   --5 marks

        Total   25 Marks

Pattern of the question paper for the Summative Examinations:

Note: Duration- 3 hours

Part –A

Ten multiple choice questions   10 x01   = 10 Marks

No Unit shall be omitted: not more than two questions from each unit.)

Part –B

Short answer questions (one question from each unit)   5 x02   = 10 Marks

Part –C

Five Paragraph questions ('either …. or 'type)   5 x 05   = 25 Marks

(One question from each Unit)

Part –D

Three Essay questions out of five   3 x 10   =30 Marks

(One question from each Unit)

        Total   75 Marks

Part-IV- Skill Based Papers / NME:

The Scheme of Examination for Skill Based Papers: (Except Practical Lab Subjects)

Pattern of the questions paper for the continuous Internal Assessment

45 MCQs will be asked for each internal assessment tests (45 x 1=45 Marks**) and converted for 15 marks**

The components for continuous internal assessment are:

Two   tests and their average   --15 marks

Seminar /Group discussion   --5 marks

Assignment   --5 marks

        Total   25 Marks

Summative Examination Pattern

Pattern of the Question Paper for Skill Based Papers (External)

75 Multiple choice questions will be asked from five units (75 x 1=75 Marks)

     (15MCQ's from each unit)

Part-IV- Environmental Studies and Value Education

The Scheme of Examination (Environmental Studies and Value Education)

Two tests and their average	--15 marks
Project Report	--10 marks*****
Total	--25 marks

* The students as Individual or Group must visit a local area to document environmental assets – river / forest / grassland / hill / mountain – visit a local polluted site – urban / rural / industrial / agricultural – study of common plants, insects, birds – study of simple ecosystem – pond, river, hill slopes, etc.

Question Paper Pattern

(Internal Assessment)

Pattern of the Question Paper for Environmental Studies & Value Education only) (Internal)

45 MCQs will be asked for each internal assessment tests (45 x 1=45 Marks) **and converted for 15 marks**

Two tests and their average	--	15 marks
Project	--	10 marks

Total		25 Marks

Summative Examination Pattern

Pattern of the Question Paper for Environmental Studies & Value Education only) (External)

75 Multiple choice questions will be asked from five units (75 x 1=75 Marks) **(15MCQ's from each unit)**

Part V Extension Activities: (Maximum Marks: 100)
1. NCC
2. NSS
3. Physical Education
4. YRC
5. RRC
6. Health & Fitness Club
7. Eco Club
8. Human Rights Club

Pattern of the Question Paper for (Internal Examination & Summative Examination)

Internal Examinations   - - 40 Marks

Summative Examinations - - 60 Marks

_____

100

_____

Minimum Marks for a Pass

40% of the aggregate (Internal +Summative Examinations).

No separate pass minimum for the Internal Examinations.

27 marks out of 75 is the pass minimum for the Summative Examinations.

Mission

1. To provide curricula that promote critical thinking skills and enhance decision making abilities.

2. Providing quality instruction to students to prepare them for successful careers.

3. Maintain collegiate work environment

4. Interact with the greater community

5. Providing service to the College and greater community.

The 12 Graduate Attributes*:

1. (KB) A knowledge base for engineering: Demonstrated competence in university level mathematics, natural sciences, engineering fundamentals, and specialized engineering knowledge appropriate to the program.
2. (PA) Problem analysis: An ability to use appropriate knowledge and skills to identify, formulate, analyze, and solve complex engineering problems in order to reach substantiated conclusions
3. (Inv.) Investigation: An ability to conduct investigations of complex problems by methods that include appropriate experiments, analysis and interpretation of data and synthesis of information in order to reach valid conclusions.
4. (Des.) Design: An ability to design solutions for complex, open-ended engineering problems and to design systems, components or processes that meet specified needs with appropriate attention to health and safety risks, applicable standards, and economic, environmental, cultural and societal considerations.
5. (Tools) Use of engineering tools: An ability to create, select, apply, adapt, and extend appropriate techniques, resources, and modern engineering tools to a range of engineering activities, from simple to complex, with an understanding of the associated limitations.
6. (Team) Individual and teamwork: An ability to work effectively as a member and leader in teams, preferably in a multi-disciplinary setting.
7. (Comm.) Communication skills: An ability to communicate complex engineering concepts within the profession and with society at large. Such ability includes reading, writing, speaking and listening, and the ability to comprehend and write effective reports and design documentation, and to give and effectively respond to clear instructions.

8. (Prof.) Professionalism: An understanding of the roles and responsibilities of the professional engineer in society, especially the primary role of protection of the public and the public interest.
9. (Impacts) Impact of engineering on society and the environment: An ability to analyze social and environmental aspects of engineering activities. Such ability includes an understanding of the interactions that engineering has with the economic, social, health, safety, legal, and cultural aspects of society, the uncertainties in the prediction of such interactions; and the concepts of sustainable design and development and environmental stewardship.
10. (Ethics) Ethics and equity: An ability to apply professional ethics, accountability, and equity.
11. (Econ.) Economics and project management: An ability to appropriately incorporate economics and business practices including project, risk, and change management into the practice of engineering and to understand their limitations.
12. (LL) Life-long learning: An ability to identify and to address their own educational needs in a changing world in ways sufficient to maintain their competence and to allow them to contribute to the advancement of knowledge

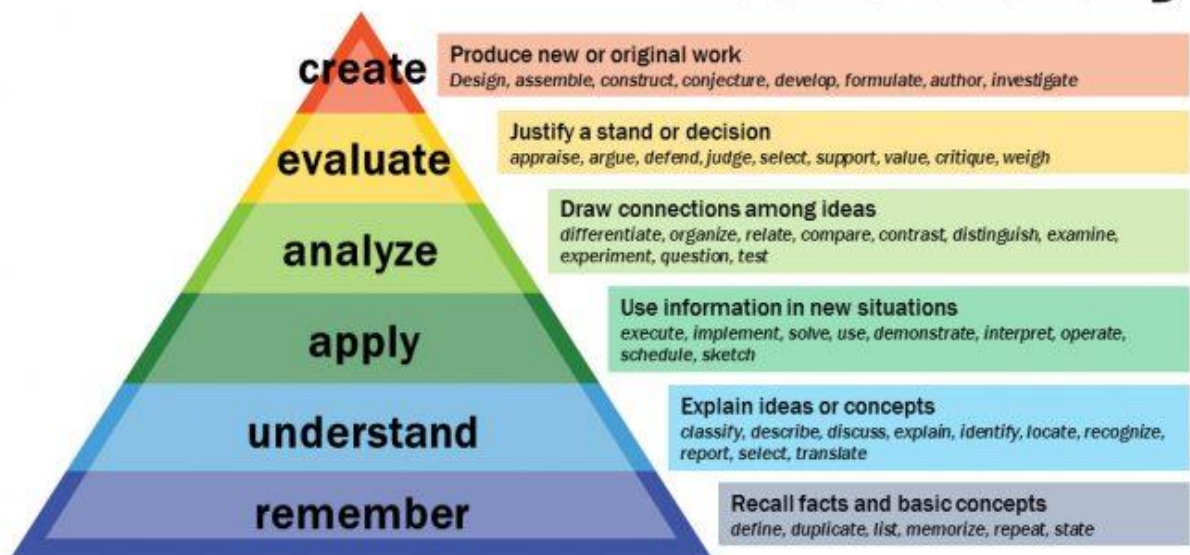| WA	Graduate Attributes	Caption as
1	A knowledge base for engineering: Demonstrated competence in university level mathematics, natural sciences, engineering fundamentals, and specialized engineering knowledge appropriate to the program.	Knowledge Base
2	Problem analysis: An ability to use appropriate knowledge and skills to identify, formulate, analyze, and solve complex engineering problems in order to reach substantiated conclusions	Problem Analysis
5	Use of engineering tools: An ability to create, select, apply, adapt, and extend appropriate techniques, resources, and modern engineering tools to a range of engineering activities, from simple to complex, with an understanding of the associated limitations.	Tools
7	Communication skills: An ability to communicate complex engineering concepts within the profession and with society at large. Such ability includes reading, writing, speaking and listening, and the ability to comprehend and write effective reports and design documentation, and to give and effectively respond to clear instructions.	Communications Skills
10	Ethics and equity: An ability to apply professional ethics, accountability, and equity.	Ethics and Equity
11	Understand the impact of the professional economics solutions in society, Environmental context and National planning.	Economics and Project Management

PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)	
PEO1:	Graduates will apply knowledge of economic theories and analytical skills to solve socio-economic problems of the society.
PEO2:	Pursue successful career as Economists, Statistical Investigators and Economic Advisors.
PEO3:	Demonstrate lifelong learning in the field of economics by doing higher studies and updating of knowledge and skills.
PEO4:	Contribute to promoting environmental sustainability and social inclusivity.
PEO5:	Work towards achieving economic and social equity for women through application of relevant knowledge.
PEO6:	Graduates can get updated Knowledge domain and apply the concepts for life long learning

PO NO	PROGRAMME OUTCOMES (POs)	
At the end of the programme, the students will be able to		
PO – 1	Integrate the academic abilities and expertise gained from the study of humanities and arts and other similar fields, and gains requisite scope and breadth for a transdisciplinary context.	**Knowledge Base**
PO – 2	Demonstrate proficiency in the use of effective disciplinary techniques in research, critical study, artistic work and professional performance.	**Problem Analysis & Investigation**
PO – 3	Communicate observations, recommendations and suggestions effectively, concisely and accurately, both verbally and in writing, to various types of audiences.	**Communication Skills & Design**
PO - 4	Articulate and apply principles, concepts, ethics and ideals resulting from an integrated view of their fields of research and to show knowledge and resolution of existing social and environmental issues.	**Individual and Team Work**
PO - 5	Apply professional ethics, accountability and equity in all their endeavours.	**Professionalism, Ethics and Equity**
PO - 6	Use new tools, resources and technology to keep abreast with current developments in their discipline and practice life-long learning.	**Lifelong learning**

PROGRAM SPECIFIC OUTCOME (PSOs)	
PSO1:	Gain specialized knowledge of economic theories and methodologies in facing the diverse challenges of competitive business environment.
PSO2:	Identify the contributions of the notable economic thinkers and their relevance to current methodological developments.
PSO3:	Demonstrate knowledge on the determinants of macro economic conditions, interaction of monetary and fiscal operations, business policies and strategies in economic development.
PSO4:	Designed to meet the growing needin the field of economics and business using quantitativetechniques.
PSO5:	Understand how the economic institutions work by applying economic principles and thereby enhance entrepreneurial skills and acquire career opportunities.
PSO6:	Develop knowledge on application of mathematical and statistical tools used for interpretation of economic concepts.

Bloom's Taxonomy

create — Produce new or original work
Design, assemble, construct, conjecture, develop, formulate, author, investigate

evaluate — Justify a stand or decision
appraise, argue, defend, judge, select, support, value, critique, weigh

analyze — Draw connections among ideas
differentiate, organize, relate, compare, contrast, distinguish, examine, experiment, question, test

apply — Use information in new situations
execute, implement, solve, use, demonstrate, interpret, operate, schedule, sketch

understand — Explain ideas or concepts
classify, describe, discuss, explain, identify, locate, recognize, report, select, translate

remember — Recall facts and basic concepts
define, duplicate, list, memorize, repeat, state

Vanderbilt University Center for Teaching

MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS), MADURAI
ECONOMICS CURRICULUM

(For the students admitted from the academic year 2021-2022 onwards)

Course Code	Title of the Course	Hrs	Credits	Maximum Marks		
				Int	Ext	Total
FIRST SEMESTER						
Part – I	**Tamil / Alternative Course**					
21UTAG11	இக்காலக் கவிதையும் நாடகமும்	6	3	25	75	100
Part – II	**English**					
21UENG11	Communicative English - I	6	3	25	75	100
Part - III	**Core Courses**					
21UECC11	Micro Economics-I	5	5	25	75	100
21UECC12	Statistical Methods-I	4	4	25	75	100
Part - III	**Allied Course**					
21UCOA11	Business Accounting-I	5	4	25	75	100
Part IV	**Skill Based Course**					
21UECS11	Economics of Advertising	2	2	25	75	100
Part IV	**Mandatory Course**					
21UEVG11	Environmental Studies	2	2	25	75	100
	Total	**30**	**23**	**175**	**525**	**700**
SECOND SEMESTER						
Part – I	**Tamil / Alternative Course**					
21UTAG21	இடைக்கால இலக்கியமும் சிறுகதையும்	6	3	25	75	100
Part – II	**English**					
21UENG21	Communicative English - II	6	3	25	75	100
Part - III	**Core Courses**					
21UECC21	Micro Economics-II	5	5	25	75	100
21UECC22	Statistical Methods-II	4	4	25	75	100
Part III	**Allied Course**					
21UCOA21	Business Accounting-II	5	4	25	75	100
Part IV	**Skill Based Course**					
21UECS21	Personality Development	2	2	25	75	100
Part IV	**Mandatory Course**					
21UVLG21	Value Education	2	2	25	75	100
	Total	**30**	**23**	**175**	**525**	**700**

THIRD SEMESTER						
Part – I	**Tamil / Alternative Course**					
21UTAG31	காப்பிய இலக்கியமும் உரைநடையும்	6	3	25	75	100
Part – II	**English**					
21UENG31	Communicative English - III	6	3	25	75	100
Part - III	**Core Courses**					
21UECC31	Monetary Economics	5	5	25	75	100
21UECC32	Mathematical Methods-I	4	4	25	75	100
Part III	**Allied Course**					
21UECA31	History of Economic Thought	5	4	25	75	100
Part IV	**Skill Based Course**					
21UECS31	Basics of Share Market	2	2	25	75	100
Part IV	**Non Major Elective Course**					
21UECN31	Fundamentals of Economics	2	2	25	75	100
	Total	**30**	**23**	**175**	**525**	**700**
FOURTH SEMESTER						
Part – I	**Tamil / Alternative Course**					
21UTAG41	பண்டைய இலக்கியமும் புதினமும்	6	3	25	75	100
Part – II	**English**					
21UENG41	Communicative English - IV	6	3	25	75	100
Part - III	**Core Courses**					
21UECC41	International Economics	5	4	25	75	100
21UECC42	Mathematical Methods-II	4	4	25	75	100
Part III	**Allied Course**					
21UECA41	Gender Economics	5	4	25	75	100
Part IV	**Skill Based Course**					
21UECS41	Economics for Competitive Examinations	2	2	25	75	100
Part IV	**Non Major Elective Course**					
21UECN41	Budgetary Analysis	2	2	25	75	100
Part V	**Extension Activities**					
21UEAG40 - 21UEAG44	NSS, NCC, YRC	-	1	40	60	100
	Total	**30**	**23**	**215**	**585**	**800**

FIFTH SEMESTER						
Part - III	**Core Courses**					
21UECC51	Macro Economics-I	6	4	25	75	100
21UECC52	Fiscal Economics	6	4	25	75	100
21UECC53	Research Methodology	6	4	25	75	100
Part III	**Core Elective**					
21UECE51	Agricultural Economics	5	5	25	75	100
21UECE54	Labour Economics	5	5	25	75	100
Part IV	**Skill Based Course**					
21UECSP1	Data Analysis Using Spreadsheet (Practical)	2	2	40	60	100
	Total	**30**	**24**	**165**	**435**	**600**
SIXTH SEMESTER						
Part - III	**Core Courses**					
21UECC61	Macro Economics-II	6	4	25	75	100
21UECC62	Indian Economy	6	4	25	75	100
21UECPR1	Project and Viva - Voce	6	4	40	60	100
Part III	**Core Elective Courses**					
21UECE61	Entrepreneurship Development	5	5	25	75	100
21UECE64	Population Studies	5	5	25	75	100
Part IV	**Skill Based Course**					
21UECS61	Livestock Economics	2	2	25	75	100
	Total	**30**	**24**	**165**	**435**	**600**
	Grand Total	**180**	**140**	**1070**	**3030**	**4100**

FIRST SEMESTER

MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS)
DEPARTMENT OF ECONOMICS
(For those who joined in 2021-2022 and after)

Course Name	Micro Economics-I			
Course Code	**21UECC11**	**L**	**P**	**C**
Category	**Core**	5	-	5
Nature of course:	EMPLOYABILITY	**SKILL ORIENTED**	✔ ENTREPRENEURSHIP	

Course Objectives:

1. To introduce definition and basic concepts of economics.
2. To make familiar the students about demand and supply concepts.
3. To enable the students to understand the concept of elasticity of demand.
4. To teach the students about the cardinal, ordinal approaches.
5. To provide knowledge about consumer behavior in utility approach.

Unit: I	**DEFINITIONS AND BASIC CONCEPTS OF ECONOMICS**	**15**

Wealth – Welfare – Scarcity – Growth Definitions – Scope– Positive and Normative Science – Deductive and Inductive Methods – Static and dynamic concepts – Difference between Micro and Macro Economics – Basic concepts: Goods – Utility – Wants- Income – Price – Market - Value (Meaning only).

Unit: II	**CARDINAL UTILITY ANALYSIS**	**15**

Cardinal Utility: Meaning - Law of Diminishing Marginal Utility – Causes for Diminishing Marginal Utility – Law of Equi-Marginal Utility – Consumer's Surplus.

Unit: III	**ORDINAL UTILITY ANALYSIS**	**15**

Ordinal Utility: Meaning - Indifference Curve - Properties –Marginal Rate of Substitutions – Consumer Equilibrium – Types of Goods (Superior, Inferior and Giffen Goods only) – The Giffen Paradox – Price, Income and Substitution Effects.

Unit: IV	**DEMAND AND SUPPLY THEORY**	**15**

Demand: Meaning – Demand Schedule − Demand Curve – Types of Demand – Determinants of Demand – Law of Demand – Causes of Downward Sloping Demand Curve — Exceptions to the Law of Demand – Supply: Meaning – Determinants of Supply – Law of Supply — Exceptions to the Law of Supply.

Unit: V	**ELASTICITY OF DEMAND**	**15**

Meaning – Definition- Types – Degrees of Price Elasticity of Demand – Factors Determining Elasticity of demand – Methods of Measuring Elasticity of Demand – Uses of Elasticity of Demand.

	Total Lecture Hours	**75 Hrs**

Books for Study:

1. M.L Seth, Micro Economics, Lakshmi Narain Agarwal Education Publishers, Agra, Seventeenth Revised Edition, 2001.
2. M.L.Jhingan, Micro Economic Theory, Brinda Publications (P) Ltd, Delhi 2007.
3. M .John Kennedy, Micro Economics, Himalaya Publishing House, Mumbai, 2010.

Books for References:

1. D. Salvatore, Micro Economics: Theory and Applications, Oxford University Press, Oxford, Fifth Edition, 2008.
2. A. Koutsoyiannis, Modern Micro Economics, Macmillan, 2015.

3. P.N.Chopra, Principles of Economics, Kalyani Publications, 2012.	
Web Resources:	
www.khanacademy.org	
Course Outcomes	**K Level**
CO1: Comprehend the basic concepts of Economics.	**Up to K2**
CO2: Secure knowledge on cardinal approach of Economics.	**Up to K3**
CO3: Familiarise on ordinal utilityanalysis.	**Up to K3**
CO4: Acquire Knowledge on demand and supply.	**Up to K4**
CO5: Analyse the concept of elasticity of demand and its practicality.	**Up to K4**

CO & PO Mapping:

COS	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6
CO 1	**3**	**2**	**2**	**1**	**2**	**2**
CO 2	**3**	**3**	**1**	**2**	**2**	**3**
CO 3	**3**	**3**	**2**	**2**	**2**	**2**
CO 4	**3**	**3**	**2**	**3**	**2**	**3**
CO 5	**3**	**3**	**2**	**3**	**3**	**2**

*3 – Advanced Application; **2 –** Intermediate Development; **1 -** Introductory Level

LESSON PLAN

UNIT	SUBJECT NAME Micro Economics I	Hrs	Pedagogy
I	**DEFINITIONS AND BASIC CONCEPTS OF ECONOMICS** Wealth – Welfare – Scarcity – Growth Definitions – Scope Positive and Normative Science – Deductive and Inductive Methods – Static and dynamic concepts – Difference between Micro and Macro Economics Basic concepts: Goods – Utility – Wants- Income – Price – Market - Value (Meaning only).	5 6 4	Chalk &talk,ppt
II	**CARDINAL UTILITY ANALYSIS** Cardinal Utility: Meaning - Law of Diminishing Marginal Utility Causes for Diminishing Marginal Utility – Law of Equi-Marginal Utility – Consumer's Surplus.	6 5 4	Chalk &Talk,ppt, Discussion
III	**ORDINAL UTILITY ANALYSIS** Ordinal Utility: Meaning - Indifference Curve - Properties –Marginal Rate of Substitutions – Consumer Equilibrium – Types of Goods (Superior, Inferior and Giffen Goods only) – The Giffen Paradox – Price, Income and Substitution Effects.	6 3 6	Assignment
IV	**DEMAND AND SUPPLY THEORY** Demand: Meaning – Demand Schedule − Demand Curve – Types of Demand – Determinants of Demand. Law of Demand – Causes of Downward Sloping Demand Curve — Exceptions to the Law of Demand – Supply: Meaning – Determinants of Supply – Law of Supply — Exceptions to the Law of Supply.	4 6 5	Chalk &Talk,ppt,
V	**ELASTICITY OF DEMAND** Meaning – Definition- Types Degrees of Price Elasticity of Demand – Factors Determining Elasticity of demand – Methods of Measuring Elasticity of Demand – Uses of Elasticity of Demand.	4 7 4	Chalk &Talk, Exercise

Course Designed by: Dr. S. Vishnu Subha, Assistant Professor of Economics, MTNC.

&

Dr. R.Alagesan, Assistant Professor of Economics, MTNC.

Learning Outcome Based Education & Assessment (LOBE) Formative Examination - Blue Print Articulation Mapping – K Levels with Course Outcomes (COs)								
Inte rnal	Cos	K Level	Section A		Section B		Section C Either or Choice	Section D Open Choice
			MCQs		Short Answers			
			No. of. Questions	K - Level	No. of. Questions	K - Level		
CI AI	CO1	Up to K2	2	K1,K2	1	K1	2	1
	CO2	Up to K2	2	K1,K2	2	K2	2	1
CI AII	CO4	Up to K4	2	K1,K2	1	K1	2	1
	CO5	Up to K4	2	K1,K2	2	K2	2	1
Question Pattern CIA I & II	No. of Questions to be asked	4		3		4	2
	No. of Questions to be answered	4		3		2	1
	Marks for each question	1		2		5	10
	Total Marks for each section	4		6		10	10

Distribution of Marks with K Level CIA I & CIA II								
	K Level	Section A (Multiple Choice Questions)	Section B (Short Answer Questions)	Section C (Either / Or Choice)	Section D (Open Choice)	Total Marks	% of (Marks without choice)	Consolidate of %
CIA I	K1	2	2	-	-	4	8	60
	K2	2	4	10	10	26	52	
	K3	-	-	10	10	20	40	40
	K4	-	-	-	-			
	Marks	4	6	20	20	50	100	100
CIA II	K1	2	2			4	8	40
	K2	2	4	10		16	32	
	K3			10	10	20	40	40
	K4				10	10	20	20
	Marks	4	6	20	20	50	100	100

K1- Remembering and recalling facts with specific answers

K2- Basic understanding of facts and stating main ideas with general answers

K3- Application oriented- Solving Problems

K4- Examining, analyzing, presentation and make inferences with evidences

CO3 will be allotted for individual Assignment which carries five marks as part of CIA component.

Summative Examination – Blue Print Articulation Mapping – K Level with Course Outcomes (COs)								
S.No	COs	K - Level	MCQs		Short Answers		Section C (Either / or Choice)	Section D (Open Choice)
			No. of Questions	K – Level	No. of Question	K – Level		
1	CO1	**Up to K2**	**2**	**K1&K2**	**1**	**K1**	**2(K1&K1)**	**1(K2&K2)**
2	CO2	**Up to K3**	**2**	**K1&K2**	**1**	**K2**	**2(K2&K2)**	**1(K3&K3)**
3	CO3	**Up to K3**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K3&K3)**
4	CO4	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K4&K4)**
5	CO5	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K4&K4)**	**1(K3&K3)**
No. of Questions to be Asked			**10**		**5**		**10**	**5**
No.of Questions to be answered			**10**		**5**		**5**	**3**
Marks for each question			**1**		**2**		**5**	**10**
Total Marks for each section			**10**		**10**		**25**	**30**
(Figures in parenthesis denotes, questions should be asked with the given K level)								

Distribution of Marks with K Level							
K Level	Section A (Multiple Choice Questions)	Section B (Short Answer Questions)	Section C (Either/ or Choice)	Section D (Open Choice)	Total Marks	% of (Marks without choice)	Consolidated %
K1	5	2	10		17	14.16	
K2	5	8	10	10	33	27.5	41.66
K3			20	30	50	41.66	41.66
K4			10	10	20	16.66	16.66
Marks	10	10	50	50	120	100	100
NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels.							

Summative Examinations - Question Paper – Format

Section A (Multiple Choice Questions)
Answer All Questions   **(10x1=10 marks)**

Q.No	CO	K Level	Questions
1	CO1	K1	
2	CO1	K2	
3	CO2	K1	
4	CO2	K2	
5	CO3	K1	
6	CO3	K2	
7	CO4	K1	
8	CO4	K2	
9	CO5	K1	
10	CO5	K2	

Section B (Short Answers)
Answer All Questions   **(5x2=10 marks)**

Q.No	CO	K Level	Questions
11	CO1	K1	
12	CO2	K1	
13	CO3	K2	
14	CO4	K2	
15	CO5	K2	

Section C (Either/Or Type)
Answer All Questions   **(5 x 5 = 25 marks)**

Q.No	CO	K Level	Questions
16) a	CO1	K2	
16) b	CO1	K2	
17) a	CO2	K2	
17) b	CO2	K2	
18) a	CO3	K3	
18) b	CO3	K3	
19) a	CO4	K3	
19) b	CO4	K3	
20) a	CO5	K3	
20) b	CO5	K3	

NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels

Section D (Open Choice)
Answer Any Three questions   **(3x10=30 marks)**

Q.No	CO	K Level	Questions
21	**CO1**	**K2**	
22	**CO2**	**K3**	
23	**CO3**	**K3**	
24	**CO4**	**K4**	
25	**CO5**	**K4**	

MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS)
DEPARTMENT OF ECONOMICS
(For those who joined in 2021-2022 and after)

Course Name	Statistical Methods-I			
Course Code	21UECC12	L	P	C
Category	Core	4	-	4
Nature of course:	EMPLOYABILITY SKILL ORIENTED ✓ ENTREPRENEURSHIP			

Course Objectives:

1. To make the students to understand the scope of statistics.
2. To make familiar with classification and tabulation of data.
3. To enable the students to work out mathematical and positional averages.
4. To motivate the students to exercise different measures of dispersion.
5. To provide practical knowledge on the concept skewness.

Unit: I	Nature and Scope of Statistics	12

Statistics: Meaning – Definition – Scope – Functions – Limitations – Primary and Secondary Data : Meaning – Methods of Collecting Primary Data – Sources of Secondary Data – Precautions in using secondary data.

Unit: II	Classification, Tabulation and diagram	12

Classification: Meaning – Objectives – Rules - Types – Tabulation of Data: Meaning – Objectives - Difference between Classification and Tabulation – Parts of Table – Types of Tables. Diagram: Meaning – Types of Diagram.

Unit: III	Averages	12

Average: Meaning – Functions – Requisites of a Good Average – Types of Average: Arithmetic Mean, Median, Mode, Geometric mean, Harmonic mean – Comparison of Averages.

Unit: IV	Measures of Dispersion	12

Dispersion: Meaning – Concept of variation -Significance of Measuring Variation – Methods of Studying Variation: Range, Quartile Deviation, Mean Deviation, Standard Deviation, Lorenz Curve – Coefficient of variations

Unit: V	Skewness	12

Skewness: Meaning –Difference between Dispersion and Skewness – Measures of Asymmetry: Absolute Measure – Relative Measures - Karl Pearson's Co-efficient – Bowley's Co-efficient – Kurtosis; Meaning and Types (Theory only)

		Total Lecture Hours	60 Hrs

Books for Study:

1. S.P.Gupta, Statistical Methods, Sultan Chand and Sons, New Delhi, Reprinted,2015.
2. R.S.N.Pillai and Bagawathi, Statistics, S.Chand and Co, New Delhi,2015.

Books for References:

1. S.C.Gupta, Fundamentals of Statistics, Himalaya Publishing House, New Delhi,2016.
2. D.P. Elhance, Statistical Methods, Kitab Mahal, Agra,2012.

Web Resources:

www.real-statistics.com

Course Outcomes	K Level

CO1:	understand the scope of statistics and types of data.	Up to K2
CO2:	classify and tabulate data.	Up to K3
CO3:	work out the mathematical and positional averages.	Up to K4
CO4:	exercise different measures of dispersion.	Up to K4
CO5:	reckon the coefficient of skewness.	Up to K3

CO & PO Mapping:

COS	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6
CO 1	3	3	1	2	2	3
CO 2	3	3	2	2	2	3
CO 3	3	3	1	2	2	3
CO 4	3	2	3	2	2	3
CO 5	3	3	2	2	2	3

*3 – Advanced Application; **2 –** Intermediate Development; **1 -** Introductory Level

LESSON PLAN

UNIT	SUBJECT NAME - Statistical Analysis-I	Hrs	Pedagogy
I	Statistics: Meaning – Definition – Scope – Functions – Limitations	4	Chalk &talk,ppt
	Primary and Secondary Data : Meaning – Methods of Collecting Primary Data	4	
	Sources of Secondary Data – Precautions in using secondary data.	4	
II	Classification	4	Chalk &Talk
	Tabulation	4	
	Diagram	4	
III	Average: Meaning-Functions-Requisites	1	Chalk &Talk
	AM, HM, GM	7	
	Median Mode	4	
IV	Dispersion: Meaning – Concept of variation -Significance of Measuring Variation.	3	Chalk &Talk,ppt,
	Methods of Studying Variation: Range, Quartile Deviation, Mean Deviation, Standard Deviation, Lorenz Curve.	6	
	Coefficient of variations	3	
V	Skewness: Meaning – Difference between Dispersion and Skewness	2	Assignment
	Skewness Measures	9	
	Kurtosis	1	

Course Designed by **Dr. S. Vigneswaran,** Assistant Professor of Economics, MTNC.

&

Dr. J.Devikarani, Assistant Professor of Economics, MTNC.

Learning Outcome Based Education & Assessment (LOBE)
Formative Examination - Blue Print
Articulation Mapping – K Levels with Course Outcomes (COs)

Internal	Cos	K Level	Section A MCQs		Section B Short Answers		Section C Either or Choice	Section D Open Choice
			No. of Questions	K - Level	No. of Questions	K - Level		
CI AI	CO1	Up to K2	2	K1,K2	1	K1	2	1
	CO2	Up to K3	2	K1,K2	2	K2	2	1
CI AII	CO3	Up to K4	2	K1,K2	1	K1	2	1
	CO4	Up to K4	2	K1,K2	2	K2	2	1
Question Pattern CIA I & II		No. of Questions to be asked	4		3		4	2
		No. of Questions to be answered	4		3		2	1
		Marks for each question	1		2		5	10
		Total Marks for each section	4		6		10	10

Distribution of Marks with K Level CIA I & CIA II

	K Level	Section A (Multiple Choice Questions)	Section B (Short Answer Questions)	Section C (Either / Or Choice)	Section D (Open Choice)	Total Marks	% of (Marks without choice)	Consolidate of %
CIA I	K1	2	2	-	-	4	8	60
	K2	2	4	10	10	26	52	
	K3	-	-	10	10	20	40	40
	K4	-	-	-	-			
	Marks	4	6	20	20	50	100	100
CIA II	K1	2	2			4	8	40
	K2	2	4	10		16	32	
	K3			10	10	20	40	40
	K4				10	10	20	20
	Marks	4	6	20	20	50	100	100

K1- Remembering and recalling facts with specific answers

K2- Basic understanding of facts and stating main ideas with general answers

K3- Application oriented- Solving Problems

K4- Examining, analyzing, presentation and make inferences with evidences

CO5 will be allotted for individual Assignment which carries five marks as part of CIA component.

Summative Examination – Blue Print Articulation Mapping – K Level with Course Outcomes (COs)								
S.No	COs	K - Level	MCQs		Short Answers		Section C (Either / or Choice)	Section D (Open Choice)
			No. of Questions	K – Level	No. of Question	K – Level		
1	CO1	**Up to K2**	**2**	**K1&K2**	**1**	**K1**	**2(K1&K1)**	**1(K2&K2)**
2	CO2	**Up to K3**	**2**	**K1&K2**	**1**	**K2**	**2(K2&K2)**	**1(K3&K3)**
3	CO3	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K4&K4)**
4	CO4	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K4&K4)**
5	CO5	**Up to K3**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K3&K3)**
No. of Questions to be Asked			**10**		**5**		**10**	**5**
No.of Questions to be answered			**10**		**5**		**5**	**3**
Marks for each question			**1**		**2**		**5**	**10**
Total Marks for each section			**10**		**10**		**25**	**30**
(Figures in parenthesis denotes, questions should be asked with the given K level)								

Distribution of Marks with K Level							
K Level	Section A (Multiple Choice Questions)	Section B (Short Answer Questions)	Section C (Either/ or Choice)	Section D (Open Choice)	Total Marks	% of (Marks without choice)	Consolidated %
K1	5	2	10		17	14.16	
K2	5	8	10	10	33	27.5	41.66
K3			30	20	50	41.66	41.66
K4				20	20	16.66	16.66
Marks	10	10	50	50	120	100	100
NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels.							

Summative Examinations - Question Paper – Format

Section A (Multiple Choice Questions)
Answer All Questions (10x1=10 marks)

Q.No	CO	K Level	Questions
1	CO1	K1	
2	CO1	K2	
3	CO2	K1	
4	CO2	K2	
5	CO3	K1	
6	CO3	K2	
7	CO4	K1	
8	CO4	K2	
9	CO5	K1	
10	CO5	K2	

Section B (Short Answers)
Answer All Questions (5x2=10 marks)

Q.No	CO	K Level	Questions
11	CO1	K1	
12	CO2	K1	
13	CO3	K2	
14	CO4	K2	
15	CO5	K2	

Section C (Either/Or Type)
Answer All Questions (5 x 5 = 25 marks)

Q.No	CO	K Level	Questions
16) a	CO1	K2	
16) b	CO1	K2	
17) a	CO2	K3	
17) b	CO2	K3	
18) a	CO3	K4	
18) b	CO3	K4	
19) a	CO4	K3	
19) b	CO4	K3	
20) a	CO5	K3	
20) b	CO5	K3	

NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels

Section D (Open Choice)
Answer Any Three questions (3x10=30 marks)

Q.No	CO	K Level	Questions
21	**CO1**	**K2**	
22	**CO2**	**K3**	
23	**CO3**	**K4**	
24	**CO4**	**K4**	
25	**CO5**	**K3**	

MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS)
DEPARTMENT OF ECONOMICS
(For those who joined in 2021-2022 and after)

Course Name	BUSINESS ACCOUNTING - I			
Course Code	**21UCOA11**	**L**	**P**	**C**
Category	**Allied**	**5**	**-**	**4**
Nature of Course:	**EMPLOYABILITY** ✔	SKILL ORIENTED	ENTREPRENEURSHIP	

Course Objectives:

1. To know the principles of accounting concepts and conventions
2. To prepare journal, ledger and subsidiary books
3. To prepare trial balance of a trading concern
4. To understand the accounting procedure in the preparation of final accounts of trading concern
5. To manage accounts for non-profit organization

Unit: I	Accounting Introduction	15

Definition of Book-keeping – Objectives – Double Entry System of Book Keeping – Advantages - Limitations – Types of Accounts – Rules – Basic Accounting Concepts and Conventions.

Unit: II	Journal & Ledger	15

Journal – Ledger – Posting from Journal to Ledger – Balancing of Ledger Accounts – Distinction between Journal and Ledger – Subsidiary Books – Benefit of Subsidiary Book System.– Purchase Book – Sales Book – Purchase Return Book –Sales Return Book – Cash Book

Unit: III	Trial Balance	15

Trial Balance - Meaning – Definition – Objectives – Preparation of Trial Balance – Errors not Disclosed by Trial Balance – Errors Disclosed by Trial Balance – Guidelines to Locate Errors.

Unit: IV	Final accounts of trading concerns	15

Trading Account, Profit and Loss Account & Balance Sheet –Adjustments Regarding Closing Stock Prepaid Expenses, Outstanding Expenses, Income Receivable and Income Received in Advance, Bad debts and Reserve for doubtful debts, Depreciation.

Unit: V	Accounts of Non-profit organization	15

Introduction – Difference between Receipts and Payment Account and Income and Expenditure Account – Step to prepare a Income and Expenditure Account and balance Sheet –Preparation of Income and Expenditure Account from Receipts and Payments Account.

		Total Lecture Hours	75

Books for Study:

1. T.S. Reddy, and A. Murthy, *Financial Accounting*, Margham Publications, Chennai, 2016.

Books for References:

1. S.P. Jain & K.L. Narang, Financial Accounting, Kalyani Publishers, New Dehli, 2014.
2. R.L Gupta and M. Radhasamy, *Advanced Accounting* Volume-I, Sultan Chand and Sons, Delhi, Eleventh Revised Edition, 2009.

Web Resources:

1. **https://youtu.be/UxfPGWlxgHQ** - Introduction of Accounting
2. **https://youtu.be/AQvxKosUBf4** - Accounting Standards and Principles

3. **https://youtu.be/wzz31xEZ1MI** - Recording of financial transactions
4. **https://youtu.be/WS_YYSdTEMw** - Profit and Loss account
5. **https://youtu.be/8-mF3B3Lbr4** - Balance Sheet
6. **https://nptel.ac.in/courses/110/101/110101131/** - Financial Accounting Course

Course Outcomes		K Level
CO1:	Gain knowledge on accounting basic concepts and conventions	**Up to K2**
CO2:	Prepare Journal and Ledger of Accounting	**Up to K3**
CO3:	Able to prepare trial balance and locate errors	**Up to K3**
CO4:	Prepare a final accounts of trading concerns	**Up to K4**
CO5:	Prepare a final accounts of non trading concerns	**Up to K4**

CO & PO Mapping:

COS	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6
CO 1	3	2	2	1	2	3
CO 2	3	3	2	2	2	2
CO 3	3	3	1	2	2	2
CO 4	3	2	2	2	3	3
CO 5	3	3	1	2	2	3

*3 – Advanced Application; **2 –** Intermediate Development; **1 -** Introductory Level

LESSON PLAN

UNIT	BUSINESS ACCOUNTING I	Hrs	Mode
I	**Accounting Introduction**: Double Entry System of Book Keeping – Types of Accounts – Rules –Accounting Concepts and Conventions	**15**	Chalk & talk
II	**Journal & Ledger:** Introduction—Subsidiary Books –Purchase Book – Sales Book – Purchase Return Book –Sales Return Book – Cash Book	**15**	Chalk & talk
III	**Trial Balance**: Errors not Disclosed by Trial Balance – Errors Disclosed by Trial Balance – Guidelines to Locate Errors.	**15**	Chalk & talk
IV	**Final accounts of trading concerns**: Trading Account, Profit and Loss Account & Balance Sheet –Adjustments	**15**	Chalk & talk
V	**Accounts of Non-profit organization: Introduction** —Income and Expenditure Account - balance Sheet –Receipts and Payments Account.	**15**	Chalk & talk

Course Designed by:

Dr. R. Kajapriya, Assistant Professor & **Dr. R. Ratheka,** Assistant Professor

| | | | Section A | | Section B | | Section C | Section D |
| | | | MCQs | | Short Answers | | Either or | Open |
Internal	**Cos**	**K Level**	**No. of. Questions**	**K - Level**	**No. of. Questions**	**K - Level**	**Choice**	**Choice**
CI	**CO1**	Up to K2	2	K1,K2	1	K2	2(K2&K2)	1(K2)
AI	**CO2**	Up to K3	2	K1,K2	2	K2	2(K3&K3)	1 (K3)
CI	**CO3**	Up to K3	2	K1,K2	1	K2	2(K2&K2)	1 (K3)
AII	**CO4**	Up to K4	2	K1,K2	2	K2	2(K3&K3)	1 (K4)
Question Pattern CIA I & II		No. of Questions to be asked	4		3		4	2
		No. of Questions to be answered	4		3		2	1
		Marks for each question	1		2		5	10
		Total Marks for each section	4		6		10	10

Learning Outcome Based Education & Assessment (LOBE)
Formative Examination - Blue Print
Articulation Mapping – K Levels with Course Outcomes (COs)

*Note: It is the decision of the course teacher to ask 2 Questions in any unit under section-B (short answer questions)

Distribution of Marks with K Level CIA I & CIA II

	K Level	**Section A (Multiple Choice Questions)**	**Section B (Short Answer Questions)**	**Section C (Either / Or Choice)**	**Section D (Open Choice)**	**Total Marks**	**% of (Marks without choice)**	**Consolidate of %**
CIA I	**K1**	2	-	-	-	2	4	60
	K2	2	6	10	10	28	56	
	K3	-	-	10	10	20	40	40
	K4	-	-	-	-	0	0	0
	Marks	4	6	20	20	50	100	100
CIA II	**K1**	2	-	-	-	2	4	40
	K2	2	6	10	-	18	36	
	K3	-	-	10	10	20	40	40
	K4	-	-	-	10	10	20	20
	Marks	4	6	20	20	50	100	100

K1- Remembering and recalling facts with specific answers

K2- Basic understanding of facts and stating main ideas with general answers

K3- Application oriented- Solving Problems

K4- Examining, analyzing, presentation and make inferences with evidences

CO5 will be allotted for individual Assignment which carries five marks as part of CIA component.

S.No	COs	K - Level	MCQs		Short Answers		Section C (Either / or Choice)	Section D (Open Choice)
			No. of Questions	K – Level	No. of Question	K – Level		
1	**CO1**	Up to K2	2	K1,K2	1	K1	2(K2&K2)	1(K2)
2	**CO2**	Up to K3	2	K1,K2	1	K2	2(K3&K3)	1 (K3)
3	**CO3**	Up to K3	2	K1,K2	1	K2	2(K2&K2)	1 (K3)
4	**CO4**	Up to K4	2	K1,K2	1	K2	2(K3&K3)	1(K4)
5	**CO5**	Up to K4	2	K1,K2	1	K2	2(K3&K3)	1(K4)
No. of Questions to be Asked			**10**		**5**		**10**	**5**
No. of Questions to be answered			**10**		**5**		**5**	**3**
Marks for each question			**1**		**2**		**5**	**10**
Total Marks for each section			**10**		**10**		**25**	**30**

Summative Examination – Blue Print Articulation Mapping – K Level with Course Outcomes (COs)

(Figures in parenthesis denotes, questions should be asked with the given K level)

Summative Examinations - Distribution of Marks with K Level

K Level	Section A (Multiple Choice Questions)	Section B (Short Answer Questions)	Section C (Either/ or Choice)	Section D (Open Choice)	Total Marks	% of (Marks without choice)	Consolidated %
K1	5	1	-	-	7	5.83	42
K2	5	4	4	1	43	35.83	
K3	-	-	6	3	60	50	50
K4	-	-	-	1	10	8.33	8
Marks	10	10	50	50	120	100	100

NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels.

Summative Examinations - Question Paper – Format

Section A (Multiple Choice Questions)
Answer All Questions (10x1=10 marks)

Q. No	CO	K Level	Questions
1	CO1	K1	
2	CO1	K2	
3	CO2	K1	
4	CO2	K2	
5	CO3	K1	
6	CO3	K2	
7	CO4	K1	
8	CO4	K2	
9	CO5	K1	
10	CO5	K2	

Section B (Short Answers)
Answer All Questions (5x2=10 marks)

Q. No	CO	K Level	Questions
11	CO1	K1	
12	CO2	K2	
13	CO3	K2	
14	CO4	K2	
15	CO5	K2	

Section C (Either/Or Type)
Answer All Questions (5 x 5 = 25 marks)

Q. No	CO	K Level	Questions
16) a	CO1	K2	
16) b	CO1	K2	
17) a	CO2	K3	
17) b	CO2	K3	
18) a	CO3	K2	
18) b	CO3	K2	
19) a	CO4	K3	
19) b	CO4	K3	
20) a	CO5	K3	
20) b	CO5	K3	

NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels

Section D (Open Choice)
Answer Any Three questions (3x10=30 marks)

Q.No	CO	K Level	Questions
21	CO1	**K2**	
22	CO2	**K3**	
23	CO3	**K3**	
24	CO4	**K4**	
25	CO5	**K4**	

MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS)
DEPARTMENT OF ECONOMICS
(For those who joined in 2021-2022 and after)

Course Name	ECONOMICS OF ADVERTISING			
Course Code	21UECS11	L	P	C
Category	Skill	2	-	2

Nature of course:	EMPLOYABILITY	✓	SKILL ORIENTED	ENTREPRENEURSHIP

Course Objectives:

1. To understand the concepts of Advertising management.
2. To learn about marketing process for different types of Creativity.
3. To understand the different strategies of Advertising.
4. To understand and analyse about the Budget of Advertising.
5. To Enable the students know about the Advertising Agencies.

Unit: I	Introductory aspects of Advertisement	6

Introductory aspects of Advertisement : Meaning of advertising – Purpose and functions – Objectives and role -Government Regulations – Restrictions.

Unit: II	Creativity	6

Creativity – Meaning - Sources – Role – Development of Creative Strategies –Factors affecting Creativity.

Unit: III	Advertising Strategies	6

Advertising Strategy, Planning and Organization – Contribution of advertising - Strategy – Level of decision making – Factors influencing Organizational Features

Unit: IV	Advertising Budget	6

Advertising Budget: Meaning – Nature- Objectives and Process – Factors Determining Advertising Budget – Methods of Advertising (Percentage of Sales Method, Competitive Parity Method, Objectives Task Method Only)

Unit: V	Advertising Agencies	6

Future trend in advertisement - Advertising Agency: Meaning - Role of Advertising Agents – Competition among Agencies – Ethics and Morale of Advertisement .

	Total Lecture Hours	**30 Hrs**

Books for Study:

1. R.Cauvery, Suthenayak, Girija and Meenakshi, Managerial Economics, S.Chand & Company Limited, New Delhi, Ist revised, 2010.
2. M.John Kennedy, Micro Economics, Himalaya Publishing House, Mumbai,Reprint,2010.
3. T.Aryamala, Business Economics, Vijay Nicole Imprints private limited, Chennai, 2013.

Books for References:

1. P.N.Reddy and H.R.Appannaiah, Essentials of Managerial Economics, Himalaya Publishing House, Mumbai,1996.
2. P.N.Chopra, Managerial Economics, Kalyani Publications, New Delhi, 2009.
3. G.S.Gupta, Managerial Economics, Tata McGraw-Hill Publishing House Limited, New Delhi,24thReprint,2005.

Web Resources:

Course Outcomes	K Level

CO1:	Understanding the purpose of advertisement and Government regulations.	**Up to K2**
CO2:	Realize the role of Creativity in Advertising.	**Up to K2**
CO3:	Acquire knowledge about the Advertising Strategies.	**Up to K2**
CO4:	Understand the Budget Process of advertising.	**Up to K2**
CO5:	Comprehend the role of Advertising agencies and the future trend in Advertisement**.**	**Up to K2**

CO & PO Mapping:

COS	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6
CO 1	3	2	1	1	2	3
CO 2	3	2	2	2	3	2
CO 3	3	3	2	2	3	2
CO 4	3	3	2	2	2	3
CO 5	3	2	2	2	2	3

*3 – Advanced Application; **2 –** Intermediate Development; **1 -** Introductory Level

LESSON PLAN

UNIT	ECONOMICS OF ADVERTISING	Hrs	Pedagogy
I	**Introduction** Introductory Aspects of Advertisement -Meaning of advertising– Purpose and Functions – Objectives and role -Government Regulations – Restrictions.	2 4	**Chalk and Talk, PPT**
II	**Creativity** Creativity – Sources – Development of Creative Strategies –Factors affecting Creativity.	2 4	**Chalk and Talk, PPT**
III	**Advertising Strategies** Advertising Strategy, Planning and Organization – Contribution of advertising Strategy – Level of Decision Making – Factors Influencing Organizational Features	3 3	**Chalk and Talk, PPT**
IV	**Advertising Budget** Meaning – Nature- Objectives and Process – Factors Determining Advertising Budget – Methods of Advertising (Percentage of Sales Method, Competitive Parity Method, Objectives Task Method Only)	2 4	**Chalk and Talk, PPT**
V	**Advertising Agencies** Future Trend in Advertisement - Advertising Agency: - Role of Advertising Agents Advertising Agents – Competition Among Agencies – Ethics and Morale of Advertisement.	3 3	**Assignment**

Course Designed by **Dr. R. Alagesan,** Assistant Professor **& Dr. S.Palani,** Associate Professor

SECOND SEMESTER

MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS)
DEPARTMENT OF ECONOMICS
(For those who joined in 2021-2022 and after)

Course Name	Micro Economics-II			
Course Code	**21UECC21**	**L**	**P**	**C**
Category	Core	5	-	5
Nature of course:	EMPLOYABILITY	**SKILL ORIENTED** ✓	ENTREPRENEURSHIP	

Course Objectives:

1. To impart a sound basis on production analysis related aspects.
2. To enable the students to understand the cost and revenue concepts.
3. To understand the basic idea about market.
4. To develop the understanding skill on economic behavior of the business firms.
5. To teach the students about the factor pricing.

Unit: I	**THEORY OF PRODUCTION**	**15**

Factors of Production –Land, Labour, Capital and Organization – Meaning and Features – Division of Labour: Production Function: Meaning – Short run and Long run Production Function –Laws of Variable Proportions− Law of Returns to Scale –Economies and Diseconomies of Scale.

Unit: II	**COST AND REVENUE CONCEPTS**	**12**

Concept of Cost: Fixed cost – Variable cost – Average and Marginal cost– Opportunity Cost – Incremental Cost – Sunk Cost – Imputed Cost – Implicit Cost and Explicit Cost - Long-run and Short-run Cost Curves - Relationship between Average and Marginal Cost – Concepts of Revenue – Total Revenue – Average and Marginal Revenue – Relationship between AR and MR.

Unit: III	**PRICE- OUTPUT DETERMINATION UNDER PERFECT COMPETITION**	**13**

Perfect Competition : Meaning – Characteristics – Difference between Pure and Perfect Competition - Price and Output Determination under Perfect Competition in the Short Run and Long Run.

Unit: IV	**PRICE- OUTPUT DETERMINATION UNDER IMPERFECT COMPETITION**	**15**

Monopoly : Meaning – Characteristics – Kinds – Price and Output Determination under Monopoly in the Short Run and Long Run – Control of Monopoly – Monopolistic Competition: Meaning – Characteristics – Price and Output determination – Oligopoly: Meaning, Features and Types Only.

Unit: V	**THEORIES OF DISTRIBUTION**	**20**

Distribution: Meaning – Functional Vs Personal Distribution – Marginal Productivity Theory of Wage (Clark and Marshall) – Ricardian Theory of Rent – Difference between Rent and Quasi Rent – Modern Theory of Rent **–** Loanable Fund Theory of Interest – Liquidity Preference Theory - Innovation Theory of Profit – Risk and Uncertainty Theory of Profit.

	Total Lecture Hours	**75Hrs**

Books for Study:

1. M.L Seth**, Micro Economics**, Lakshmi NarainAgarwal Education Publishers, Agra, Seventeenth Revised Edition, 2001.
2. M.L.Jhingan, **Micro Economic Theory**,Brinda Publications (P) Ltd, Delhi 2007.

3. John Kennedy, **Micro Economics**, Himalaya Publishing House, Mumbai, 2010.

Books for References:

1. D. Salvatore, **Micro Economics:Theory and Applications**, Oxford University Press, Oxford, Fifth Edition, 2008.
2. A.Koutsoyiannis, **Modern MicroEconomics**, Macmillan, 2015.
3. P.N.Chopra, **Principles of Economics**, Kalyani Publications, 2012.

Web Resources:

Related Online Contents (MOOC, SWAYAM, NPTEL, Websites etc.)

Course Outcomes		K Level
CO1:	Grasp a thorough an idea on factors of production..	**Up to K3**
CO2:	Relate the cost and revenue concepts.	**Up to K3**
CO3:	Distinguish pure and perfect market.	**Up to K4**
CO4:	Analyze the imperfect market structure.	**Up to K4**
CO5:	Classify the factor pricing theories.	**Up to K3**

CO & PO Mapping:

COS	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6
CO 1	3	3	1	2	2	3
CO 2	3	3	2	1	2	3
CO 3	3	3	1	2	3	2
CO 4	3	3	3	2	2	3
CO 5	3	3	1	2	2	3

*3 – Advanced Application; **2 –** Intermediate Development; **1 -** Introductory Level

LESSON PLAN

UNIT	SUBJECT NAME - Micro Economics-II	Hrs	Pedagogy
I	**THEORIES OF PRODUCTION** Factors of Production –Land, Labour, Capital and Organization – Meaning and Features – Division of Labour: Production Function: Meaning – Short run and Long run Production Function – Laws of Variable Proportions− Law of Returns to Scale –Economies and Diseconomies of Scale.	5 5 5	Chalk & talk, ppt, Discussion
II	**COST AND REVENUE CONCEPTS** Concept of Cost: Fixed cost – Variable Cost – Average and Marginal cost– Opportunity Cost – Incremental Cost – Sunk Cost – Imputed Cost – Implicit Cost and Explicit Cost – Long-run and Short-run Cost Curves - Relationship between Average and Marginal Cost – Concepts of Revenue – Total Revenue – Average and Marginal Revenue – Relationship between AR and MR.	4 3 5	Chalk & talk, ppt, Discussion
III	**PRICE- OUTPUT DETERMINATION UNDER PERFECT COMPETITION** Perfect Competition : Meaning – Characteristics Difference between Pure and Perfect Competition Price and Output Determination under Perfect Competition in the Short Run and Long Run.	4 3 6	Chalk & talk, ppt
IV	**PRICE- OUTPUT DETERMINATION UNDER IMPERFECT COMPETITION** Monopoly : Meaning – Characteristics – Kinds – Price and Output Determination under Monopoly in the Short Run and Long Run – Control of Monopoly – Monopolistic Competition: Meaning – Characteristics – Price and Output Determination – OligoPoly: Meaning, Features and Types Only.	5 6 4	Chalk & talk, ppt,
V	**THEORIES OF DISTRIBUTION** Distribution: Meaning – Functional Vs Personal Distribution – Marginal Productivity Theory of Wage (Clark and Marshall) – Ricardian Theory of Rent – Difference between Rent and Quasi Rent – Modern Theory of Rent **–** Loanable Fund Theory of Interest – Liquidity Preference Theory – Innovation Theory of Profit – Risk and Uncertainty Theory of Profit.	5 5 5 5	Assignment

Course Designed by:

Dr. S. Vishnu Subha, Assistant Professor **& Dr. S.   Vigneswaran,** Assistant Professor

Learning Outcome Based Education & Assessment (LOBE) Formative Examination - Blue Print Articulation Mapping – K Levels with Course Outcomes (COs)								
Inte rnal	Cos	K Level	Section A		Section B		Section C Either or Choice	Section D Open Choice
			MCQs		Short Answers			
			No. of. Questions	K - Level	No. of. Questions	K - Level		
CI AI	CO1	Up to K2	2	K1,K2	1	K1	2	1
	CO2	Up to K2	2	K1,K2	2	K2	2	1
CI AII	CO4	Up to K4	2	K1,K2	1	K1	2	1
	CO5	Up to K4	2	K1,K2	2	K2	2	1
Question Pattern CIA I & II		No. of Questions to be asked	4		3		4	2
		No. of Questions to be answered	4		3		2	1
		Marks for each question	1		2		5	10
		Total Marks for each section	4		6		10	10

Distribution of Marks with K Level CIA I & CIA II								
	K Level	Section A (Multiple Choice Questions)	Section B (Short Answer Questions)	Section C (Either / Or Choice)	Section D (Open Choice)	Total Marks	% of (Marks without choice)	Consolidate of %
CIA I	K1	2	2	-	-	4	8	60
	K2	2	4	10	10	26	52	
	K3	-	-	10	10	20	40	40
	K4	-	-	-	-			
	Marks	4	6	20	20	50	100	100
CIA II	K1	2	2			4	8	40
	K2	2	4	10		16	32	
	K3			10	10	20	40	40
	K4				10	10	20	20
	Marks	4	6	20	20	50	100	100

K1- Remembering and recalling facts with specific answers

K2- Basic understanding of facts and stating main ideas with general answers

K3- Application oriented- Solving Problems

K4- Examining, analyzing, presentation and make inferences with evidences

CO5 will be allotted for individual Assignment which carries five marks as part of CIA component.

S.No	COs	K - Level	MCQs		Short Answers		Section C (Either / or Choice)	Section D (Open Choice)
			No. of Questions	K – Level	No. of Question	K – Level		
1	CO1	**Up to K3**	**2**	**K1&K2**	**1**	**K1**	**2(K2&K2)**	**1(K3&K3)**
2	CO2	**Up to K3**	**2**	**K1&K2**	**1**	**K2**	**2(K2&K2)**	**1(K3&K3)**
3	CO3	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K4&K4)**
4	CO4	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K4&K4)**
5	CO5	**Up to K3**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K3&K3)**
No. of Questions to be Asked			**10**		**5**		**10**	**5**
No.of Questions to be answered			**10**		**5**		**5**	**3**
Marks for each question			**1**		**2**		**5**	**10**
Total Marks for each section			**10**		**10**		**25**	**30**
(Figures in parenthesis denotes, questions should be asked with the given K level)								

Summative Examination – Blue Print Articulation Mapping – K Level with Course Outcomes (COs)

Distribution of Marks with K Level

K Level	Section A (Multiple Choice Questions)	Section B (Short Answer Questions)	Section C (Either/ or Choice)	Section D (Open Choice)	Total Marks	% of (Marks without choice)	Consolidated %
K1	5	2	--		17	5.83	
K2	5	8	20		33	27.5	**33**
K3			30	30	60	50	**50**
K4			--	20	20	16.66	**17**
Marks	10	10	50	50	120	100	**100**

NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels.

Summative Examinations - Question Paper – Format

Section A (Multiple Choice Questions)
Answer All Questions (10x1=10 marks)

Q.No	CO	K Level	Questions
1	CO1	K1	
2	CO1	K2	
3	CO2	K1	
4	CO2	K2	
5	CO3	K1	
6	CO3	K2	
7	CO4	K1	
8	CO4	K2	
9	CO5	K1	
10	CO5	K2	

Section B (Short Answers)
Answer All Questions (5x2=10 marks)

Q.No	CO	K Level	Questions
11	CO1	K1	
12	CO2	K1	
13	CO3	K2	
14	CO4	K2	
15	CO5	K2	

Section C (Either/Or Type)
Answer All Questions (5 x 5 = 25 marks)

Q.No	CO	K Level	Questions
16) a	CO1	K2	
16) b	CO1	K2	
17) a	CO2	K3	
17) b	CO2	K3	
18) a	CO3	K3	
18) b	CO3	K3	
19) a	CO4	K3	
19) b	CO4	K3	
20) a	CO5	K3	
20) b	CO5	K3	

NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels

Section D (Open Choice)
Answer Any Three questions (3x10=30 marks)

Q.No	CO	K Level	Questions
21	**CO1**	**K3**	
22	**CO2**	**K3**	
23	**CO3**	**K4**	
24	**CO4**	**K4**	
25	**CO5**	**K3**	

MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS)
DEPARTMENT OF ECONOMICS
(For those who joined in 2021-2022 and after)

Course Name	Statistical Methods-II			
Course Code	**21UECC22**	**L**	**P**	**C**
Category	Core	4	-	4
Nature of course:	EMPLOYABILITY **SKILL ORIENTED** ✓ ENTREPRENEURSHIP			
Course Objectives:				

1. To Train the students to quantify the relationship between the variables.
2. To Equip the students to compute regression coefficients.
3. To Enable the students to work out different index numbers.
4. To Guide the students to assess the tendency of variables.
5. To Coach the students to gauge the probability of events using theorem.

Unit: I	Correlation Analysis	12

Correlation: Meaning – Correlation and Causation – Types – Methods of Studying Correlation – Graphic Method: Scatter Diagram –Mathematical Method:Karl Pearson's Coefficient of Correlation- Spearman's Rank Correlation – Concurrent Deviation – Uses – Limitations of Correlation Analysis.

Unit: II	Regression Analysis	12

Regression: Definition – Difference between Correlation and Regression – Regression Lines - Regression Equations –Y on X and X on Y – Properties of Regression Coefficient – Uses – Limitations of Regression Analysis.

Unit: III	Index Numbers	12

Meaning – Uses – Problems in construction of Index Numbers - Methods of Construction: – Laspeyre's, Paasche's, Fisher's Indices only. Tests of Validity: Time Reversal Test – Factor Reversal Test – Cost of Living Index

Unit: IV	Analysis of Time Series	12

Time Series: Meaning – Uses – Components – Measurement of SecularTrend: Free hand Method – Semi–Average Method – Moving Average Method –Method of Least Squares – Measurement of Cyclical and Irregular variations.

Unit: V	Probability	12

Probability: Meaning – Usefulness – Mathematical Preliminaries - Permutations and Combinations (Simple Problems).Probability Key concepts - Theorem of Probability – Addition Theorem – Multiplication Theorem – Bayes' Theorem.

	Total Lecture Hours	60

Books for Study:

1. S.P.Gupta, **Statistical Methods**, Sultan Chand and Sons, New Delhi, Reprinted,2015.
2. R.S.N.Pilla and Bagawathi, **Statistics,** S.Chand and Co, New Delhi,2015.

Books for References:

1. S.C.Gupta, Fundamentals of Statistics, Himalaya Publishing House, New Delhi,2016.

2. D.P. Elhance, Statistical Methods, Kitab Mahal, Agra,2012.	
Web Resources:	
Related Online Contents (MOOC, SWAYAM, NPTEL, Websites etc.)	
1. www.real-statistics.com	

Course Outcomes		K Level
CO1:	quantify the relationship between the variables.	Up to K3
CO2:	compute regression coefficients.	Up to K4
CO3:	calculate different index numbers.	Up to K3
CO4:	assess the tendency of variables.	Up to K4
CO5:	gauge the probability of events using theorem.	Up to K3

CO & PO Mapping:

COS	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6
CO 1	3	3	2	2	2	3
CO 2	3	2	2	1	2	3
CO 3	3	3	2	2	2	3
CO 4	3	3	1	2	2	2
CO5	3	3	2	1	3	3

*3 – Advanced Application; **2 –** Intermediate Development; **1 -** Introductory Level

LESSON PLAN

UNIT	SUBJECT NAME **Statistical Analysis-II**	Hrs	Mode
I	Correlation- Concepts Methods of Measuring Correlation Limitations	2 9 1	Chalk &Talk, ppt
II	Regression- Concepts – Difference between Correlation and Regression Regression Equations and their properties Limitations	2 9 1	Chalk &Talk
III	Index Numbers: Concepts Methods of Construction Tests of Validity	2 6 4	Chalk &Talk
IV	Time Series: Concepts Methods of Measuring Trend	2 10	Chalk &Talk, ppt,
V	Probability- Concepts Permutation and Combinations Probability Theorem	2 4 6	Assignment

Course Designed by**:**

Dr. S.Vigneswaran, Assistant Professor **& Dr.S.Palani**, Head and Associate Professor

Learning Outcome Based Education & Assessment (LOBE)
Formative Examination - Blue Print
Articulation Mapping – K Levels with Course Outcomes (COs)

Internal	Cos	K Level	Section A MCQs		Section B Short Answers		Section C Either or Choice	Section D Open Choice
			No. of Questions	K - Level	No. of Questions	K - Level		
CI AI	CO1	Up to K2	2	K1,K2	1	K1	2	1
	CO2	Up to K3	2	K1,K2	2	K2	2	1
CI AII	CO3	Up to K4	2	K1,K2	1	K1	2	1
	CO4	Up to K4	2	K1,K2	2	K2	2	1
Question Pattern CIA I & II		No. of Questions to be asked	4		3		4	2
		No. of Questions to be answered	4		3		2	1
		Marks for each question	1		2		5	10
		Total Marks for each section	4		6		10	10
Distribution of Marks with K Level CIA I & CIA II								
	K Level	Section A (Multiple Choice Questions)	Section B (Short Answer Questions)	Section C (Either / Or Choice)	Section D (Open Choice)	Total Marks	% of (Marks without choice)	Consolidate of %
CIA I	K1	2	2	-	-	4	8	60
	K2	2	4	10	10	26	52	
	K3	-	-	10	10	20	40	40
	K4	-	-	-	-			
	Marks	4	6	20	20	50	100	100
CIA II	K1	2	2			4	8	40
	K2	2	4	10		16	32	
	K3			10	10	20	40	40
	K4				10	10	20	20
	Marks	4	6	20	20	50	100	100

K1- Remembering and recalling facts with specific answers

K2- Basic understanding of facts and stating main ideas with general answers

K3- Application oriented- Solving Problems

K4- Examining, analyzing, presentation and make inferences with evidences

CO5 will be allotted for individual Assignment which carries five marks as part of CIA component.

\	\	\	MCQs		Short Answers		Section C (Either / or Choice)	Section D (Open Choice)
S.No	COs	K - Level	No. of Questions	K – Level	No. of Question	K – Level		
1	CO1	**Up to K3**	**2**	**K1&K2**	**1**	**K1**	**2(K2&K2)**	**1(K3&K3)**
2	CO2	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K4&K4)**
3	CO3	**Up to K3**	**2**	**K1&K2**	**1**	**K2**	**2(K2&K2)**	**1(K3&K3)**
4	CO4	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K4&K4)**
5	CO5	**Up to K3**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K3&K3)**
No. of Questions to be Asked			**10**		**5**		**10**	**5**
No.of Questions to be answered			**10**		**5**		**5**	**3**
Marks for each question			**1**		**2**		**5**	**10**
Total Marks for each section			**10**		**10**		**25**	**30**

Summative Examination – Blue Print Articulation Mapping – K Level with Course Outcomes (COs)

(Figures in parenthesis denotes, questions should be asked with the given K level)

K Level	Section A (Multiple Choice Questions)	Section B (Short Answer Questions)	Section C (Either/ or Choice)	Section D (Open Choice)	Total Marks	% of (Marks without choice)	Consolidated %
K1	5	2			7	5.83	
K2	5	8	20		33	27.5	33.31
K3			30	30	60	50	50
K4				20	20	16.66	16.66
Marks	10	10	50	50	120	100	100

Distribution of Marks with K Level

NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels.

Summative Examinations - Question Paper – Format

Section A (Multiple Choice Questions)
Answer All Questions   **(10x1=10 marks)**

Q.No	CO	K Level	Questions
1	CO1	K1	
2	CO1	K2	
3	CO2	K1	
4	CO2	K2	
5	CO3	K1	
6	CO3	K2	
7	CO4	K1	
8	CO4	K2	
9	CO5	K1	
10	CO5	K2	

Section B (Short Answers)
Answer All Questions   **(5x2=10 marks)**

Q.No	CO	K Level	Questions
11	CO1	K1	
12	CO2	K1	
13	CO3	K2	
14	CO4	K2	
15	CO5	K2	

Section C (Either/Or Type)
Answer All Questions   **(5 x 5 = 25 marks)**

Q.No	CO	K Level	Questions
16) a	CO1	K3	
16) b	CO1	K3	
17) a	CO2	K4	
17) b	CO2	K4	
18) a	CO3	K3	
18) b	CO3	K3	
19) a	CO4	K4	
19) b	CO4	K4	
20) a	CO5	K3	
20) b	CO5	K3	

NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels

Section D (Open Choice)
Answer Any Three questions   **(3x10=30 marks)**

Q.No	CO	K Level	Questions
21	CO1	**K3**	
22	CO2	**K4**	
23	CO3	**K3**	
24	CO4	**K4**	
25	CO5	**K3**	

MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS)
DEPARTMENT OF ECONOMICS
(For those who joined in 2021-2022 and after)

Course Name	BUSINESS ACCOUNTING - II			
Course Code	21UCOA21	L	P	C
Category	Allied	5	-	4
Nature of Course:	EMPLOYABILITY ✓ SKILL ORIENTED ENTREPRENEURSHIP			

Course Objectives:

1. To understand the Single Entry System of accounting
2. To know the self balancing system
3. To prepare Bank Reconciliation statement
4. To get knowledge on the methods of depreciation.
5. To calculate average due date and account current

Unit: I	Single Entry System	15
	Single Entry System: Meaning – definition – salient features – Limitations – Difference between double entry and single entry system – Ascertainment of profit – Net worth method – Conversion method (Simple Problems Only).	
Unit: II	Self Balancing system	15
	Self Balancing system: meaning – Advantages of Self balancing system – Debtor ledger – Creditor ledger – General ledger – Procedure of Self Balancing.	
Unit: III	Bank Reconciliation Statement	15
	Bank Reconciliation Statement – Meaning – Need – Causes for differences between Cash book and pass book – Methods of preparation of Bank reconciliation Statement.	
Unit: IV	Depreciation	15
	Depreciation: Meaning – Causes – Objectives – Methods of providing depreciation – Straight Line Method- Diminishing Balance Method – Annuity Method – Sinking Fund Method (Simple Problems Only).	
Unit: V	Average Due Date – Account Current	15
	Average Due Date – Basics and Calculation– Account Current – Methods of calculation of Interest – Product Method – Red Ink Interest Method.	
	Total Lecture Hours	75

Books for Study:

T.S. Reddy, and A. Murthy, Financial Accounting, Margham Publications, Chennai, 2016.

Books for References:

1. R.L Gupta and M Radhasamy, Advanced Accounting Volume-I, Sultan Chand and Sons, Delhi, Eleventh Revised Edition, 2009.

2. S.P. Jain & K.L. Narang, Financial Accounting, Kalyani Publishers, New Dehli, 2014.

Web Resources:

1. **https://nptel.ac.in/courses/110/101/110101131/** - Financial Accounting Course NPTEL
2. **https://youtu.be/a5sFUXkxyGc** - Depreciation accounting
3. **http://ndl.iitkgp.ac.in/document/Z2RWUHoyS0JXTUdZczNJeE9zVU9OejN0ZUJHNk5CejhrTTJZ YnpUU1dZST0 -** Single Entry System

Course Outcomes	K level
CO1: Obtain knowledge on Single Entry System	**Up to K2**
CO2: Know the self balancing system of accounting	**Up to K3**
CO3: Have understanding on Bank Reconciliation Statement	**Up to K4**
CO4: Acquire knowledge on the methods of depreciation	**Up to K3**
CO5: Calculate Average Due and Account Current.	**Up to K3**

CO & PO Mapping:

COS	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6
CO 1	3	2	3	3	2	3
CO 2	3	2	3	3	2	3
CO 3	3	3	3	3	3	3
CO 4	3	3	3	3	2	3
CO 5	3	3	3	2	3	3

*3 – Advanced Application; **2 –** Intermediate Development; **1 -** Introductory Level

LESSON PLAN

UNIT	BUSINESS ACCOUNTING II	Hrs	Mode
I	Difference between double entry and single entry system – Ascertainment of profit – Net worth method – Conversion method (Simple Problems Only).	15	Chalk & Talk
II	Self Balancing system: meaning – Advantages of Self balancing system – Debtor ledger – Creditor ledger – General ledger – Procedure of Self Balancing.	15	Chalk & Talk
III	Bank Reconciliation Statement – Meaning – Need – Causes for differences between Cash book and pass book – Methods of preparation of Bank reconciliation Statement.	15	Chalk & Talk
IV	Depreciation: Meaning – Causes – Objectives – Methods of providing depreciation – Straight Line Method- Diminishing Balance Method – Annuity Method – Sinking Fund Method (Simple Problems Only).	15	Chalk & Talk
V	Average Due Date – Basics and Calculation– Account Current – Methods of calculation of Interest – Product Method – Red Ink Interest Method.	15	Chalk & Talk

Course Designed by
   Dr. R. Kajapriya, Assistant Professor & **Dr. R. Ratheka,** Assistant Professor

Internal	Cos	K Level	Section A MCQs		Section B Short Answers		Section C Either or Choice	Section D Open Choice
			No. of. Questions	K - Level	No. of. Questions	K - Level		

Learning Outcome Based Education & Assessment (LOBE)
Formative Examination - Blue Print
Articulation Mapping – K Levels with Course Outcomes (COs)

Internal	Cos	K Level	No. of. Questions	K - Level	No. of. Questions	K - Level	Section C Either or Choice	Section D Open Choice
CI AI	CO1	Up to K2	2	K1,K2	1	K2	2(K2&K2)	1 (K2)
	CO2	Up to K3	2	K1,K2	2	K2	2(K3&K3)	1 (K3)
CI AII	CO3	Up to K4	2	K1,K2	1	K2	2(K3&K3)	1 (K4)
	CO4	Up to K3	2	K1,K2	2	K2	2(K2&K2)	1 (K3)
Question Pattern CIA I & II		No. of Questions to be asked	4		3		4	2
		No. of Questions to be answered	4		3		2	1
		Marks for each question	1		2		5	10
		Total Marks for each section	4		6		10	10

*Note: It is the decision of the course teacher to ask 2 Questions in any unit under section-B (short answer questions)

	K Level	Section A (Multiple Choice Questions)	Section B (Short Answer Questions)	Section C (Either / Or Choice)	Section D (Open Choice)	Total Marks	% of (Marks without choice)	Consolidate of %
					Distribution of Marks with K Level CIA I & CIA II			
CIA I	K1	2	2	-	-	4	8	60
	K2	2	4	10	10	26	52	
	K3	-	-	10	10	20	40	40
	K4	-	-	-	-	0	0	0
	Marks	4	6	20	20	50	100	100
CIA II	K1	2	-	-	-	2	4	40
	K2	2	6	10	-	18	36	
	K3	-	-	10	10	20	40	40
	K4	-	-	-	10	10	20	20
	Marks	4	6	20	20	50	100	100

K1- Remembering and recalling facts with specific answers

K2- Basic understanding of facts and stating main ideas with general answers

K3- Application oriented- Solving Problems

K4- Examining, analyzing, presentation and make inferences with evidences

CO5 will be allotted for individual Assignment which carries five marks as part of CIA component.

S.No	COs	K - Level	MCQs		Short Answers		Section C (Either / or Choice)	Section D (Open Choice)
			No. of Questions	K – Level	No. of Question	K – Level		
1	**CO1**	Up to K2	2	K1,K2	1	K1	2(K2&K2)	1(K2)
2	**CO2**	Up to K3	2	K1,K2	1	K2	2(K3&K3)	1 (K3)
3	**CO3**	Up to K4	2	K1,K2	1	K2	2(K3&K3)	1 (K4)
4	**CO4**	Up to K3	2	K1,K2	1	K2	2(K2&K2)	1(K3)
5	**CO5**	Up to K3	2	K1,K2	1	K2	2(K3&K3)	1(K3)
No. of Questions to be Asked			**10**		**5**		**10**	**5**
No. of Questions to be answered			**10**		**5**		**5**	**3**
Marks for each question			**1**		**2**		**5**	**10**
Total Marks for each section			**10**		**10**		**25**	**30**
(Figures in parenthesis denotes, questions should be asked with the given K level)								

Summative Examination – Blue Print Articulation Mapping – K Level with Course Outcomes (COs)

Summative Examinations - Distribution of Marks with K Level

K Level	Section A (Multiple Choice Questions)	Section B (Short Answer Questions)	Section C (Either/ or Choice)	Section D (Open Choice)	Total Marks	% of (Marks without choice)	Consolidated %
K1	5	1	-	-	7	5.83	42
K2	5	4	4	1	43	35.83	
K3	-	-	6	3	60	50	50
K4	-	-	-	1	10	8.33	8
Marks	10	10	50	50	120	100	100
NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels.							

Summative Examinations - Question Paper – Format

Q. No	CO	K Level	Questions
Section A (Multiple Choice Questions)			
Answer All Questions			**(10x1=10 marks)**
1	CO1	K1	
2	CO1	K2	
3	CO2	K1	
4	CO2	K2	
5	CO3	K1	
6	CO3	K2	
7	CO4	K1	
8	CO4	K2	
9	CO5	K1	
10	CO5	K2	
Section B (Short Answers)			
Answer All Questions			**(5x2=10 marks)**
11	CO1	K1	
12	CO2	K2	
13	CO3	K2	
14	CO4	K2	
15	CO5	K2	
Section C (Either/Or Type)			
Answer All Questions			**(5 x 5 = 25 marks)**
16) a	CO1	K2	
16) b	CO1	K2	
17) a	CO2	K3	
17) b	CO2	K3	
18) a	CO3	K3	
18) b	CO3	K3	
19) a	CO4	K2	
19) b	CO4	K2	
20) a	CO5	K3	
20) b	CO5	K3	

NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels

Q. No	CO	K Level	Questions
Section D (Open Choice)			
Answer Any Three questions			**(3x10=30 marks)**
21	CO1	**K2**	
22	CO2	**K3**	
23	CO3	**K4**	
24	CO4	**K3**	
25	CO5	**K3**	

MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS)
DEPARTMENT OF ECONOMICS
(For those who joined in 2021-2022 and after)

Course Name	PERSONALITY DEVELOPMENT			
Course Code	21UECS21	**L**	**P**	**C**
Category	Skill	2	-	2

Nature of course:	EMPLOYABILITY	**SKILL ORIENTED**	✓	ENTREPRENEURSHIP

Course Objectives:

1. To portray the determinants of personality and the significance of interpersonal skills
2. To explore the factors of personality
3. To explicate the personality traits.
4. To make the students aware on leadership quality.
5. To facilitate the students to set life goals.

Unit: I	Basics of Personality	6

Personality – Determinants: Biological – Heredity – Brain –Physical Characteristics-Significance of Interpersonal skills.

Unit: II	Factors of Personality	6

Personality and Cultural factors – Family Factors – Social and Situational Factors-Self-awareness components.

Unit: III	Personality Traits	6

Personality Traits – Kinds of personality Traits – Personality Theories.

Unit: IV	Leadership	6

Leadership Characters - Functions – Types of Leadership – Perception – Values – Beliefs – Attitudes–Styles theories of leadership– Emotional Intelligence: Meaning – Components-Significance.

Unit: V	Goal Setting	6

Goal Setting –Meaning – Importance- Effective Goal Setting –Principle Goal Setting- Time and Crisis Management – Participation in Group Discussion – Facing Interviews.

	Total Lecture Hours	30

Books for Study:

1. S.P.Sharma., Personality Development, MC Graw Hill Education, Noida, 2018.

Books for References:

1. L.M.Prasad, Business Management, Sultan Chand and Sons ,New Delhi, 2009.
2. Stephen P. Robbins, OrganisationalBehaviour, Prentice Hall of India, New Delhi,   2011.

Web Resources:

Course Outcomes		K Level
CO1:	understand the basics of personality.	**K2**
CO2:	generalize the factors which influence the Personality.	**K3**
CO3:	develop communication skills and personality traits.	**K3**
CO4:	applying the assessment of leadership quality	**K2**
CO5:	focus on Goal setting and stress confiscation techniques.	**K3**

CO & PO Mapping:

COS	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6
CO1	3	2	2	2	3	3
CO2	3	3	1	2	3	2
CO3	3	2	3	3	3	3
CO4	3	3	3	2	3	3
CO5	3	3	1	2	2	3

*3 – Advanced Application; **2 –** Intermediate Development; **1 -** Introductory Level

LESSON PLAN

UNIT	PERSONALITY DEVELOPMENT	Hrs	Mode
I	**Basics of Personality** Personality – Determinants – Biological – Heredity –Brain Physical Characteristics-Significance of Interpersonal skills.	**4** **2**	**Chalk and Talk, PPT**
II	**Factors of Personality** Personality and Cultural factors – Family Factors Social and Situational Factors-Self-awareness components.	**2** **4**	**Chalk and Talk, PPT** **Seminar**
III	**Personality Traits** Personality Traits – Kinds of personality Trait– Personality Theories.	**6**	**Chalk and Talk, PPT** **Assignment**
IV	**Leadership** Leadership Characters - Functions – Leadership – Perception – Values – Beliefs –Attitudes Styles theories of leadership– Emotional Intelligence: Meaning – Components- Significance.	**3** **3**	**Chalk and Talk, PPT**
V	**Goal Setting** Goal Setting –Meaning – Importance- Effective Goal Setting –Principle Goal Setting-Time and Crisis Management – Participation in Group Discussion – Facing Interviews.	**2** **4**	**Chalk and Talk, PPT**

Course Designed by**:**

 Dr.R.Alagesan, Assistant Professor & **Dr.S.Vigneswaran**, Assistant Professor

THIRD SEMESTER

MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS)
DEPARTMENT OF ECONOMICS
(For those who joined in 2021-2022 and after)

Course Name	MONETARY ECONOMICS			
Course Code	21UECC31	L	P	C
Category	Core	5	-	5
Nature of course:	EMPLOYABILITY	SKILL ORIENTED	ENTREPRENEURSHIP	

COURSE OBJECTIVES: This paper explores the Monetary theories and concepts of money and also deals with inflation and deflation. Monetary Economics has intensified greatly with substantial stream of evidence relating to money, banking and finance.

1. To enable the students to understand the concepts and functions of money.
2. To make the students understand the various monetary theories.
3. To evaluate the consequences of functions and role of commercial and central bank.
4. To develop the skill in evaluating recent reforms in Banking System.
5. To provide insights into the causes and effects of Inflation and Deflation condition.

Unit: I Evolution of Money	
Introduction - Barter System – Difficulties in Barter System -Gold Standard- Definition of Money – Evolution– Classification –Functions and Significance of money – Defects - Gresham's Law- Paper Currency Standard – Systems of Note Issue	**15 Hours**
Unit: II Theories of Money	
Quantity Theory of Money: Fisher's Equation – Cambridge Equations – A Comparison between Fisher's and Cambridge Equations – Keynesian Reformulation – Milton Friedman Quantity Theory of Money- Patinkin's Real Balance Effect.	**15 Hours**
Unit: III Commercial and Central Banking	
Commercial Banks: Functions – Credit Creation – Role of Commercial Banks in Economic Development– Central Bank: Functions – Methods of credit control - RBI: Objectives and Functions – Role of RBI in Indian Economy.	**15 Hours**
Unit: IV Reforms in Banking Sector in India	
Recent Reforms in Banking Sector – History – Merits and Demerits – Recent Monetary Policy in India – Raguramrajan's Committee – Measures of money supply in India – Demonetization: Meaning – History – Merits and Demerits – Online Banking: Meaning – Features-Advantages and Disadvantages - Crypto Currency.	**15 Hours**
Unit: V Inflation and Deflation	
Inflation: Meaning – Definition – Types – Causes and Effects of Inflation – Measures -Inflationary Gap – Phillips Curve. **Deflation:** Meaning– Causes and Effects – Measures – Stagflation.	**15 Hours**
Total Lecture Hours	**75**

Book for Study:
1. Dr.S.*Sankaran(2017),* *"*Monetary Economics", Margham Publications, Chennai
2. D.M.Mithani(2010)., "Money Banking Trade and Public Finance" Himalaya Publication,Mumbai.

Reference Books:
1. Seth. M.L(2012), "Monetary Economics", Fourteenth revised edition, Lakshmi Narayan AgarwalEducational Publishers, Agra.

2. Suraj B.Gupta(2014), "Monetary Economics", S.Chand Company Private Limited,New Delhi.
3. Jhingan. M.L(2011), "Monetary Economics", Seventh Edition, Vrinda Publications PrivateLimited, Delhi.

COURSE OUTCOME		K Level
CO1:	understanding the concept of barter system and evolution of money.	**Upto K2**
CO2:	analyzing the different views of Theories of Money.	**Upto K4**
CO3:	evaluate the consequences of functions and role of commercial and central bank.	**Upto K4**
CO4:	develop the skill in evaluating recent reforms in Banking System.	**Upto K4**
CO5:	Gaining Knowledge on the concept of inflation and deflation variations	**Upto K4**

CO & PO Mappings:

CO/PO	PO 1	PO 2	PO 3	PO 4	PO 5	PO6
CO1	3	3	1	3	2	3
CO2	3	2	1	1	2	2
CO3	3	3	1	1	3	2
CO4	3	2	2	2	1	2
CO5	3	3	2	1	3	3

*3 – Advanced Application; **2 –** Intermediate Development; **1 -** Introductory Level

LESSON PLAN

UNIT	SUBJECT NAME	Hrs	Mode
I	Introduction - Barter System – Difficulties in Barter System -Gold Standard- Definition of Money	5	Chalk& Talk, ppt
	Evolution– Classification –Functions and Significance of money – Defects -	5	
	Gresham's Law- Paper Currency Standard – Systems of Note Issue	5	
II	Quantity Theory of Money: Fisher's Equation	4	Chalk& Talk, ppt, Discussion
	Cambridge Equations – A Comparison between Fisher's and Cambridge Equations	4	
	Keynesian Reformulation – Milton Friedman Quantity Theory of Money	5	
	Patinkin's Real Balance Effect.	2	
III	Commercial Banks: Functions – Credit Creation – Role of Commercial Banks in Economic Development– Central Bank: Functions – Methods of credit control - RBI: Objectives and Functions – Role of RBI in Indian Economy.	3 3 4 5	Chalk& Talk, ppt, Discussion, Field Visit
IV	Recent Reforms in Banking Sector – History – Merits and Demerits	5	Chalk& Talk, ppt, Assignment
	Recent Monetary Policy in India – Raguramrajan's Committee – Measures of money supply in India – Demonetization: Meaning – History – Merits and Demerits –	5	
	Online Banking: Meaning – Features-Advantages and Disadvantages - Crypto Currency.	5	
V	**Inflation:** Meaning – Definition – Types – Causes and Effects of Inflation – Measures -Inflationary Gap – Phillips Curve.	10	Chalk& Talk, ppt
	Deflation: Meaning– Causes and Effects – Measures – Stagflation.	5	

Course Designed by: **Dr.S.Vishnu Suba,** Assistant Professor of Economics.

Dr.J.Devikarani, Assistant Professor of Economics.

			Section A		Section B		Section C	Section D
			MCQs		Short Answers		Either or Choice	Open Choice
Internal	Cos	K Level	No. of. Questions	K – Level	No. of. Questions	K – Level		
CIA I	CO1	Up to K2	2	K1,K2	1	K1	2	1
	CO2	Up to K2	2	K1,K2	2	K2	2	1
CIA II	CO4	Up to K4	2	K1,K2	1	K1	2	1
	CO5	Up to K4	2	K1,K2	2	K2	2	1
Question Pattern CIA I & II		No. of Questions to be asked	4		3		4	2
		No. of Questions to be answered	4		3		2	1
		Marks for each question	1		2		5	10
		Total Marks for each section	4		6		10	10

Learning Outcome Based Education & Assessment (LOBE)
Formative Examination – Blue Print
Articulation Mapping – K Levels with Course Outcomes (Cos)

	K Level	Section A (Multiple Choice Questions)	Section B (Short Answer Questions)	Section C (Either / Or Choice)	Section D (Open Choice)	Total Marks	% of (Marks without choice)	Consolidate of %
CIA I	K1	2	2	-	-	4	8	60
	K2	2	4	10	10	26	52	
	K3	-	-	10	10	20	40	40
	K4	-	-	-	-			
	Marks	4	6	20	20	50	100	100
CIA II	K1	2	2			4	8	40
	K2	2	4	10		16	32	
	K3			10	10	20	40	40
	K4				10	10	20	20
	Marks	4	6	20	20	50	100	100

Distribution of Marks with K Level CIA I & CIA II

K1- Remembering and recalling facts with specific answers

K2- Basic understanding of facts and stating main ideas with general answers

K3- Application oriented- Solving Problems

K4- Examining, analyzing, presentation and make inferences with evidences

CO3 will be allotted for individual Assignment which carries five marks as part of CIA component.

S.No	COs	K - Level	MCQs		Short Answers		Section C (Either / or Choice)	Section D (Open Choice)
			No. of Questions	K – Level	No. of Question	K – Level		
1	CO1	**Up to K2**	**2**	**K1&K2**	**1**	**K1**	**2(K1&K1)**	**1(K2)**
2	CO2	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K2&K2)**	**1(K3)**
3	CO3	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K3)**
4	CO4	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K4)**
5	CO5	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K4&K4)**	**1(K3)**
No. of Questions to be Asked			**10**		**5**		**10**	**5**
No.of Questions to be answered			**10**		**5**		**5**	**3**
Marks for each question			**1**		**2**		**5**	**10**
Total Marks for each section			**10**		**10**		**25**	**30**

Summative Examination – Blue Print Articulation Mapping – K Level with Course Outcomes (COs)

(Figures in parenthesis denotes, questions should be asked with the given K level)

K Level	Section A (Multiple Choice Questions)	Section B (Short Answer Questions)	Section C (Either/ or Choice)	Section D (Open Choice)	Total Marks	% of (Marks without choice)	Consolidated %
K1	5	2	10		17	14.16	42
K2	5	8	10	10	33	27.5	
K3			20	30	50	41.66	42
K4			10	10	20	16.66	16
Marks	10	10	50	50	120	100	100

Distribution of Marks with K Level

NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels.

Summative Examinations - Question Paper – Pattern

Section A (Multiple Choice Questions)
Answer All Questions   **(10x1=10 marks)**

Q.No	CO	K Level	Questions
1	CO1	K1	
2	CO1	K2	
3	CO2	K1	
4	CO2	K2	
5	CO3	K1	
6	CO3	K2	
7	CO4	K1	
8	CO4	K2	
9	CO5	K1	
10	CO5	K2	

Section B (Short Answers)
Answer All Questions   **(5x2=10 marks)**

Q.No	CO	K Level	Questions
11	CO1	K1	
12	CO2	K1	
13	CO3	K2	
14	CO4	K2	
15	CO5	K2	

Section C (Either/Or Type)
Answer All Questions   **(5 x 5 = 25 marks)**

Q.No	CO	K Level	Questions
16) a	CO1	K2	
16) b	CO1	K2	
17) a	CO2	K2	
17) b	CO2	K2	
18) a	CO3	K3	
18) b	CO3	K3	
19) a	CO4	K3	
19) b	CO4	K3	
20) a	CO5	K3	
20) b	CO5	K3	

NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels

Section D (Open Choice)
Answer Any Three questions   **(3x10=30 marks)**

Q.No	CO	K Level	Questions
21	**CO1**	**K2**	
22	**CO2**	**K3**	
23	**CO3**	**K3**	
24	**CO4**	**K4**	
25	**CO5**	**K3**	

MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS)
DEPARTMENT OF ECONOMICS
(For those who joined in 2021-2022 and after)

Course Name	MATHEMATICAL METHODS- I			
Course Code	**21UECC32**	**L**	**P**	**C**
Category	Core	4	-	4
Nature of course:	EMPLOYABILITY	**SKILL ORIENTED**		ENTREPRENEURSHIP

COURSE OBJECTIVES: The course is proposed to enable the students to understand the concepts and methods of mathematical techniques

1. To make the students to remember the basic concepts of mathematical operations
2. To equip the students to solve the algebraic functions.
3. To develop the students knowledge on different functions and graphs
4. To familiarize the students to work out the linear and non-linear equations
5. To expose the students to understand the significance of set theory

Unit: I	**Introduction**	12 Hours

Elements of Mathematics – Multiple Operations – Brackets – Fractions – Decimals – Negative Numbers – Powers – Roots and fractional powers – Logarithms - Use of Mathematics in Economics

Unit: II	**Algebra**	12 Hours

Representation – Evaluation – Simplifications: addition and subtraction – multiplication – factorization – division . Solving simple equations – The summation sign($\sum$) – Inequality signs.

Unit: III	**Graphs and Functions**	12 Hours

Functions – Inverse Functions – Graphs of linear functions – fitting linear functions – slope – Non-linear functions – Composite functions – Functions with two independent variables – summing functions horizontally

Unit: IV	**Equations**	12 Hours

Solving Equations: Linear and Non Linear Equations in One variable - Simultaneous Linear Equations in two and three variables – Homogeneous and Heterogeneous equations- Quadratic Equations in one variable.

Unit: V	**Set Theory**	12 Hours

Definition of a set – Types – Equality of sets – Universal set – Operations of sets: Union and Intersection of sets – Difference of sets – Complement of a set – De-Morgan law – Venn diagram.

		Total Lecture Hours	60 Hours

Book for Study:

1. Mehta,B.C.and Madnani,G.M.K,(2003),*Mathematics for Economists*, SultanChand&Sons, NewDelhi
2. Allen R.G.D,(1986), *Mathematical Analysis for Economists*, Macmillan,London.

Book for Reference:
1.Bose D,(2007),*An Introduction to Mathematical Methods,* Himalaya Publishing House, Mumbai
2. A.C Chiang and Kevin   Wainwright, (2015), *Fundamentals Methods of Mathematical Economics*, McGrawHill, UK.

Web Resources

COURSE OUTCOME	**K Level**

At the end of the course, students will be able to		
CO1:	Remember the basic concepts of mathematical operations	**K2**
CO2:	Solve the algebraic functions.	**K3**
CO3:	Classify the different functions and graphs	**K4**
CO4:	Work out the linear and non-linear equations	**K4**
CO5:	Understand the significance of set theory	**K3**

CO & PO Mappings:

CO/PO	PO 1	PO 2	PO 3	PO 4	PO 5	PO6
CO1	3	3	2	1	2	3
CO2	3	3	1	2	2	3
CO3	3	3	2	1	1	2
CO4	3	3	2	2	1	2
CO5	3	3	2	3	1	3

*3 – Advanced Application; **2 –** Intermediate Development; **1 -** Introductory Level

LESSON PLAN

UNIT	SUBJECT NAME	Hrs	Mode
I	**Introduction** Elements of Mathematics – Multiple Operations – Brackets – Fractions – Decimals – Negative Numbers – Powers – Roots and fractional powers – Logarithms - Use of Mathematics in Economics	4 5 3	**Chalk & Talk, PPT Assignment**
II	Representation – Evaluation – Simplifications: addition and subtraction – multiplication – factorization – division . Solving simple equations – The summation sign($\sum$) – Inequality signs.	8 4	**Chalk & Talk, PPT**
III	Functions – Inverse Functions – Graphs of linear functions – fitting linear functions – slope – Non-linear functions – Composite functions – Functions with two independent variables – summing functions horizontally	4 4 4	**Chalk & Talk, PPT**
IV	Solving Equations: Linear and Non Linear Equations in One variable - Simultaneous Linear Equations in two and three variables – Homogeneous and Heterogeneous equations- Quadratic Equations in one variable.	4 4 4	**Chalk & Talk, PPT Seminar**
V	Definition of a set – Types – Equality of sets – Universal set – Operations of sets: Union and Intersection of sets – Difference of sets – Complement of a set – De-Morgan law – Venn diagram.	4 4 4	**Chalk & Talk, PPT Seminar**

Course Designed by: **Dr.S.Palani,** Associate Professor and Head.

Dr.J.Devikarani, Assistant Professor of Economics.

Inte rnal	Cos	K Level	Section A MCQs		Section B Short Answers		Section C Either or Choice	Section D Open Choice
			No. of. Questions	K - Level	No. of. Questions	K - Level		
CI AI	CO1	Up to K2	2	K1,K2	1	K1	2	1
	CO2	Up to K3	2	K1,K2	2	K2	2	1
CI AII	CO3	Up to K4	2	K1,K2	1	K1	2	1
	CO4	Up to K4	2	K1,K2	2	K2	2	1
Question Pattern CIA I & II		No. of Questions to be asked	4		3		4	2
		No. of Questions to be answered	4		3		2	1
		Marks for each question	1		2		5	10
		Total Marks for each section	4		6		10	10

Learning Outcome Based Education & Assessment (LOBE)
Formative Examination - Blue Print
Articulation Mapping – K Levels with Course Outcomes (COs)

	K Level	Section A (Multiple Choice Questions)	Section B (Short Answer Questions)	Section C (Either / Or Choice)	Section D (Open Choice)	Total Marks	% of (Marks without choice)	Consolidate of %
CIA I	K1	2	2	-	-	4	8	60
	K2	2	4	10	10	26	52	
	K3	-	-	10	10	20	40	40
	K4	-	-	-	-			
	Marks	4	6	20	20	50	100	100
CIA II	K1	2	2			4	8	40
	K2	2	4	10		16	32	
	K3			10	10	20	40	60
	K4				10	10	20	
	Marks	4	6	20	20	50	60	100

Distribution of Marks with K Level CIA I & CIA II

K1- Remembering and recalling facts with specific answers

K2- Basic understanding of facts and stating main ideas with general answers

K3- Application oriented- Solving Problems

K4- Examining, analyzing, presentation and make inferences with evidences

CO5 will be allotted for individual Assignment which carries five marks as part of CIA component.

Summative Examination – Blue Print Articulation Mapping – K Level with Course Outcomes (COs)								
S.No	COs	K - Level	MCQs		Short Answers		Section C (Either / or Choice)	Section D (Open Choice)
			No. of Questions	K – Level	No. of Question	K – Level		
1	CO1	**Up to K2**	**2**	**K1&K2**	**1**	**K1**	**2(K1&K1)**	**1(K2)**
2	CO2	**Up to K3**	**2**	**K1&K2**	**1**	**K2**	**2(K2&K2)**	**1(K3)**
3	CO3	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K4)**
4	CO4	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K4)**
5	CO5	**Up to K3**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K3)**
No. of Questions to be Asked			**10**		**5**		**10**	**5**
No.of Questions to be answered			**10**		**5**		**5**	**3**
Marks for each question			**1**		**2**		**5**	**10**
Total Marks for each section			**10**		**10**		**25**	**30**
(Figures in parenthesis denotes, questions should be asked with the given K level)								

Distribution of Marks with K Level							
K Level	Section A (Multiple Choice Questions)	Section B (Short Answer Questions)	Section C (Either/ or Choice)	Section D (Open Choice)	Total Marks	% of (Marks without choice)	Consolidated %
K1	5	2	10		17	14.16	**42**
K2	5	8	10	10	33	27.5	
K3			30	20	50	41.66	**42**
K4				20	20	16.66	**16**
Marks	**10**	**10**	**50**	**50**	**120**	**100**	**100**
NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels.							

Summative Examinations - Question Paper – Pattern

Section A (Multiple Choice Questions)
Answer All Questions (10x1=10 marks)

Q.No	CO	K Level	Questions
1	CO1	K1	
2	CO1	K2	
3	CO2	K1	
4	CO2	K2	
5	CO3	K1	
6	CO3	K2	
7	CO4	K1	
8	CO4	K2	
9	CO5	K1	
10	CO5	K2	

Section B (Short Answers)
Answer All Questions (5x2=10 marks)

Q.No	CO	K Level	Questions
11	CO1	K1	
12	CO2	K1	
13	CO3	K2	
14	CO4	K2	
15	CO5	K2	

Section C (Either/Or Type)
Answer All Questions (5 x 5 = 25 marks)

Q.No	CO	K Level	Questions
16) a	CO1	K2	
16) b	CO1	K2	
17) a	CO2	K3	
17) b	CO2	K3	
18) a	CO3	K4	
18) b	CO3	K4	
19) a	CO4	K3	
19) b	CO4	K3	
20) a	CO5	K3	
20) b	CO5	K3	

NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels

Section D (Open Choice)
Answer Any Three questions (3x10=30 marks)

Q.No	CO	K Level	Questions
21	**CO1**	**K2**	
22	**CO2**	**K3**	
23	**CO3**	**K4**	
24	**CO4**	**K4**	
25	**CO5**	**K3**	

MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS)
DEPARTMENT OF ECONOMICS
(For those who joined in 2021-2022 and after)

Course Name	HISTORY OF ECONOMIC THOUGHT			
Course Code	**21UECA31**	**L**	**P**	**C**
Category	**Allied**	5	-	4
Nature of course:	EMPLOYABILITY	**SKILL ORIENTED**		ENTREPRENEURSHIP

COURSE OBJECTIVES: This paper explores the economic ideas for different school of economists particularly Classical, Neo-Classical, Modern and Indian Economists.

1. To Understand the richness of economic discipline.
2. To familiarize the economic ideas of Classical Economists.
3. To help the students to understand the new classical economists' ideas.
4. To enlighten the students on the ideas of Modern Economists.
5. To gain knowledge on ideas of renowned Indian Economists.

Unit: I Introduction	
Meaning - Nature and Importance of History of Economic Thought – Main Ideas of Mercantilism and Physiocrats – Critical estimate of Mercantilism and Physiocrats.	**15 Hrs**

Unit: II Classical Economists	
Adam Smith: Theory of Value – Free Trade – Taxation - Ricardo : Theory of Rent – International Trade - J.B.Say's Law of Market. T.R.Malthus: Theory of Population - Market Glut -Alfred Marshall :Theory of Value– Representative Firm – Quasi Rent – A.C.Pigou- Concept of Economic Welfare.	**15 Hrs**

Unit: III Neo Classical Economists	
Karl Marx – Ideas for Socialism – Surplus theory of value – Comparison between Marxism and Classicism. Keynes : MEC – Liquidity Preference theory - J.R.Hicks: General equilibrium - Walrasian General equilibrium.	**15 Hrs**

Unit: IVModern Economists	
Samuelson: Revealed Preference theory –J.B.Clark's – Dynamic Theory of Profit – Recent Nobel Laureates - Abhijit Banerjee - Esther Duflo - Charles Lee Isbell.	**15 Hrs**

Unit: V Indian Economists	
Thiruvalluvar – Gandhi - Ranade – J.C.Kumarappa - V.K.R.V.Rao — Ambedkar – Amartya Sen- Manmohan Singh - Raghuram Rajan .	**15 Hrs**

	Total Lecture Hours	75

Book for Study:
1. Loganathan.B(2016), "History of Economic Thought", S.Chand& Company Limited, , New Delhi.

Book for Reference:
1. Jhingan. M.L(2017), "Economic History of India", Vrinda Publications (p) Ltd House, New Delhi.
2. Francis Cherunilam (2020), International Economics, PHI Learning Pvt. Ltd, New Delhi.

Web Resources

COURSE OUTCOME	**K Level**

CO1:	Differentiate the ideas of mercantilism and physiocrats.	Up to K4
CO2:	Compare classical and socialistic Economic thoughts	Up to K4
CO3:	Understand the ideas of Neo-classical economists.	Up to K3
CO4:	Analyse the modern economic theories	Up to K4
CO5:	Grasp the ideas of Indian Economists.	Up to K4

CO & PO Mappings:

CO/PO	PO 1	PO 2	PO 3	PO 4	PO 5	PO6
CO1	3	3	2	1	3	2
CO2	3	3	2	2	2	3
CO3	3	2	2	3	2	2
CO4	3	3	1	2	3	3
CO5	3	3	2	1	2	2

*3 – Advanced Application; **2 –** Intermediate Development; **1 -** Introductory Level

LESSON PLAN

UNIT	SUBJECT NAME	Hrs	Mode
I	Meaning - Nature and Importance of History of Economic Thought Main Ideas of Mercantalism and Physiocrats Critical estimate of Mercantalism and Physiocrats.	5 5 5	**Chalk & talk, ppt**
II	Adam Smith: Theory of Value – Free Trade – Taxation - Ricardo : Theory of Rent – International Trade - J.B.Say's Law of Market. T.R.Malthus: Theory of Population - Market Glut -Alfred Marshall :Theory of Value– Representative Firm – Quasi Rent – A.C.Pigou- Concept of Economic Welfare.	7 8	**Chalk & talk, ppt, Discussion, Assignment**
III	Karl Marx – Ideas for Socialism – Surplus theory of value – Comparison between Marxism and Classicism. Keynes : MEC – Liquidity Preference theory - J.R.Hicks: General equilibrium - Walrasian General equilibrium.	5 5 5	**Chalk & talk, ppt, Discussion**
IV	Samuelson: Revealed Preference theory –J.B.Clark's – Dynamic Theory of Profit – Recent Nobel Laureates - Abhijit Banerjee - Esther Duflo - Charles Lee Isbell.	7 5 3	**Chalk & talk, ppt, Discussion,seminar**
V	Thiruvalluvar – Gandhi - Ranade – J.C.Kumarappa - V.K.R.V.Rao — Ambedkar – Amartya Sen- Manmohan Singh - Raghuram Rajan .	5 5 5	**Chalk & talk, ppt, Discussion**

Course Designed by: Dr.S.Vishnu Suba, Assistant Professor of Economics.

Dr.R.Alagesan, Assistant Professor of Economics.

			Learning Outcome Based Education & Assessment (LOBE) Formative Examination - Blue Print Articulation Mapping – K Levels with Course Outcomes (COs)				
			\multicolumn{2}{c}{Section A MCQs}	\multicolumn{2}{c}{Section B Short Answers}	Section C Either or Choice	Section D Open Choice
Inte rnal	Cos	K Level	No. of. Questions	K - Level	No. of. Questions	K - Level		
CI	CO1	Up to K2	2	K1,K2	2	K1	2	1
AI	CO2	Up to K4	2	K1,K2	1	K2	2	1
CI	CO3	Up to K3	2	K1,K2	2	K1	2	1
AII	CO4	Up to K4	2	K1,K2	1	K2	2	1
Question Pattern CIA I & II		No. of Questions to be asked	4		3		4	2
		No. of Questions to be answered	4		3		2	1
		Marks for each question	1		2		5	10
		Total Marks for each section	4		6		10	10

		Distribution of Marks with K Level CIA I & CIA II							
	K Level	Section A (Multiple Choice Questions)	Section B (Short Answer Questions)	Section C (Either / Or Choice)	Section D (Open Choice)	Total Marks	% of (Marks without choice)	Consolidate of %
CIA I	K1	2	4	-	-	6	12	60
	K2	2	2	10	10	24	48	
	K3	-	-	10	10	20	40	40
	K4	-	-	-	-			
	Marks	4	6	20	20	50	100	100
CIA II	K1	2	2			4	8	40
	K2	2	4	10		16	32	
	K3			10	10	20	40	40
	K4				10	10	20	20
	Marks	4	6	20	20	50	100	100

K1- Remembering and recalling facts with specific answers

K2- Basic understanding of facts and stating main ideas with general answers

K3- Application oriented- Solving Problems

K4- Examining, analyzing, presentation and make inferences with evidences

CO5 will be allotted for individual Assignment which carries five marks as part of CIA component.

			MCQs		Short Answers		Section C	Section D
S.No	**COs**	**K - Level**	**No. of Questions**	**K – Level**	**No. of Question**	**K – Level**	**(Either / or Choice)**	**(Open Choice)**

Summative Examination – Blue Print Articulation Mapping – K Level with Course Outcomes (COs)

S.No	COs	K - Level	MCQs No. of Questions	MCQs K – Level	Short Answers No. of Question	Short Answers K – Level	Section C (Either / or Choice)	Section D (Open Choice)
1	CO1	**Up to K4**	**2**	**K1&K2**	**1**	**K1**	**2(K1&K1)**	**1(K2)**
2	CO2	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K4)**
3	CO3	**Up to K3**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K3)**
4	CO4	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K4)**
5	CO5	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K3)**
No. of Questions to be Asked			**10**		**5**		**10**	**5**
No.of Questions to be answered			**10**		**5**		**5**	**3**
Marks for each question			**1**		**2**		**5**	**10**
Total Marks for each section			**10**		**10**		**25**	**30**
(Figures in parenthesis denotes, questions should be asked with the given K level)								

K Level	Section A (Multiple Choice Questions)	Section B (Short Answer Questions)	Section C (Either/ or Choice)	Section D (Open Choice)	Total Marks	% of (Marks without choice)	Consolidated %
Distribution of Marks with K Level							
K1	5	2	10		17	14.16	33
K2	5	8		10	23	19.16	
K3			40	20	60	50	**50**
K4				20	20	16.66	**17**
Marks	**10**	**10**	**50**	**50**	**120**	**100**	**100**
NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels.								

Summative Examinations - Question Paper – Pattern

Section A (Multiple Choice Questions)
Answer All Questions (10x1=10 marks)

Q.No	CO	K Level	Questions
1	CO1	K1	
2	CO1	K2	
3	CO2	K1	
4	CO2	K2	
5	CO3	K1	
6	CO3	K2	
7	CO4	K1	
8	CO4	K2	
9	CO5	K1	
10	CO5	K2	

Section B (Short Answers)
Answer All Questions (5x2=10 marks)

Q.No	CO	K Level	Questions
11	CO1	K1	
12	CO2	K1	
13	CO3	K2	
14	CO4	K2	
15	CO5	K2	

Section C (Either/Or Type)
Answer All Questions (5 x 5 = 25 marks)

Q.No	CO	K Level	Questions
16) a	CO1	K2	
16) b	CO1	K2	
17) a	CO2	K3	
17) b	CO2	K3	
18) a	CO3	K3	
18) b	CO3	K3	
19) a	CO4	K3	
19) b	CO4	K3	
20) a	CO5	K3	
20) b	CO5	K3	

NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels

Section D (Open Choice)
Answer Any Three questions (3x10=30 marks)

Q.No	CO	K Level	Questions
21	**CO1**	**K2**	
22	**CO2**	**K4**	
23	**CO3**	**K3**	
24	**CO4**	**K4**	
25	**CO5**	**K3**	

MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS)
DEPARTMENT OF ECONOMICS
(For those who joined in 2021-2022 and after)

Course Name	BASICS OF SHARE MARKET			
Course Code	21UECS31	**L**	**P**	**C**
Category	Skill	2	-	2

Nature of course:	EMPLOYABILITY	SKILL ORIENTED	ENTREPRENEURSHIP

COURSE OBJECTIVES:
 This course aims to provide handful of knowledge on the key concepts of Economics.
1. To guide the students to understand the magnitude of investment.
2. To equip the students to remember different types of securities.
3. To enable the students to comprehend the role and nature of Primary Market.
4. To guide the students to interpret NIFTY and Sensex indices.
5. To help the students to familiar with stock market terminologies.

Unit: I Basics of Investment	**6 Hrs**

Investment: Meaning- Importance – Factors influencing Investment- Golden Rules of Investment – Investment Selection Criteria – Types of Investment Plans – Advantages – Disadvantages.

Unit: II Securities and Debentures	**6 Hrs**

Meaning – Types: Shares – Government Securities – Derivative Products – Debentures: Meaning - Difference between Shares and Debentures – SEBI: Objectives – Functions - Mutual Funds.

Unit: III Primary Market	**6 Hrs**

Meaning – Need for Issue Shares – Kinds of Issues of Shares – Key Terms: Face Value – Issue Price – Cut-Off Price – Floor Price – Price Band – Prospectus.

Unit: IV Secondary Market	**6 Hrs**

Meaning – Role – Difference between the Primary Market and Secondary Market – Stock Exchange – Stock Exchanges in India – NSE – BSE – Index: Sensex –Nifty.

Unit: V Basic Terminologies in Stock Market	**6 Hrs**

Bonus Issue – Stock Split- Buy Back – No-Delivery Period – Ex-Date – Dividends – Rolling Settlement – Off Market Settlement – Pay-In and Pay-Out Short Delivery – Bad Delivery – Portfolio – Contract Note – Bull Market – Bear Market – Sideways Market – Small-cap Stocks – Mid-Cap Stocks – Large-Cap Stocks – Day Trading – Derivatives Trading – A Group Shares – B1 Groups Shares – B2 Group Shares – T Group Shares – S Group Shares – Z Group Shares – Over Value Stock – Under Valued Stock.

	Total Lecture Hours	**30**

Books for Study:
1. Jitendra Gala(2007), "Guide to Indian Stock Market", Buzzing Stock Publishing House '3rd Edition.

Book for Reference:
1. Angshuman Adhikari (2018), "Basics of Indian Stock Market", Kindle Edition.
2. Shoba Nahar (2017), "ABCD of Indian Stock Market: Stock Market Beginners Guide", Kindle Edition.
3. Robert T. Kiyosaki (1997), "Rich Dad Poor Dad", , www.motsach.info.

Web Resources:
1. Investopedia. "Margin Trading" Investopedia. "How Dividends Work for Investors", www.investopedia.com.
2. Investopedia. "Investing 101" Investopedia. "ETF Strategies", www.investopedia.com.

COURSE OUTCOME		K Level
On successful completion of the course, the student will be able to		
CO1:	Understand the magnitude of investment.	**Up to K2**
CO2:	Remember different types of securities.	**Up to K2**
CO3:	Comprehend the role and nature of Primary Market.	**Up to K2**
CO4:	Interpret NIFTY and Sensex indices.	**Up to K2**
CO5:	Familiar with stock market terminologies.	**Up to K2**

CO & PO Mappings:

CO/PO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6
CO 1	3	1	1	3	3	2
CO 2	3	2	1	1	2	2
CO 3	3	3	2	3	3	2
CO 4	3	3	2	1	3	3
CO5	3	2	2	2	3	3

*3 –Advanced Application; **2 –** Intermediate Development; **1 –** Introductory Level

LESSON PLAN

UNIT	SUBJECT NAME **Basics of Share Market**	Hrs	Mode
I	Investment: Meaning- Importance – Factors influencing Investment- Golden Rules of Investment – Investment Selection Criteria – Types of Investment Plans – Advantages – Disadvantages.	3 3	**Chalk &Talk,ppt**
II	Meaning – Types: Shares – Government Securities – Derivative Products – Debentures: Meaning - Difference between Shares and Debentures – SEBI: Objectives – Functions - Mutual Funds.	2 2 2	**Chalk &Talk**
III	Meaning – Need for Issue Shares – Kinds of Issues of Shares – Key Terms: Face Value – Issue Price – Cut-Off Price – Floor Price – Price Band – Prospectus.	4 2	**Chalk &Talk Assignment**
IV	Meaning – Role – Difference between the Primary Market and Secondary Market – Stock Exchange – Stock Exchanges in India – NSE – BSE – Index: Sensex –Nifty.	3 3	**Chalk &Talk,ppt**
V	Bonus Issue – Stock Split- Buy Back – No-Delivery Period – Ex-Date – Dividends – Rolling Settlement – Off Market Settlement – Pay-In and Pay-Out Short Delivery – Bad Delivery – Portfolio – Contract Note – Bull Market – Bear Market – Sideways Market – Small-cap Stocks – Mid-Cap Stocks – Large-Cap Stocks – Day Trading – Derivatives Trading – A Group Shares – B1 Groups Shares – B2 Group Shares – T Group Shares – S Group Shares – Z Group Shares – Over Value Stock – Under Valued Stock.	6	**Chalk &Talk, Assignment**

Course Designed by: **Dr.S.Vigneswaran,** Assistant Professor of Economics.

Dr.J.Devikarani, Assistant Professor of Economics.

MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS)
DEPARTMENT OF ECONOMICS
(For those who joined in 2021-2022 and after)

Course Name	FUNDAMENTALS OF ECONOMICS			
Course Code	21UECN31	**L**	**P**	**C**
Category	Non Major Elective	2	-	2
Nature of course:	EMPLOYABILITY	SKILL ORIENTED	ENTREPRENEURSHIP	

COURSE OBJECTIVES: This course aims to provide handful of knowledge on the key concepts of Economics.

1. To guide the students to understand the subject matter of economics.
2. To equip the students with knowledge on key terms of economics.
3. To enable the students to distinguish the role of government and private sectors
4. To guide the students to grasp thorough knowledge on government budget
5. To help the students to categorize different taxation methods

Unit: I Introduction	6 Hours

Economics : Meaning – Wealth, Welfare, and Scarcity Definitions – Subject Matter – Micro Economics and Macro Economics – Economic Laws: Features and Significance – Economic Theory and Practice.

Unit: II Fundamental Concepts	6 Hours

Goods: Classification – Utility – Price – Value – Income – Wealth – Market – Inflation – Exchange Rate – Club Good – Natural Monopoly – Non-excludablity – Non-rivalry in consumption – Public Good.

Unit: III Public and Private Sector	6 Hours

Different Economic Systems: Capitalism – Socialism – Communism – Mixed Economy. The Role of Government – Pure Public Goods – Natural Monopolies - Externalities

Unit: IV Budget	6 Hours

Meaning - Origin of the Budget – Balanced and Unbalanced Budget - Timing – Process – Size – Expenditures – Revenue – Deficit – GDP and GDP Growth Rate. Deficit: Types – Size and Composition – Takeaways on the budget.

Unit: V Taxation and Fiscal Consolidation	6 Hours

Principles of Taxation – Types and Composition of Taxes – The Laffer Curve – Key Terms: Ability to Pay Principle – Benefit Principle – Capital Expenditure – Capital Receipt – Direct Tax – Fiscal Deficit – GDP – Indirect Tax – Primary Deficit – Progressive Income Tax – Proportional Income Tax – Regressive Income Tax – Revenue Deficit – Revenue Expenditure – Revenue Receipt.

	Total Lecture Hours	30

Books for Study:
1. Sathish Y.Deodhar, "Day-to-Day Economics", published by Random House India, 2012.

Book for Reference:
1. James L.Rowe, "Finance and Development: Back to Basics", published by IMF, 2017.
2. Thomas Sowell, "Basic Economics: A Common sense guide to the economy" published by Basic books, New York, 2015.

Web Resources:
1. www.investopedia.com
2. https://ocw.mit.edu/educator/

COURSE OUTCOME		K Level
On successful completion of the course, the student will be able to		
CO1:	Understand the subject matter of economics	Up to K2
CO2:	Acquire the knowledge on key terms of economics.	Up to K2
CO3:	Distinguish the role of government and private sectors	Up to K2
CO4:	Grasp thorough knowledge on government budget	Up to K2
CO5:	Categorize different taxation methods	Up to K2

CO & PO Mappings:

CO/PO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6
CO 1	3	3	3	3	2	3
CO 2	1	3	3	2	3	3
CO 3	3	3	3	3	2	3
CO 4	2	1	2	3	3	2
CO5	3	2	3	2	2	3

*3 –Advanced Application; **2 –** Intermediate Development; **1 –**Introductory Level

LESSON PLAN

UNIT	SUBJECT NAME **Fundamentals of Economics**	Hrs	Mode
I	Economics- Concepts-Definitions Subject Matter Features and significance	2 2 2	Chalk &Talk, ppt
II	Fundamental Terms	6	Chalk &Talk
III	Economic Systems Role of Government - Externalities	2 4	Chalk &Talk Assignment
IV	Budget: Meaning, Types Budget Components	2 4	Chalk &Talk,ppt,
V	Principles of Taxation, Types, Laffer Curve Key Terms.	3 3	Chalk &Talk, Assignment

Course Designed by: **Dr.S.Vigneswaran,** Assistant Professor of Economics.

Dr.S.Palani, Associate Professor and Head, Dept. of Economics.

FOURTH SEMESTER

MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS)
DEPARTMENT OF ECONOMICS
(For those who joined in 2021-2022 and after)

Course Name	INTERNATIONAL ECONOMICS			
Course Code	21UECC41	L	P	C
Category	Core	5	-	4
Nature of course:	EMPLOYABILITY	SKILL ORIENTED	ENTREPRENEURSHIP	

COURSE OBJECTIVES:

This course intends to through some light on International Economics.

1. To make the students to differentiate internal trade and International Trade
2. To facilitate the students to gain depth knowledge on theories of foreign trade.
3. To equip the students to understand the free trade and terms of trade concepts.
4. To facilitate the students to comprehend the term Foreign Exchange.
5. To encourage the students to familiar with the need for Regional Groupings.

Unit: I	Introduction	15 Hours

Meaning – Scope of International Economics – Importance – Difference between Internal and International Trade- Advantages of International Trade – Features of Internal and International Market

Unit: II	Theories of Foreign Trade	15 Hours

Absolute Cost Advantage Theory - Comparative Cost Advantage Theory – Opportunity Cost Theory – Modern Theories: Factor Proportions Theorem – Leontief Paradox – Factor-Price Equalization Theorem.

Unit: III	Terms of Trade	15 Hours

Meaning – Types – Factors affecting Terms of Trade –Terms of Trade in underdeveloped/ developing countries – Free Trade: Meaning – Advantages and Disadvantages – Different protection measures – Free Trade versus Protection.

Unit: IV	Foreign Exchange Market	15 Hours

Meaning – Importance of Foreign Exchange Rate – Mint Parity Theory – Purchasing Power Parity Theory – Balance of Payments and Balance of Trade Types and Causes of Disequilibrium – Methods of Correcting Disequilibrium.

Unit: V	International Organizations and Regional Groupings	15 Hours

IMF – IBRD – ADB – WTO – European Union – SAARC – BRICS – ASEAN: Objectives and Functions

		Total Lecture Hours	75 Hours

Books for Study:

1. Jhingan, M.L,(2005) International Economics, Vrinda Publications Pvt. Ltd., New Delhi.

Book for References:

Mannur, H, (1998) "International Economics", Vikas Publishing House Pvt. Ltd, New Delhi.
Mithani, D,(1998) "International Economics", Himalaya Publishing House, New Delhi.
Velayutham, T,(1998)"Foreign Trade -Theory and Practice", Wheeler Publishing House, New Delhi.
Cherunilam.F, (1997) "International Economics", Tata McGraw Hill Education, Second Edition, New Delhi.

Web Resources:

COURSE OUTCOME	K Level

At the end of the course, students will be able to		
CO1:	differentiate internal trade and International Trade.	**Up to K3**
CO2:	gain depth knowledge on theories of foreign trade.	**Up to K4**
CO3:	understand the free trade and terms of trade concepts.	**Up to K4**
CO4:	comprehend the term Foreign Exchange.	**Up to K3**
CO5:	familiar with the need for International Organizations and Regional Groupings.	**Up to K3**

CO & PO Mappings:

CO/PO	PO 1	PO 2	PO 3	PO 4	PO 5	PO6
CO1	3	3	2	1	2	2
CO2	3	3	2	2	2	2
CO3	3	2	2	2	3	3
CO4	3	3	2	2	2	3
CO5	3	2	2	3	2	3

*3 –Advanced Application; **2 –** Intermediate Development; **1 –** Introductory Level

LESSON PLAN

UNIT	SUBJECT NAME **International Economics**	Hrs	Mode
I	International Economics: Scope, Importance Difference between Internal and International Trade Advantages, Features of Internal and international market	**5** **5** **5**	**Chalk & Talk, PPT**
II	Absolute Cost Advantage Theory, Comparative Cost Theory, Opportunity Cost Theory Modern Theories	**6** **9**	**Chalk & Talk, PPT**
III	Terms of Trade: Meaning, Types and factors affecting ToT Free Trade: Concept, Advantages and disadvantages Protection measures, Free Trade versus Protection	**6** **4** **5**	**Chalk & Talk, PPT**
IV	Foreign Exchange, Importance, Theories Balance of Payments and Balance of Trade Types and causes of disequilibrium	**6** **4** **5**	**Chalk & Talk, PPT Assignment**
V	International Organizations, Regional groupings: Objectives and Functions	**15**	**Chalk & Talk, PPT Assignment**

Course Designed by**: Dr. R. Alagesan,** Assistant Professor of Economics.

Dr.S.Vishnu Suba, Assistant Professor of Economics.

Learning Outcome Based Education & Assessment (LOBE) Formative Examination - Blue Print Articulation Mapping – K Levels with Course Outcomes (COs)								
Inte rnal	Cos	K Level	Section A MCQs		Section B Short Answers		Section C Either or Choice	Section D Open Choice
			No. of Questions	K – Level	No. of Questions	K - Level		
CI AI	CO1	Up to K3	2	K1,K2	1	K1	2	1
	CO2	Up to K3	2	K1,K2	2	K2	2	1
CI AII	CO3	Up to K4	2	K1,K2	1	K1	2	1
	CO4	Up to K4	2	K1,K2	2	K2	2	1
Question Pattern CIA I & II		No. of Questions to be asked	4		3		4	2
		No. of Questions to be answered	4		3		2	1
		Marks for each question	1		2		5	10
		Total Marks for each section	4		6		10	10

Distribution of Marks with K Level CIA I & CIA II								
	K Level	Section A (Multiple Choice Questions)	Section B (Short Answer Questions)	Section C (Either / Or Choice)	Section D (Open Choice)	Total Marks	% of (Marks without choice)	Consolidate of %
CIA I	K1	2	2	-	-	4	8	60
	K2	2	4	10	10	26	52	
	K3	-	-	10	10	20	40	40
	K4	-	-	-	-			
	Marks	4	6	20	20	50	100	100
CIA II	K1	2	2			4	8	40
	K2	2	4	10		16	32	
	K3			10	10	20	40	40
	K4				10	10	20	20
	Marks	4	6	20	20	50	100	100

K1- Remembering and recalling facts with specific answers

K2- Basic understanding of facts and stating main ideas with general answers

K3- Application oriented- Solving Problems

K4- Examining, analyzing, presentation and make inferences with evidences

CO5 will be allotted for individual Assignment which carries five marks as part of CIA component.

S.No	COs	K - Level	MCQs		Short Answers		Section C (Either / or Choice)	Section D (Open Choice)
			No. of Questions	K – Level	No. of Question	K – Level		
1	CO1	**Up to K3**	2	**K1&K2**	1	**K1**	2(K2&K2)	1(K3)
2	CO2	**Up to K3**	2	**K1&K2**	1	**K2**	2(K2&K2)	1(K3)
3	CO3	**Up to K4**	2	**K1&K2**	1	**K2**	2(K3&K3)	1(K4)
4	CO4	**Up to K4**	2	**K1&K2**	1	**K2**	2(K3&K3)	1(K4)
5	CO5	**Up to K3**	2	**K1&K2**	1	**K2**	2(K3&K3)	1(K3)
No. of Questions to be Asked			10		5		10	5
No.of Questions to be answered			10		5		5	3
Marks for each question			1		2		5	10
Total Marks for each section			10		10		25	30

Summative Examination – Blue Print Articulation Mapping – K Level with Course Outcomes (COs)

(Figures in parenthesis denotes, questions should be asked with the given K level)

Distribution of Marks with K Level

K Level	Section A (Multiple Choice Questions)	Section B (Short Answer Questions)	Section C (Either/ or Choice)	Section D (Open Choice)	Total Marks	% of (Marks without choice)	Consolidated %
K1	5	2	--		17	5.83	33
K2	5	8	20		33	27.5	
K3			30	30	60	50	50
K4			--	20	20	16.66	17
Marks	**10**	**10**	**50**	**50**	**120**	**100**	**100**

NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels.

Summative Examinations - Question Paper – Pattern

Section A (Multiple Choice Questions)
Answer All Questions (10x1=10 marks)

Q.No	CO	K Level	Questions
1	CO1	K1	
2	CO1	K2	
3	CO2	K1	
4	CO2	K2	
5	CO3	K1	
6	CO3	K2	
7	CO4	K1	
8	CO4	K2	
9	CO5	K1	
10	CO5	K2	

Section B (Short Answers)
Answer All Questions (5x2=10 marks)

Q.No	CO	K Level	Questions
11	CO1	K1	
12	CO2	K1	
13	CO3	K2	
14	CO4	K2	
15	CO5	K2	

Section C (Either/Or Type)
Answer All Questions (5 x 5 = 25 marks)

Q.No	CO	K Level	Questions
16) a	CO1	K2	
16) b	CO1	K2	
17) a	CO2	K3	
17) b	CO2	K3	
18) a	CO3	K3	
18) b	CO3	K3	
19) a	CO4	K3	
19) b	CO4	K3	
20) a	CO5	K3	
20) b	CO5	K3	

NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels

Section D (Open Choice)
Answer Any Three questions (3x10=30 marks)

Q.No	CO	K Level	Questions
21	**CO1**	**K3**	
22	**CO2**	**K3**	
23	**CO3**	**K4**	
24	**CO4**	**K4**	
25	**CO5**	**K3**	

MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS)
DEPARTMENT OF ECONOMICS
(For those who joined in 2021-2022 and after)

Course Name	**MATHEMATICAL METHODS- II**			
Course Code	**21UECC42**	**L**	**P**	**C**
Category	**Core**	**4**	**-**	**4**
Nature of course:	EMPLOYABILITY	**SKILL ORIENTED**		ENTREPRENEURSHIP

COURSE OBJECTIVES: Enhance the students calculation skill and understanding capacities

1. To help the students to understand the concepts and types of matrix.
2. To make the students to apply analytical geometry to measure the distance.
3. To mold the students to make use of differential calculus for optimization problems.
4. To equip the students to manipulate the partial and total differentiation problems
5. To enhance the students to estimate the producers' surplus and consumers' surplus

Unit: I	**Matrices**	**12 Hours**

Matrix – Meaning – Type – Operations (Addition, Subtraction and Multiplications of Matrix) – Determinants – Properties – Transpose of a Matrix – Inverse of a matrix – Co-factor and Ad-joint Matrix – Solving simultaneous equation by Inverse Matrix Method and Cramer's Rule.

Unit: II	**Analytical Geometry of Two Dimensions**	**12 Hours**

Straight Line: Distance between two points – Equations of a straight line: Two point form, point-slope form, Slope - Intercept form. Point of Intersection of two lines – Concurrent lines- Parallel lines- Perpendicular lines.

Unit: III	**Differential Calculus**	**12 Hours**

Limits and Continuity - Basic rules of differentiation – First and second order derivatives Calculations using addition, subtraction, product, quotient and function of function rule – Finding out MR and MC from TR and TC – Optimum Values of functions of One variable.

Unit: IV	**Partial Differentiation and Total Differentiation**	**12 Hours**

First and second order partial derivatives – Total Differentiation (Simple Problems) – Euler's Theorem. Optimum values of functions of two variables.

Unit: V	**Integral Calculus**	**12 Hours**

Meaning / Definition – Basic rules of integration – Calculation (Simple Problems) – Definite Integral – Estimation of TR and TC from MR and MC – Calculation of Consumer's Surplus and Producer's Surplus.

		Total Lecture Hours	**60 Hours**

Book for Study:

1. Mehta,B.C.andMadnani,G.M.K,(2003),*Mathematics for Economists*, Sultan Chand &Sons, NewDelhi.
2. AllenR.G.D,(1986), Mathematical Analysis for Economists, Macmillan,London.

Book for Reference:

1. BoseD,(2007), An Introduction to Mathematical Methods,Himalaya Publishing House,Mumbai
2. A.C Chiang and Kevin Wainwright, (2015), *Fundamentals Methods   of Mathematical Economics*, McGrawHill, UK.

Web Resources

COURSE OUTCOME	**K Level**

At the end of the course, students will be able to		
CO1:	understand the concepts and types of matrix.	K3
CO2:	apply analytical geometry to measure the distance.	K4
CO3:	make use of differential calculus for optimization problems.	K3
CO4:	manipulate the partial and total differentiation problems.	K4
CO5:	estimate the producers' surplus and consumers' surplus	K3

CO & PO Mappings:

CO/PO	PO 1	PO 2	PO 3	PO 4	PO 5	PO6
CO1	3	3	1	1	2	2
CO2	3	3	2	1	3	3
CO3	3	3	2	2	3	2
CO4	3	3	2	2	3	3
CO5	3	3	2	1	3	3

*3 – Advanced Application; **2 –** Intermediate Development; **1 -** Introductory Level

LESSON PLAN

UNIT	SUBJECT NAME	Hrs	Mode
I	Matrix – Meaning – Type – Operations (Addition, Subtraction and Multiplications of Matrix)	4	**Chalk & Talk.**
	Determinants – Properties – Transpose of a Matrix – Inverse of a matrix – Co-factor and Ad-joint Matrix	4	
	Solving simultaneous equation by Inverse Matrix Method and Cramer's Rule.	4	
II	Straight Line: Distance between two points – Equations of a straight line: Two point form, point-slope form, Slope - Intercept form.	6	**Chalk & Talk, PPT Quiz**
	Point of Intersection of two lines – Concurrent lines- Parallel lines-Perpendicular lines.	6	
III	Limits and Continuity - Basic rules of differentiation – First and second order derivatives	4	**Chalk & Talk, PPT Seminar**
	Calculations using addition, subtraction, product, quotient and function of function rule –	4	
	Finding out MR and MC from TR and TC – Optimum Values of functions of One variable.	4	
IV	First and second order partial derivatives –	4	**Chalk & Talk, PPT**
	Total Differentiation (Simple Problems) – Euler's Theorem.	4	
	Optimum values of functions of two variables.	4	
V	Meaning / Definition – Basic rules of integration – Calculation (Simple Problems)	5	**Chalk & Talk, PPT Assignment**
		4	
	Definite Integral – Estimation of TR and TC from MR and MC – Calculation of Consumer's Surplus and Producer's Surplus.	3	

Course Designed by: **Dr.S.Palani,** Associate Professor and Head.

Dr.J.Devikarani, Assistant Professor of Economics.

			Section A		Section B		Section C	Section D
			MCQs		Short Answers		Section C Either or Choice	Section D Open Choice
Inte rnal	Cos	K Level	No. of. Questions	K – Level	No. of. Questions	K - Level		
CI AI	CO1	Up to K3	2	K1,K2	1	K1	2	1
	CO2	Up to K4	2	K1,K2	2	K2	2	1
CI AII	CO3	Up to K3	2	K1,K2	1	K1	2	1
	CO4	Up to K4	2	K1,K2	2	K2	2	1
Question Pattern CIA I & II		No. of Questions to be asked	4		3		4	2
		No. of Questions to be answered	4		3		2	1
		Marks for each question	1		2		5	10
		Total Marks for each section	4		6		10	10

Learning Outcome Based Education & Assessment (LOBE) Formative Examination - Blue Print Articulation Mapping – K Levels with Course Outcomes (COs)

	K Level	Section A (Multiple Choice Questions)	Section B (Short Answer Questions)	Section C (Either / Or Choice)	Section D (Open Choice)	Total Marks	% of (Marks without choice)	Consolidate of %
Distribution of Marks with K Level CIA I & CIA II								
CIA I	K1	2	2	-	-	4	8	60
	K2	2	4	10	10	26	52	
	K3	-	-	10	10	20	40	40
	K4	-	-	-	-			
	Marks	4	6	20	20	50	100	100
CIA II	K1	2	2			4	8	40
	K2	2	4	10		16	32	
	K3			10	10	20	40	40
	K4				10	10	20	20
	Marks	4	6	20	20	50	100	100

K1- Remembering and recalling facts with specific answers

K2- Basic understanding of facts and stating main ideas with general answers

K3- Application oriented- Solving Problems

K4- Examining, analyzing, presentation and make inferences with evidences

CO5 will be allotted for individual Assignment which carries five marks as part of CIA component.

Summative Examination – Blue Print Articulation Mapping – K Level with Course Outcomes (COs)								
S.No	COs	K - Level	MCQs		Short Answers		Section C (Either / or Choice)	Section D (Open Choice)
			No. of Questions	K – Level	No. of Question	K – Level		
1	CO1	**Up to K3**	**2**	**K1&K2**	**1**	**K1**	**2(K2&K2)**	**1(K3)**
2	CO2	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K4)**
3	CO3	**Up to K3**	**2**	**K1&K2**	**1**	**K2**	**2(K2&K2)**	**1(K3)**
4	CO4	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K4)**
5	CO5	**Up to K3**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K3)**
No. of Questions to be Asked			**10**		**5**		**10**	**5**
No.of Questions to be answered			**10**		**5**		**5**	**3**
Marks for each question			**1**		**2**		**5**	**10**
Total Marks for each section			**10**		**10**		**25**	**30**
(Figures in parenthesis denotes, questions should be asked with the given K level)								

Distribution of Marks with K Level							
K Level	Section A (Multiple Choice Questions)	Section B (Short Answer Questions)	Section C (Either/ or Choice)	Section D (Open Choice)	Total Marks	% of (Marks without choice)	Consolidated %
K1	5	2			7	5.83	**33**
K2	5	8	20		33	27.5	
K3			30	30	60	50	**50**
K4				20	20	16.66	**17**
Marks	**10**	**10**	**50**	**50**	**120**	**100**	**100**
NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels.							

Summative Examinations - Question Paper – Pattern

Section A (Multiple Choice Questions)			
Answer All Questions			**(10x1=10 marks)**
Q.No	**CO**	**K Level**	**Questions**
1	CO1	K1	
2	CO1	K2	
3	CO2	K1	
4	CO2	K2	
5	CO3	K1	
6	CO3	K2	
7	CO4	K1	
8	CO4	K2	
9	CO5	K1	
10	CO5	K2	

Section B (Short Answers)			
Answer All Questions			**(5x2=10 marks)**
Q.No	**CO**	**K Level**	**Questions**
11	CO1	K1	
12	CO2	K1	
13	CO3	K2	
14	CO4	K2	
15	CO5	K2	

Section C (Either/Or Type)			
Answer All Questions			**(5 x 5 = 25 marks)**
Q.No	**CO**	**K Level**	**Questions**
16) a	CO1	K3	
16) b	CO1	K3	
17) a	CO2	K4	
17) b	CO2	K4	
18) a	CO3	K3	
18) b	CO3	K3	
19) a	CO4	K4	
19) b	CO4	K4	
20) a	CO5	K3	
20) b	CO5	K3	

NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels

Section D (Open Choice)			
Answer Any Three questions			**(3x10=30 marks)**
Q.No	**CO**	**K Level**	**Questions**
21	CO1	K3	
22	CO2	K4	
23	CO3	K3	
24	CO4	K4	
25	CO5	K3	

MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS)
DEPARTMENT OF ECONOMICS
(For those who joined in 2021-2022 and after)

Course Name	GENDER ECONOMICS			
Course Code	**21UECA41**	**L**	**P**	**C**
Category	**Allied**	5	-	4
Nature of course:	EMPLOYABILITY	**SKILL ORIENTED**	ENTREPRENEURSHIP	

COURSE OBJECTIVES:
To explore the role of Gender in Societal Development through empowering women.
1. To distinguish between various types of gender-sensitive and feminist thinking.
2. To provide a critical perspective on gender matters in the Society.
3. To make understand the different dimensions of Gender Empowerment.
4. To enable the students to realize about the problem of Gender Violence and Sexual Harassment.
5. To expose the students on the Gender Planning and Development Policies.

Unit: I	**Introduction**	**15 hrs**

Gender: meaning – Classification – Patriarchal Society and Matriarchal Society - Role of women in economic development - Women in development (WID) - Women and Development (WAD) - Gender and Development (GAD).

Unit: II	**Women and Society**	**15 hrs**

Gender division of labor - Gender as power relation - Role of institutions -Gender roles and social relations – Social dimensions of hierarchical power relations in institutions -Status of men and women in society.

Unit: III	**Women Empowerment**	**15 hrs**

Gender in relation to Neo liberalism – Role of Women in Education – Organization – Political - Acquiring different professions- Women Entrepreneurship: Problem – Success Stories.

Unit: IV	**Gender Violence and Sexual Harassment**	**15 hrs**

Gender violence and sexual harassment: Meaning – Sexual Harassment in Working Places - Scope of violence in India – Policies to Protect Women.

Unit: V	**Gender Planning and Development Policies:**	**15 hrs**

Gender Equity Index – Gender Inequality Index – Gender Related Development Index- Paradigm shift from Women's wellbeing to Women's Empowerment – Democratic decentralization - Empowerment through Self-Help group- Future policies for women empowerment.

	Total Lecture Hours	**75**

Books for Study:
1. Lourdes Beneria,(2015) "Gender, Development & Globalisation", 2nd Edition., Routledge Publishing House, USA.

Book for Reference:
1. Boserup, E,(1970) "Women's Role in Economic Development", George Allen and Unwin London.
2. Desai N. and M.K.Raj (Eds), (1979) "Women and Society in India", SNDT University, Bombay.
3. Krishnaraj M. R.M.Sudarshan and A.Shariff,(1999) "Gender, Population and Development, Oxford University Press, New Delhi.
4. Holmes M,(2007) "What is Gender", Sage Publications, New Delhi.

Web Resources

COURSE OUTCOME	**K Level**

On successful completion of the course, the student will be able to	
CO1: understand the recent trends of women's development.	**K3**
CO2: realize the share of women in society upliftment.	**K4**
CO3: Analyze the capacity of women in different sectors.	**K4**
CO4: summarize the abolition of violence and sexual harassment.	**K4**
CO5: remember the different policies of government for financial independency of women.	**K4**

CO & PO Mappings:

CO/PO	PO 1	PO 2	PO 3	PO 4	PO 5	PO6
CO1	**3**	**1**	**1**	**2**	**3**	**3**
CO2	**3**	**2**	**2**	**3**	**2**	**3**
CO3	**3**	**3**	**2**	**3**	**2**	**3**
CO4	**3**	**3**	**2**	**3**	**2**	**3**
CO5	**3**	**2**	**2**	**3**	**2**	**3**

*3 – Advanced Application; **2 –** Intermediate Development; **1 -** Introductory Level

LESSON PLAN

UNIT	Gender Economics	Hrs	Mode
I	Gender: meaning – Classification – Patriarchal Society and Matriarchal Society - Role of women in economic development - Women in development (WID) - Women and Development (WAD) - Gender and Development (GAD).	5 10	**Chalk and Talk, PPT Video Lectures**
II	Gender division of labor - Gender as power relation - Role of institutions Gender roles and social relations – Social dimensions of hierarchical power relations in institutions –Status of men and women in society.	5 10	**Chalk and Talk, PPT Seminar**
III	Gender in relation to Neo liberalism – Role of Women in Education – Organization – Political - Acquiring different professions- Women Entrepreneurship: Problem – Success Stories.	8 7	**Chalk and Talk, PPT Assignment**
IV	Gender violence and sexual harassment: Meaning – Sexual Harassment in Working Places – Scope of violence in India – Policies to Protect Women.	7 8	**Chalk and Talk, PPT**
V	Gender Equity Index – Gender Inequality Index –Gender Related Development Index Paradigm shift from Women's wellbeing to Women's Empowerment Democratic decentralization - Empowerment through Self-Help group- Future policies for women empowerment.	5 10	**Chalk and Talk, PPT**

Course Designed by Dr. R. Alagesan, Assistant Professor of Economics.

Dr. S. Palani, Associate Professor & Head.

Learning Outcome Based Education & Assessment (LOBE) Formative Examination - Blue Print Articulation Mapping – K Levels with Course Outcomes (COs)								
Inte rnal	**Cos**	**K Level**	**Section A**		**Section B**		**Section C Either or Choice**	**Section D Open Choice**
			MCQs		**Short Answers**			
			No. of. Questions	**K - Level**	**No. of. Questions**	**K – Level**		
CI	**CO1**	**Up to K2**	2	**K1,K2**	2	**K1**	2	1
AI	**CO2**	**Up to K4**	2	**K1,K2**	1	**K2**	2	1
CI	**CO3**	**Up to K3**	2	**K1,K2**	2	**K1**	2	1
AII	**CO4**	**Up to K4**	2	**K1,K2**	1	**K2**	2	1
Question Pattern CIA I & II		No. of Questions to be asked	4		3		4	2
		No. of Questions to be answered	4		3		2	1
		Marks for each question	1		2		5	10
		Total Marks for each section	4		6		10	10

Distribution of Marks with K Level CIA I & CIA II								
	K Level	**Section A (Multiple Choice Questions)**	**Section B (Short Answer Questions)**	**Section C (Either / Or Choice)**	**Section D (Open Choice)**	**Total Marks**	**% of (Marks without choice)**	**Consolidate of %**
CIA I	**K1**	2	4	-	-	6	12	60
	K2	2	2	10	10	24	48	
	K3	-	-	10	10	20	40	40
	K4	-	-	-	-			
	Marks	4	6	20	20	50	100	100
CIA II	**K1**	2	2			4	8	40
	K2	2	4	10		16	32	
	K3			10	10	20	40	40
	K4				10	10	20	20
	Marks	4	6	20	20	50	100	100

K1- Remembering and recalling facts with specific answers

K2- Basic understanding of facts and stating main ideas with general answers

K3- Application oriented- Solving Problems

K4- Examining, analyzing, presentation and make inferences with evidences

CO5 will be allotted for individual Assignment which carries five marks as part of CIA component.

Summative Examination – Blue Print Articulation Mapping – K Level with Course Outcomes (COs)								
S.No	COs	K - Level	MCQs		Short Answers		Section C (Either / or Choice)	Section D (Open Choice)
			No. of Questions	K – Level	No. of Question	K – Level		
1	CO1	**Up to K3**	**2**	**K1&K2**	**1**	**K1**	**2(K2&K2)**	**1(K2)**
2	CO2	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K4)**
3	CO3	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K3)**
4	CO4	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K4)**
5	CO5	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K3)**
No. of Questions to be Asked			**10**		**5**		**10**	**5**
No.of Questions to be answered			**10**		**5**		**5**	**3**
Marks for each question			**1**		**2**		**5**	**10**
Total Marks for each section			**10**		**10**		**25**	**30**
(Figures in parenthesis denotes, questions should be asked with the given K level)								

Distribution of Marks with K Level							
K Level	Section A (Multiple Choice Questions)	Section B (Short Answer Questions)	Section C (Either/ or Choice)	Section D (Open Choice)	Total Marks	% of (Marks without choice)	Consolidated %
K1	5	2			7	5.83	33
K2	5	8	10	10	33	27.5	
K3			40	20	60	50	**50**
K4				20	20	16.66	**17**
Marks	**10**	**10**	**50**	**50**	**120**	**100**	**100**
NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels.							

Summative Examinations - Question Paper – Pattern

Section A (Multiple Choice Questions)			
Answer All Questions			**(10x1=10 marks)**
Q.No	CO	K Level	Questions
1	CO1	K1	
2	CO1	K2	
3	CO2	K1	
4	CO2	K2	
5	CO3	K1	
6	CO3	K2	
7	CO4	K1	
8	CO4	K2	
9	CO5	K1	
10	CO5	K2	

Section B (Short Answers)			
Answer All Questions			**(5x2=10 marks)**
Q.No	CO	K Level	Questions
11	CO1	K1	
12	CO2	K1	
13	CO3	K2	
14	CO4	K2	
15	CO5	K2	

Section C (Either/Or Type)			
Answer All Questions			**(5 x 5 = 25 marks)**
Q.No	CO	K Level	Questions
16) a	CO1	K2	
16) b	CO1	K2	
17) a	CO2	K3	
17) b	CO2	K3	
18) a	CO3	K3	
18) b	CO3	K3	
19) a	CO4	K3	
19) b	CO4	K3	
20) a	CO5	K3	
20) b	CO5	K3	

NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels

Section D (Open Choice)			
Answer Any Three questions			**(3x10=30 marks)**
Q.No	CO	K Level	Questions
21	**CO1**	**K2**	
22	**CO2**	**K4**	
23	**CO3**	**K3**	
24	**CO4**	**K4**	
25	**CO5**	**K3**	

MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS)
DEPARTMENT OF ECONOMICS
(For those who joined in 2021-2022 and after)

Course Name	ECONOMICS FOR COMPETITIVE EXAMINATIONS			
Course Code	21UECS41	**L**	**P**	**C**
Category	**Skill**	2	-	2
Nature of course:	**EMPLOYABILITY**	SKILL ORIENTED	ENTREPRENEURSHIP	

COURSE OBJECTIVES: This course aims to offer handful of knowledge and confident to meet competitive exams.

1. To enable the students to understand the preliminary concepts of Micro Economics.
2. To Equip the students to remember the key concepts in Macro Economics.
3. To Enable the students to comprehend a outlook on Monetary and Fiscal Economics.
4. To Guide the students to recall the concepts on International Economics.
5. To help the students to figure out the anatomy of Indian Economy

Unit: I Indian Economy	6 Hours

Indian Economy: Nature - Structure – Five year plan models – an assessment – Planning Commission and Niti Ayog.

Unit: II Reforms in Indian Economy	6 Hours

Employment Generation, Land reforms and Agriculture - Application of Science and Technology in agriculture - Industrial growth - Rural welfare oriented programmes – Social problems – Population, education, health, employment and poverty.

Unit: III Federal Finance	6 Hours

Sources of revenue – Reserve Bank of India – Fiscal Policy and Monetary Policy - Finance Commission – Resource sharing between Union and State Governments - Goods and Services Tax.

Unit: IV Foreign Trade	6 Hours

Salient features of India's foreign trade - Composition, Direction and Organisation of trade - Recent changes in trade - Balance of payments - Tariff policy - Exchange rate - India and WTO requirements.

Unit: V Global Institutions	6 Hours

UN agencies dealing with economic aspects - World Bank – IMF – WTO – ADB – G-20 – BRICS – SAARC – ASEAN

	Total Lecture Hours	30

Books for Study:
1. Sangarganesh Karuppiah (2020), "Indian Economy Key Concepts", Sixth Edition, Mc Graw Hill India, New Delhi.

Book for Reference:
1.Mithani, D.M.,(2016)"Money, Banking, International trade & Public finance", Himalaya Publishing House, Mumbai.
2. Paul Krugman, Maurice Obstfeld, and Marc Melitz, (2012), "International Economics: Theory and Policy, Addison-Wesley (Pearson Education Indian Edition), 9th edition.
3. Dutt and Sundaram,(2013) "Indian Economy", S.Chand Company Limited, New Delhi.
4. Uma Kapila,(2017) "Indian Economy, Policy and Performance" Himalaya Publishing House, Mumbai.

Web Resources

COURSE OUTCOME	K Level
On successful completion of the course, the student will be able to	
CO1: understand the preliminary concepts of Micro Economics.	**K2**

CO2:	remember the key concepts in Macro Economics.	K2
CO3:	comprehend a outlook on Monetary and Fiscal Economics	K2
CO4:	recall the concepts on International Economics	K2
CO5:	figure out the anatomy of Indian Economy	K2

CO & PO Mappings:

CO/PO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6
CO 1	3	3	2	1	2	2
CO 2	3	2	2	2	3	3
CO 3	3	2	2	2	2	3
CO 4	3	2	1	2	2	2
CO5	3	3	1	2	2	2

*3 –Advanced Application; **2 –** Intermediate Development; **1 –** Introductory Level

LESSON PLAN

UNIT	SUBJECT NAME **Basics of Share Market**	Hrs	Mode
I	Indian Economy: Nature - Structure – Five year plan models – an assessment – Planning Commission and Niti Ayog.	5 1	Chalk &Talk, ppt
II	Employment Generation, Land reforms and Agriculture - Application of Science and Technology in agriculture - Industrial growth - Rural welfare oriented programmes – Social problems – Population, education, health, employment and poverty.	5 1	Chalk &Talk, ppt
III	Sources of revenue – Reserve Bank of India – Fiscal Policy and Monetary Policy - Finance Commission – Resource sharing between Union and State Governments - Goods and Services Tax.	5 1	Chalk &Talk Assignment
IV	Salient features of India's foreign trade - Composition, Direction and Organisation of trade - Recent changes in trade - Balance of payments - Tariff policy - Exchange rate - India and WTO requirements.	5 1	Chalk &Talk,ppt
V	UN agencies dealing with economic aspects - World Bank – IMF – WTO – ADB – G-20 – BRICS – SAARC – ASEAN	5 1	Chalk &Talk, Assignment

Course Designed by:, **Dr.S.Vishnu Suba**, Assistant Professor of Economics.
Dr.R.Alagesan Assistant Professor of Economics.

MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS)
DEPARTMENT OF ECONOMICS
(For those who joined in 2021-2022 and after)

Course Name	BUDGETARY ANALYSIS			
Course Code	21UECN41	**L**	**P**	**C**
Category	Non Major Elective	2	-	2
Nature of course:	**EMPLOYABILITY**	SKILL ORIENTED		ENTREPRENEURSHIP

COURSE OBJECTIVES: This course aims to provide handful of knowledge on the key concepts of Economics.

1. To guide the students to assess the role of budget in an economy.
2. To equip the students to Understand the key terms of budget.
3. To enable the students to familiar with budgetary procedures.
4. To make aware the students to enactment of budget.
5. To help the students to understand the role of local finance in sustainable development.

Unit: I Introduction	6 Hours

Budget: Meaning - Definition – Importance – Features – Objectives - Types. Budgetary Policy – Budgetary Trend in India since Independence.

Unit: II Components of Budget	6 Hours

Revenue Budget: Revenue Receipts – Tax Revenue – Non Tax Revenue – Direct Tax and Indirect Tax – Revenue Expenditure – Capital Budget: Capital Receipts – Capital Expenditure.

Unit: III Budgetary Procedures	6 Hours

Budgetary Procedures – Preparation of the Budget – Rules to be followed in the preparation of the budget – Framing of the budget – FRBM Act.

Unit: IV Enactment of Budget	6 Hours

Enactment of Budget – The voting of the budget – Execution of the Budget – Parliamentary Control over Finance – Financial Administration – Guiding Principles of Financial Administration

Unit: V Local Finance	6 Hours

Meaning of Local Finance – Village Panchayat – Panchayat Samiti – Zila Parishad – Municipalities – Municipal Corporations – Finances of Local Bodies.

	Total Lecture Hours	30

Books for Study:
1. S.P. Ganguly(2000), **"Fundamentals of Government Budgeting in India"**, Concept Publishing Co.,New Delhi.

Book for Reference:
1. James L.Rowe, "Finance and Development: Back to Basics", published by IMF, 2017.
2. Thomas Sowell, "Basic Economics: A Common sense guide to the economy" published by Basic books, New York, 2015.

Web Resources

COURSE OUTCOME	K Level
On successful completion of the course, the student will be able to	
CO1: Guide the students to assess the role of budget in an economy.	**K2**
CO2: Equip the students to Understand the key terms of budget.	**K2**

CO3:	Enable the students to familiar with budgetary procedures.	K2
CO4:	Make aware the students to enactment of budget.	K2
CO5:	Help the students to understand the role of local finance in sustainable development.	K2

CO & PO Mappings:

CO/PO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6
CO 1	3	3	3	3	2	3
CO 2	1	3	3	2	3	3
CO 3	3	3	3	3	2	3
CO 4	2	1	2	3	3	2
CO5	3	2	3	2	2	3

*3 –Advanced Application; **2 –** Intermediate Development; **1 –** Introductory Level

LESSON PLAN

UNIT	SUBJECT NAME **Budgetary Analysis**	Hrs	Mode
I	Budget: Meaning - Definition – Importance – Features – Objectives - Types. Budgetary Policy – Budgetary Trend in India since Independence.	3 3	Chalk &Talk,ppt
II	Revenue Budget: Revenue Receipts – Tax Revenue – Non Tax Revenue – Direct Tax and Indirect Tax – Revenue Expenditure – Capital Budget: Capital Receipts – Capital Expenditure.	6	Chalk &Talk
III	Budgetary Procedures – Preparation of the Budget – Rules to be followed in the preparation of the budget – Framing of the budget – FRBM Act.	2 4	Chalk &Talk Assignment
IV	Enactment of Budget – The voting of the budget – Execution of the Budget – Parliamentary Control over Finance – Financial Administration – Guiding Principles of Financial Administration	3 3	Chalk &Talk,ppt
V	Meaning of Local Finance – Village Panchayat – Panchayat Samiti – Zila Parishad – Municipalities – Municipal Corporations – Finances of Local Bodies.	2 4	Chalk &Talk, Assignment

Course Designed by: **Dr.S.Vigneswaran,** Assistant Professor of Economics.

Dr.R.Alagesan, Assistant Professor of Economics.

FIFTH SEMESTER

MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS)
DEPARTMENT OF ECONOMICS
(For those who joined in 2021-2022 and after)

Course Name	MACRO ECONOMICS-I			
Course Code	21UECC51	L	P	C
Category	Core	6	-	4
Nature of course:	EMPLOYABILITY	SKILL ORIENTED	ENTREPRENEURSHIP	

COURSE OBJECTIVES: This paper explores the basic concepts and theories of Macro Economics.

1: To Understand the Concepts of Macro Economics.
2: To assess the Measurement of National Income.
3: To evaluate the Theories of Employment.
4: To analyze the different Theories of Consumption Function.
5: To remember Keynesian Consumption Function.

Unit: I Nature and Scope of Macro Economics	
Meaning – Scope - Difference between Micro and Macro Economics – Importance and Limitations– Static and Dynamic - Circular Flow of Income: Two – Three and Four Sector Models	**18 Hours**
Unit: II National Income	
Concept and Definition: National Income - Per-capita income – Disposable Income- Personal Income- Real Income – GDP – Difference between GDP and Green GDP - GNP, NNP and NNI – Methods of Measuring National Income – Difficulties in computation of National Income – National Income and Social Welfare – Uses.	**18 Hours**
Unit: III Theories of Employment	
Meaning-Full Employment - Under Employment – Kinds of Unemployment – Classical Theory of Employment: Say's Law of Market – Pigou's view of Unemployment – Keynesian theory of Employment – Savings and Investment approach – A Comparison of Classical and Keynesian Theory of Employment.	**18 Hours**
Unit: IV Keynesian Consumption Function	
Keynesian Psychological Law of Consumption – Significance of Keynes's Law – Propensity to consume – APC and MPC – Determinants of Propensity to consume, Effective demand.	**18 Hours**
Unit: V Investment Function	
Investment function – Meaning – Types – Determinants of Investment – Difference between Autonomous Investment and Induced Investment – Factors determining Investment Function – Marginal Efficiency of Capital and Rate of Interest – Investment Demand Schedule - Marginal Efficiency of Investment (MEI) –Definition – Measurement.	**18 Hours**
Total Lecture Hours	**90**

Books for Study:
1. Sankaran .S, (2016), Macro Economics, Margham Publications.
2. JhinganM.L, (2014), Macro Economic Theory, Vrinda Publications Pvt. Ltd, 12th Edition.

Books for References:
1. Tyagi.R, (2016), Macro Economics – An Analysis, Ancient Publishing House.
2. Gupta, K.R., Mandal, R.K. and Anitha Gupta (2008), Macro Economics, Atlantic Publishers, New Delhi.
3. Deepa shree, Vanita Agarwal, (2007), Macro Economics, Tata McGraw –Hill Publishing Company Ltd, New Delhi.
4. Ahuja, H.L, (2007), Macro Economics Theory and Policy – Advanced Analysis, S. Chand & Company Ltd, New Delhi.

Web Resources:
1. **https://edge.sagepub.com/sextonmacro8e**
2. **https://openstax.org/details/books/principles-macroeconomics-2e**
3. **https://guides.baker.edu/c.php?g=303189&p=5879126**
4. **https://homepage.univie.ac.at/robert.kunst/macro1.pdf**

COURSE OUTCOME	K Level
CO1: Understand the Concepts of Macro Economics.	**Up to K3**
CO2: Asses the Measurement of National Income.	**Up to K4**
CO3: Evaluate the Theories of Employment.	**Up to K4**
CO4: Analyze the different Theories of Consumption Function.	**Up to K4**
CO5: Remember Keynesian Consumption Function.	**Up to K4**

CO & PO Mappings:

CO/PO	PO 1	PO 2	PO 3	PO 4	PO 5	PO6
CO1	3	2	1	2	2	3
CO2	3	2	1	3	2	2
CO3	3	3	2	3	3	3
CO4	3	3	1	2	2	3
CO5	3	3	1	1	3	3

*3 – Advanced Application; **2 –** Intermediate Development; **1 -** Introductory Level

LESSON PLAN

UNIT	SUBJECT NAME **Macro Economics - I**	Hrs	Mode
I	Meaning – Scope - Difference between Micro and Macro Economics – Importance and Limitations– Static and Dynamic - Circular Flow of Income: Two – Three and Four Sector Models	**8** **8** **2**	Chalk& Talk,ppt
II	Concept and Definition: National Income - Per-capita income – Disposable Income- Personal Income- Real Income – GDP – Difference between GDP and Green GDP - GNP, NNP and NNI – Methods of Measuring National Income – Difficulties in computation of National Income – National Income and Social Welfare – Uses.	**6** **6** **6**	Chalk& Talk, ppt,Seminar
III	Meaning-Full Employment - Under Employment – Kinds of Unemployment – Classical Theory of Employment: Say's Law of Market – Pigou's view of Unemployment – Keynesian theory of Employment – Savings and Investment approach – A Comparison of Classical and Keynesian Theory of Employment.	**6** **3** **4** **5**	Chalk& Talk,ppt, Discussion,
IV	Keynesian Psychological Law of Consumption – Significance of Keynes's Law – Propensity to consume – APC and MPC – Determinants of Propensity to consume, Effective demand.	**8** **5** **5**	Chalk& Talk, ppt, Assignment
V	Investment function – Meaning – Types – Determinants of Investment – Difference between Autonomous Investment and Induced Investment – Factors determining Investment Function – Marginal Efficiency of Capital and Rate of Interest – Investment Demand Schedule - Marginal Efficiency of Investment (MEI) –Definition – Measurement.	**10** **3** **5**	Chalk& Talk, ppt

Course Designed by: **Dr.R.Alagesan,** Assistant Professor of Economics.

Dr.S.Vishnu Suba, Assistant Professor of Economics.

			Section A		Section B		Section C	Section D
			MCQs		**Short Answers**		**Either or Choice**	**Open Choice**
Internal	**Cos**	**K Level**	**No. of. Questions**	**K - Level**	**No. of. Questions**	**K – Level**		
CI	**CO1**	Up to K3	2	K1	1	K2	2(K2,K2)	1 (K2)
AI	**CO2**	Up to K4	2	K2	2	K1	2(K3,K3)	1 (K3)
CI	**CO3**	Up to K4	2	K1	1	K2	2(K2,K2)	1 (K2)
AII	**CO4**	Up to K4	2	K2	2	K3	2(K3,K3)	1 (K4)
Question Pattern CIA I & II	No. of Questions to be asked		4		3		4	2
	No. of Questions to be answered		4		3		2	1
	Marks for each question		1		2		5	10
	Total Marks for each section		4		6		10	10

Learning Outcome Based Education & Assessment (LOBE)
Formative Examination - Blue Print
Articulation Mapping – K Levels with Course Outcomes (COs)

	K Level	**Section A (Multiple Choice Questions)**	**Section B (Short Answer Questions)**	**Section C (Either / Or Choice)**	**Section D (Open Choice)**	**Total Marks**	**% of (Marks without choice)**	**Consolidate of %**
CIA I	**K1**	2	4	-		6	12	60
	K2	2	2	10	10	24	48	
	K3	-	-	10	10	20	40	40
	K4	-	-	-		-	-	-
	Marks	4	6	20	20	50	-	100
CIA II	**K1**	2	-	-		2	4	52
	K2	2	2	10	10	24	48	
	K3	-	4	10		14	28	28
	K4	-	-	-	10	10	20	20
	Marks	4	6	20	20	50	100	100

Distribution of Marks with K Level CIA I & CIA II

K1- Remembering and recalling facts with specific answers

K2- Basic understanding of facts and stating main ideas with general answers

K3- Application oriented- Solving Problems

K4- Examining, analyzing, presentation and make inferences with evidences

CO5 will be allotted for individual Assignment which carries five marks as part of CIA component.

Summative Examination – Blue Print Articulation Mapping – K Level with Course Outcomes (COs)							
			MCQs		**Short Answers**		**Section C (Either / or Choice)**	**Section D (Open Choice)**
S.No	**COs**	**K - Level**	**No. of Questions**	**K – Level**	**No. of Question**	**K – Level**	**Section C (Either / or Choice)**	**Section D (Open Choice)**
1	CO1	**Up to K3**	**2**	**K1&K2**	**1**	**K1**	**2(K1&K1)**	**1(K2)**
2	CO2	**Up to K4**	**2**	**K1&K2**	**1**	**K1**	**2(K2&K2)**	**1(K3)**
3	CO3	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K3)**
4	CO4	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K4)**
5	CO5	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K4&K4)**	**1(K3)**
No. of Questions to be Asked			**10**		**5**		**10**	**5**
No.of Questions to be answered			**10**		**5**		**5**	**3**
Marks for each question			**1**		**2**		**5**	**10**
Total Marks for each section			**10**		**10**		**25**	**30**
(Figures in parenthesis denotes, questions should be asked with the given K level)							

Distribution of Marks with K Level							
K Level	**Section A (Multiple Choice Questions)**	**Section B (Short Answer Questions)**	**Section C (Either/ or Choice)**	**Section D (Open Choice)**	**Total Marks**	**% of (Marks without choice)**	**Consolidated %**
K1	5	4	10		19	15.83	41
K2	5	6	10	10	31	25.83	
K3			20	30	50	41.66	42
K4			10	10	20	16.66	17
Marks	10	10	50	50	120	100	100
NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels.							

Summative Examinations - Question Paper – Pattern

Section A (Multiple Choice Questions)
Answer All Questions (10x1=10 marks)

Q.No	CO	K Level	Questions
1	CO1	K1	
2	CO1	K2	
3	CO2	K1	
4	CO2	K2	
5	CO3	K1	
6	CO3	K2	
7	CO4	K1	
8	CO4	K2	
9	CO5	K1	
10	CO5	K2	

Section B (Short Answers)
Answer All Questions (5x2=10 marks)

Q.No	CO	K Level	Questions
11	CO1	K1	
12	CO2	K1	
13	CO3	K2	
14	CO4	K2	
15	CO5	K2	

Section C (Either/Or Type)
Answer All Questions (5 x 5 = 25 marks)

Q.No	CO	K Level	Questions
16) a	CO1	K1	
16) b	CO1	K1	
17) a	CO2	K2	
17) b	CO2	K2	
18) a	CO3	K3	
18) b	CO3	K3	
19) a	CO4	K3	
19) b	CO4	K3	
20) a	CO5	K4	
20) b	CO5	K4	

NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels

Section D (Open Choice)
Answer Any Three questions (3x10=30 marks)

Q.No	CO	K Level	Questions
21	**CO1**	**K2**	
22	**CO2**	**K3**	
23	**CO3**	**K3**	
24	**CO4**	**K4**	
25	**CO5**	**K3**	

MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS)
DEPARTMENT OF ECONOMICS
(For those who joined in 2021-2022 and after)

Course Name	FISCAL ECONOMICS			
Course Code	21UECC52	**L**	**P**	**C**
Category	Core	6	-	4
NATURE OF COURSE:	EMPLOYABILITY	SKILL ORIENTED		ENTREPRENURSHIP

COURSE OBJECTIVES: Make the students to acquire the adequate knowledge on scope, taxation and fiscal policy of public finance system of an economy.

1. To acquaint the students with the nature and scope of public finance.
2. To enable the students to understand the major sources of public revenue.
3. To help the students to analyze the growth of public expenditure.
4. To expose the students to understand methods of debt redemption.
5. To gain knowledge on budget, fiscalpolicy and financecommission.

Unit: I Introduction

Meaning – Definition – Scope of Public Finance – Distinguish between Private and Public Finance - Principle of Maximum Social Advantage – Role of Government in Mixed Economy.	**18 Hours**

Unit: IIPublic Revenue

Meaning – Sources of Public Revenue –Direct and Indirect Taxes – Canons of Taxation – Types: Progressive, Proportional , Regressiveand Degressive Taxation – Impact and Incidence - Shifting of Taxation – Taxable Capacity: Meaning – Factors determining TaxableCapacityGST: Concept - Advantages and Disadvantages.	**18 Hours**

Unit: III Public Expenditure

Meaning – Classification – Causes for the Growth of Public Expenditure –Peacock wiseman Hypothesis - Effects - Control of Public Expenditure– Comparison between Public and Private Expenditure.	**18 Hours**

Unit: IV Public Debt

Meaning – Sources of Public Borrowing – Classification - Importance – Burden of Public Debt – Methods of Debt Redemption – Growth of Public Debt in Under Developed countries.	**18 Hours**

Unit: V Budget and Fiscal Policy

Budget :Meaning – Principles of Budget – Qualities of a good Budget – Zero based Budget – Fiscal policy: Objectives – Role of FiscalPolicy an underdeveloped countries –Centre and State Financial Relations – Functions and Recommendations of the 13th and 14th Finance Commission.	**18 Hours**

		Total Lecture Hours	90

Books for Study:

1. B.P.Tyagi and H.P. Singh, (2019), – Public Finance, Jaiprakash Nath& Co, Meerut.

Books for References:

1. Richard Musgrave, (2017), Public Finance in Theory and Practice, McGraw Hill Education; 5th edition.

2. Sundaram.K.P, (2009), Public Finance Theory and Practice, S.Chand & Co, New Delhi.
3. Bhatia, (2009), Public Finance, New Century Book House, New Delhi.
Baidyanath Misra, (2008), Economics of Public Finance, S.Chand & Co, New Delhi.
4. Cauvery, SudhaNayak, (2008), Public Finance, S.Chand & Co, New Delhi.

Web Resources:

1. **https://www.masterypedia.com/2020/08/public-finance-and-its-significance-in.html.html?m=1**
2. **https://www.yourarticlelibrary.com/finance/public-revenue-meaning-tax-revenue-non-tax-revenue-with-classification-of-public-revenue/26277**
3. **https://www.economicsdiscussion.net/cost-accounting/budget/32753**
4. **https://iasgatewayy.com/public-finance/**

EXPECTED COURSE OUTCOME On successful completion of the course, the student will be able to	K Level
CO1: Acquaint the students with the nature and scope of public finance.	**Up to K2**
CO2: Enable the students to understand the major sources of public revenue.	**Up to K4**
CO3: Help the students to analyze the growth of public expenditure.	**Up to K4**
CO4: Expose the students to understand some methods of debt redemption.	**Up to K4**
CO5: Gain knowledge on budget, fiscal policy and finance commission.	**Up to K4**

CO & PO Mappings:

CO/PO	PO 1	PO 2	PO 3	PO 4	PO 5	PO6
CO1	3	2	2	3	3	3
CO2	3	3	2	2	3	2
CO3	2	3	1	3	2	3
CO4	2	2	1	3	3	3
CO5	3	2	1	3	2	2

*3 – Advanced Application; **2 –** Intermediate Development; **1 -** Introductory Level

LESSON PLAN

UNIT	SUBJECT NAME Fiscal Economics	Hrs	Mode
I	Meaning – Definition – Scope of Public Finance – Distinguish between Private and Public Finance - Principle of Maximum Social Advantage – Role of Government in Mixed Economy.	6 2 6 4	Chalk & talk, ppt
II	Meaning – Sources of Public Revenue –Direct and Indirect Taxes – Canons of Taxation – Types: Progressive, Proportional , Regressiveand Degressive Taxation – Impact and Incidence - Shifting of Taxation – Taxable Capacity: Meaning – Factors determining TaxableCapacityGST: Concept - Advantages and Disadvantages.	3 5 4 3 3	Chalk & talk, ppt, Discussion, Quiz
III	Meaning – Classification – Causes for the Growth of Public Expenditure –Peacock wiseman Hypothesis - Effects - Control of Public Expenditure– Comparison between Public and PrivateExpenditure.	4 5 6 3	Chalk & talk, ppt, Discussion, seminar
IV	Meaning – Sources of Public Borrowing – Classification - Importance – Burden of Public Debt – Methods of Debt Redemption – Growth of Public Debt in Under Developed countries.	3 4 5 6	Chalk & talk, ppt, Discussion, Assignment
V	Budget: Meaning – Principles of Budget – Qualities of a good Budget – Zero based Budget – Fiscal policy: Objectives – Role of FiscalPolicy an underdeveloped countries –Centre and State Financial Relations – Functions and Recommendations of the 13th and 14th Finance Commission.	2 3 5 3 5	Chalk & talk, ppt, Discussion, Guest Lecture

Course Designed by: **Dr.S.Vishnu Suba,** Assistant Professor of Economics.

Dr.S.Palani, Associate Professor and Head of Economics.

Learning Outcome Based Education & Assessment (LOBE) Formative Examination - Blue Print Articulation Mapping – K Levels with Course Outcomes (COs)								
Internal	**Cos**	**K Level**	**Section A**		**Section B**		**Section C Either or Choice**	**Section D Open Choice**
			MCQs		**Short Answers**			
			No. of. Questions	**K - Level**	**No. of. Questions**	**K – Level**		
CI AI	**CO1**	Up to K2	2	K1	1	K2	2 (K2,K2)	1(K2)
	CO2	Up to K4	2	K2	2	K1	2(K3,K3)	1 (K3)
CI AII	**CO3**	Up to K4	2	K1	1	K2	2(K2,K2)	1 (K2)
	CO4	Up to K4	2	K2	2	K3	2(K3,K3)	1 (K4)
Question Pattern CIA I & II		No. of Questions to be asked	**4**		**3**		**4**	**2**
		No. of Questions to be answered	**4**		**3**		**2**	**1**
		Marks for each question	**1**		**2**		**5**	**10**
		Total Marks for each section	**4**		**6**		**10**	**10**

Distribution of Marks with K Level CIA I & CIA II								
	K Level	**Section A (Multiple Choice Questions)**	**Section B (Short Answer Questions)**	**Section C (Either / Or Choice)**	**Section D (Open Choice)**	**Total Marks**	**% of (Marks without choice)**	**Consolidate of %**
CI A I	**K1**	2	4	-		6	12	60
	K2	2	2	10	10	24	48	
	K3	-	-	10	10	20	40	40
	K4	-	-	-	-	-	-	-
	Marks	4	6	20	20	50	-	100
CI A II	**K1**	2	-	-		2	4	52
	K2	2	2	10	10	24	48	
	K3	-	4	10		14	28	28
	K4	-	-	-	10	10	20	20
	Marks	4	6	20	20	50	100	100

K1- Remembering and recalling facts with specific answers

K2- Basic understanding of facts and stating main ideas with general answers

K3- Application oriented- Solving Problems

K4- Examining, analyzing, presentation and make inferences with evidences

CO5 will be allotted for individual Assignment which carries five marks as part of CIA component.

Summative Examination – Blue Print Articulation Mapping – K Level with Course Outcomes (COs)								
S.No	**COs**	**K - Level**	**MCQs**		**Short Answers**		**Section C (Either / or Choice)**	**Section D (Open Choice)**
			No. of Questions	**K – Level**	**No. of Question**	**K – Level**		
1	CO1	**Up to K2**	**2**	**K1&K2**	**1**	**K1**	**2(K1&K1)**	**1(K2)**
2	CO2	**Up to K4**	**2**	**K1&K2**	**1**	**K1**	**2(K2&K2)**	**1(K3)**
3	CO3	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K3)**
4	CO4	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K3)**
5	CO5	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K4&K4)**	**1(K4)**
No. of Questions to be Asked			**10**		**5**		**10**	**5**
No.of Questions to be answered			**10**		**5**		**5**	**3**
Marks for each question			**1**		**2**		**5**	**10**
Total Marks for each section			**10**		**10**		**25**	**30**
(Figures in parenthesis denotes, questions should be asked with the given K level)								

Distribution of Marks with K Level							
K Level	**Section A (Multiple Choice Questions)**	**Section B (Short Answer Questions)**	**Section C (Either/ or Choice)**	**Section D (Open Choice)**	**Total Marks**	**% of (Marks without choice)**	**Consolidated %**
K1	5	4	10		19	15.83	41
K2	5	6	10	10	31	25.83	
K3			20	30	50	41.66	42
K4			10	10	20	16.66	17
Marks	10	10	50	50	120	100	100
NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels.							

Summative Examinations - Question Paper – Pattern

Section A (Multiple Choice Questions)
Answer All Questions (10x1=10 marks)

Q.No	CO	K Level	Questions
1	CO1	K1	
2	CO1	K2	
3	CO2	K1	
4	CO2	K2	
5	CO3	K1	
6	CO3	K2	
7	CO4	K1	
8	CO4	K2	
9	CO5	K1	
10	CO5	K2	

Section B (Short Answers)
Answer All Questions (5x2=10 marks)

Q.No	CO	K Level	Questions
11	CO1	K1	
12	CO2	K1	
13	CO3	K2	
14	CO4	K2	
15	CO5	K2	

Section C (Either/Or Type)
Answer All Questions (5 x 5 = 25 marks)

Q.No	CO	K Level	Questions
16) a	CO1	K1	
16) b	CO1	K1	
17) a	CO2	K2	
17) b	CO2	K2	
18) a	CO3	K3	
18) b	CO3	K3	
19) a	CO4	K3	
19) b	CO4	K3	
20) a	CO5	K4	
20) b	CO5	K4	

NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels

Section D (Open Choice)
Answer Any Three questions (3x10=30 marks)

Q.No	CO	K Level	Questions
21	**CO1**	**K2**	
22	**CO2**	**K3**	
23	**CO3**	**K3**	
24	**CO4**	**K3**	
25	**CO5**	**K4**	

MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS)
DEPARTMENT OF ECONOMICS
(For those who joined in 2021-2022 and after)

Course Name	RESEARCH METHODOLOGY			
Course Code	21UECC53	**L**	**P**	**C**
Category	Core	6	-	4
NATURE OF COURSE:	EMPLOYABILITY	**SKILL ORIENTED**	ENTREPRENURSHIP	

COURSE OBJECTIVES: To expose the students on various research methods and methodologies.

1. To make the students to know the basic concepts and methods of research.
2. To help the students to pursue the methods of data collection.
3. To familiarize the students with the various research design and techniques.
4. To gain knowledge on hypothesis and sampling methods.
5. To enable the students to understand the technicalities of report writing.

Unit: I Introduction	
Research: Meaning – Types - Objectives – Motivation in Research-Significance of Research – Research process – Problems in Quantitative and qualitative research - Criteria of Good Research - Problems of social science research.	**18 Hours**
Unit: II Data Collection	
Collection of Data: Meaning – Primary and Secondary Data – Methods of Collecting Primary Data – Sources of Secondary Data - Precautions in using Secondary Data - Case Study Method: Meaning – Characteristics – Advantages- Limitations.	**18 Hours**
Unit: III Formulation of Research Problem and Research Design	
Research Problem: Meaning - selection of a research problem - Techniques Involved in Defining a problem - Formulation of a research problem. Research Design: Meaning – Types of Research Design - Characteristics of Good research design - Important concepts relating to Research Design - Significance of research design.	**20 Hours**
Unit: IV Hypothesis and Sampling	
Hypothesis: Meaning - Types - Alternative Hypothesis -Null Hypothesis –Type I and Type II Error - Formulation and Significance. Sampling: Meaning -Types - Steps in Sampling Design - Methods of Sampling – Advantages and Limitations.	**18 Hours**
Unit: V Report Writing	
Report Writing: Significance –Steps – Layout of the ResearchReport – Types – Mechanics of writing ResearchReport – Precautions for Writing Research Report.	**16 Hours**

		Total Lecture Hours	90

Books for Study:
1. Kothari C.R., (2022), Research Methodology: Methods and Techniques, Wiley EasternLimited.

Books for References:
1. Alan Bryman, (2016), "Social Research Methods", Fifth Edition, Oxford University Press,United Kingdom.
2. Deepak Chawla and NeenaSondhi, (2016), "Research Methodology: Concepts and Cases", Second Edition, Vikas Publising House, New Delhi.
3. Uwe Flick, (2011), "Introducing Research Methodology: A Beginner Guide to Doing a Research Project", Sage Publications Limited, London.

Web Resources:
1. **https://ccsuniversity.ac.in/bridge-library/pdf/Research-Methodology-CR-Kothari.pdf**
2. **https://gargicollege.in/wp-content/uploads/2020/03/Research-Methodology-SEC-Economics-BA-P-Sem-4.pdf**
3. **https://web.mit.edu/course/21/21.guide/th-form.htm**

EXPECTED COURSE OUTCOME On successful completion of the course, the student will be able to	K Level
CO1: Know the basic concepts and methods of research.	**Up to K2**
CO2: Pursue the methods of data collection.	**Up to K3**
CO3: Familiarize with the various research design and techniques.	**Up to K4**
CO4: Gain knowledge on hypothesis and sampling methods.	**Up to K3**
CO5: Understand the technicalities of report writing.	**Up to K4**

CO & PO Mappings:

COS	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6
CO 1	3	3	2	3	3	2
CO 2	3	3	1	2	3	3
CO 3	3	3	1	2	2	3
CO 4	3	3	3	2	3	1
CO 5	2	3	2	1	3	3

*3 – Advanced Application; **2 –** Intermediate Development; **1 -** Introductory Level

LESSON PLAN

UNIT	Research Methodology	Hrs	Mode
I	Research: Meaning – Types - Objectives – Motivation in Research- Significance of Research – Research process – Problems in Quantitative and qualitative research - Criteria of Good Research - Problems of social science research.	**6** **6** **6**	**Chalk and Talk,**
II	Collection of Data: Meaning – Primary and Secondary Data – Methods of Collecting Primary Data – Sources of Secondary Data - Precautions in using Secondary Data - Case Study Method: Meaning – Characteristics – Advantages- Limitations.	**10** **8**	**Chalk and Talk,Assignment & Field work**
III	Research Problem: Meaning - selection of a research problem - Techniques Involved in Defining a problem - Formulation of a research problem. Research Design: Meaning – Types of Research Design - Characteristics of Good research design - Important concepts relating to Research Design - Significance of research design.	**6** **4** **5** **5**	**Chalk and Talk, ppt**
IV	Hypothesis: Meaning - Types - Alternative Hypothesis - Null Hypothesis –Type I and Type II Error - Formulation and Significance. Sampling: Meaning -Types - Steps in Sampling Design - Methods of Sampling – Advantages and Limitations.	**6** **3** **5** **4**	**Chalk and Talk, ppt Seminar**
V	Report Writing : Significance –Steps – Layout of the Research Report – Types – Mechanics of writing Research Report – Precautions for Writing Research Report.	**8** **8**	**Chalk and Talk, ppt Assignment**

Course Designed by: **Dr.S.Vigneswaran,** Assistant Professor of Economics.

Ms.M.Sivanya, Assistant Professor of Economics.

Learning Outcome Based Education & Assessment (LOBE) Formative Examination - Blue Print Articulation Mapping – K Levels with Course Outcomes (COs)								
Internal	**Cos**	**K Level**	**Section A**		**Section B**		**Section C Either or Choice**	**Section D Open Choice**
			MCQs		**Short Answers**			
			No. of. Questions	**K - Level**	**No. of. Questions**	**K – Level**		
CI AI	**CO1**	Up to K2	2	K1	1	K2	2 (K2,K2)	1 (K2)
	CO2	Up to K3	2	K2	2	K1	2(K3,K3)	1 (K3)
CI AII	**CO3**	Up to K4	2	K1	1	K2	2(K2,K2)	1 (K2)
	CO4	Up to K3	2	K2	2	K3	2(K4,K4)	1 (K4)
Question Pattern CIA I & II	No. of Questions to be asked		**4**		**3**		**4**	**2**
	No. of Questions to be answered		**4**		**3**		**2**	**1**
	Marks for each question		**1**		**2**		**5**	**10**
	Total Marks for each section		**4**		**6**		**10**	**10**

Distribution of Marks with K Level CIA I & CIA II								
	K Level	**Section A (Multiple Choice Questions)**	**Section B (Short Answer Questions)**	**Section C (Either / Or Choice)**	**Section D (Open Choice)**	**Total Marks**	**% of (Marks without choice)**	**Consolidate of %**
CIA I	**K1**	2	4	-		6	12	60
	K2	2	2	10	10	24	48	
	K3	-	-	10	10	20	40	40
	K4	-	-	-		-	-	-
	Marks	4	6	20	20	50	-	100
CIA II	**K1**	2	-	-		2	4	52
	K2	2	2	10	10	24	48	
	K3	-	4	10		14	28	28
	K4	-	-	-	10	10	20	20
	Marks	4	6	20	20	50	100	100

K1- Remembering and recalling facts with specific answers

K2- Basic understanding of facts and stating main ideas with general answers

K3- Application oriented- Solving Problems

K4- Examining, analyzing, presentation and make inferences with evidences

CO5 will be allotted for individual Assignment which carries five marks as part of CIA component.

Summative Examination – Blue Print Articulation Mapping – K Level with Course Outcomes (COs)								
S.No	COs	K - Level	MCQs		Short Answers		Section C (Either / or Choice)	Section D (Open Choice)
			No. of Questions	K – Level	No. of Question	K – Level		
1	CO1	**Up to K2**	**2**	**K1&K2**	**1**	**K1**	**2(K1&K1)**	**1(K2)**
2	CO2	**Up to K3**	**2**	**K1&K2**	**1**	**K1**	**2(K2&K2)**	**1(K3)**
3	CO3	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K4)**
4	CO4	**Up to K3**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K3)**
5	CO5	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K4&K4)**	**1(K4)**
No. of Questions to be Asked			**10**		**5**		**10**	**5**
No.of Questions to be answered			**10**		**5**		**5**	**3**
Marks for each question			**1**		**2**		**5**	**10**
Total Marks for each section			**10**		**10**		**25**	**30**
(Figures in parenthesis denotes, questions should be asked with the given K level)								

Distribution of Marks with K Level							
K Level	Section A (Multiple Choice Questions)	Section B (Short Answer Questions)	Section C (Either/ or Choice)	Section D (Open Choice)	Total Marks	% of (Marks without choice)	Consolidated %
K1	5	4	10		19	15.83	41.66
K2	5	6	10	10	31	25.83	
K3			20	20	40	33.33	33.33
K4			10	20	30	25	25
Marks	10	10	50	50	120	100	100
NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels.							

Summative Examinations - Question Paper – Pattern

Section A (Multiple Choice Questions)
Answer All Questions   **(10x1=10 marks)**

Q.No	CO	K Level	Questions
1	CO1	K1	
2	CO1	K2	
3	CO2	K1	
4	CO2	K2	
5	CO3	K1	
6	CO3	K2	
7	CO4	K1	
8	CO4	K2	
9	CO5	K1	
10	CO5	K2	

Section B (Short Answers)
Answer All Questions   **(5x2=10 marks)**

Q.No	CO	K Level	Questions
11	CO1	K1	
12	CO2	K1	
13	CO3	K2	
14	CO4	K2	
15	CO5	K2	

Section C (Either/Or Type)
Answer All Questions   **(5 x 5 = 25 marks)**

Q.No	CO	K Level	Questions
16) a	CO1	K1	
16) b	CO1	K1	
17) a	CO2	K2	
17) b	CO2	K2	
18) a	CO3	K3	
18) b	CO3	K3	
19) a	CO4	K3	
19) b	CO4	K3	
20) a	CO5	K4	
20) b	CO5	K4	

NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels

Section D (Open Choice)
Answer Any Three questions   **(3x10=30 marks)**

Q.No	CO	K Level	Questions
21	**CO1**	**K2**	
22	**CO2**	**K3**	
23	**CO3**	**K4**	
24	**CO4**	**K3**	
25	**CO5**	**K4**	

MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS)
DEPARTMENT OF ECONOMICS
(For those who joined in 2021-2022 and after)

Course Name	AGRICULTURAL ECONOMICS			
Course Code	21UECE51	L	P	C
Category	Elective-I	5	-	5
NATURE OF COURSE:	EMPLOYABILITY	SKILL ORIENTED		ENTREPRENURSHIP
COURSE OBJECTIVES: This course is intends to introduce the agricultural system in India				

1. To understand the Importance of Agricultural Sector in India.

2. To familiarize the Farm Management and Land Reforms.

3. To evaluate the outcome of Agricultural Strategies.

4. To realize the Market difficulties and Importance in the Field.

5. To analyze the Impact of Agricultural Policies and Agricultural Development.

Unit: I Introduction		
Agricultural Economics: Meaning – Nature and Scope – Significance – Role – Problems of Agricultural Sector – Modernization of Agriculture based on current technology - Relationship between Agricultural and Non-Agricultural Sectors.		**15 Hours**
Unit: II Farm Management and Land Reforms		
Nature of Farm Management – Scope – Importance – Farm Management Problems in India. Land Reforms: Meaning – Objectives – Impact of Land Reforms in India – Measures – Difference between Indian Farm Management System and Israel Cropping System (Selected Crops).		**15 Hours**
Unit: III Agricultural Productivity		
Productivity in Indian Agriculture - Causes for low Agricultural Productivity - Remedies - Green Revolution: Origin - Merits and Demerits - Second Green Revolution - Contract Farming.		**15 Hours**
Unit: IV Agricultural Marketing and Finance		
Meaning – Significance – Structural defects of agricultural Marketing – Measures to improve the efficiency of Agricultural Marketing – Regulated markets - Co-operative Society - UzhavarSanthai - On-line marketing.		**15 Hours**
Unit: V Agricultural Pricing Policy		
Agricultural Pricing Policy2020 - Objectives - Instruments of Agricultural Policy - Minimum Support Price - Buffer Stock - Food Policy - Food Corporation of India – WTO in Indian Agriculture – Food Security.		**15 Hours**
	Total Lecture Hours	**75 Hours**

Books for Study:

1. Bilgrami, S.A.R., (2018), Agricultural Economics, Himalaya Publishing House, New Delhi.

2. Amarjit Singh, A.N. Sadhu, Jasbir Singh, (2018), Fundamentals of Agricultural Economics, Himalaya Publishing House.

Books for References:

1. S.S.Chhina, (2006), Agricultural Economics and Indian Agriculture, Kalyani Publishers.

2. Lekhi,R.K and Singh, Joginder, (2005), Agricultural Economics, Kalyani Publications.

3. Giriappa.S., (2000), Institutions and Agricultural marketing, Mohit Publications.

Web Resources:

1. **http://sdeuoc.ac.in/sites/default/files/sde_videos/agri%20economics%20teaching%20note%20MA%20ECO-.pdf**

2. **http://www.rvskvv.net/images/Principles-of-Agricultural-Economics_17.04.2020.pdf**

EXPECTED COURSE OUTCOME		K Level
At the end of the course, students will be able to		
CO1	Understand the Importance of Agricultural Sector in India.	Up to K2
CO2	Familiarize the Farm Management and Land Reforms.	Up to K3
CO3	Evaluate the Outcome of Agricultural Strategies.	Up to K3
CO4	Realize the Market difficulties and Importance in the Field.	Up to K4
CO5	Analyze the Impact of Agricultural Policies and Agricultural Development.	Up to K4

CO & PO Mappings:

CO/PO	PO 1	PO 2	PO 3	PO 4	PO 5	PO6
CO1	3	2	2	2	2	3
CO2	3	3	2	3	2	3
CO3	2	3	1	3	3	3
CO4	2	3	2	3	2	1
CO5	3	3	2	3	2	3

*3 – Advanced Application;2 – Intermediate Development;1 **-** Introductory Level

LESSON PLAN

UNIT	SUBJECT NAME Agricultural Economics	Hrs	Mode
I	Agricultural Economics: Meaning – Nature and Scope – Significance – Role – Problems of Agricultural Sector – Modernization of Agriculture based on current technology - Relationship between Agricultural and Non-Agricultural Sectors.	5 5 5	**Chalk & Talk, ppt**
II	Nature of Farm Management – Scope – Importance – Farm Management Problems in India. Land Reforms: Meaning – Objectives – Impact of Land Reforms in India – Measures – Difference between Indian Farm Management System and Israel Cropping System (Selected Crops).	8 7	**Chalk & Talk, ppt, Field Visit**
III	Productivity in Indian Agriculture - Causes for low Agricultural Productivity - Remedies - Green Revolution: Origin - Merits and Demerits - Second Green Revolution - Contract Farming.	5 5 5	**Chalk & Talk, ppt, Seminar**
IV	Meaning – Significance – Structural defects of agricultural Marketing – Measures to improve the efficiency of Agricultural Marketing – Regulated markets - Co-operative Society - UzhavarSanthai - On-line marketing.	5 5 5	**Chalk & Talk, ppt Discussion**
V	Agricultural Pricing Policy2020 - Objectives - Instruments of Agricultural Policy - Minimum Support Price - Buffer Stock - Food Policy - Food Corporation of India – WTO in Indian Agriculture – Food Security.	5 3 7	**Chalk & Talk, ppt Assignment**

Course Designed by: **Dr.S.Palani,** Associate Professor and Head of Economics.

Dr.S.Vigneswaran, Assistant Professor of Economics.

Internal	Cos	K Level	Section A MCQs		Section B Short Answers		Section C Either or Choice	Section D Open Choice
			No. of. Questions	K - Level	No. of. Questions	K – Level		

Learning Outcome Based Education & Assessment (LOBE)
Formative Examination - Blue Print
Articulation Mapping – K Levels with Course Outcomes (COs)

Internal	Cos	K Level	No. of. Questions (MCQs)	K - Level	No. of. Questions (Short Answers)	K – Level	Section C Either or Choice	Section D Open Choice
CI AI	CO1	Up to K2	2	K1	1	K2	2 (K2,K2)	1 (K2)
	CO2	Up to K3	2	K2	2	K1	2(K3,K3)	1 (K3)
CI AII	CO3	Up to K3	2	K1	1	K2	2(K2,K2)	1 (K2)
	CO4	Up to K4	2	K2	2	K3	2(K3,K3)	1 (K4)
Question Pattern CIA I & II	No. of Questions to be asked		**4**		**3**		**4**	**2**
	No. of Questions to be answered		**4**		**3**		**2**	**1**
	Marks for each question		**1**		**2**		**5**	**10**
	Total Marks for each section		**4**		**6**		**10**	**10**

Distribution of Marks with K Level CIA I & CIA II

	K Level	Section A (Multiple Choice Questions)	Section B (Short Answer Questions)	Section C (Either / Or Choice)	Section D (Open Choice)	Total Marks	% of (Marks without choice)	Consolidate of %
CIA I	K1	2	4	-		6	12	60
	K2	2	2	10	10	24	48	
	K3	-	-	10	10	20	40	40
	K4	-	-	-		-	-	-
	Marks	4	6	20	20	50	-	100
CIA II	K1	2	-	-		2	4	52
	K2	2	2	10	10	24	48	
	K3	-	4	10		14	28	28
	K4	-	-	-	10	10	20	20
	Marks	4	6	20	20	50	100	100

K1- Remembering and recalling facts with specific answers

K2- Basic understanding of facts and stating main ideas with general answers

K3- Application oriented- Solving Problems

K4- Examining, analyzing, presentation and make inferences with evidences

CO5 will be allotted for individual Assignment which carries five marks as part of CIA component.

			Summative Examination – Blue Print Articulation Mapping – K Level with Course Outcomes (COs)					
			MCQs		Short Answers		Section C	Section D
S.No	COs	K - Level	No. of Questions	K – Level	No. of Question	K – Level	(Either / or Choice)	(Open Choice)
1	CO1	**Up to K2**	**2**	**K1&K2**	**1**	**K1**	**2(K1&K1)**	**1(K2)**
2	CO2	**Up to K3**	**2**	**K1&K2**	**1**	**K1**	**2(K2&K2)**	**1(K3)**
3	CO3	**Up to K3**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K3)**
4	CO4	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K3)**
5	CO5	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K4&K4)**	**1(K4)**
No. of Questions to be Asked			**10**		**5**		**10**	**5**
No.of Questions to be answered			**10**		**5**		**5**	**3**
Marks for each question			**1**		**2**		**5**	**10**
Total Marks for each section			**10**		**10**		**25**	**30**
(Figures in parenthesis denotes, questions should be asked with the given K level)								

			Distribution of Marks with K Level				
K Level	Section A (Multiple Choice Questions)	Section B (Short Answer Questions)	Section C (Either/ or Choice)	Section D (Open Choice)	Total Marks	% of (Marks without choice)	Consolidated %
K1	5	4	10		19	15.83	41
K2	5	6	10	10	31	25.83	
K3			20	30	50	41.66	42
K4			10	10	20	16.66	17
Marks	10	10	50	50	120	100	100
NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels.							

Summative Examinations - Question Paper – Pattern

Section A (Multiple Choice Questions)
Answer All Questions   (10x1=10 marks)

Q.No	CO	K Level	Questions
1	CO1	K1	
2	CO1	K2	
3	CO2	K1	
4	CO2	K2	
5	CO3	K1	
6	CO3	K2	
7	CO4	K1	
8	CO4	K2	
9	CO5	K1	
10	CO5	K2	

Section B (Short Answers)
Answer All Questions   (5x2=10 marks)

Q.No	CO	K Level	Questions
11	CO1	K1	
12	CO2	K1	
13	CO3	K2	
14	CO4	K2	
15	CO5	K2	

Section C (Either/Or Type)
Answer All Questions   (5 x 5 = 25 marks)

Q.No	CO	K Level	Questions
16) a	CO1	K2	
16) b	CO1	K2	
17) a	CO2	K3	
17) b	CO2	K3	
18) a	CO3	K3	
18) b	CO3	K3	
19) a	CO4	K4	
19) b	CO4	K4	
20) a	CO5	K4	
20) b	CO5	K4	

NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels

Section D (Open Choice)
Answer Any Three questions   (3x10=30 marks)

Q.No	CO	K Level	Questions
21	**CO1**	**K2**	
22	**CO2**	**K3**	
23	**CO3**	**K3**	
24	**CO4**	**K3**	
25	**CO5**	**K4**	

MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS)
DEPARTMENT OF ECONOMICS
(For those who joined in 2021-2022 and after)

Course Name	TAMIL NADU ECONOMY			
Course Code	**21UECE52**	**L**	**P**	**C**
Category	**Elective-I**	5	-	5
NATURE OF COURSE:	EMPLOYABILITY	**SKILL ORIENTED**		ENTREPRENURSHIP

COURSE OBJECTIVES: This course intends to introduce the economic system of Tamil Nadu.

1. To understand the process of growth in Tamil Nadu Economy
2. To figure out the quantum of Tamil Nadu State Income.
3. To acquire knowledge on the status of Tamil Nadu Agricultural Sector.
4. To comprehend the status of Industrial Sector of Tamil Nadu.
5. To expose specific economic issues pertaining to the region.

Unit: I Profile of Tamil Nadu Economy	
Place of Tamil Nadu in the National Economic Scene – Natural Resources – Demographic Structures: Health - Sanitation-Education – Migration - Immigration – Human Development Index.	**15 Hours**
Unit: II Tamil Nadu State Income	
State Income – Gross and Net State Domestic Product – Growth Rate – Trends – Sectoral Growth Rates – Limitations of the estimation of the NSDP data – Land Holding Pattern in Tamil Nadu,	**15 Hours**
Unit: III Agricultural Sector	
Agriculture - Contribution of Agriculture in NSDP – Major Agricultural Crops – Productivity - Agricultural Finance – Crop Insurance - Agricultural Prices – Minimum Support Price.	**15 Hours**
Unit: IV Industrial and Service Sector	
Industry – Contribution of Industrial and Service Sector in NSDP– Industry and Plans – Performance – Large Scale – Small-Scale – MSME – Skill Development– Financial Institutions in TN – Foreign Direct Investment.	**15 Hours**
Unit: V Regional Issues	
Major Issues: Poverty – Unemployment – Urbanisation – Housing – Public Distribution System.	**15 Hours**
Total Lecture Hours	**75Hours**

Books for Study:

1. Leonard A.J., (2006), Tamil Nadu Economy, Macmillan India Ltd.

Books for References:

1. Veeramani, A.R., (2005), Tamil Nadu Agricultural Economy, Divyasre Publication.

2. Perumalsamy, S. (1998), Tamil Nadu Economy Performance & Issues, Oxford & India Book

House.

3. Dhingra, I.C. (1995), Indian Economy with special reference to Tamil Nadu, Sultan chand and Co., New Delhi,.

4. Rajalakshmi, (1995), Economic Development of Tamil Nadu, S. Chand & Co.

5. **C. T Kurien**, (1969), Indian economic crisis: A diagnostic study, Asia Publishing House Delhi.

6. Tamil Nadu Economic Appraisals – various years.

Web Resources:

1. **https://www.winmeen.com/tamil-nadu-economy-notes-11th-economics-for-tnpsc-exam/**

2. **https://tamilnadu.pscnotes.com/economy-of-tamil-nadu/**

3. **https://www.oliveboard.in/blog/economy-notes-for-tnpsc/**

EXPECTED COURSE OUTCOME	K Level
At the end of the course, students will be able to	
CO1: Understand the process of growth in Tamil Nadu Economy	**Up to K2**
CO2: Figure out the quantum of Tamil Nadu State Income.	**Up to K3**
CO3: Acquire knowledge on the status of Tamil Nadu Agricultural Sector.	**Up to K3**
CO4: Comprehend the status of Industrial Sector of Tamil Nadu.	**Up to K4**
CO5: Expose specific economic issues pertaining to the region.	**Up to K4**

CO & PO Mappings:

CO/PO	PO 1	PO 2	PO 3	PO 4	PO 5	PO6
CO1	3	2	2	2	3	3
CO2	3	3	2	2	2	3
CO3	3	3	1	2	3	2
CO4	3	3	1	2	2	1
CO5	2	3	2	2	2	3

*3 **–** Advanced Application;2 **–** Intermediate Development;1 **-** Introductory Level

LESSON PLAN

UNIT	SUBJECT NAME Tamil Nadu Economy	Hrs	Mode
I	Place of Tamil Nadu in the National Economic Scene – Natural Resources – Demographic Structures:Health - Sanitation-Education – Migration - Immigration – Human Development Index.	5 5 5	**Chalk & Talk, PPT**
II	State Income – Gross and Net State Domestic Product – Growth Rate – Trends – Sectoral Growth Rates – Limitations of the estimation of the NSDP data – Land Holding Pattern in Tamil Nadu.	8 7	**Chalk & Talk, PPT Seminar**
III	Agriculture - Contribution of Agriculture in NSDP – Major Agricultural Crops – Productivity - Agricultural Finance – Crop Insurance - Agricultural Prices – Minimum Support Price.	5 5 5	**Chalk & Talk, PPT**
IV	Industry – Contribution of Industrial and Service Sector in NSDP– Industry and Plans – Performance – Large Scale – Small-Scale – MSME – Skill Development– Financial Institutions in TN – Foreign Direct Investment.	5 5 5	**Chalk & Talk, PPT Assignment**
V	Major Issues – Poverty – Unemployment – Urbanisation – Housing – Public Distribution System.	5 3 7	**Chalk & Talk, PPT Assignment**

Course Designed by: **Dr.S.Vigneswaran,** Assistant Professor of Economics.

Dr.S.Vishnu Suba,Assistant Professor of Economics.

Internal	Cos	K Level	Section A		Section B		Section C Either or Choice	Section D Open Choice
			MCQs		Short Answers			
			No. of. Questions	K - Level	No. of. Questions	K – Level		
CI AI	CO1	Up to K2	2	K1	1	K2	2 (K2,K2)	1 (K2)
	CO2	Up to K3	2	K2	2	K1	2 (K3,K3)	1 (K3)
CI AII	CO3	Up to K3	2	K1	1	K2	2 (K2,K2)	1 (K2)
	CO4	Up to K4	2	K2	2	K3	2 (K3,K3)	1 (K4)
Question Pattern CIA I & II	No. of Questions to be asked		**4**		**3**		**4**	**2**
	No. of Questions to be answered		**4**		**3**		**2**	**1**
	Marks for each question		**1**		**2**		**5**	**10**
	Total Marks for each section		**4**		**6**		**10**	**10**

Learning Outcome Based Education & Assessment (LOBE)
Formative Examination - Blue Print
Articulation Mapping – K Levels with Course Outcomes (COs)

	K Level	Section A (Multiple Choice Questions)	Section B (Short Answer Questions)	Section C (Either / Or Choice)	Section D (Open Choice)	Total Marks	% of (Marks without choice)	Consolidate of %
Distribution of Marks with K Level CIA I & CIA II								
CIA I	K1	2	4	-		6	12	60
	K2	2	2	10	10	24	48	
	K3	-	-	10	10	20	40	40
	K4	-	-	-		-	-	-
	Marks	4	6	20	20	50	-	100
CIA II	K1	2	-	-		2	4	52
	K2	2	2	10	10	24	48	
	K3	-	4	10		14	28	28
	K4	-	-	-	10	10	20	20
	Marks	4	6	20	20	50	100	100

K1- Remembering and recalling facts with specific answers

K2- Basic understanding of facts and stating main ideas with general answers

K3- Application oriented- Solving Problems

K4- Examining, analyzing, presentation and make inferences with evidences

CO5 will be allotted for individual Assignment which carries five marks as part of CIA component.

			MCQs		Short Answers		Section C (Either / or Choice)	Section D (Open Choice)
S.No	**COs**	**K - Level**	**No. of Questions**	**K – Level**	**No. of Question**	**K – Level**		
1	CO1	**Up to K2**	**2**	**K1&K2**	**1**	**K1**	**2(K1&K1)**	**1(K2)**
2	CO2	**Up to K3**	**2**	**K1&K2**	**1**	**K1**	**2(K2&K2)**	**1(K3)**
3	CO3	**Up to K3**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K3)**
4	CO4	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K4)**
5	CO5	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K4&K4)**	**1(K3)**
No. of Questions to be Asked			**10**		**5**		**10**	**5**
No.of Questions to be answered			**10**		**5**		**5**	**3**
Marks for each question			**1**		**2**		**5**	**10**
Total Marks for each section			**10**		**10**		**25**	**30**

Summative Examination – Blue Print Articulation Mapping – K Level with Course Outcomes (COs)

(Figures in parenthesis denotes, questions should be asked with the given K level)

Distribution of Marks with K Level

K Level	Section A (Multiple Choice Questions)	Section B (Short Answer Questions)	Section C (Either/ or Choice)	Section D (Open Choice)	Total Marks	% of (Marks without choice)	Consolidated %
K1	5	4	10		19	15.83	41
K2	5	6	10	10	31	25.83	
K3			20	30	50	41.66	42
K4			10	10	20	16.66	17
Marks	10	10	50	50	120	100	100

NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels.

Summative Examinations - Question Paper – Pattern

Section A (Multiple Choice Questions)
Answer All Questions (10x1=10 marks)

Q.No	CO	K Level	Questions
1	CO1	K1	
2	CO1	K2	
3	CO2	K1	
4	CO2	K2	
5	CO3	K1	
6	CO3	K2	
7	CO4	K1	
8	CO4	K2	
9	CO5	K1	
10	CO5	K2	

Section B (Short Answers)
Answer All Questions (5x2=10 marks)

Q.No	CO	K Level	Questions
11	CO1	K1	
12	CO2	K1	
13	CO3	K2	
14	CO4	K2	
15	CO5	K2	

Section C (Either/Or Type)
Answer All Questions (5 x 5 = 25 marks)

Q.No	CO	K Level	Questions
16) a	CO1	K1	
16) b	CO1	K1	
17) a	CO2	K2	
17) b	CO2	K2	
18) a	CO3	K3	
18) b	CO3	K3	
19) a	CO4	K3	
19) b	CO4	K3	
20) a	CO5	K4	
20) b	CO5	K4	

NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels

Section D (Open Choice)
Answer Any Three questions (3x10=30 marks)

Q.No	CO	K Level	Questions
21	**CO1**	**K2**	
22	**CO2**	**K3**	
23	**CO3**	**K3**	
24	**CO4**	**K4**	
25	**CO5**	**K3**	

MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS)
DEPARTMENT OF ECONOMICS
(For those who joined in 2021-2022 and after)

Course Name	ECONOMICS OF MARKETING			
Course Code	21UECE53	**L**	**P**	**C**
Category	ELECTIVE-I	5	-	5

NATURE OF COURSE:	EMPLOYABILITY	SKILL ORIENTED	ENTREPRENURSHIP

COURSE OBJECTIVES: This course intends to develop knowledge on marketing and its inner avenues.

1. To explore the scope, importance and functions of marketing.
2. To equip the students' knowledge on product pricing strategies
3. To make the students to understand the functionality distribution.
4. To demonstrate the different ways of promoting the products.
5. To explore the different market segments and their importance.

Unit: I Introduction

Marketing: Definition – Scope and Importance – Approaches to the study of Marketing - Marketing concepts - Functions of Marketing -Marketing Mix Criterion – Difference between Marketing and Selling.	**15 Hours**

Unit: II Product Pricing and Strategies

Product: Features – Classification of Products – Stages in New Product Development – Product Line and Mix - Product Differentiation – Branding – Packaging - Labeling – Pricing - Types - Factors influencing pricing decisions – Pricing strategies for Fast Moving Consumer Goods (FMCG) -Price as an indicator of quality.	**15 Hours**

Unit: III Place

Physical Distribution: Channels of Distribution - Factors considered for selecting a channel – Wholesalers and Retailers – Services - Direct Marketing - Role of Middlemen-Marketing Risk - Causes – Handling - Prevention of Risk.	**15 Hours**

Unit: IV Promotion

Promotion: Promotion Mix -Forms of Promotion- Sales Promotion – Objectives - Advertising – Kinds of Advertising Media – Media Selection - Personal Selling – Kinds – Functions – Qualities of a good salesman -Personal selling Vs. Sales promotion.	**15 Hours**

Unit: V Market Segmentation

Meaning – Need - Importance –Benefits of Segmentation- Criteria and bases of Market Segmentation – Electronic Marketing: Meaning - Significance – Merits and Demerits of Electronic Marketing – Recent Trends in E-Marketing - Product Life Cycle – Stages of Product Life Cycle – Level of Profit in each stage.	**15 Hours**

	Total Lecture Hours	**75**

Books for Study:

1. R.S.N. Pillai and Bagavathi, (2010), Marketing Management, S. Chand & Company Ltd., Ram Nagar, New Delhi.

Books for References:

1. Dr. C. B. Gupta & Dr. N. Rajan Nair, (2012), Marketing Management, Sultan Chand, New Delhi.

2. V.Radha, (2011), Marketing Mangement; Prassana Publisher, Chennai Edition.

3. Theodore Levitt, (2008), Marketing Myopia, Harvard Business Press.

4. Rajan Saxena, (2007), Marketing Management, Tata MC Graw Hill Publishing Company Limited, 7, West Patel Nagar, New Delhi.

5. Rajan Saxena, (2007), Marketing Management, Tata MC Graw Hill Publishing Company Limited, 7, West Patel Nagar, New Delhi.

6. Philip Kotler, (2001), Marketing Management, Prentice Hall of India (P) Limited, New Delhi.

Web Resources:

1. **https://www.msuniv.ac.in/Download/Pdf/3e01c263a6974fa**

2. **https://vernonpress.com/file/1962/c191dfd773668207c174f4f9dc1abde6/1467374575.pdf**

EXPECTED COURSE OUTCOME On successful completion of the course, the student will be able to	K Level
CO1: Apply the role of marketing in an economy and development.	**Up to K2**
CO2: Understand the significance of Pricing Strategies.**.**	**Up to K3**
CO3: Categorize the different channels of distribution.	**Up to K3**
CO4: Analyze the Selling and Sales Promotion.	**Up to K4**
CO5: Classify the different market segmentation.	**Up to K3**

MAPPING-COURSE OUTCOME WITH PROGRAMME SPECIFIC OUTCOME

CO/PO	PO 1	PO 2	PO 3	PO 4	PO 5	PO6
CO1	3	3	2	2	2	2
CO2	3	3	1	2	2	3
CO3	3	2	2	1	2	3
CO4	3	3	1	2	1	2
CO5	2	3	2	3	2	3

*3 **–** Advanced Application;2 **–** Intermediate Development;1 **-** Introductory Level

LESSON PLAN

UNIT	SUBJECT NANE **Economicsof Marketing**	Hrs	Mode
I	Marketing: Definition – Scope and Importance – Approaches to the study of Marketing - Marketing concepts - Functions of Marketing - Marketing Mix Criterion – Difference between Marketing and Selling.	**5** **5** **5**	**Chalk and Talk, ppt,** **Tutorial**
II	Product: Features – Classification of Products – Stages in New Product Development – Product Line and Mix - Product Differentiation – Branding – Packaging - Labeling – Pricing - Types - Factors influencing pricing decisions – Pricing strategies for Fast Moving Consumer Goods (FMCG) -Price as an indicator of quality.	**5** **5** **5**	**Chalk and Talk, ppt**
III	Physical Distribution: Channels of Distribution - Factors considered for selecting a channel – Wholesalers and Retailers – Services - Direct Marketing - Role of Middlemen-Marketing Risk - Causes – Handling - Prevention of Risk.	**5** **5** **5**	**Chalk and Talk, ppt**
IV	Promotion: Promotion Mix -Forms of Promotion- Sales Promotion – Objectives - Advertising – Kinds of Advertising Media – Media Selection - Personal Selling – Kinds – Functions – Qualities of a good salesman -Personal selling Vs. Sales promotion.	**5** **5** **5**	**Chalk and Talk, ppt,** **Assignment**
V	Meaning – Need - Importance –Benefits of Segmentation- Criteria and bases of Market Segmentation – Electronic Marketing: Meaning - Significance – Merits and Demerits of Electronic Marketing – Recent Trends in E-Marketing - Product Life Cycle – Stages of Product Life Cycle – Level of Profit in each stage.	**5** **5** **5**	**Chalk and Talk, ppt,** **Seminar**

Course Designed by: **Dr.R.Alagesan,** Assistant Professor of Economics.

Ms.M.Sivanya, Assistant Professor of Economics.

Internal	Cos	K Level	Section A MCQs		Section B Short Answers		Section C Either or Choice	Section D Open Choice
			No. of. Questions	K - Level	No. of. Questions	K – Level		
CI AI	CO1	Up to K2	2	K1	1	K2	2 (K2,K2)	1 (K2)
	CO2	Up to K3	2	K2	2	K1	2 (K3,K3)	1 (K3)
CI AII	CO3	Up to K3	2	K1	1	K2	2 (K2,K2)	1 (K2)
	CO4	Up to K4	2	K2	2	K3	2 (K3,K3)	1 (K4)
Question Pattern CIA I & II	No. of Questions to be asked		**4**		**3**		**4**	**2**
	No. of Questions to be answered		**4**		**3**		**2**	**1**
	Marks for each question		**1**		**2**		**5**	**10**
	Total Marks for each section		**4**		**6**		**10**	**10**

Learning Outcome Based Education & Assessment (LOBE)
Formative Examination - Blue Print
Articulation Mapping – K Levels with Course Outcomes (COs)

	K Level	Section A (Multiple Choice Questions)	Section B (Short Answer Questions)	Section C (Either / Or Choice)	Section D (Open Choice)	Total Marks	% of (Marks without choice)	Consolidate of %
CIA I	K1	2	4	-		6	12	60
	K2	2	2	10	10	24	48	
	K3	-	-	10	10	20	40	40
	K4	-	-	-		-	-	-
	Marks	4	6	20	20	50	-	100
CIA II	K1	2	-	-		2	4	52
	K2	2	2	10	10	24	48	
	K3	-	4	10		14	28	28
	K4	-	-	-	10	10	20	20
	Marks	4	6	20	20	50	100	100

Distribution of Marks with K Level CIA I & CIA II

K1- Remembering and recalling facts with specific answers

K2- Basic understanding of facts and stating main ideas with general answers

K3- Application oriented- Solving Problems

K4- Examining, analyzing, presentation and make inferences with evidences

CO5 will be allotted for individual Assignment which carries five marks as part of CIA component.

Summative Examination – Blue Print Articulation Mapping – K Level with Course Outcomes (COs)								
			MCQs		Short Answers		Section C (Either / or Choice)	Section D (Open Choice)
S.No	COs	K - Level	No. of Questions	K – Level	No. of Question	K – Level		
1	CO1	**Up to K2**	**2**	**K1&K2**	**1**	**K1**	**2(K1&K1)**	**1(K2)**
2	CO2	**Up to K3**	**2**	**K1&K2**	**1**	**K1**	**2(K2&K2)**	**1(K3)**
3	CO3	**Up to K3**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K3)**
4	CO4	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K4)**
5	CO5	**Up to K3**	**2**	**K1&K2**	**1**	**K2**	**2(K4&K4)**	**1(K3)**
No. of Questions to be Asked			**10**		**5**		**10**	**5**
No.of Questions to be answered			**10**		**5**		**5**	**3**
Marks for each question			**1**		**2**		**5**	**10**
Total Marks for each section			**10**		**10**		**25**	**30**
(Figures in parenthesis denotes, questions should be asked with the given K level)								

Distribution of Marks with K Level							
K Level	Section A (Multiple Choice Questions)	Section B (Short Answer Questions)	Section C (Either/ or Choice)	Section D (Open Choice)	Total Marks	% of (Marks without choice)	Consolidated %
K1	5	4	10		19	15.83	41
K2	5	6	10	10	31	25.83	
K3			20	30	50	41.66	42
K4			10	10	20	16.66	17
Marks	10	10	50	50	120	100	100
NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels.							

Summative Examinations - Question Paper – Pattern

Section A (Multiple Choice Questions)			
Answer All Questions			**(10x1=10 marks)**
Q.No	**CO**	**K Level**	**Questions**
1	CO1	K1	
2	CO1	K2	
3	CO2	K1	
4	CO2	K2	
5	CO3	K1	
6	CO3	K2	
7	CO4	K1	
8	CO4	K2	
9	CO5	K1	
10	CO5	K2	
Section B (Short Answers)			
Answer All Questions			**(5x2=10 marks)**
Q.No	**CO**	**K Level**	**Questions**
11	CO1	K1	
12	CO2	K1	
13	CO3	K2	
14	CO4	K2	
15	CO5	K2	
Section C (Either/Or Type)			
Answer All Questions			**(5 x 5 = 25 marks)**
Q.No	**CO**	**K Level**	**Questions**
16) a	CO1	K2	
16) b	CO1	K2	
17) a	CO2	K3	
17) b	CO2	K3	
18) a	CO3	K3	
18) b	CO3	K3	
19) a	CO4	K4	
19) b	CO4	K4	
20) a	CO5	K3	
20) b	CO5	K3	

NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels

Section D (Open Choice)			
Answer Any Three questions			**(3x10=30 marks)**
Q.No	**CO**	**K Level**	**Questions**
21	**CO1**	**K2**	
22	**CO2**	**K3**	
23	**CO3**	**K3**	
24	**CO4**	**K4**	
25	**CO5**	**K3**	

MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS)
DEPARTMENT OF ECONOMICS
(For those who joined in 2021-2022 and after)

Course Name	LABOUR ECONOMICS			
Course Code	21UECE54	L	P	C
Category	Elective - II	5	-	5
Nature of course:	EMPLOYABILITY	SKILL ORIENTED	ENTREPRENEURSHIP	

COURSE OBJECTIVES: To explore the role of labour in an economy and labour policies in India.

1. To understand nature and scope of labour economics.
2. To explore the concept of demand for labour.
3. To expound the concept of supply of labour.
4. To enable the students to sensitize the different social security programmes.
5. To make the students understand the labour policy framework.

Unit: I	Introduction	15 hrs

Labour Force - Unemployment - Nature and Scope of Labour in India - Working of Labour Market -Characteristics of Industrial labour in India – Composition of Labour Market - Casual Labour in India - Labour market in India

Unit: II	Demand for Labour	15 hrs

Elasticity of Labour demand - Wage Elasticity - Hicks-Marshall Law and its applications - Cross Elasticity of Demand and application of law derived demand - Minimum wage law and its theoretical and employment effects.

Unit: III	Supply of Labour	15 hrs

Friction in the labour market and law of one price - supply of labour - Labour Market Participation - trend - the theory of decision to work and labour-leisure choice - The Functional Theory and its Application.

Unit: IV	Social Security Measures	15 hrs

Concepts of Minimum Wage Act 1948 - Living Wage and Fair wage – Social Insurance and Social Assistance - Workmen Compensation Act 1923 – Women - Maternity Benefit Act and Employees State Insurance Scheme – Eradication of Child Labour – Recent Labor Welfare Measures.

Unit: V	Labour Policy	15 hrs

Labour Market Reforms - Exit Policy - Child Labour Policy in India - Problems and Policy of Female Workers in India - Labour Relations in India - Contract Labour – Recent labor wage policies.

		Total Lecture Hours	75

Books for Study:

1. Ronald G Rhrenberg and Robert S Smith, (2012), Modern Labour Economics, Theory and Public Policy, 11th Edition Pearson.

2. Gupta P.K. (2012), Labour Economics" New Delhi, Vrinda Publication (p) Ltd.

3. S.D. Singh, (2012), Labour Economics", Centrum Press.

Books for References:

1. Esrafil Ali, (2013), Labour Economics, Everest Publishing House.

2. McConnell, (2009), Brue and Macpherson, Contemporary Labour Economics, 8th Edition Mc Graw-Hill.

3. Bhagoliwal T.N, (2002), Economics of Labour and Industrial Relations: SahityaBhavan Agra.

4. Hajela P.D. (19938), Labour Restructuring in India: A Critique of the New Economic Policies, Commonwealth Publishers, New Delhi.

5. T.S.Papola, Ghosh and A.N.Sharma, (1993), Labour Employment and Industrial Relations in India B.R. Publishing House, New Delhi.

Web Resources

1. **https://www.sfu.ca/~friesen/BUEC280_Lecture_1.pdf**

2. **https://www.studocu.com/row/document/kenyatta-university/labour-economics/eae-304-revised-complete-notes-on-labour-economics/8470715**

3. **https://home.cerge-ei.cz/jurajda/MA%20Labor/ma_labor.pdf**

COURSE OUTCOME	K Level
On successful completion of the course, the student will be able to	
CO1: Understand the characteristics of labour problems.	**Up to K3**
CO2: Analyze the theories of labour welfare and their functions.	**Up to K4**
CO3: Remember the supply and growth of labour demand.	**Up to K3**
CO4: Evaluate the employment service organization in India.	**Up to K4**
CO5: Explore the social insurance scheme and maturity.	**Up to K4**

MAPPING: Course Outcome with Programme Outcome

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

*3 – Advanced Application;2 – Intermediate Development;1 - Introductory Level

LESSON PLAN

UNIT	Labour Economics	Hrs	Mode
I	Labour Force - Unemployment - Nature and Scope of Labour in India - Working of Labour Market Characteristics of Industrial labour in India – Composition of Labour Market - Casual Labour in India - Labour market in India	5 5 5	**Chalk and Talk, PPT Video Lectures**
II	Elasticity of Labour demand - Wage Elasticity - Hicks-Marshall Law and its applications - Cross Elasticity of Demand and application of law derived demand - Minimum wage law and its theoretical and employment effects.	5 6 4	**Chalk and Talk, PPT Seminar**
III	Friction in the labour market and law of one price - supply of labour - Labour Market Participation - trend - the theory of decision to work and labour-leisure choice - The Functional Theory and its Application.	8 7	**Chalk and Talk, PPT Assignment**
IV	Concepts of Minimum Wage Act 1948 - Living Wage and Fair wage – Social Insurance and Social Assistance - Workmen Compensation Act 1923 – Women - Maternity Benefit Act and Employees State Insurance Scheme – Eradication of Child Labour – Recent Labor welfare measures.	7 4 4	**Chalk and Talk, PPT**
V	Labour Market Reforms - Exit Policy - Child Labour Policy in India - Problems and Policy of Female Workers in India - Labour Relations in India - Contract Labour – Recent labor wage policies.	5 6 4	**Chalk and Talk, PPT**

Course Designed by: **Dr.S.Palani,** Associate Professor and Head of Economics.

Dr.S.Vishnu Suba, Assistant Professor of Economics.

Learning Outcome Based Education & Assessment (LOBE) Formative Examination - Blue Print Articulation Mapping – K Levels with Course Outcomes (COs)								
Internal	Cos	K Level	Section A MCQs		Section B Short Answers		Section C Either or Choice	Section D Open Choice
			No. of Questions	K - Level	No. of Questions	K – Level		
CI A I	CO1	Up to K3	2	K1	1	K2	2 (K2,K2)	1 (K2)
	CO2	Up to K4	2	K2	2	K1	2 (K3,K3)	1 (K3)
CI A II	CO3	Up to K3	2	K1	1	K2	2 (K2,K2)	1 (K2)
	CO4	Up to K4	2	K2	2	K3	2 (K3,K3)	1 (K4)
Question Pattern CIA I & II	No. of Questions to be asked		4		3		4	2
	No. of Questions to be answered		4		3		2	1
	Marks for each question		1		2		5	10
	Total Marks for each section		4		6		10	10

Distribution of Marks with K Level CIA I & CIA II								
	K Level	Section A (Multiple Choice Questions)	Section B (Short Answer Questions)	Section C (Either / Or Choice)	Section D (Open Choice)	Total Marks	% of (Marks without choice)	Consolidate of %
CI A I	K1	2	4	-		6	12	60
	K2	2	2	10	10	24	48	
	K3	-	-	10	10	20	40	40
	K4	-	-	-		-	-	-
	Marks	4	6	20	20	50	-	100
CI A II	K1	2	-	-		2	4	52
	K2	2	2	10	10	24	48	
	K3	-	4	10		14	28	28
	K4	-	-	-	10	10	20	20
	Marks	4	6	20	20	50	100	100

K1- Remembering and recalling facts with specific answers

K2- Basic understanding of facts and stating main ideas with general answers

K3- Application oriented- Solving Problems

K4- Examining, analyzing, presentation and make inferences with evidences

CO5 will be allotted for individual Assignment which carries five marks as part of CIA component.

S.No	COs	K - Level	MCQs No. of Questions	MCQs K – Level	Short Answers No. of Question	Short Answers K – Level	Section C (Either / or Choice)	Section D (Open Choice)
**Summative Examination – Blue Print Articulation Mapping – K Level with Course Outcomes (COs)**
1	CO1	**Up to K3**	**2**	**K1&K2**	**1**	**K1**	**2(K1&K1)**	**1(K2)**
2	CO2	**Up to K4**	**2**	**K1&K2**	**1**	**K1**	**2(K2&K2)**	**1(K3)**
3	CO3	**Up to K3**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K3)**
4	CO4	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K3)**
5	CO5	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K4&K4)**	**1(K4)**
\multicolumn{2}{c}{No. of Questions to be Asked}		**10**		**5**		**10**	**5**
\multicolumn{2}{c}{No.of Questions to be answered}		**10**		**5**		**5**	**3**
\multicolumn{2}{c}{Marks for each question}		**1**		**2**		**5**	**10**
\multicolumn{2}{c}{Total Marks for each section}		**10**		**10**		**25**	**30**
**(Figures in parenthesis denotes, questions should be asked with the given K level)**

K Level	Section A (Multiple Choice Questions)	Section B (Short Answer Questions)	Section C (Either/ or Choice)	Section D (Open Choice)	Total Marks	% of (Marks without choice)	Consolidated %
**Distribution of Marks with K Level**
K1	5	4	10		19	15.83	41
K2	5	6	10	10	31	25.83	
K3			20	30	50	41.66	42
K4			10	10	20	16.66	17
Marks	10	10	50	50	120	100	100
**NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels.**

Summative Examinations - Question Paper – Pattern

Section A (Multiple Choice Questions)
Answer All Questions   **(10x1=10 marks)**

Q.No	CO	K Level	Questions
1	CO1	K1	
2	CO1	K2	
3	CO2	K1	
4	CO2	K2	
5	CO3	K1	
6	CO3	K2	
7	CO4	K1	
8	CO4	K2	
9	CO5	K1	
10	CO5	K2	

Section B (Short Answers)
Answer All Questions   **(5x2=10 marks)**

Q.No	CO	K Level	Questions
11	CO1	K1	
12	CO2	K1	
13	CO3	K2	
14	CO4	K2	
15	CO5	K2	

Section C (Either/Or Type)
Answer All Questions   **(5 x 5 = 25 marks)**

Q.No	CO	K Level	Questions
16) a	CO1	K1	
16) b	CO1	K1	
17) a	CO2	K2	
17) b	CO2	K2	
18) a	CO3	K3	
18) b	CO3	K3	
19) a	CO4	K3	
19) b	CO4	K3	
20) a	CO5	K4	
20) b	CO5	K4	

NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels

Section D (Open Choice)
Answer Any Three questions   **(3x10=30 marks)**

Q.No	CO	K Level	Questions
21	**CO1**	**K2**	
22	**CO2**	**K3**	
23	**CO3**	**K3**	
24	**CO4**	**K3**	
25	**CO5**	**K4**	

MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS)
DEPARTMENT OF ECONOMICS
(For those who joined in 2021-2022 and after)

Course Name	RURAL DEVELOPMENT			
Course Code	21UECE55	**L**	**P**	**C**
Category	Elective -II	5	-	5
NATURE OF COURSE:	EMPLOYABILITY	SKILL ORIENTED		ENTREPRENURSHIP

COURSE OBJECTIVES: This paper explores the concept of Rural Economy, Major issues, Development policies and Programmes, particularly in the rural context.

1. To enable the students to understand Rural Environment.
2. To enrich the students about Components of Rural Economy.
3. To equip the students to understand the development process and Rural infrastructure.
4. To explore the students about rural development Policies and programmes.
5. To enhance the students to understand source of rural finance and banking.

Unit: I Introduction	
Rural Development: Meaning – Definition – Objectives - Nature and Scope of Rural Economics – Importance- Distinguish between Rural and Urban Development- Causes of Rural Backwardness – Remedial measures.	**15 Hours**

Unit: II Major Issues of **Rural development**	
Population explosion – Poverty – Migration – Agrarian Crisis: Meaning – Causes – Rural Resources Management and Development–Need for Rural development in India.	**15 Hours**

Unit: III Development of Infrastructure	
Education and Rural Development – Rural Health Care Development – Water Supply – Rural Housing – Sanitation – Transport – Determinants of Rural development – Socio-Economic and Cultural Barriers in Rural Development.	**15 Hours**

Unit: IV Rural Development Policies and Welfare Programmes	
Mahatma Gandhi National Rural Employment Guarantee Scheme (MGNREGS) – Pradhan Mantri Gram SadakYojana (PMGSY) –Pradhan Mantri Aawas Yojana (PMAY) National Social Assistant Programmes (NSAP) – SampoornaGrameenRozgarYojana (SGRY) – SarvaSikshaAbhiyan (SSA) — Make in India – Startups.	**15 Hours**

Unit: V Rural Finance and Banking	

Meaning – Sources of Rural Finance – RRBs – NABARD – KVIB – SIDBI – NCDC – Co-Operative Societies – MUDRA – KVIC – PMEGP – DIC – NEEDS - Role – Functions.	15 Hours

	Total Lecture Hours	**75**

Books for Study:

1. K.R. Gupta, (2010), Rural Development in India, Atlantic Publisher.

Books for References:

1. Sreedhar and Rajasekar, (2014), Rural Development in India – Strategies and Processes, Concept Publishing Company Pvt. Ltd, New Delhi.
2. N. Lalitha, (2004), Rural Development in India, Emerging Issues and Trends, Dominant Publishers, New Delhi.
3. Venkata Reddy. K, (2000), Rural Development in India, Himalaya Publishing house, New Delhi.
4. Katar Singh, (1999), Rural Development, Principles, Policies andManagement, Sage Publications, New Delhi.

Web Resources:

1. **https://commerceaspirant.com/rural-development-class-12-notes-and-solutions-economics/**
2. **https://www.vedantu.com/revision-notes/cbse-class-11-economics-indian-economic-development-notes-chapter-6**
3. **https://studytution.com/rural-development-class-12-economics-notes-studytution/**

EXPECTED COURSE OUTCOME		K Level
CO1:	enable to understand Rural Environment.	**Up to K3**
CO2:	enrich about Components of Rural Economy.	**Up to K4**
CO3:	understand the development process and Rural infrastructure.	**Up to K4**
CO4:	Explore about rural development Policies and programmes.	**Up to K4**
CO5:	understand source of rural finance and banking	**Up to K4**

CO & PO Mappings:

CO/PO	PO 1	PO 2	PO 3	PO 4	PO 5	PO6
CO1	3	2	1	3	2	2
CO2	2	2	2	3	2	2
CO3	3	2	1	2	3	2
CO4	2	3	2	3	3	3
CO5	3	2	2	3	3	3

*3 – Advanced Application; **2 –** Intermediate Development; **1 -** Introductory Level

LESSON PLAN

UNIT	SUBJECT NAME Rural Development	Hrs	Mode
I	**Rural Development:** Meaning – Definition – Objectives - Nature and Scope of Rural Economics – Importance- Distinguish between Rural and Urban Development- Causes of Rural Backwardness – Remedial measures.	3 4 2 6	Chalk &talk,ppt
II	Population explosion – Poverty – Migration – Agrarian Crisis: Meaning – Causes – Rural Resources Management and Development–Need for Rural development in India.	5 5 5	Chalk &talk,ppt, Assignment
III	Education and Rural Development – Rural Health Care Development – Water Supply – Rural Housing – Sanitation – Transport – Determinants of Rural development – Socio-Economic and Cultural Barriers in Rural Development.	5 5 5	Chalk &talk,ppt
IV	Mahatma Gandhi National Rural Employment Guarantee Scheme (MGNREGS) – Pradhan Mantri Gram SadakYojana (PMGSY) –Pradhan Mantri Aawas Yojana (PMAY) National Social Assistant Programmes (NSAP) – SampoornaGrameenRozgarYojana (SGRY) – SarvaSikshaAbhiyan (SSA) — Make in India – Startups.	5 5 5	Chalk &talk,ppt, seminar
V	Meaning – Sources of Rural Finance – RRBs – NABARD – KVIB – SIDBI – NCDC – Co-Operative Societies – MUDRA – KVIC – PMEGP – DIC – NEEDS - Role – Functions.	2 5 4 4	Chalk &talk,ppt

Course Designed by: **Dr.S.Vishnu Suba,** Assistant Professor of Economics.

Dr.S.Vigneswaran, Assistant Professor of Economics.

Internal	Cos	K Level	Section A MCQs No. of. Questions	Section A MCQs K - Level	Section B Short Answers No. of. Questions	Section B Short Answers K – Level	Section C Either or Choice	Section D Open Choice
CI AI	CO1	Up to K3	2	K1	1	K2	2 (K2,K2)	1 (K2)
CI AI	CO2	Up to K4	2	K2	2	K1	2 (K3,K3)	1 (K3)
CI AII	CO3	Up to K4	2	K1	1	K2	2 (K2,K2)	1 (K2)
CI AII	CO4	Up to K4	2	K2	2	K3	2 (K3,K3)	1 (K4)
Question Pattern CIA I & II	No. of Questions to be asked		4		3		4	2
	No. of Questions to be answered		4		3		2	1
	Marks for each question		1		2		5	10
	Total Marks for each section		4		6		10	10

Learning Outcome Based Education & Assessment (LOBE)
Formative Examination - Blue Print
Articulation Mapping – K Levels with Course Outcomes (COs)

Distribution of Marks with K Level CIA I & CIA II

	K Level	Section A (Multiple Choice Questions)	Section B (Short Answer Questions)	Section C (Either / Or Choice)	Section D (Open Choice)	Total Marks	% of (Marks without choice)	Consolidate of %
CIA I	K1	2	4	-		6	12	60
	K2	2	2	10	10	24	48	
	K3	-	-	10	10	20	40	40
	K4	-	-	-		-	-	-
	Marks	4	6	20	20	50	-	100
CIA II	K1	2	-	-		2	4	52
	K2	2	2	10	10	24	48	
	K3	-	4	10		14	28	28
	K4	-	-	-	10	10	20	20
	Marks	4	6	20	20	50	100	100

K1- Remembering and recalling facts with specific answers

K2- Basic understanding of facts and stating main ideas with general answers

K3- Application oriented- Solving Problems

K4- Examining, analyzing, presentation and make inferences with evidences

 CO5 will be allotted for individual Assignment which carries five marks as part of CIA component.

Summative Examination – Blue Print Articulation Mapping – K Level with Course Outcomes (COs)							
S.No	COs	K - Level	MCQs		Short Answers		Section C (Either / or Choice)	Section D (Open Choice)
			No. of Questions	K – Level	No. of Question	K – Level		
1	CO1	**Up to K3**	**2**	**K1&K2**	**1**	**K1**	**2(K1&K1)**	**1(K2)**
2	CO2	**Up to K4**	**2**	**K1&K2**	**1**	**K1**	**2(K2&K2)**	**1(K3)**
3	CO3	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K3)**
4	CO4	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K3)**
5	CO5	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K4&K4)**	**1(K4)**
No. of Questions to be Asked			**10**		**5**		**10**	**5**
No.of Questions to be answered			**10**		**5**		**5**	**3**
Marks for each question			**1**		**2**		**5**	**10**
Total Marks for each section			**10**		**10**		**25**	**30**
(Figures in parenthesis denotes, questions should be asked with the given K level)								

Distribution of Marks with K Level							
K Level	Section A (Multiple Choice Questions)	Section B (Short Answer Questions)	Section C (Either/ or Choice)	Section D (Open Choice)	Total Marks	% of (Marks without choice)	Consolidated %
K1	5	4	10		19	15.83	41
K2	5	6	10	10	31	25.83	
K3			20	30	50	41.66	42
K4			10	10	20	16.66	17
Marks	10	10	50	50	120	100	100
NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels.							

Summative Examinations - Question Paper – Pattern

Section A (Multiple Choice Questions)
Answer All Questions   **(10x1=10 marks)**

Q.No	CO	K Level	Questions
1	CO1	K1	
2	CO1	K2	
3	CO2	K1	
4	CO2	K2	
5	CO3	K1	
6	CO3	K2	
7	CO4	K1	
8	CO4	K2	
9	CO5	K1	
10	CO5	K2	

Section B (Short Answers)
Answer All Questions   **(5x2=10 marks)**

Q.No	CO	K Level	Questions
11	CO1	K1	
12	CO2	K1	
13	CO3	K2	
14	CO4	K2	
15	CO5	K2	

Section C (Either/Or Type)
Answer All Questions   **(5 x 5 = 25 marks)**

Q.No	CO	K Level	Questions
16) a	CO1	K1	
16) b	CO1	K1	
17) a	CO2	K2	
17) b	CO2	K2	
18) a	CO3	K3	
18) b	CO3	K3	
19) a	CO4	K3	
19) b	CO4	K3	
20) a	CO5	K4	
20) b	CO5	K4	

NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels

Section D (Open Choice)
Answer Any Three questions   **(3x10=30 marks)**

Q.No	CO	K Level	Questions
21	**CO1**	**K2**	
22	**CO2**	**K3**	
23	**CO3**	**K3**	
24	**CO4**	**K3**	
25	**CO5**	**K4**	

MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS)
DEPARTMENT OF ECONOMICS
(For those who joined in 2021-2022 and after)

Course Name	AGRICULTURAL MARKETING			
Course Code	21UECE56	L	P	C
Category	Elective-II	5	-	5
NATURE OF COURSE:	EMPLOYABILITY	SKILL ORIENTED	ENTREPRENURSHIP	

COURSE OBJECTIVES: To explore the basic concepts of Agricultural Marketing viz., production, product policy and marketing research.
1. To enable students to gain knowledge on importance of Agricultural Marketing.
2. To provide the study platform in the Marketing of Agricultural Inputs.
3. To assess the channels of distribution.
4. To impart knowledge on product warehousing.
5. Tofacilitate the students to undertake Research in Agricultural Marketing.

Unit: I Features of Agricultural Marketing

Meaning - Nature and significance of Agricultural Marketing – History and Growth of Agricultural Marketing - Scientific Marketing of Farm Products: Commandments of Scientific Marketing – Modernization of Food Grain Markets.	**15 Hours**

Unit: II Production of Agriculture

Agricultural Production: Meaning – Definition – Nature – Scope - Objectives – Significance of Agricultural Production - Risk and Uncertainty in Agriculture - Its effects on supply, demand and investment - Crop planning – Marketable and Marketed Surplus.	**15 Hours**

Unit: III Channels of Distribution

Marketing of Agricultural products - Market structure - Regulated and Organized Markets – Wholesale Distribution - Structure - Functions and Service providers – UzhavarSandhai– e-Marketing - Role of Middlemen.	**15 Hours**

Unit: IV Product Warehousing

Production of Food grains - Importance – Process – Logistics – Storage (Cold Storage) and Warehousing - Export Promotion Measures - Measures for a Seasonal Marketing System.	**15 Hours**

Unit: V Agricultural Marketing Research

Meaning - Definition of Marketing Research - Objectives of marketing investigation - Recent trends in Agricultural Marketing - Research areas in Agricultural Marketing - Data sources in Agricultural Marketing - Innovative Approaches in Agricultural Marketing.	**15 Hours**

	Total Lecture Hours	**75**

Books for Study:

1. C.S.G.Krishnamacharyulu, (2011), Rural Marketing: Text and Cases, Second Edition, Pearson Publications, New Delhi.

2. A.A.Rane and A.C Deorukhkar, (2007), Economics of Agriculture, Second Edition, Atlantic Publishers, New Delhi.

Books for References:

1. Sankaran, S. (2010), - Agricultural Economy in India, Margham Publications.

2. Acharya, S. and Agarwal, A.N. (2008), - Agricultural Marketing in India, Oxford and IBH Publishing Company.

3. Memoria , C.B. and Tripathi, B.B., (2003),- Agricultural problems in India Kitab Mahal.

Web Resourses:

1. http://jnkvv.org/PDF/10042020083748concept%20of%20ag%20markeing_EgEcon530.pdf

2. https://www.insightsonindia.com/agriculture/agricultural-marketing-and-issues/process-of-agricultural-marketing/

EXPECTED COURSE OUTCOME On successful completion of the course, the student will be able to	K Level
CO1: Enable to gain knowledge on agricultural marketing system.	**Up to K2**
CO2: Able to understand the Marketing of Agricultural Inputs.	**Up to K3**
CO3: Assess the channels of distribution.	**Up to K3**
CO4: Impart knowledge on product warehousing.	**Up to K4**
CO5: Understand the concept of Agricultural Marketing Research.	**Up to K3**

MAPPING-COURSE OUTCOME WITH PROGRAMME SPECIFIC OUTCOME

CO/PO	PO 1	PO 2	PO 3	PO 4	PO 5	PO6
CO1	2	2	1	3	2	2
CO2	3	2	2	3	3	2
CO3	3	2	2	2	2	2
CO4	2	2	2	3	3	2
CO5	3	3	1	3	3	2

*3 – Advanced Application; **2 –** Intermediate Development; **1 -** Introductory Level

LESSON PLAN

UNIT	SUBJECT NAME Agricultural Marketing	Hrs	Mode
I	Meaning - Nature and significance of Agricultural Marketing – History and Growth of Agricultural Marketing - Scientific Marketing of Farm Products: Commandments of Scientific Marketing – Modernization of Food Grain Markets.	5 5 5	**Chalk and Talk, ppt**
II	Agricultural Production: Meaning – Definition – Nature – Scope - Objectives –Significance of Agricultural Production - Risk and Uncertainty in Agriculture - Its effects on supply, demand and investment - Crop planning – Marketable and Marketed Surplus.	5 5 5	**Chalk and Talk, ppt, Seminar**
III	Marketing of Agricultural products - Market structure - Regulated and Organized Markets – Wholesale Distribution - Structure - Functions and Service providers – UzhavarSandhai– e-Marketing - Role of Middlemen.	5 5 5	**Chalk and Talk, ppt, Assignment**
IV	Production of Food grains - Importance – Process – Logistics – Storage (Cold Storage) and Warehousing - Export Promotion Measures - Measures for a Seasonal Marketing System.	5 5 5	**Chalkand Talk, ppt**
V	Meaning - Definition of Marketing Research - Objectives of marketing investigation - Recent trends in Agricultural Marketing - Research areas in Agricultural Marketing - Data sources in Agricultural Marketing - Innovative Approaches in Agricultural Marketing.	5 5 5	**Chalk and Talk, ppt**

Course Designed by: **Dr.R.Alagesan,** Assistant Professor of Economics.

Dr.S.Palani, Associate Professor and Head of Economics.

Internal	Cos	K Level	Section A		Section B		Section C Either or Choice	Section D Open Choice
			MCQs		Short Answers			
			No. of Questions	K - Level	No. of Questions	K – Level		
CI AI	**CO1**	Up to K2	2	K1	1	K2	2 (K2,K2)	1 (K2)
	CO2	Up to K3	2	K2	2	K1	2 (K3,K3)	1 (K3)
CI AII	**CO3**	Up to K3	2	K1	1	K2	2 (K2,K2)	1 (K2)
	CO4	Up to K4	2	K2	2	K3	2 (K3,K3)	1 (K4)
Question Pattern CIA I & II		No. of Questions to be asked	4		3		4	2
		No. of Questions to be answered	4		3		2	1
		Marks for each question	1		2		5	10
		Total Marks for each section	4		6		10	10

Learning Outcome Based Education & Assessment (LOBE)
Formative Examination - Blue Print
Articulation Mapping – K Levels with Course Outcomes (COs)

	K Level	Section A (Multiple Choice Questions)	Section B (Short Answer Questions)	Section C (Either / Or Choice)	Section D (Open Choice)	Total Marks	% of (Marks without choice)	Consolidate of %
CI A I	**K1**	2	4	-		6	12	60
	K2	2	2	10	10	24	48	
	K3	-	-	10	10	20	40	40
	K4	-	-	-		-	-	-
	Marks	4	6	20	20	50	-	100
CI A II	**K1**	2	-	-		2	4	52
	K2	2	2	10	10	24	48	
	K3	-	4	10		14	28	28
	K4	-	-	-	10	10	20	20
	Marks	4	6	20	20	50	100	100

Distribution of Marks with K Level CIA I & CIA II

K1- Remembering and recalling facts with specific answers

K2- Basic understanding of facts and stating main ideas with general answers

K3- Application oriented- Solving Problems

K4- Examining, analyzing, presentation and make inferences with evidences

CO5 will be allotted for individual Assignment which carries five marks as part of CIA component.

			MCQs		Short Answers		Section C	Section D
S.No	**COs**	**K - Level**	**No. of Questions**	**K – Level**	**No. of Question**	**K – Level**	**(Either / or Choice)**	**(Open Choice)**
1	CO1	**Up to K2**	**2**	**K1&K2**	**1**	**K1**	**2(K1&K1)**	**1(K2)**
2	CO2	**Up to K3**	**2**	**K1&K2**	**1**	**K1**	**2(K2&K2)**	**1(K3)**
3	CO3	**Up to K3**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K3)**
4	CO4	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K4&K4)**	**1(K4)**
5	CO5	**Up to K3**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K3)**
No. of Questions to be Asked			**10**		**5**		**10**	**5**
No.of Questions to be answered			**10**		**5**		**5**	**3**
Marks for each question			**1**		**2**		**5**	**10**
Total Marks for each section			**10**		**10**		**25**	**30**

Summative Examination – Blue Print Articulation Mapping – K Level with Course Outcomes (COs)

(Figures in parenthesis denotes, questions should be asked with the given K level)

Distribution of Marks with K Level

K Level	Section A (Multiple Choice Questions)	Section B (Short Answer Questions)	Section C (Either/ or Choice)	Section D (Open Choice)	Total Marks	% of (Marks without choice)	Consolidated %
K1	5	4	10		19	15.83	41
K2	5	6	10	10	31	25.83	
K3			20	30	50	41.66	42
K4			10	10	20	16.66	17
Marks	10	10	50	50	120	100	100

NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels.

Summative Examinations - Question Paper – Pattern

Section A (Multiple Choice Questions)			
Answer All Questions			(10x1=10 marks)
Q.No	CO	K Level	Questions
1	CO1	K1	
2	CO1	K2	
3	CO2	K1	
4	CO2	K2	
5	CO3	K1	
6	CO3	K2	
7	CO4	K1	
8	CO4	K2	
9	CO5	K1	
10	CO5	K2	
Section B (Short Answers)			
Answer All Questions			(5x2=10 marks)
Q.No	CO	K Level	Questions
11	CO1	K1	
12	CO2	K1	
13	CO3	K2	
14	CO4	K2	
15	CO5	K2	
Section C (Either/Or Type)			
Answer All Questions			(5 x 5 = 25 marks)
Q.No	CO	K Level	Questions
16) a	CO1	K1	
16) b	CO1	K1	
17) a	CO2	K2	
17) b	CO2	K2	
18) a	CO3	K3	
18) b	CO3	K3	
19) a	CO4	K4	
19) b	CO4	K4	
20) a	CO5	K3	
20) b	CO5	K3	
NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels			
Section D (Open Choice)			
Answer Any Three questions			(3x10=30 marks)
Q.No	CO	K Level	Questions
21	**CO1**	**K2**	
22	**CO2**	**K3**	
23	**CO3**	**K3**	
24	**CO4**	**K4**	
25	**CO5**	**K3**	

MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS)
DEPARTMENT OF ECONOMICS
(For those who joined in 2021-2022 and after)

Course Name	DATA ANALYSIS USING SPREADSHEET (PRACTICAL)			
Course Code	21UECSP1	L	P	C
Category	Skill	-	2	2
NATURE OF COURSE:	EMPLOYABILITY	SKILL ORIENTED		ENTREPRENURSHIP

COURSE OBJECTIVES: This course is aimed to introduce MS Excel and make the students to analyse data.

1. To enable the students to understand the functionality of MS Excel.
2. To help the students navigate in spreadsheet.
3. To make the students familiar with formulae.
4. To impart knowledge on creation of charts.
5. To educate the students to generate Pivot Tables.

Unit: I Introduction to Excel		
About MS Excel - Uses of Excel - Workbook and Sheets - Moving between Spreadsheets, Selecting Multiple Spreadsheets, Inserting and Deleting Spreadsheets Renaming Spreadsheets, Splitting the Screen, Freezing Panes, Copying and Pasting Data between Spreadsheets, Hiding, Protecting worksheets.		**6 Hours**
Unit: II Columns and Rows		
Selecting Columns and Rows - Changing Column Width and Row Height –Auto fitting Columns and Rows - Hiding/Unhiding Columns & Rows - Inserting and Deleting Columns & Rows – Cell - Address of a cell - Components of a cell – Format – value – formula - Use of paste and paste special.		**6 Hours**
Unit: III Creating Formulae		
Using Formulae - Formula Functions: Sum, Average, if, Count, max, min, Proper, Upper, Lower, Using AutoSum – Vlookup - Hlookup, Match – Countif – Text – Trim.		**6Hours**
Unit: IV Creating Charts		
Creating Charts - Different types of charts - Formatting Chart Objects - Changing the Chart Type - Showing and Hiding the Legend - Showing and Hiding the Data Table.		**6 Hours**
Unit: V Pivot Tables		
Creating PivotTables, Manipulating a PivotTable, Using the PivotTable Toolbar, Changing Data Field, Properties, Displaying a PivotChart, Setting PivotTable Options - Adding Subtotals to PivotTables.		**6 Hours**
	Total Lecture Hours	**30**

Books for Study:

1. Kenneth N.Berk& Patrick Carey, (2021), Data Analysis with MS Excel, Nelson Education Ltd.

Books for References:

1. Michael Alexander, (2020), Excel 2019 Bible, Wiley, 1st Edition.

2. Mike Girvin, (2020), Slaying Excel Dragons, Holy Macro Books.

3. Mike Girvin, (2013), Ctrl+shift+enter Mastering Excel Array Formulas, Holy Macro Books.

Course Outcomes	K Level
The Students can	
CO1: Understand the functionality of MS Excel.	**Up to K2**
CO2: Navigate in spreadsheet.	**Up to K3**
CO3: Familiar with formulae	**Up to K4**
CO4: Impart knowledge on creation of charts	**Up to K4**
CO5: Generate Pivot Tables	**Up to K4**

CO & PO Mapping:

COS	PO 1	PO 2	PO 3	PO 4	PO 5	PO6
CO 1	3	3	2	2	1	2
CO 2	2	3	1	3	2	3
CO 3	3	3	2	3	1	3
CO 4	3	2	1	3	2	2
CO 5	3	2	2	3	2	3

*3 – Advanced Application; **2 –** Intermediate Development; **1 -** Introductory Level

LESSON PLAN

UNIT	SUBJECT NAME **Data Analysis Using Spreadsheet**	Hrs	Mode
I	About MS Excel - Uses of Excel - Workbook and Sheets - Moving between Spreadsheets, Selecting Multiple Spreadsheets, Inserting and Deleting Spreadsheets Renaming Spreadsheets, Splitting the Screen, Freezing Panes, Copying and Pasting Data between Spreadsheets, Hiding, Protecting worksheets	**6**	**Computer Lab, ppt**
II	Selecting Columns and Rows - Changing Column Width and Row Height –Auto fitting Columns and Rows - Hiding/Unhiding Columns & Rows - Inserting and Deleting Columns & Rows – Cell - Address of a cell - Components of a cell – Format – value – formula - Use of paste and paste special.	**3** **3**	**Computer Lab, ppt**
III	Using Formulae - Formula Functions: Sum, Average, if, Count, max, min, Proper, Upper, Lower, Using Auto Sum – Vlookup - Hlookup, Match – Countif – Text – Trim.	**6**	**Computer Lab,ppt, Assignment**
IV	Creating Charts - Different types of charts - Formatting Chart Objects - Changing the Chart Type - Showing and Hiding the Legend - Showing and Hiding the Data Table.	**4** **2**	**Computer Lab, ppt**
V	Creating PivotTables, Manipulating a PivotTable, Using the PivotTable Toolbar, Changing Data Field, Properties, Displaying a PivotChart, Setting PivotTable Options - Adding Subtotals to PivotTables.	**4** **2**	**Computer Lab, ppt**

Course Designed by: **Dr.S.Vigneswaran,** Assistant Professor of Economics.

Dr.R.Alagesan, Assistant Professor of Economics.

SIXTH SEMESTER

MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS)
DEPARTMENT OF ECONOMICS
(For those who joined in 2021-2022 and after)

Course Name	MACRO EOCONOMICS – II			
Course Code	21UECC61	L	P	C
Category	Core	6	-	4
NATURE OF COURSE:	EMPLOYABILITY	SKILL ORIENTED	ENTREPRENURSHIP	

COURSE OBJECTIVES: The course intends to grant thorough knowledge on Investment Function and Post Keynesian Macro Analysis.

1. To offer crystal clear idea on Investment Function.
2. To illustrate the functionality of Multiplier and Accelerator.
3. To help students to understand the Theories of Inflation.
4. To demonstrate the theories of Business Cycle
5. To explicate post Keynesian Macro Analysis.

Unit: I Multiplier and Accelerator	
Multiplier: Definition – Working of Multiplier – MPC and Multiplier – Assumptions – Leakages – Types - Static and Dynamic Multipliers – Accelerator: Meaning – Significance – Illustrations – Limitations – Super Multiplier.	**22 Hours**

Unit: II Theories of Inflation	
Classical Theories: Classical Theory of Inflation - Neoclassical Theory of Inflation - Keynesian Theory of Inflation - Inflationary Gap - Modern Theories: Demand Pull Inflation - Cost Push Inflation - Mixed Inflation - Bend Hansions Excess Demand Model - Mark Up Inflation - Structural Inflation - Phillips Curve.	**15 Hours**

Unit: III Theories of Business Cycle	
Definition – Characteristics – Phases – Types –Theories: Sunspot theory – Psychological theory – Hicks theory – Samuelson's Trade Cycle Model - Kaldors Model of Trade Cycle.	**14 Hours**

Unit: IV Post Keynesian Macro Analysis	
Post Keynesian Macro Analysis – General Equilibrium of Monetary and Real Sector – Contribution of Hicks, Hansen – IS and LM – Diagram. -Nature and Extent of Keynesian Revolution – Criticisms - Monetarism verses Keneysianism.	**15 Hours**

Unit: V Theories of Consumption Function	
Consumption Function – Factors affecting consumption-Consumption and Savings-Absolute Income Hypothesis – Relative Income Hypothesis – Permanent Income Hypothesis – Life Cycle Hypothesis.	**24 Hours**

	Total Lecture Hours	90

Books for Study:

1. Sankaran .S, (2016), Macro Economics, Margham Publications.
2. Jhingan M.L, (2014), Macro Economic Theory, Vrinda Publications Pvt. Ltd, 12th Edition.

Books for References:

1. Tyagi.R, (2016), Macro Economics – An Analysis, Ancient Publishing House.
2. Gupta, K.R., Mandal, R.K. and Anitha Gupta(2008), Macro Economics, Atlantic Publishers, New Delhi.
3. Deepa shree, Vanita Agarwal, (2007), Macro Economics, Tata McGraw –Hill Publishing Company Ltd, New Delhi.
4. Ahuja, H.L. (2007), Macro Economics Theory and Policy – Advanced Analysis, S. Chand & Company Ltd, New Delhi.

Web Resources:

1. **https://edge.sagepub.com/sextonmacro8e**
2. **https://openstax.org/details/books/principles-macroeconomics-2e**
3. **https://guides.baker.edu/c.php?g=303189&p=5879126**
4. **https://homepage.univie.ac.at/robert.kunst/macro1.pdf**

EXPECTED COURSE OUTCOME On successful completion of the course, the student will be able to	**K Level**
CO1: Illustrate the functionality of Multiplier and Accelerator.	**Up to K2**
CO2: Analyse the Theories of Inflation.	**Up to K3**
CO3: Demonstrate the theories of Business Cycle	**Up to K4**
CO4: Explicate post Keynesian Macro Analysis.	**Up to K4**
CO5: Explore the functionalities of consumption function	**Up to K3**

MAPPING-COURSE OUTCOME WITH PROGRAMME SPECIFIC OUTCOME

CO/PO	PO 1	PO 2	PO 3	PO 4	PO 5	PO6
CO1	3	3	2	3	2	2
CO2	3	3	2	2	3	3
CO3	2	2	1	3	2	2
CO4	3	2	1	2	2	2
CO5	3	3	2	2	2	2

*3 – Advanced Application; **2 –** Intermediate Development; **1 -** Introductory Level

LESSON PLAN

UNIT	SUBJECT NAME **Macro Economics - II**	Hrs	Mode
I	Multiplier: Definition – Working of Multiplier – MPC and Multiplier – Assumptions – Leakages – Types - Static and Dynamic Multipliers – Accelerator: Meaning – Significance – Illustrations – Limitations – Super Multiplier.	**8** **8** **8**	Chalk and Talk, ppt
II	Classical Theories: Classical Theory of Inflation - Neoclassical Theory of Inflation - Keynesian Theory of Inflation - Inflationary Gap - Modern Theories: Demand Pull Inflation - Cost Push Inflation - Mixed Inflation - Bend Hansions Excess Demand Model - Mark Up Inflation - Structural Inflation - Phillips Curve.	**7** **7** **8**	Chalk and Talk, ppt, Seminar
III	Definition – Characteristics – Phases – Types –Theories: Sunspot theory – Psychological theory – Hicks theory – Samuelson's Trade Cycle Model - Kaldors Model of Trade Cycle.	**8** **7**	Chalk and Talk, ppt, Assignment
IV	Post Keynesian Macro Analysis – General Equilibrium of Monetary and Real Sector – Contribution of Hicks, Hansen – IS and LM – Diagram. -Nature and Extent of Keynesian Revolution – Criticisms - Monetarism verses Keneysianism.	**4** **10**	Chalk and Talk,ppt, Seminar
V	Consumption Function – Factors affecting consumption-Consumption and Savings-Absolute Income Hypothesis – Relative Income Hypothesis – Permanent Income Hypothesis – Life Cycle Hypothesis.	**5** **5** **5**	Chalk and Talk, PPT

Course Designed by: **Dr.R.Alagesan,** Assistant Professor of Economics.

Ms.M.Sivanya, Assistant Professor of Economics.

Learning Outcome Based Education & Assessment (LOBE) Formative Examination - Blue Print Articulation Mapping – K Levels with Course Outcomes (COs)								
Internal	**Cos**	**K Level**	**Section A**		**Section B**		**Section C Either or Choice**	**Section D Open Choice**
			MCQs		**Short Answers**			
			No. of. Questions	**K - Level**	**No. of. Questions**	**K – Level**		
CI AI	**CO1**	Up to K2	2	K1	1	K2	2 (K2,K2)	1 (K2)
	CO2	Up to K3	2	K2	2	K1	2 (K3,K3)	1 (K3)
CI AII	**CO3**	Up to K4	2	K1	1	K2	2 (K2,K2)	1 (K2)
	CO4	Up to K4	2	K2	2	K3	2 (K3,K3)	1 (K4)
Question Pattern CIA I & II	No. of Questions to be asked		**4**		**3**		**4**	**2**
	No. of Questions to be answered		**4**		**3**		**2**	**1**
	Marks for each question		**1**		**2**		**5**	**10**
	Total Marks for each section		**4**		**6**		**10**	**10**

Distribution of Marks with K Level CIA I & CIA II								
	K Level	**Section A (Multiple Choice Questions)**	**Section B (Short Answer Questions)**	**Section C (Either / Or Choice)**	**Section D (Open Choice)**	**Total Marks**	**% of (Marks without choice)**	**Consolidate of %**
CIA I	**K1**	2	4	-		6	12	60
	K2	2	2	10	10	24	48	
	K3	-	-	10	10	20	40	40
	K4	-	-	-		-	-	-
	Marks	4	6	20	20	50	-	100
CIA II	**K1**	2	-	-		2	4	52
	K2	2	2	10	10	24	48	
	K3	-	4	10		14	28	28
	K4	-	-	-	10	10	20	20
	Marks	4	6	20	20	50	100	100

K1- Remembering and recalling facts with specific answers

K2- Basic understanding of facts and stating main ideas with general answers

K3- Application oriented- Solving Problems

K4- Examining, analyzing, presentation and make inferences with evidences

CO5 will be allotted for individual Assignment which carries five marks as part of CIA component.

Summative Examination – Blue Print Articulation Mapping – K Level with Course Outcomes (COs)

S.No	COs	K - Level	MCQs		Short Answers		Section C (Either / or Choice)	Section D (Open Choice)
			No. of Questions	K – Level	No. of Question	K – Level		
1	CO1	**Up to K2**	**2**	**K1&K2**	**1**	**K1**	**2(K1&K1)**	**1(K2)**
2	CO2	**Up to K3**	**2**	**K1&K2**	**1**	**K1**	**2(K2&K2)**	**1(K3)**
3	CO3	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K4)**
4	CO4	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K3)**
5	CO5	**Up to K3**	**2**	**K1&K2**	**1**	**K2**	**2(K4&K4)**	**1(K3)**
No. of Questions to be Asked			**10**		**5**		**10**	**5**
No.of Questions to be answered			**10**		**5**		**5**	**3**
Marks for each question			**1**		**2**		**5**	**10**
Total Marks for each section			**10**		**10**		**25**	**30**
(Figures in parenthesis denotes, questions should be asked with the given K level)								

Distribution of Marks with K Level

K Level	Section A (Multiple Choice Questions)	Section B (Short Answer Questions)	Section C (Either/ or Choice)	Section D (Open Choice)	Total Marks	% of (Marks without choice)	Consolidated %
K1	5	4	10		19	15.83	41
K2	5	6	10	10	31	25.83	
K3			20	30	50	41.66	42
K4			10	10	20	16.66	17
Marks	10	10	50	50	120	100	100
NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels.							

Summative Examinations - Question Paper – Pattern

Section A (Multiple Choice Questions)			
Answer All Questions			**(10x1=10 marks)**
Q.No	**CO**	**K Level**	**Questions**
1	CO1	K1	
2	CO1	K2	
3	CO2	K1	
4	CO2	K2	
5	CO3	K1	
6	CO3	K2	
7	CO4	K1	
8	CO4	K2	
9	CO5	K1	
10	CO5	K2	
Section B (Short Answers)			
Answer All Questions			**(5x2=10 marks)**
Q.No	**CO**	**K Level**	**Questions**
11	CO1	K1	
12	CO2	K1	
13	CO3	K2	
14	CO4	K2	
15	CO5	K2	
Section C (Either/Or Type)			
Answer All Questions			**(5 x 5 = 25 marks)**
Q.No	**CO**	**K Level**	**Questions**
16) a	CO1	K1	
16) b	CO1	K1	
17) a	CO2	K2	
17) b	CO2	K2	
18) a	CO3	K3	
18) b	CO3	K3	
19) a	CO4	K3	
19) b	CO4	K3	
20) a	CO5	K4	
20) b	CO5	K4	
NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels			
Section D (Open Choice)			
Answer Any Three questions			**(3x10=30 marks)**
Q.No	**CO**	**K Level**	**Questions**
21	**CO1**	**K2**	
22	**CO2**	**K3**	
23	**CO3**	**K4**	
24	**CO4**	**K3**	
25	**CO5**	**K3**	

MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS)
DEPARTMENT OF ECONOMICS
(For those who joined in 2021-2022 and after)

Course Name	INDIAN ECONOMY			
Course Code	21UECC62	**L**	**P**	**C**
Category	Core	6	-	4
NATURE OF COURSE:	EMPLOYABILITY	SKILL ORIENTED		ENTREPRENURSHIP

COURSE OBJECTIVES: This subject is highly useful for students to know contemporary issues of Indian Economy.

1. To acquire sufficient knowledge about Indian Economy.
2. To develop an orientation on recent agricultural developments in India.
3. To give the basic knowledge about the industrial developments in India.
4. To know the role of financial sector in India.
5. To enable the students to analyze various problems pertaining to Indian Economy.

Unit: I Introduction	
Economic Systems - Characteristics of Indian Economy– Economic Growth and Development: Meaning - Factors Determining Economic Development – Difference between Economic Development and Economic Growth- Mixed Economy - Parallel Economy: Causes-Measures.	**18 Hours**

Unit: II Agriculture Sector	
Role of Agricultural in Economic Development - Relationship between Agriculture and Industry - Contribution of Agriculture in Indian Economy - Share in National Income - Agricultural Productivity - Cropping Pattern - Green Revolution –Food Security in India – Indian Agriculture towards 2030.	**18 Hours**

Unit: III Industrial Sector	
Role of Public Sector in Indian Economy – Growth - Performance - Industrial Policy of 1991, 2009, 2014 and 2019 - Small Scale Industries in India :Role - Problems –Industrial Finance – Industrial Development under Five-Year plans – Industrial Sickness.	**18 Hours**

Unit: IV Financial Sector	
Financial Sector Reforms in India – Types – Role of Financial Sector in Indian Economy – Importance of Foreign Trade for Indian Economy- Development of Indian Capital Market and Money Market-SEBI – Financial crisis – Causes – Controls.	**18 Hours**

Unit: V Problems and Policies in Indian Economy	
Poverty, Inequalityand Unemployment in India –Causes and Consequences -Regional Disparities in India- Broad achievements and failures	**18 Hours**

of India's Five Year Plans – <mark>NITI Aayog</mark> – <mark>New Logistic Policy 2022</mark>-Population Policies in India – <mark>Challenges faced by Indian Economy due to Covid-19.</mark>

	Total Lecture Hours	90

Books for Study:
1. Datt and Sundharam, Ashwani Mahajan and Gaurav Dutt, (2021), Indian Economy, S.Chand company Ltd, New Delhi.
2. Misra and Puri, (2019), Indian Economy, Himalaya Publishing House, Mumbai.

Books for References:
1. Ramesh Singh, (2019), Indian Economy, McGraw Hill Education, Noida.
2. Uma Kapila, (2019), Indian Economy, Academic Foundation.
3. S.Sankaran, (2018), Indian Economy, Margham Publications.
4. Lakshmi Kanth.M. (2011), Indian Economy, McGraw Hill Education, Noida.

Web Resources:
1. https://unacademy.com/content/ssc/study-material/indian-economy/nature-of-indian-economy/
2. https://www.studyadda.com/notes/upsc/economics/indian-economy%E0%A4%AD%E0%A4%B0%E0%A4%A4%E0%A4%AF-%E0%A4%85%E0%A4%B0%E0%A4%A5%E0%A4%B5%E0%A4%AF%E0%A4%B5%E0%A4%B8%E0%A4%A5/short-notes-indian-economy/10876
3. https://www.toppr.com/ask/content/posts/sectors-of-the-indian-economy/notes-22222/

EXPECTED COURSE OUTCOME		K Level
CO1:	Associate Mixed Economy with other Economic Systems.	**Up to K3**
CO2:	Understand the structure and the importance of Agriculture sector.	**Up to K4**
CO3:	Manipulate the effects of industrial policies.	**Up to K4**
CO4:	Comprehend the current financial reforms and trade condition in India	**Up to K4**
CO5:	Appraise the current issues and policies of Indian Economy.	**Up to K4**

CO & PO Mappings:

CO/PO	PO 1	PO 2	PO 3	PO 4	PO 5	PO6
CO1	3	2	1	2	3	3
CO2	3	3	2	3	2	3
CO3	3	3	2	2	3	3
CO4	3	3	1	2	3	3
CO5	2	2	2	3	2	2

*3 – Advanced Application; **2 –** Intermediate Development; **1 -** Introductory Level

LESSON PLAN

UNIT	SUBJECT NAME **Indian Economy**	Hrs	Mode
I	Economic Systems - Characteristics of Indian Economy– Economic Growth and Development: Meaning - Factors Determining Economic Development – Difference between Economic Development and Economic Growth- Mixed Economy - Parallel Economy: Meaning- Causes-Measures.	**4** **5** **4** **5**	**Chalk & talk, ppt**
II	Role of Agricultural in Economic Development - Relationship between Agriculture and Industry - Contribution of Agricultural in Indian Economy - Share in National Income - Agricultural Productivity - Crop Pattern - Green Revolution –Food Security in India – Indian Agriculture towards 2030.	**4** **5** **5** **4**	**Chalk & talk, ppt, Discussion**
III	Role of Public Sector in Indian Economy – Growth - Performance - Industrial Policy of 1991, 2009, 2014 and 2019 - Small Scale Industries in India :Role - Problems –Industrial Finance – Industrial Development under Five-Year plans – Industrial Sickness.	**5** **5** **4** **4**	**Chalk & talk, ppt, seminar**
IV	Financial Sector Reforms in India – Types – Role of Financial Sector in Indian Economy – Importance of Foreign Trade for Indian Economy- Development of Indian Capital Market and Money Market-SEBI – Financial crisis – Causes – Controls.	**5** **4** **4** **5**	**Chalk & talk, ppt, Assignment**
V	Poverty, Inequalityand Unemployment in India –Causes and Consequences -Regional Disparities in India- Broad achievements and failures of India's Five Year Plans – NITI Aayog – New Logistic Policy 2022- Population Policies in India – Challenges faced by Indian Economy due to Covid-19	**6** **5** **4** **3**	**Chalk & talk, ppt**

Course Designed by: **Dr.S.Vishnu Suba,** Assistant Professor of Economics.

Dr.S.Vigneswaran, Assistant Professor of Economics

.

Learning Outcome Based Education & Assessment (LOBE) Formative Examination - Blue Print Articulation Mapping – K Levels with Course Outcomes (COs)								
Internal	**Cos**	**K Level**	**Section A**		**Section B**		**Section C Either or Choice**	**Section D Open Choice**
			MCQs		**Short Answers**			
			No. of. Questions	**K - Level**	**No. of. Questions**	**K – Level**		
CI AI	**CO1**	Up to K3	2	K1	1	K2	2 (K2,K2)	1 (K2)
	CO2	Up to K4	2	K2	2	K1	2 (K3,K3)	1 (K3)
CI AII	**CO3**	Up to K4	2	K1	1	K2	2 (K2,K2)	1 (K2)
	CO4	Up to K4	2	K2	2	K3	2 (K3,K3)	1 (K4)
Question Pattern CIA I & II	No. of Questions to be asked		**4**		**3**		**4**	**2**
	No. of Questions to be answered		**4**		**3**		**2**	**1**
	Marks for each question		**1**		**2**		**5**	**10**
	Total Marks for each section		**4**		**6**		**10**	**10**

Distribution of Marks with K Level CIA I & CIA II								
	K Level	**Section A (Multiple Choice Questions)**	**Section B (Short Answer Questions)**	**Section C (Either / Or Choice)**	**Section D (Open Choice)**	**Total Marks**	**% of (Marks without choice)**	**Consolidate of %**
CIA I	**K1**	2	4	-		6	12	60
	K2	2	2	10	10	24	48	
	K3	-	-	10	10	20	40	40
	K4	-	-	-		-	-	-
	Marks	4	6	20	20	50	-	100
CIA II	**K1**	2	-	-		2	4	52
	K2	2	2	10	10	24	48	
	K3	-	4	10		14	28	28
	K4	-	-	-	10	10	20	20
	Marks	4	6	20	20	50	100	100

K1- Remembering and recalling facts with specific answers

K2- Basic understanding of facts and stating main ideas with general answers

K3- Application oriented- Solving Problems

K4- Examining, analyzing, presentation and make inferences with evidences

CO5 will be allotted for individual Assignment which carries five marks as part of CIA component.

S.No	COs	K - Level	MCQs		Short Answers		Section C (Either / or Choice)	Section D (Open Choice)
			No. of Questions	K – Level	No. of Question	K – Level		
1	CO1	**Up to K3**	**2**	**K1&K2**	**1**	**K1**	**2(K1&K1)**	**1(K2)**
2	CO2	**Up to K4**	**2**	**K1&K2**	**1**	**K1**	**2(K2&K2)**	**1(K3)**
3	CO3	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K3)**
4	CO4	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K3)**
5	CO5	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K4&K4)**	**1(K4)**
No. of Questions to be Asked			**10**		**5**		**10**	**5**
No.of Questions to be answered			**10**		**5**		**5**	**3**
Marks for each question			**1**		**2**		**5**	**10**
Total Marks for each section			**10**		**10**		**25**	**30**

Summative Examination – Blue Print Articulation Mapping – K Level with Course Outcomes (COs)

(Figures in parenthesis denotes, questions should be asked with the given K level)

Distribution of Marks with K Level

K Level	Section A (Multiple Choice Questions)	Section B (Short Answer Questions)	Section C (Either/ or Choice)	Section D (Open Choice)	Total Marks	% of (Marks without choice)	Consolidated %
K1	5	4	10		19	15.83	41
K2	5	6	10	10	31	25.83	
K3			20	30	50	41.66	42
K4			10	10	20	16.66	17
Marks	10	10	50	50	120	100	100

NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels.

Summative Examinations - Question Paper – Pattern

Section A (Multiple Choice Questions)			
Answer All Questions			**(10x1=10 marks)**
Q.No	**CO**	**K Level**	**Questions**
1	CO1	K1	
2	CO1	K2	
3	CO2	K1	
4	CO2	K2	
5	CO3	K1	
6	CO3	K2	
7	CO4	K1	
8	CO4	K2	
9	CO5	K1	
10	CO5	K2	
Section B (Short Answers)			
Answer All Questions			**(5x2=10 marks)**
Q.No	**CO**	**K Level**	**Questions**
11	CO1	K1	
12	CO2	K1	
13	CO3	K2	
14	CO4	K2	
15	CO5	K2	
Section C (Either/Or Type)			
Answer All Questions			**(5 x 5 = 25 marks)**
Q.No	**CO**	**K Level**	**Questions**
16) a	CO1	K1	
16) b	CO1	K1	
17) a	CO2	K2	
17) b	CO2	K2	
18) a	CO3	K3	
18) b	CO3	K3	
19) a	CO4	K3	
19) b	CO4	K3	
20) a	CO5	K4	
20) b	CO5	K4	

NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels

Section D (Open Choice)			
Answer Any Three questions			**(3x10=30 marks)**
Q.No	**CO**	**K Level**	**Questions**
21	**CO1**	**K3**	
22	**CO2**	**K3**	
23	**CO3**	**K3**	
24	**CO4**	**K3**	
25	**CO5**	**K4**	

MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS)
DEPARTMENT OF ECONOMICS
(For those who joined in 2021-2022 and after)

Course Name	PROJECT AND VIVA - VOCE			
Course Code	21UECPR1	L	P	C
Category	Core	6	-	4
Nature of course:	EMPLOYABILITY	SKILL ORIENTED		ENTREPRENEURSHIP

COURSE OBJECTIVES: After completing this course the students will be able:

1: Identify key reference documents to help guide the structure and style of the report

2: Describe the connection between proposals and reports

3: Possess practical exposure of collections of data and analysis for its results

4: Apply key elements of structure and style in drafting longer documents

5: Compare strategies for conveying information with text and visually

The final year students must undergo 4 weeks Data Collection work for their fifth semester vacation i.e. before starting their sixth semester after completing their fifth semester examinations. The report preparation, presentation and viva during the sixth semester and the marks guidelines to be strictly followed:

1. The Project Report should be on the basis of field survey and secondary data only.

2. The data collection period should be during weekend and holidays.

3. There will be one Faculty Guide to prepare the project report.

4. The students should submit the Project Report (Minimum 50 Pages).

5. The Marks for Project Report will be awarded only on the basis of the Project Report.

Course Description

The Project is conducted by the following Course Pattern.

Internal

Presentation   20

Submission   20

Total   40

External

Project Report

Viva Voce   60

       Total   100

            ----

6. The Project Report should contain

(a) Introduction about the Study

(b) Objectives of the Study

(c) Scope of the Study

(d) Limitations of the Study

(e) Analysis and Interpretation

(f) Findings, Suggestions and Recommendations

(g) Conclusion

(h) Bibliography

7. The evaluation of the Project Report will be internal only.

EXPECTED COURSE OUTCOME On successful completion of the course, the student will be able to		K Level
CO1:	Identify key reference documents to help guide the structure and style of the report.	**Up to K3**
CO2:	Describe the connection between proposals and reports.	**Up to K3**
CO3:	Possess practical exposure of collections of data and analysis for its results.	**Up to K4**
CO4:	Apply key elements of structure and style in drafting longer documents.	**Up to K3**
CO5:	Compare strategies for conveying information with text and visually.	**Up to K3**

CO & PO Mappings:

COS	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6
CO 1	3	2	2	2	2	3
CO 2	3	3	2	2	2	3
CO 3	3	2	3	3	3	3
CO 4	2	3	2	2	2	3
CO 5	2	3	2	3	2	1

*3 – Advanced Application; **2 –** Intermediate Development; **1 -** Introductory Level

MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS)
DEPARTMENT OF ECONOMICS
(For those who joined in 2021-2022 and after)

Course Name	ENTREPRENEURSHIP DEVELOPMENT			
Course Code	21UECE61	**L**	**P**	**C**
Category	**Elective - I**	5	-	5
NATURE OF COURSE:	EMPLOYABILITY	SKILL ORIENTED	**ENTREPRENURSHIP**	

COURSE OBJECTIVES: To enable students acquire knowledge of entrepreneurship.

1. To develop knowledge towards entrepreneurship.
2. To attain knowledge on motivation theories.
3. To gain awareness about the women entrepreneurs.
4. Tounderstand the entrepreneurship development programmes.
5. To identify the entrepreneurial development agencies.

Unit	Content	Hours
Unit: I Introduction	Entrepreneur: Meaning – Definition –Characteristics-Types of Entrepreneurs – Functions-Qualities of a Successful Entrepreneur – Factors Affecting Entrepreneurial Growth - Entrepreneurship: Meaning - Difference between Entrepreneurship and Entrepreneur - Role of Entrepreneurship in Economic Development.	**15 Hours**
Unit: II Motivation of Entrepreneurs	Entrepreneurial Motivation -Motivation Theories–(David Mc Cleland)- Motivating Factors– Entrepreneurial Mobility – Factors Influencing Mobility – Need for Entrepreneurship Development Programme – Objectives of EDP'S.	**15 Hours**
Unit: III Women Entrepreneurship	Women Entrepreneurs: – Types - Opportunities and Porgrammes for women entrepreneurship –Role of SHGs in Women Entrepreneurship - Problems and Challenges. Rural Entrepreneurship: Importance, Issues and Challenges – Remedies.	**15 Hours**
Unit: IV Entrepreneurship Development in India	Entrepreneurship in India –Small Enterprises- Types of Small Scale Industries – Project Identification and Selection of Business idea – Generating business idea – Feasibility study – formation of the business plan.	**15 Hours**
Unit: V Entrepreneurial Development Agencies	Institutional Finance to Entrepreneurs – Commercial Banks – IDBI – IFCI – ICICI – IRBI –LIC – UTI – SFC'S – SIDC'S – SIDBI – EXIM BANK – TIIC – NSIC – DIC – Industrial Estates –Objectives and Functions.	**15 Hours**

		Total Lecture Hours	75

Books for Study:

1. Khanha S.S., (2012), "Entrepreneurial Development", S.Chand & Company Ltd., New Delhi,

5th Edition.

Books for References:

1. Sangeetha Sharma, (2016), "Entrepreneurship Development", PHI Learning Pvt.Ltd, New Delhi.
2. Gupta C.B. & Srinivasan N.P., (2013), Entrepreneurial Development, Sultan Chand & Sons.

Web Resources:

1. **https://www.iare.ac.in/sites/default/files/lecture_notes/IARE_Entrepreneurial_Development_NOTES.pdf**
2. **https://www.pasc.edu.in/wp-content/uploads/2021/04/ENTREPRENEURSHIP-DEVELOPMENT-III-BBA.pdf**

EXPECTED COURSE OUTCOME On successful completion of the course, the student will be able to	K Level
CO1: Remember theconcepts andrealize the role of entrepreneurship in EconomicDevelopment.	**Up to K2**
CO2: Acquire knowledge on motivation theories and Entrepreneurship Development programmes.	**Up to K3**
CO3: Obtain the awareness on Women Entrepreneurship.	**Up to K3**
CO4: Understand and identify the sources of entrepreneurship.	**Up to K3**
CO5: Comprehend idea on Entrepreneurship Development Agencies.	**Up to K4**

CO & PO Mappings:

COS	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6
CO 1	3	2	1	2	2	3
CO 2	3	3	2	2	2	3
CO 3	3	2	2	3	3	3
CO 4	2	3	1	2	2	3
CO 5	2	3	2	3	2	1

*3 – Advanced Application; **2 –** Intermediate Development; **1 -** Introductory Level

LESSON PLAN

UNIT	SUBJECT NAME Entrepreneurship Development	Hrs	Mode
I	Entrepreneur: Meaning – Definition –Characteristics-Types of Entrepreneurs – Functions-Qualities of a Successful Entrepreneur – Factors Affecting Entrepreneurial Growth - Entrepreneurship: Meaning - Difference between Entrepreneurship and Entrepreneur - Role of Entrepreneurship in Economic Development.	5 5 5	**Chalk and Talk, ppt**
II	Entrepreneurial Motivation -Motivation Theories–(David Mc Cleland)- Motivating Factors– Entrepreneurial Mobility – Factors Influencing Mobility – Need for Entrepreneurship DevelopmentProgramme – Objectives of EDP'S.	5 5 5	**Chalk and Talk, ppt Assignment**
III	Women Entrepreneurs: – Types - Opportunities and Porgrammes for women entrepreneurship –Role of SHGs in Women Entrepreneurship - Problems and Challenges. Rural Entrepreneurship: Importance, Issues and Challenges – Remedies.	5 5 5	**Chalk and Talk, Discussion**
IV	Sources of Entrepreneurship in India –Small Enterprises- Types of Small Scale Industries – Project Identification and Selection of Business idea – Generating business idea – Feasibility study – formation of the business plan.	6 5 5	**Chalk and Talk, ppt**
V	Institutional Finance to Entrepreneurs – Commercial Banks – IDBI – IFCI – ICICI – IRBI –LIC – UTI – SFC'S – SIDC'S – SIDBI – EXIM BANK – TIIC – NSIC – DIC – Industrial Estates – Objectives and Functions.	10 5	**Chalk and Talk, ppt**

Course Designed by: **Dr.R.Alagesan,** Assistant Professor of Economics.

Dr.S.Vigneswaran, Assistant Professor of Economics.

Learning Outcome Based Education & Assessment (LOBE) Formative Examination - Blue Print Articulation Mapping – K Levels with Course Outcomes (COs)								
Internal	**Cos**	**K Level**	**Section A**		**Section B**		**Section C Either or Choice**	**Section D Open Choice**
			MCQs		**Short Answers**			
			No. of. Questions	**K - Level**	**No. of. Questions**	**K – Level**		
CI AI	**CO1**	Up to K2	2	K1	1	K2	2 (K2,K2)	1 (K2)
	CO2	Up to K3	2	K2	2	K1	2 (K3,K3)	1 (K3)
CI AII	**CO3**	Up to K3	2	K1	1	K2	2 (K2,K2)	1 (K2)
	CO4	Up to K3	2	K2	2	K3	2 (K3,K3)	1 (K3)
Question Pattern CIA I & II	No. of Questions to be asked		**4**		**3**		**4**	**2**
	No. of Questions to be answered		**4**		**3**		**2**	**1**
	Marks for each question		**1**		**2**		**5**	**10**
	Total Marks for each section		**4**		**6**		**10**	**10**

Distribution of Marks with K Level CIA I & CIA II								
	K Level	**Section A (Multiple Choice Questions)**	**Section B (Short Answer Questions)**	**Section C (Either / Or Choice)**	**Section D (Open Choice)**	**Total Marks**	**% of (Marks without choice)**	**Consolidate of %**
CI A I	**K1**	2	4	-		6	12	60
	K2	2	2	10	10	24	48	
	K3	-	-	10	10	20	40	40
	K4	-	-	-	-	-	-	-
	Marks	4	6	20	20	50	-	100
CI A II	**K1**	2	-	-		2	4	52
	K2	2	2	10	10	24	48	
	K3	-	4	10	10	24	48	28
	K4	-	-	-	-			20
	Marks	4	6	20	20	50	100	100

K1- Remembering and recalling facts with specific answers

K2- Basic understanding of facts and stating main ideas with general answers

K3- Application oriented- Solving Problems

K4- Examining, analyzing, presentation and make inferences with evidences

CO5 will be allotted for individual Assignment which carries five marks as part of CIA component.

			MCQs		Short Answers		Section C	Section D
S.No	**COs**	**K - Level**	**No. of Questions**	**K – Level**	**No. of Question**	**K – Level**	**(Either / or Choice)**	**(Open Choice)**
1	CO1	**Up to K2**	**2**	**K1&K2**	**1**	**K1**	**2(K1&K1)**	**1(K2)**
2	CO2	**Up to K3**	**2**	**K1&K2**	**1**	**K1**	**2(K2&K2)**	**1(K3)**
3	CO3	**Up to K3**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K3)**
4	CO4	**Up to K3**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K3)**
5	CO5	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K4&K4)**	**1(K4)**
No. of Questions to be Asked			**10**		**5**		**10**	**5**
No.of Questions to be answered			**10**		**5**		**5**	**3**
Marks for each question			**1**		**2**		**5**	**10**
Total Marks for each section			**10**		**10**		**25**	**30**

Summative Examination – Blue Print Articulation Mapping – K Level with Course Outcomes (COs)

(Figures in parenthesis denotes, questions should be asked with the given K level)

Distribution of Marks with K Level

K Level	Section A (Multiple Choice Questions)	Section B (Short Answer Questions)	Section C (Either/ or Choice)	Section D (Open Choice)	Total Marks	% of (Marks without choice)	Consolidated %
K1	5	4	10		19	15.83	41
K2	5	6	10	10	31	25.83	
K3			20	30	50	41.66	42
K4			10	10	20	16.66	17
Marks	10	10	50	50	120	100	100

NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels.

Summative Examinations - Question Paper – Pattern

Section A (Multiple Choice Questions)			
Answer All Questions			**(10x1=10 marks)**
Q.No	**CO**	**K Level**	**Questions**
1	CO1	K1	
2	CO1	K2	
3	CO2	K1	
4	CO2	K2	
5	CO3	K1	
6	CO3	K2	
7	CO4	K1	
8	CO4	K2	
9	CO5	K1	
10	CO5	K2	

Section B (Short Answers)			
Answer All Questions			**(5x2=10 marks)**
Q.No	**CO**	**K Level**	**Questions**
11	CO1	K1	
12	CO2	K1	
13	CO3	K2	
14	CO4	K2	
15	CO5	K2	

Section C (Either/Or Type)			
Answer All Questions			**(5 x 5 = 25 marks)**
Q.No	**CO**	**K Level**	**Questions**
16) a	CO1	K1	
16) b	CO1	K1	
17) a	CO2	K2	
17) b	CO2	K2	
18) a	CO3	K3	
18) b	CO3	K3	
19) a	CO4	K3	
19) b	CO4	K3	
20) a	CO5	K3	
20) b	CO5	K3	

NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels

Section D (Open Choice)			
Answer Any Three questions			**(3x10=30 marks)**
Q.No	**CO**	**K Level**	**Questions**
21	**CO1**	**K2**	
22	**CO2**	**K3**	
23	**CO3**	**K3**	
24	**CO4**	**K3**	
25	**CO5**	**K4**	

MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS)
DEPARTMENT OF ECONOMICS
(For those who joined in 2021-2022 and after)

Course Name	ENVIRONMENTAL ECONOMICS			
Course Code	21UECE62	**L**	**P**	**C**
Core	Elective - I	5	-	5
NATURE OF COURSE:	EMPLOYABILITY	SKILLORIENTED	ENTREPRENURSHIP	

COURSE OBJECTIVES: This course aims to create awareness on the importance of Environmental Economics

1. To understand the nature and scope of Environmental Economics
2. To realize the impact of Environmental Pollution.
3. To comprehend the environmental and social responsibility to Conserve Resources.
4. To assess the environmental policies in practice.
5. To sensitize environmental issues and challenges through media.

Unit: I	Basics of Environmental Economics	15 Hours

Economics and Environment: -Meaning - Scope and Significance of Environmental Economics – Ecology - Environment as public good -Externalities - Conservation of Natural Resources – Environment and Economic Development.

Unit: II	Environmental Pollution and Effects	15 Hours

Environmental Issues in Developed and Developing Economies -Environmental Pollution: Air, Water, Land, Nuclear - Causes - Consequences - Remedial Measures – Deforestation and Wild Life – Human Population and Environment.

Unit: III	Environmental Protection	15 Hours

Environmental cost of Economic Growth - Cost-Benefit Analysis - Social Cost Benefit Analysis - Sustainable Development - Role of NGO - CHIPKO Movement - Corporate Social Responsibility - Institutional Social Responsibility - Environmental Auditing.

Unit: IV	Policy Measures	15 Hours

Environmental policy: Approaches – Moral Suasion – Direct control – Role of official and Voluntary Agencies – National and State pollution control boards - Pollution Control and Effluent fees - India's Environmental Policies.

Unit: V	Environment and Media	15 Hours

Role of Media in Environmental Protection - Social Media and Environment - Knowledge Sharing in Environment and Media – Green Marketing.

		Total Lecture Hours	75 Hours

Books for Study:

1. S.P Misra & S.N Pandey, (2014), Essential Environemntal Studies, (3rd Edition), Ane's Student Edition, New Delhi.

2.   Sankaran,S. (2004), EnvironmentalEconomics,MarghamPublications,Chennai.

Books for References:

1.   Karpagam, M., (2001), Environmental Economics, Sterling Publications Private
    Limite, New Delhi.
2. Ganesamurthy,V.S., (2009), Environmental Economics in India, New Century
    Publications, New Delhi.
3. Eugine,T., (2004), Environmental Economics,Vrinda Publications(P)Ltd, Delhi.
4. Sankar, (2003), U,Environmental Economics,Oxford University Press, NewDelhi.

Web Resources:

https://www.msuniv.ac.in/Download/Pdf/84cb78a7213448a

EXPECTED COURSE OUTCOME	K Level
At the end of the course, students will be able to	
CO1: understand the scope of environmental economics	**Up to K2**
CO2: Realise the impact of Environmental Pollution.	**Up to K3**
CO3: Comprehend the environmental and social responsibility to Conserve Resources.	**Up to K3**
CO4: Asses the environmental policies in practice	**Up to K4**
CO5: Sensitize environmental issues and challenges through media	**Up to K4**

CO & PO Mappings:

CO/PO	PO 1	PO 2	PO 3	PO 4	PO 5	PO6
CO1	3	2	2	1	2	3
CO2	3	3	2	2	2	3
CO3	3	3	2	2	3	3
CO4	2	3	2	1	3	3
CO5	3	2	2	2	3	2

*3 – Advanced Application; **2 –** Intermediate Development; **1 -** Introductory Level

LESSON PLAN

UNIT	SUBJECT NAME Environmental Economics	Hrs	Mode
I	Economics and Environment: -Meaning - Scope and Significance of Environmental Economics – Ecology - Environment as public good - Externalities - Conservation of Natural Resources – Environment and Economic Development.	15	**Chalk &Talk, PPT**
II	Environmental Issues in Developed and Developing Economies - Environmental Pollution: Air, Water, Land, Nuclear - Causes - Consequences - Remedial Measures – Deforestation and Wild Life – Human Population and Environment.	15	**Chalk &Talk, PPT**
III	Environmental cost of Economic Growth - Cost-Benefit Analysis - Social Cost Benefit Analysis - Sustainable Development - Role of NGO - CHIPKO Movement - Corporate Social Responsibility - Institutional Social Responsibility - Environmental Auditing.	15	**Chalk &Talk, Assignment**
IV	Environmental policy: Approaches – Moral Suasion – Direct control – Role of official and Voluntary Agencies – National and State pollution control boards - Pollution Control and Effluent fees - India's Environmental Policies.	15	**Chalk &Talk, Assignment**
V	Role of Media in Environmental Protection - Social Media and Environment - Knowledge Sharing in Environment and Media – Green Marketing.	15	**Chalk &Talk, Seminar**

Course Designed by: **Dr.S.Palani,** Associate Professor and Head of Economics.

Dr.R.Alagesan, Assistant Professor of Economics.

Internal	Cos	K Level	Section A MCQs		Section B Short Answers		Section C Either or Choice	Section D Open Choice
			No. of. Questions	K - Level	No. of. Questions	K – Level		
CI AI	CO1	Up to K2	2	K1	1	K2	2 (K2,K2)	1 (K2)
	CO2	Up to K3	2	K2	2	K1	2 (K3,K3)	1 (K3)
CI AII	CO3	Up to K3	2	K1	1	K2	2 (K2,K2)	1 (K2)
	CO4	Up to K4	2	K2	2	K3	2 (K3,K3)	1 (K4)
Question Pattern CIA I & II	No. of Questions to be asked		4		3		4	2
	No. of Questions to be answered		4		3		2	1
	Marks for each question		1		2		5	10
	Total Marks for each section		4		6		10	10

Learning Outcome Based Education & Assessment (LOBE)
Formative Examination - Blue Print
Articulation Mapping – K Levels with Course Outcomes (COs)

	K Level	Section A (Multiple Choice Questions)	Section B (Short Answer Questions)	Section C (Either / Or Choice)	Section D (Open Choice)	Total Marks	% of (Marks without choice)	Consolidate of %
Distribution of Marks with K Level CIA I & CIA II								
CI A I	K1	2	4	-		6	12	60
	K2	2	2	10	10	24	48	
	K3	-	-	10	10	20	40	40
	K4	-	-	-		-	-	-
	Marks	4	6	20	20	50	-	100
CI A II	K1	2	-	-		2	4	52
	K2	2	2	10	10	24	48	
	K3	-	4	10		14	28	28
	K4	-	-	-	10	10	20	20
	Marks	4	6	20	20	50	100	100

K1- Remembering and recalling facts with specific answers

K2- Basic understanding of facts and stating main ideas with general answers

K3- Application oriented- Solving Problems

K4- Examining, analyzing, presentation and make inferences with evidences

CO5 will be allotted for individual Assignment which carries five marks as part of CIA component.

S.No	COs	K - Level	MCQs No. of Questions	MCQs K – Level	Short Answers No. of Question	Short Answers K – Level	Section C (Either / or Choice)	Section D (Open Choice)
1	CO1	Up to K2	2	K1&K2	1	K1	2(K2&K2)	1(K2)
2	CO2	Up to K3	2	K1&K2	1	K1	2(K3&K3)	1(K3)
3	CO3	Up to K3	2	K1&K2	1	K2	2(K3&K3)	1(K3)
4	CO4	Up to K4	2	K1&K2	1	K2	2(K3&K3)	1(K3)
5	CO5	Up to K4	2	K1&K2	1	K2	2(K3&K3)	1(K4)
No. of Questions to be Asked			10		5		10	5
No.of Questions to be answered			10		5		5	3
Marks for each question			1		2		5	10
Total Marks for each section			10		10		25	30

Summative Examination – Blue Print Articulation Mapping – K Level with Course Outcomes (COs)

(Figures in parenthesis denotes, questions should be asked with the given K level)

Distribution of Marks with K Level

K Level	Section A (Multiple Choice Questions)	Section B (Short Answer Questions)	Section C (Either/ or Choice)	Section D (Open Choice)	Total Marks	% of (Marks without choice)	Consolidated %
K1	5	4	10		19	15.83	41
K2	5	6	10	10	31	25.83	
K3			20	30	50	41.66	42
K4			10	10	20	16.66	17
Marks	10	10	50	50	120	100	100

NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels.

Summative Examinations - Question Paper – Pattern

Section A (Multiple Choice Questions)
Answer All Questions (10x1=10 marks)

Q.No	CO	K Level	Questions
1	CO1	K1	
2	CO1	K2	
3	CO2	K1	
4	CO2	K2	
5	CO3	K1	
6	CO3	K2	
7	CO4	K1	
8	CO4	K2	
9	CO5	K1	
10	CO5	K2	

Section B (Short Answers)
Answer All Questions (5x2=10 marks)

Q.No	CO	K Level	Questions
11	CO1	K1	
12	CO2	K1	
13	CO3	K2	
14	CO4	K2	
15	CO5	K2	

Section C (Either/Or Type)
Answer All Questions (5 x 5 = 25 marks)

Q.No	CO	K Level	Questions
16) a	CO1	K1	
16) b	CO1	K1	
17) a	CO2	K2	
17) b	CO2	K2	
18) a	CO3	K3	
18) b	CO3	K3	
19) a	CO4	K3	
19) b	CO4	K3	
20) a	CO5	K3	
20) b	CO5	K3	

NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels

Section D (Open Choice)
Answer Any Three questions (3x10=30 marks)

Q.No	CO	K Level	Questions
21	**CO1**	**K2**	
22	**CO2**	**K3**	
23	**CO3**	**K3**	
24	**CO4**	**K3**	
25	**CO5**	**K4**	

MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS)
DEPARTMENT OF ECONOMICS
(For those who joined in 2021-2022 and after)

Course Name	Introduction To Econometrics			
Course Code	21UECE63	L	P	C
Category	Elective-I	5	-	5
NATURE OF COURSE:	EMPLOYABILITY	SKILL ORIENTED	ENTREPRENURSHIP	

COURSE OBJECTIVES: This course aims to provide handful of knowledge on fundamentals of Econometrics

1. To help the students to comprehend the basic concepts of econometrics.
2. To equip the students with knowledge on BLUE properties.
3. To enable the students to compute the coefficients of Simple Regression Model.
4. To guide the students to grab knowledge on General Linear Model.
5. To help the students to assess the problems in framing Econometric Models.

Unit: I Introduction		
Definition and Scope of Econometrics – Relationship between econometrics, mathematical economics and statistics – Goals – Division - Methodology of Econometrics – Theoretical and Applied Econometrics - Limitations of Econometrics		**15 Hours**
Unit: II Simple Linear Regression Model(Part-I)		
Introduction – Stochastic and Non-Stochastic Relations – Random Variable: Meaning – Reasons for inclusion – Assumptions of Linear stochastic regression model – Least square estimation – BLUE properties.		**15 Hours**
Unit: III Simple Linear Regression Model(Part-II)		
Variance of the U_i – Sampling Distribution of LSE – Least Square and maximum likelihood methods – Standard-Error Test of β_0 and β_1 – 'Z' test – 't' test – confidence intervals for $\hat{\beta}_0$ and $\hat{\beta}_1$ Goodness of Fit R^2.		**15 Hours**
Unit: IV The General Linear Model		
Review of Assumptions, Estimation and Properties of Estimators: Un-biasness - Tests of significance of estimates – Coefficient of determination – Linear Regression to Non-Linear Relationships.		**15 Hours**
Unit: V Analysis of Variance		
ANOVA: Meaning – Comparison with Regression Analysis. Autocorrelation: Meaning –Causes. Heteroscadasticity: Meaning – Reasons. Multicollinearity: Meaning – Reasons.		**15 Hours**
	Total Lecture Hours	**75**

Books for Study:

1. Gujarathi, D.N: Basic Econometrics, Fourth Edition, Tata McGraw-Hill, New Delhi.

Books for References:

1. Johnston,J: Econometric Methods, McGraw-Hill Book Co., New York.
2. Maddala, G.S: Econometrics, McGraw-Hill Book Co., New York, 3rd Rd.
3. Tintner,G: Econometrics, John Wiley & Sons, New York.
4. Wooldridge, Jeffery M: Econometrics, Cengage Learning India Pvt. Ltd, New Delhi.

Web Resources:

1. http://web.mit.edu/14.02/www/S02/lectures/metrics.pdf

2. https://ddceutkal.ac.in/Syllabus/MA_Economics/Econometrics.pdf

3. https://doonuniversity.ac.in/admin/assets/uploads/docs/econometrics%20513.pdf

EXPECTED COURSE OUTCOME On successful completion of the course, the student will be able to	K Level
CO1: Comprehend the basic concepts of econometrics.	**Up to K3**
CO2: Acquire knowledge on BLUE properties.	**Up to K4**
CO3: Compute the coefficients of Simple Regression Model	**Up to K3**
CO4: Grab knowledge on General Linear Model	**Up to K4**
CO5: Assess the problems in framing Econometric Models	**Up to K3**

CO & PO Mappings:

COS	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6
CO 1	3	3	2	2	2	2
CO 2	2	3	1	1	2	3
CO 3	2	3	2	2	2	3
CO 4	2	3	1	3	3	2
CO5	3	2	2	2	2	2

*3 –Advanced Application; **2 –** Intermediate Development; **1 –**Introductory Level

LESSON PLAN

UNIT	SUBJECT NAME Introduction to Econometrics	Hrs	Mode
I	Definition and Scope of Econometrics – Relationship between econometrics, mathematical economics and statistics – Goals – Division - Methodology of Econometrics – Theoretical and Applied Econometrics - Limitations of Econometrics	8 7	**Chalk &Talk,ppt**
II	Introduction – Stochastic and Non-Stochastic Relations – Random Variable: Meaning – Reasons for inclusion – Assumptions of Linear stochastic regression model – Least square estimation – BLUE properties.	5 5 5	**Chalk &Talk**
III	Variance of the U_i – Sampling Distribution of LSE – Least Square and maximum likelihood methods – Standard-Error Test of β_0 and β_1 – 'Z' test – 't' test – confidence intervals for $\hat{\beta}_0$ and $\hat{\beta}_1$ Goodness of Fit R^2.	5 3 7	**Chalk &Talk Assignment**
IV	Review of Assumptions, Estimation and Properties of Estimators: Un-biasness - Tests of significance of estimates – Coefficient of determination – Linear Regression to Non-Linear Relationships.	6 9	**Chalk &Talk,ppt,**
V	ANOVA: Meaning – Comparison with Regression Analysis. Autocorrelation: Meaning –Causes. Heteroscadasticity: Meaning – Reasons. Multicollinearity: Meaning – Reasons.	5 4 6	**Chalk &Talk, Assignment**

Course Designed by: **Dr.S.Vigneswaran,** Assistant Professor of Economics.

Ms.M.Sivanya, Assistant Professor of Economics.

Learning Outcome Based Education & Assessment (LOBE) Formative Examination - Blue Print Articulation Mapping – K Levels with Course Outcomes (COs)								
Internal	**Cos**	**K Level**	**Section A** MCQs		**Section B** Short Answers		**Section C** Either or Choice	**Section D** Open Choice
			No. of Questions	**K - Level**	**No. of Questions**	**K – Level**		
CI AI	**CO1**	Up to K3	2	K1	1	K2	2 (K2,K2)	1 (K2)
	CO2	Up to K4	2	K2	2	K1	2 (K3,K3)	1 (K3)
CI AII	**CO3**	Up to K3	2	K1	1	K2	2 (K2,K2)	1 (K2)
	CO4	Up to K4	2	K2	2	K3	2 (K3,K3)	1 (K4)
Question Pattern CIA I & II	No. of Questions to be asked		**4**		**3**		**4**	**2**
	No. of Questions to be answered		**4**		**3**		**2**	**1**
	Marks for each question		**1**		**2**		**5**	**10**
	Total Marks for each section		**4**		**6**		**10**	**10**

Distribution of Marks with K Level CIA I & CIA II								
	K Level	**Section A (Multiple Choice Questions)**	**Section B (Short Answer Questions)**	**Section C (Either / Or Choice)**	**Section D (Open Choice)**	**Total Marks**	**% of (Marks without choice)**	**Consolidate of %**
CIA I	**K1**	2	4	-		6	12	60
	K2	2	2	10	10	24	48	
	K3	-	-	10	10	20	40	40
	K4	-	-	-		-	-	-
	Marks	4	6	20	20	50	-	100
CIA II	**K1**	2	-	-		2	4	52
	K2	2	2	10	10	24	48	
	K3	-	4	10		14	28	28
	K4	-	-	-	10	10	20	20
	Marks	4	6	20	20	50	100	100

K1- Remembering and recalling facts with specific answers

K2- Basic understanding of facts and stating main ideas with general answers

K3- Application oriented- Solving Problems

K4- Examining, analyzing, presentation and make inferences with evidences

CO5 will be allotted for individual Assignment which carries five marks as part of CIA component.

S.No	COs	K - Level	MCQs		Short Answers		Section C (Either / or Choice)	Section D (Open Choice)
			No. of Questions	K – Level	No. of Question	K – Level		
1	CO1	**Up to K3**	**2**	**K1&K2**	**1**	**K1**	**2(K1&K1)**	**1(K3)**
2	CO2	**Up to K4**	**2**	**K1&K2**	**1**	**K1**	**2(K2&K2)**	**1(K4)**
3	CO3	**Up to K3**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K3)**
4	CO4	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K4&K4)**	**1(K4)**
5	CO5	**Up to K3**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K3)**
No. of Questions to be Asked			**10**		**5**		**10**	**5**
No.of Questions to be answered			**10**		**5**		**5**	**3**
Marks for each question			**1**		**2**		**5**	**10**
Total Marks for each section			**10**		**10**		**25**	**30**

Table title: Summative Examination – Blue Print Articulation Mapping – K Level with Course Outcomes (COs)

(Figures in parenthesis denotes, questions should be asked with the given K level)

K Level	Section A (Multiple Choice Questions)	Section B (Short Answer Questions)	Section C (Either/ or Choice)	Section D (Open Choice)	Total Marks	% of (Marks without choice)	Consolidated %
K1	5	4	10		19	15.83	41
K2	5	6	10	10	31	25.83	
K3			20	30	50	41.66	42
K4			10	10	20	16.66	17
Marks	10	10	50	50	120	100	100

Table title: Distribution of Marks with K Level

NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels.

Summative Examinations - Question Paper – Pattern

Section A (Multiple Choice Questions)
Answer All Questions   **(10x1=10 marks)**

Q.No	CO	K Level	Questions
1	CO1	K1	
2	CO1	K2	
3	CO2	K1	
4	CO2	K2	
5	CO3	K1	
6	CO3	K2	
7	CO4	K1	
8	CO4	K2	
9	CO5	K1	
10	CO5	K2	

Section B (Short Answers)
Answer All Questions   **(5x2=10 marks)**

Q.No	CO	K Level	Questions
11	CO1	K1	
12	CO2	K1	
13	CO3	K2	
14	CO4	K2	
15	CO5	K2	

Section C (Either/Or Type)
Answer All Questions   **(5 x 5 = 25 marks)**

Q.No	CO	K Level	Questions
16) a	CO1	K1	
16) b	CO1	K1	
17) a	CO2	K2	
17) b	CO2	K2	
18) a	CO3	K3	
18) b	CO3	K3	
19) a	CO4	K4	
19) b	CO4	K4	
20) a	CO5	K3	
20) b	CO5	K3	

NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels

Section D (Open Choice)
Answer Any Three questions   **(3x10=30 marks)**

Q.No	CO	K Level	Questions
21	**CO1**	**K3**	
22	**CO2**	**K4**	
23	**CO3**	**K3**	
24	**CO4**	**K4**	
25	**CO5**	**K3**	

MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS)
DEPARTMENT OF ECONOMICS
(For those who joined in 2021-2022 and after)

Course Name	POPULATION STUDIES			
Course Code	21UECE64	L	P	C
Category	Elective-II	5	-	5
NATURE OF COURSE:	EMPLOYABILITY	SKILL ORIENTED	ENTREPRENURSHIP	

COURSE OBJECTIVES: To expose the students on Demographic Transition and Population Policies.

1. To explore the students to understand the scope of Population Studies.
2. To evaluate Theories of Population.
3. To focus the effect of High Birth Rate.
4. To analyse the factors affecting mortality rate in India.
5. To appraise the role of Government on PopulationControl.

Unit: I Basics of Population Studies	
Population Studies: Meaning – Nature - Scope and Significance of Population studies — Causes and Consequences of Over Population.	**13 Hours**
Unit: II Theories of Population	
Malthusiantheory of Population - Optimum Theory of Population - Thomas Doubleday's Diet Theory - Michael Thomas Sadler's Destiny Theory - Herber Spencer's biological Theory - Pearl and Reed's Logistic Curve Theory.	**17 Hours**
Unit: III Birth Rate	
Meaning - Birth rate - Fecundity – Rapidity of Women - Sterility – Types of Birth Rate – Advantages and Disadvantages of High Birth Rate. Fertility Concepts and Measures of Fertility - Factors affecting Fertility.	**15 Hours**
Unit: IV Death Rate	
Death Rate - Crude Death rate and Average life expectancy – Gender pattern of mortality and morbidity –Factors affecting Mortality rate – Measures to control death rate – Levels and trends in mortality in India.	**15 Hours**
Unit: V Population Policy in India	
Vital Statistics - Population Policy – Objectives – Recent policies and Programmes – Promotion and Control of Population – Role of WHO - UNIDO – OECD in promoting human and social capital.	**15 Hours**
Total Lecture Hours	75

Books for Study:

1. M.L.Jhingan, (2016), and others, Demography, Virinda Publications, Delhi.

Books for References:

1. RuddarDutt and Sundaram K.P.M, (2010), India Economy, S.Chand and Co.Ltd., New

Delhi.

2. Samuel Preston, et.al., (2000), Demography: Measuring and Modelling Population Processes, John Wiley and Sons Ltd.

3. Bose, A., (1996), India's Basic Demographic Statistics, B. R. Publishing Corporation, New Delhi.

4. Srivasta,O.S., (1984), Demography, Vikas Publishing House, New Delhi.

5. Agarwala, S. N., (1972), India's Population Problem, Tata McGraw Hill Co., Bombay.

Web Resources:

1. **https://u.demog.berkeley.edu/~jrw/Biblio/Eprints/%20P-S/ryder.1964_AJS_concept.population.pdf**

2. **https://mis.alagappauniversity.ac.in/siteAdmin/dde-admin/uploads/1/PG_M.A._Socialogy_M.A.%20(Sociology)%20-%20351%2013%20-%20Population%20Studies.pdf**

3. **https://population-europe.eu/files/documents/lesson_1_activity_3_small_group_work.pdf**

EXPECTED COURSE OUTCOME On successful completion of the course, the student will be able to	K Level
CO1: Explore the scope of Population Studies.	**Up to K2**
CO2: Understand the population theories	**Up to K4**
CO3: Focus the effect of High Birth Rate.	**Up to K3**
CO4: Analyse the factors affecting mortality rate in India	**Up to K4**
CO5: Remember the Government role on Control of Population	**Up to K3**

CO & PO Mappings:

COS	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6
CO 1	3	3	2	2	2	3
CO 2	2	2	1	3	2	2
CO 3	2	3	2	2	3	3
CO 4	3	2	1	3	2	2
CO 5	2	2	1	3	3	2

*3 – Advanced Application; **2 –** Intermediate Development; **1 -** Introductory Level

LESSON PLAN

UNIT	Population Studies	Hrs	Mode
I	Population Studies: Meaning – Nature - Scope and Significance of Population studies — Causes and Consequences of Over Population.	5 5 5	**Chalk and Talk, ppt**
II	Malthusian Theory of Population - Optimum Theory of Population - Thomas Doubleday's Diet Theory - Michael Thomas Sadler's Destiny Theory - Herber Spencer's biological Theory - Pearl and Reed's Logistic Curve Theory	5 5 5	**Chalk and Talk, ppt, Assignment**
III	Meaning - Birth rate - Fecundity – Rapidity of Women - Sterility – Types of Birth Rate – Advantages and Disadvantages of High Birth Rate.Fertility Concepts and Measures of Fertility - Factors affecting Fertility.	5 5 5	**Chalk and Talk, ppt**
IV	Death Rate - Crude Death rate and Average life expectancy – Gender pattern of mortality and morbidity –Factors affecting Mortality rate – Measures to control death rate – Levels and trends in mortality in India.	5 5 5	**Chalk and Talk, ppt**
V	Population Policy – Objectives – Recent Schemes – Programmes – Promotion and Control of Population – Role of WHO - UNESCO – UNIDO –OECD in promoting human and social capital.	5 4 6	**Chalk and Talk, ppt**

Course Designed by: **Dr.S.Palani,** Associate Professor and Head of Economics.

Dr.S.Vigneswaran, Assistant Professor of Economics.

Internal	Cos	K Level	Section A MCQs		Section B Short Answers		Section C Either or Choice	Section D Open Choice
			No. of. Questions	K - Level	No. of. Questions	K – Level		
Learning Outcome Based Education & Assessment (LOBE) Formative Examination - Blue Print Articulation Mapping – K Levels with Course Outcomes (COs)								
CI AI	CO1	Up to K2	2	K1	1	K2	2 (K2,K2)	1 (K2)
	CO2	Up to K4	2	K2	2	K1	2 (K3,K3)	1 (K3)
CI AII	CO3	Up to K3	2	K1	1	K2	2 (K2,K2)	1 (K2)
	CO4	Up to K4	2	K2	2	K3	2 (K3,K3)	1 (K4)
Question Pattern CIA I & II	No. of Questions to be asked		**4**		**3**		**4**	**2**
	No. of Questions to be answered		**4**		**3**		**2**	**1**
	Marks for each question		**1**		**2**		**5**	**10**
	Total Marks for each section		**4**		**6**		**10**	**10**

	K Level	Section A (Multiple Choice Questions)	Section B (Short Answer Questions)	Section C (Either / Or Choice)	Section D (Open Choice)	Total Marks	% of (Marks without choice)	Consolidate of %
Distribution of Marks with K Level CIA I & CIA II								
C I A I	K1	2	4	-		6	12	60
	K2	2	2	10	10	24	48	
	K3	-	-	10	10	20	40	40
	K4	-	-	-		-	-	-
	Marks	4	6	20	20	50	-	100
C I A II	K1	2	-	-		2	4	52
	K2	2	2	10	10	24	48	
	K3	-	4	10		14	28	28
	K4	-	-	-	10	10	20	20
	Marks	4	6	20	20	50	100	100

K1- Remembering and recalling facts with specific answers

K2- Basic understanding of facts and stating main ideas with general answers

K3- Application oriented- Solving Problems

K4- Examining, analyzing, presentation and make inferences with evidences

CO5 will be allotted for individual Assignment which carries five marks as part of CIA component.

			MCQs		Short Answers		Section C	Section D
S.No	**COs**	**K - Level**	**No. of Questions**	**K – Level**	**No. of Question**	**K – Level**	**(Either / or Choice)**	**(Open Choice)**
1	CO1	**Up to K2**	**2**	**K1&K2**	**1**	**K1**	**2(K1&K1)**	**1(K2)**
2	CO2	**Up to K4**	**2**	**K1&K2**	**1**	**K1**	**2(K2&K2)**	**1(K4)**
3	CO3	**Up to K3**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K3)**
4	CO4	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K3)**
5	CO5	**Up to K3**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K3)**
No. of Questions to be Asked			**10**		**5**		**10**	**5**
No.of Questions to be answered			**10**		**5**		**5**	**3**
Marks for each question			**1**		**2**		**5**	**10**
Total Marks for each section			**10**		**10**		**25**	**30**

Summative Examination – Blue Print Articulation Mapping – K Level with Course Outcomes (COs)

(Figures in parenthesis denotes, questions should be asked with the given K level)

K Level	**Section A (Multiple Choice Questions)**	**Section B (Short Answer Questions)**	**Section C (Either/ or Choice)**	**Section D (Open Choice)**	**Total Marks**	**% of (Marks without choice)**	**Consolidated %**
K1	5	4	10		19	15.83	41
K2	5	6	10	10	31	25.83	
K3			20	30	50	41.66	42
K4			10	10	20	16.66	17
Marks	10	10	50	50	120	100	100

Distribution of Marks with K Level

NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels.

Summative Examinations - Question Paper – Pattern

Section A (Multiple Choice Questions)
Answer All Questions (10x1=10 marks)

Q.No	CO	K Level	Questions
1	CO1	K1	
2	CO1	K2	
3	CO2	K1	
4	CO2	K2	
5	CO3	K1	
6	CO3	K2	
7	CO4	K1	
8	CO4	K2	
9	CO5	K1	
10	CO5	K2	

Section B (Short Answers)
Answer All Questions (5x2=10 marks)

Q.No	CO	K Level	Questions
11	CO1	K1	
12	CO2	K1	
13	CO3	K2	
14	CO4	K2	
15	CO5	K2	

Section C (Either/Or Type)
Answer All Questions (5 x 5 = 25 marks)

Q.No	CO	K Level	Questions
16) a	CO1	K1	
16) b	CO1	K1	
17) a	CO2	K4	
17) b	CO2	K4	
18) a	CO3	K3	
18) b	CO3	K3	
19) a	CO4	K3	
19) b	CO4	K3	
20) a	CO5	K3	
20) b	CO5	K3	

NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels

Section D (Open Choice)
Answer Any Three questions (3x10=30 marks)

Q.No	CO	K Level	Questions
21	**CO1**	**K2**	
22	**CO2**	**K4**	
23	**CO3**	**K3**	
24	**CO4**	**K3**	
25	**CO5**	**K3**	

MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS)
DEPARTMENT OF ECONOMICS
(For those who joined in 2021-2022 and after)

Course Name	DEVELOPMENT ECONOMICS			
Course Code	21UECE65	**L**	**P**	**C**
Category	Elective - II	5	-	5
Nature of course:	EMPLOYABILITY	SKILL ORIENTED	ENTREPRENEURSHIP	

COURSE OBJECTIVES: The Course would help the students to acquire knowledge on Development theories and Growth Models.

1. To understand the concepts of Economic Growth and Development.
2. To analyze different theories of Economic Development.
3. To acquire knowledge on theories of Economic Growth.
4. To explore the different ideas of Economic Models.
5. To explicate the measurement of Economic Growth.

Unit: I	Introduction	15 hrs

Economic Development – Concepts and Approaches – Characteristics of Under Developed Economy – Obstacles to Economic Development – Factors Influencing Economic Development and Growth – Characteristics of Modern Economic Growth.

Unit: II	Theories of Economic Development – I	15 hrs

Adam smith - J.S.Mill - Karl Marx – Schumpeter – Keynes – Rostow - Nurkse.

Unit: III	Theories of Economic Development – II	15 hrs

Lewis – Fei - Ranis – Leibenstein – Rosenstein – Rodan's Doctrine of Balanced Growth – Concept of Unbalanced Growth – Dualistic Theory – Myrdal's Theory.

Unit: IV	Growth Models	15 hrs

Harrod - Domar – Kaldor –Joan Robinson – Meades – Solow – Models of Technical Change – Steady-State growth – Mahalanobis Model.

Unit: V	Measures for Economic Development	15 hrs

Domestic Measures: Capital formation – Human Capital Formation – Role of State - International Measures: Foreign Trade, Foreign Capital and MNCs.

		Total Lecture Hours	75

Books for Study:

1. Aparajitha Mukherjee, Development Economics, PHI Learning Publishers, New Delhi.

2. Harriss-White, Barabara, India's Socially Regulated Economy, Critical Quest, New Delhi, 2007.

Books for References:

1. Michael P. Todaro and Stephen C. Smith, (2017), Economic Development, Pearson Education.

2. H.L.Ahuja, (2016), Development Economics, S.Chand Publishing.

3. Jhingan M.L, (2014), Economics of Growth and Development, Himalaya Publishing House, New Delhi.

4. Meier, G.M. (2000), Leading Issues in Economic Development, Oxford University Press, New York.

5. Solow, R.M. (2000), Growth Theory : An Exposition, Oxford University Press.

Web Resources:
1. **https://rgu.ac.in/wp-content/uploads/2021/02/Download_577.pdf**

2. **https://ebookbou.edu.bd/Books/Text/SOB/MBA/mba_4334/Unit-01.pdf**

COURSE OUTCOME	K Level
On successful completion of the course, the student will be able to	
CO1: Understand the concepts of Economic Growth and Development.	**Up to K3**
CO2: Analyze different theories of Economic Development.	**Up to K4**
CO3: Acquire knowledge on theories of Economic Growth.	**Up to K4**
CO4: Explore the different ideas of Economic Models.	**Up to K4**
CO5: Explicate the measurement of Economic Growth.	**Up to K4**

CO & PO Mappings:

CO/PO	PO 1	PO 2	PO 3	PO 4	PO 5	PO6
CO1	3	1	1	2	3	2
CO2	2	2	2	3	2	3
CO3	3	3	2	3	2	3
CO4	3	3	2	3	2	3
CO5	3	2	2	3	2	3

*3 – Advanced Application; **2 –** Intermediate Development; **1 -** Introductory Level

LESSON PLAN

UNIT	Development Economics	Hrs	Mode
I	Economic Development – Concepts and Approaches – Characteristics of Under Developed Economy – Obstacles to Economic Development – Factors Influencing Economic Development and Growth – Characteristics of Modern Economic Growth.	5 10	**Chalk and Talk, PPT Video Lectures**
II	Adam smith - J.S.Mill - Karl Marx – Schumpeter – Keynes – Rostow- Nurkse.	5 10	**Chalk and Talk, PPT Seminar**
III	Lewis – Fei - Ranis – Leibenstein – Rosenstein – Rodan's Doctrine of Balanced Growth – Concept of Unbalanced Growth – Dualistic Theory – Myrdal's Theory.	8 7	**Chalk and Talk, PPT Assignment**
IV	Harrod - Domar – Kaldor –Joan Robinson – Meades – Solow – Models of Technical Change – Steady-State growth – Mahalanobis Model.	7 8	**Chalk and Talk, PPT**
V	Domestic Measures: Capital formation – Human Capital Formation – Role of State - International Measures: Foreign Trade, Foreign Capital and MNCs.	5 10	**Chalk and Talk, PPT**

Course Designed by Dr. S.Vishnu Suba, Assistant Professor of Economics.

Dr.S.Vigneswaran, Assistant Professor of Economics

'

Internal	Cos	K Level	Section A MCQs No. of. Questions	Section A MCQs K - Level	Section B Short Answers No. of. Questions	Section B Short Answers K – Level	Section C Either or Choice	Section D Open Choice
Learning Outcome Based Education & Assessment (LOBE) Formative Examination - Blue Print Articulation Mapping – K Levels with Course Outcomes (COs)								
CI A I	CO1	Up to K3	2	K1	1	K2	2 (K2,K2)	1 (K2)
	CO2	Up to K4	2	K2	2	K1	2 (K3,K3)	1 (K3)
CI A II	CO3	Up to K4	2	K1	1	K2	2 (K2,K2)	1(K2)
	CO4	Up to K4	2	K2	2	K3	2 (K3,K3)	1 (K4)
Question Pattern CIA I & II	No. of Questions to be asked		4		3		4	2
	No. of Questions to be answered		4		3		2	1
	Marks for each question		1		2		5	10
	Total Marks for each section		4		6		10	10

	K Level	Section A (Multiple Choice Questions)	Section B (Short Answer Questions)	Section C (Either / Or Choice)	Section D (Open Choice)	Total Marks	% of (Marks without choice)	Consolidate of %
Distribution of Marks with K Level CIA I & CIA II								
CI A I	K1	2	4	-		6	12	60
	K2	2	2	10	10	24	48	
	K3	-	-	10	10	20	40	40
	K4	-	-	-		-	-	-
	Marks	4	6	20	20	50	-	100
CI A II	K1	2	-	-		2	4	52
	K2	2	2	10	10	24	48	
	K3	-	4	10		14	28	28
	K4	-	-	-	10	10	20	20
	Marks	4	6	20	20	50	100	100

K1- Remembering and recalling facts with specific answers

K2- Basic understanding of facts and stating main ideas with general answers

K3- Application oriented- Solving Problems

K4- Examining, analyzing, presentation and make inferences with evidences

CO5 will be allotted for individual Assignment which carries five marks as part of CIA component.

Summative Examination – Blue Print Articulation Mapping – K Level with Course Outcomes (COs)								
S.No	**COs**	**K - Level**	**MCQs**		**Short Answers**		**Section C (Either / or Choice)**	**Section D (Open Choice)**
			No. of Questions	**K – Level**	**No. of Question**	**K – Level**		
1	CO1	**Up to K3**	**2**	**K1&K2**	**1**	**K1**	**2(K1&K1)**	**1(K2)**
2	CO2	**Up to K4**	**2**	**K1&K2**	**1**	**K1**	**2(K2&K2)**	**1(K3)**
3	CO3	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K3)**
4	CO4	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K3)**
5	CO5	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K4&K4)**	**1(K4)**
No. of Questions to be Asked			**10**		**5**		**10**	**5**
No.of Questions to be answered			**10**		**5**		**5**	**3**
Marks for each question			**1**		**2**		**5**	**10**
Total Marks for each section			**10**		**10**		**25**	**30**
(Figures in parenthesis denotes, questions should be asked with the given K level)								

Distribution of Marks with K Level							
K Level	**Section A (Multiple Choice Questions)**	**Section B (Short Answer Questions)**	**Section C (Either/ or Choice)**	**Section D (Open Choice)**	**Total Marks**	**% of (Marks without choice)**	**Consolidated %**
K1	5	4	10		19	15.83	41
K2	5	6	10	10	31	25.83	
K3			20	30	50	41.66	42
K4			10	10	20	16.66	17
Marks	10	10	50	50	120	100	100
NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels.							

Summative Examinations - Question Paper – Pattern

Section A (Multiple Choice Questions)
Answer All Questions (10x1=10 marks)

Q.No	CO	K Level	Questions
1	CO1	K1	
2	CO1	K2	
3	CO2	K1	
4	CO2	K2	
5	CO3	K1	
6	CO3	K2	
7	CO4	K1	
8	CO4	K2	
9	CO5	K1	
10	CO5	K2	

Section B (Short Answers)
Answer All Questions (5x2=10 marks)

Q.No	CO	K Level	Questions
11	CO1	K1	
12	CO2	K1	
13	CO3	K2	
14	CO4	K2	
15	CO5	K2	

Section C (Either/Or Type)
Answer All Questions (5 x 5 = 25 marks)

Q.No	CO	K Level	Questions
16) a	CO1	K2	
16) b	CO1	K2	
17) a	CO2	K2	
17) b	CO2	K2	
18) a	CO3	K3	
18) b	CO3	K3	
19) a	CO4	K3	
19) b	CO4	K3	
20) a	CO5	K4	
20) b	CO5	K4	

NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels

Section D (Open Choice)
Answer Any Three questions (3x10=30 marks)

Q.No	CO	K Level	Questions
21	**CO1**	**K2**	
22	**CO2**	**K3**	
23	**CO3**	**K3**	
24	**CO4**	**K3**	
25	**CO5**	**K4**	

MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS)
DEPARTMENT OF ECONOMICS
(For those who joined in 2021-2022 and after)

Course Name	INDUSTRIAL ECONOMICS			
Course Code	21UECE66	L	P	C
Category	Elective-II	5	-	5
NATURE OF COURSE:	EMPLOYABILITY	SKILL ORIENTED		ENTREPRENURSHIP

COURSE OBJECTIVES: The course is designed to focus on different strategic approaches to Industrial Economics

1. To help the students to differentiate the public and private enterprises.

2. To make the students to understand the different industrial growth strategies.

3. To equip the students to analyse the reason behind the industrial locationalization.

4. To develop the knowledge on the need for industrial efficiency.

5. To familiarize the students to assess the labour efficiency in industrial sector.

Unit: I	Introduction	15 Hours

Industrial Economics: Meaning - Internal analysis and External analysis Information Symmetry and Asymmetry - Competitive or Co-operative Strategy - Role of Private sector in relation to Public enterprises -Blue Ocean Strategy- Red Ocean Strategy.

Unit: II	Growth Strategies	16 Hours

Rationale of Industrial Strategies - Horizontal integration and vertical integration - agriculture and industry linkage - Diversification and expansion strategies -Merger and Acquisition - Industrial combinations - Small- and large-scale industrialization.

Unit: III	Locational Strategy	14 Hours

Determinants of Industrial Location - Theories of Industrial Location - Weber's and Sargent Florence Theories - Approaches to Industrial Location - Industrial Locational Trends in India - Need for Balanced Regional Development in India.

Unit: IV	Industrial Efficiency Strategy	15 Hours

Rationalization - Industrial Productivity - Partial Factor Productivity and Total Factor Productivity - Low Cost Strategy and Differentiation Strategy.

Unit: V	Labour Efficiency Strategies	15 Hours

Labour Efficiency Strategies: Transactional vs Transformational leadership to motivate labour - Downsizing and rightsizing -Product Promotion and Innovation -Turnaround Strategy - SWOC - Global Corporate Strategy.

		Total Lecture Hours	75 Hours

Books for Study:

1. BharatwalR.R.,, (2021), IndustrialEconomics:AnIntroductoryTextbook,NewAgeInternational(P) Limited, New Delhi.

2. Kiran Jotwani, (2016), Industrial Economics, Nirali Prakashan Educational Publishers.

Books for References:

1. Rajana Seth, (2010), Industrial Economics, Ane's Books Pvt. Ltd., New Delhi

2. Desai, B. (1999), Industrial Economy in India (3rd Edition), Himalaya Publishing House, Mumbai.

3. Kuchhal,S.C., (1995), IndustrialEconomyofIndia,Chaitanya,Allahabad.

4. Cherunilam, F. (1992), Industrial Economics: Indian Perceptive, (3rd Edition), Himalaya publishing houses, Mumbai.

Web Resources:

1. **https://mis.alagappauniversity.ac.in/siteAdmin/dde-admin/uploads/1/PG_M.A._Economics%20(English)_362%2014_Industrial%20Economics_MA_Economics.pdf**

2. **https://www.acecollege.in/CITS_Upload/Downloads/Books/1081_File.pdf**

EXPECTED COURSE OUTCOME	K Level
At the end of the course, students will be able to	
CO1: Differentiate the public and private enterprises	**Up to K2**
CO2: Understand the different industrial growth strategies	**Up to K3**
CO3: Analyse the reason behind the industrial locationalization	**Up to K3**
CO4: Remember the need for industrial efficiency	**Up to K3**
CO5: Apprise the labour efficiency in industrial sector	**Up to K4**

CO & PO Mappings:

CO/PO	PO 1	PO 2	PO 3	PO 4	PO 5	PO6
CO1	3	2	1	2	2	2
CO2	3	2	2	3	3	2
CO3	3	3	2	2	2	3
CO4	2	3	2	2	3	3
CO5	3	2	1	2	2	2

*3 – Advanced Application; **2 –** Intermediate Development; **1 -** Introductory Level

LESSON PLAN

UNIT	SUBJECT NAME Industrial Economics	Hrs	Mode
I	Industrial Economics: Meaning - Internal analysis and External analysis Information Symmetry and Asymmetry - Competitive or Co-operative Strategy - Role of Private sector in relation to Public enterprises -Blue Ocean Strategy- Red Ocean Strategy.	5 5 5	**Chalk & Talk, ppt**
II	Rationale of Industrial Strategies - Horizontal integration and vertical integration - agriculture and industry linkage - Diversification and expansion strategies -Merger and Acquisition - industrial combinations -small- and large-scale industrialization.	6 5 5	**Chalk & Talk, ppt Industrial Visit**
III	Determinants of Industrial Location - Theories of Industrial Location - Weber's and Sargent Florence Theories - Approaches to Industrial Location - Industrial Locational Trends in India - Need for Balanced Regional Development in India.	5 5 4	**Chalk & Talk, ppt Assignment**
IV	Rationalization - Industrial Productivity - Partial Factor Productivity and Total Factor Productivity - Low Cost Strategy and Differentiation Strategy.	5 5 5	**Chalk & Talk, ppt Seminar**
V	Labour Efficiency Strategies: Transactional vs Transformational leadership to motivate labour - Downsizing and rightsizing -Product Promotion and Innovation -Turnaround Strategy - SWOC - Global Corporate Strategy.	7 8	**Chalk & Talk, ppt Assignment**

Course Designed by: **Dr.S.Palani,** Associate Professor and Head of Economics.

Dr.S.Vishnu Suba, Assistant Professor of Economics.

Internal	Cos	K Level	Section A MCQs		Section B Short Answers		Section C Either or Choice	Section D Open Choice
			No. of. Questions	K - Level	No. of. Questions	K – Level		
CI AI	**CO1**	Up to K2	2	K1	1	K2	2 (K2,K2)	1 (K2)
	CO2	Up to K3	2	K2	2	K1	2 (K3,K3)	1 (K3)
CI AII	**CO3**	Up to K3	2	K1	1	K2	2 (K2,K2)	1 (K2)
	CO4	Up to K4	2	K2	2	K3	2 (K3,K3)	1 (K4)
Question Pattern CIA I &II	No. of Questions to be asked		4		3		4	2
	No. of Questions to be answered		4		3		2	1
	Marks for each question		1		2		5	10
	Total Marks for each section		4		6		10	10

Title row: **Learning Outcome Based Education & Assessment (LOBE) Formative Examination - Blue Print Articulation Mapping – K Levels with Course Outcomes (COs)**

	K Level	Section A (Multiple Choice Questions)	Section B (Short Answer Questions)	Section C (Either / Or Choice)	Section D (Open Choice)	Total Marks	% of (Marks without choice)	Consolidate of %
CIA I	**K1**	2	4	-		6	12	60
	K2	2	2	10	10	24	48	
	K3	-	-	10	10	20	40	40
	K4	-	-	-		-	-	-
	Marks	4	6	20	20	50	-	100
CIA II	**K1**	2	-	-		2	4	52
	K2	2	2	10	10	24	48	
	K3	-	4	10		14	28	28
	K4	-	-	-	10	10	20	20
	Marks	4	6	20	20	50	100	100

Table title: **Distribution of Marks with K Level CIA I & CIA II**

K1- Remembering and recalling facts with specific answers

K2- Basic understanding of facts and stating main ideas with general answers

K3- Application oriented- Solving Problems

K4- Examining, analyzing, presentation and make inferences with evidences

CO5 will be allotted for individual Assignment which carries five marks as part of CIA component.

Summative Examination – Blue Print Articulation Mapping – K Level with Course Outcomes (COs)							
S.No	COs	K - Level	MCQs		Short Answers		Section C (Either / or Choice)	Section D (Open Choice)
			No. of Questions	K – Level	No. of Question	K – Level		
1	CO1	**Up to K2**	**2**	**K1&K2**	**1**	**K1**	**2(K1&K1)**	**1(K2)**
2	CO2	**Up to K3**	**2**	**K1&K2**	**1**	**K1**	**2(K2&K2)**	**1(K3)**
3	CO3	**Up to K3**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K3)**
4	CO4	**Up to K3**	**2**	**K1&K2**	**1**	**K2**	**2(K3&K3)**	**1(K3)**
5	CO5	**Up to K4**	**2**	**K1&K2**	**1**	**K2**	**2(K4&K4)**	**1(K4)**
No. of Questions to be Asked			**10**		**5**		**10**	**5**
No.of Questions to be answered			**10**		**5**		**5**	**3**
Marks for each question			**1**		**2**		**5**	**10**
Total Marks for each section			**10**		**10**		**25**	**30**
(Figures in parenthesis denotes, questions should be asked with the given K level)							

Distribution of Marks with K Level							
K Level	Section A (Multiple Choice Questions)	Section B (Short Answer Questions)	Section C (Either/ or Choice)	Section D (Open Choice)	Total Marks	% of (Marks without choice)	Consolidated %
K1	5	4	10		19	15.83	41
K2	5	6	10	10	31	25.83	
K3			20	30	50	41.66	42
K4			10	10	20	16.66	17
Marks	10	10	50	50	120	100	100
NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels.							

Summative Examinations - Question Paper – Pattern

Section A (Multiple Choice Questions)
Answer All Questions (10x1=10 marks)

Q.No	CO	K Level	Questions
1	CO1	K1	
2	CO1	K2	
3	CO2	K1	
4	CO2	K2	
5	CO3	K1	
6	CO3	K2	
7	CO4	K1	
8	CO4	K2	
9	CO5	K1	
10	CO5	K2	

Section B (Short Answers)
Answer All Questions (5x2=10 marks)

Q.No	CO	K Level	Questions
11	CO1	K1	
12	CO2	K1	
13	CO3	K2	
14	CO4	K2	
15	CO5	K2	

Section C (Either/Or Type)
Answer All Questions (5 x 5 = 25 marks)

Q.No	CO	K Level	Questions
16) a	CO1	K1	
16) b	CO1	K1	
17) a	CO2	K2	
17) b	CO2	K2	
18) a	CO3	K3	
18) b	CO3	K3	
19) a	CO4	K3	
19) b	CO4	K3	
20) a	CO5	K4	
20) b	CO5	K4	

NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels

Section D (Open Choice)
Answer Any Three questions (3x10=30 marks)

Q.No	CO	K Level	Questions
21	**CO1**	**K2**	
22	**CO2**	**K3**	
23	**CO3**	**K3**	
24	**CO4**	**K3**	
25	**CO5**	**K4**	

MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS)
DEPARTMENT OF ECONOMICS
(For those who joined in 2021-2022 and after)

Course Name	**LIVESTOCK ECONOMICS**			
Course Code	**21UECS61**	**L**	**P**	**C**
Category	**Skill**	**2**	**-**	**2**

NATURE OF COURSE:	EMPLOYABILITY	SKILLORIENTED	**ENTREPRENURSHIP**

COURSE OBJECTIVES: This course enhance allied income to graduates through Livestock Economics.

1. To understand different breeds of livestock.
2. To estimate the demand of livestock produce.
3. To understand marketing strategies for livestock.
4. To analyze risk strategies and marketing channels.
5. To realise the foreign market opportunities for domestic livestock product.

Unit: I	**Breeding of Livestock**	**6 Hours**

Meaning – Definition - Breeds of Indian and Exotic – Cow, Goat, Sheep, Pig and scope (production, consumption, exchange and distribution) of economic principles as applied to livestock - Livestock produce and products. Livestock contributions to national economy.

Unit: II	**Demand Projections of Livestock Produce**	**6 Hours**

Demand projections of livestock produce - Economics of animal disease and disease losses. Livestock business- concepts, nature and scope. Components, characteristic of small business. Marketable livestock commodities.

Unit: III	**Marketing of Livestock**	**6 Hours**

Marketing of livestock, and perishable and non-perishable livestock products. Merchandising - product planning and development - Marketing functions; exchange functions- buying, selling and demand creation. Physical functions- grading, transportation, storage and warehousing.

Unit: IV	**Facilitative Functions**	**6 Hours**

Facilitative functions - standardization, risk bearing, market information and market intelligence. Market opportunities - marketing channels of livestock and livestock products, organized/unorganized markets and cattle fairs.

Unit: V	**Import and Export Animal and Animal products**	**6 Hours**

Import and Export of animal and animal products: Need and Growth - International Agreements/Regulations (WTO) for marketing/trade of live animals and products- Sanitary

Phyto-Sanitary Measures.

		Total Lecture Hours	30 Hours

Books for Study:

1. Dwaipayan Bardhan, (2018), Livestock Economics Marketing and Business Management, Sathish Serial Publishing House.

Books for References:

1. K.S Gangadher, (2009), Livestock Economics, New India Publishing.

2. Bansil P.C, (2016), Livestock Economy of India, CBS Publishes.

3. Deepak upadhyay, (2020), Livestock Production Management, Jain Brother 1st Edition.

Course Outcomes		K Level
CO1:	Understand different breeds of livestock.	**Up to K2**
CO2:	Estimate the demand of livestock produce.	**Up to K2**
CO3:	Understand marketing strategies for livestock.	**Up to K2**
CO4:	Analyze risk strategies and marketing channels.	**Up to K2**
CO5:	Realise the foreign market opportunities for domestic livestock product.	**Up to K2**

CO & PO Mapping:

COS	PO 1	PO 2	PO 3	PO 4	PO 5	Po6
CO 1	3	3	1	2	3	2
CO 2	3	3	2	1	2	2
CO 3	3	3	2	2	3	2
CO 4	3	2	1	3	2	2
CO 5	3	2	2	2	3	2

*3 – Advanced Application; **2 –** Intermediate Development; **1 -** Introductory Level

LESSON PLAN

UNIT	SUBJECT NAME Livestock Economics	Hrs	Mode
I	Meaning – Definition - Breeds of Indian and Exotic – Cow, Goat, Sheep, Pig and scope (production, consumption, exchange and distribution) of economic principles as applied to livestock - Livestock produce and products. Livestock contributions to national economy.	6	**Chalk &Talk, ppt**
II	Demand projections of livestock produce - Economics of animal disease and disease losses. Livestock business- concepts, nature and scope. Components, characteristic of small business. Marketable livestock commodities.	6	**Chalk &Talk, ppt**
III	Marketing of livestock, and perishable and non-perishable livestock products. Merchandising - product planning and development - Marketing functions; exchange functions- buying, selling and demand creation. Physical functions- grading, transportation, storage and warehousing.	6	**Chalk &Talk, ppt Assignment**
IV	Facilitative functions - standardization, risk bearing, market information and market intelligence. Market opportunities - marketing channels of livestock and livestock products, organized/unorganized markets and cattle fairs.	6	**Chalk &Talk, ppt Assignment**
V	Import and Export of animal and animal products: Need and Growth - International Agreements/Regulations (WTO and General Agreement on Trade and Tariff-GATT) for marketing/trade of live animals and products- SPS Measures.	6	**Chalk &Talk, ppt Seminar**

Course Designed by: **Dr.S.Palani,** Associate Professor and Head of Economics.

Ms.M.Sivanya, Assistant Professor of Economics.