# **B.A., ECONOMICS**



## **Program Code: UEC**

## 2021-2022 onwards



## MANNAR THIRUMALAI NAICKER COLLEGE

(AUTONOMOUS) Re-accredited with "A" Grade by NAAC PASUMALAI, MADURAI – 625 004

#### **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

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:

- 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 \_\_\_\_\_ 30 Marks

\_\_\_\_\_

Total

#### 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

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#### Pattern of the question paper for the Summative Examinations: **Note: Duration- 3 hours** Part –A 10 x01 = 10 Marks Ten multiple choice questions 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 = 25 Marks Five Paragraph questions ('either .... or 'type) 5 x 05 (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 ( $45 \times 1=45$  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 MarksSummative 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.

#### Vision

To educate the students of economics to become professionally successful and socially responsible citizens

#### 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,	Knowledge		
	and specialized engineering knowledge appropriate to the program.	Dase		
_	Problem analysis: An ability to use appropriate knowledge and skills to identify, formulate, analyze, and solve complex engineering problems in	Problem		
2	2 order to reach substantiated conclusions			
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.	Communicati ons 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
1202.	Advisors.
PEO3:	Demonstrate lifelong learning in the field of economics by doing higher studies and
1200.	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
1200	learning

PO NO	PROGRAMME OUTCOMES (POs)	
At the end	l 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
<b>PO</b> – 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

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PROGI	RAM 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**



## MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS), MADURAI ECONOMICS CURRICULUM

Course	Title of the Course	Hrs	Credi	Maximum Mark		Aarks
Code			ts	Int	Ext	Total
	FIRST SEMESTE	ER				
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 SEMEST	TER				
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	Part III Allied Course					
21UCOA21	Business Accounting-II	5	4	25	75	100
Part IV	V 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

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

THIRD SEMESTER						
Part – I Tamil / Alternative Course						
21UTAG31	காப்பிய இலக்கியமும்	6	3	25	75	100
	உரைநடையும்					
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	I	1			
21UECS31	Basics of Share Market	2	2	25	75	100
Part IV	Non Major Elective Course		1	1		
21UECN31	Fundamentals of Economics	2	2	25	75	100
	Total 30 23 175 525 700					
	FOURTH SEMEST	<b>FER</b>				
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	2	2	25	75	100
	Examinations					
Part IV	Non Major Elective Course					
21UECN41	Budgetary Analysis2225751					100
Part V	Extension Activities					
21UEAG40						
-	NSS, NCC, YRC - 1 40			40	60	100
21UEAG44						
	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 SEMESTI	ER				
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	5	5	25	75	100
	Development					
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





## 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	Р	С
Category	Core			5	-	5
Nature of cours	e: EMPLOYABILITY	SKILL ORIENTED	✓ ENTREPRE	ENEU	RSH	IP
Course Objecti	ves:					
1. To introduce	e definition and basic con	ncepts of economics.				
2. To make far	niliar the students about	demand and supply concepts.				
3. To enable the	e students to understand	inel ordinal approaches	emand.			
4. To teach the	nowledge about consum	nai, orunnai approaches. Der behavior in utility approac	h			
Unit· I DE	FINITIONS AND BAS	IC CONCEPTS OF ECON	OMICS		15	
Wealth – Welfa	re – Scarcity – Growth	Definitions – Scope– Posit	ive and Normat	ive S	cienc	e –
Deductive and I	nductive Methods – Sta	tic and dynamic concepts – I	Difference betwe	een M	licro	and
Macro Economi	cs – Basic concepts: Go	oods – Utility – Wants- Inco	me - Price - N	Iarket	- Va	alue
(Meaning only).						
Unit: II CA	RDINAL UTILITY AN	NALYSIS			15	;
Cardinal Utility	y: Meaning - Law of	Diminishing Marginal Utilit	y – Causes for	r Din	ninish	ning
Marginal Utility	– Law of Equi-Margina	l Utility – Consumer's Surplu	15.			U
Unit: III OR	DINAL UTILITY ANA	ALYSIS			15	,
Ordinal Utility	Meaning - Indifference	ce Curve - Properties -Marg	ginal Rate of S	ubstit	ution	IS –
Consumer Equil	ibrium – Types of Good	ds (Superior, Inferior and Gif	fen Goods only)	) – Th	e Git	ffen
Paradox – Price,	Income and Substitution	n Effects.				
Unit: IV DE	MAND AND SUPPLY	THEORY			15	
Demand: Mean	ing – Demand Schedule	e – Demand Curve – Types o	of Demand – De	eterm	inant	s of
Demand – Law	of Demand – Causes of	f Downward Sloping Deman	d Curve — Exc	eptio	ns to	the
Law of Demand	– Supply: Meaning – I	Determinants of Supply – Lav	w of Supply —	Exce	ption	s to
the Law of Supp	oly.	ND			1.5	
Unit: V ELA	ASTICITY OF DEMA				15	1
Meaning – Defi	nition- Types – Degrees	of Price Elasticity of Demand	d – Factors Dete	ermini	ng	
Demand	nand – Methods of Meas	suring Elasticity of Demand –	Uses of Elastic	ity of		
Total Lecture Hours 75 Hrs						
Books for Stud	y:			•		
1. M.L Seth,	Micro Economics, L	akshmi Narain Agarwal I	Education Publ	ishers	s, A	gra,
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: The	eory and Applications, Oxfo	ord University I	Press,	Oxfo	ord,
Fifth Edition,	2008.					
2. A. Koutsoyia	nnis, Modern Micro Eco	nomics, Macmillan, 2015.				

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

## CO & PO Mapping:

COS	<b>PO 1</b>	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
<b>CO 4</b>	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	<b>DEFINITIONS AND BASIC CONCEPTS OF ECONOMICS</b> 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
п	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	<b>DEMAND AND SUPPLY THEORY</b> 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	<b>ELASTICITY OF DEMAND</b> 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)								
			Section	Section A		n B	Section C	Section D	
Inte	Cos	K Level	MCQ	<u>Į</u> s	Short Ans	swers	Either or Choice	Open	
rnal	005		No. of. Questions	K - Level	No. of. Questions	K - Level		Choice	
CI	<b>CO1</b>	Up to K2	2	K1,K2	1	K1	2	1	
AI	CO2	Up to K2	2	K1,K2	2	K2	2	1	
CI	CO4	Up to K4	2	K1,K2	1	K1	2	1	
AII	CO5	Up to K4	2	K1,K2	2	K2	2	1	
		No. of Questions to be asked	4		3		4	2	
Question Pattern CIA I & II		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	

		D	istribution of	f Marks with	K Level CI	A I & CI	A 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 %
	K1	2	2	-	-	4	8	60
	K2	2	4	10	10	26	52	00
СТА	K3	-	-	10	10	20	40	40
	K4	-	-	-	-			
1	Marks	4	6	20	20	50	100	100
	K1	2	2			4	8	40
	K2	2	4	10		16	32	40
CIA	K3			10	10	20	40	40
II	K4				10	10	20	20
	Marks	4	6	20	20	50	100	100

 ${\bf K1}\text{-}$  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)								
			MCO	Qs	Short Ar	iswers	Section C	C. Har D	
S.No	COs	K - Level	No. of Questions	K – Level	No. of Questio n	K – Level	(Either / or Choice)	(Open Choice)	
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 Quest. Aske	ions to be ed	10		5		10	5	
No.of Questions to be answered			10		5		5	3	
Marks for each question		1		2		5	10		
Total I	Marks for	each section	10		10		25	30	
	(Figures	in parenthes	is denotes, a	uestions sl	ould be as	ked 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: Hig	NB: Higher level of performance of the students is to be assessed by attempting higher level									

Section	Section A (Multiple Choice Questions)						
Answei	r All Q	uestions	(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 (Sho	ort Answer	rs)				
Answei	r All Q	uestions	(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 (Eit	her/Or Ty	pe)				
Answei	r All Q	uestions	(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: Hi	gher le	vel of perf	ormance of the students is to be assessed by attempting higher				
level of	K leve	ls					
Section	D (Op	en Choice					
Answe	r Any	Inree ques	suons (3x10=30 marks)				
<b>Q.No</b>		K Level	Questions				
21		K2 1/2					
22	C02	KJ V2					
25	003	K.5 17.4					
24	<u>CO4</u>	K4					
23	005	K4					

## **Summative Examinations - Question Paper – Format**



## 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	Р	С				
Category	Core	4	-	4				
Nature of cours	e: EMPLOYABILITY SKILL ORIENTED 🗸 ENTREPRE	NEUR	SHIP	I				
Course Objecti	ves:							
1. To make the students to understand the scope of statistics.								
2. To make far	niliar with classification and tabulation of data.							
3. To enable the	ne students to work out mathematical and positional averages.							
4. To motivate	the students to exercise different measures of dispersion.							
5. To provide p	practical knowledge on the concept skewness.							
Unit: I Nat	ture and Scope of Statistics		12	1				
Statistics: Mean	ing – Definition – Scope – Functions – Limitations – Primary and S	Second	lary I	Data				
: Meaning – M	ethods of Collecting Primary Data - Sources of Secondary Data -	Preca	ution	s in				
using secondary	data.							
Unit: II Cla	ssification, Tabulation and diagram		12					
Classification:	Meaning – Objectives – Rules - Types – Tabulation of Data: Meaning	ng – O	bject	ives				
- Difference bet	ween Classification and Tabulation – Parts of Table – Types of Ta	ables.	Diagr	am:				
Meaning – Type	es of Diagram.							
Unit: III Ave	erages		12					
Average: Mean	ing – Functions – Requisites of a Good Average – Types of Avera	age: A	rithm	etic				
Mean, Median,	Mode, Geometric mean, Harmonic mean – Comparison of Averages							
Unit: IV Me	asures of Dispersion		12					
Dispersion: Me	aning – Concept of variation -Significance of Measuring Variation	n – Me	ethod	s of				
Studying Variat	ion: Range, Quartile Deviation, Mean Deviation, Standard Deviatior	, Lore	nz Cu	irve				
- Coefficient of	variations							
Unit: V Ske	wness		12					
Skewness: Mea	aning –Difference between Dispersion and Skewness – Measures	of Asy	mme	try:				
Absolute Measu	re – Relative Measures - Karl Pearson's Co-efficient – Bowley's	Co-e	fficie	nt –				
Kurtosis; Meani	ng and Types (Theory only)							
	Total Lecture H	ours	60 H	rs				
<b>Books for Stud</b>	y:							
1. S.P.Gup	ta, Statistical Methods, Sultan Chand and Sons, New Delhi, Reprinte	d.2015	5.					
2. R.S.N.P.	illai 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. Elh	2. D.P. Elhance, Statistical Methods, Kitab Mahal, Agra 2012.							
Web Resources	;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;							
www.real-stati	stics.com							
<b>Course Outcon</b>	nes	K	Lev	el				
		I						

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

## CO & PO Mapping:

COS	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	PO 4	<b>PO 5</b>	<b>PO 6</b>
CO 1	3	3	1	2	2	3
CO 2	3	3	2	2	2	3
CO 3	3	3	1	2	2	3
<b>CO 4</b>	3	2	3	2	2	3
CO 5	3	3	2	2	2	3

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

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

## LESSON PLAN

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)								
			Sect	ion A	Section	B	Section C	Section D	
Inte	Cos	Cos K Level	M	CQs	Short Ans	swers	Fither or	Open	
rnal	0.05		No. of.	К-	No. of.	К-	Choice	Choice	
			Question	s Level	Questions	Level	Choice	Choice	
CI	CO1	Up to K2	2	K1,K2	1	K1	2	1	
AI	CO2	Up to K3	2	K1,K2	2	K2	2	1	
CI	CO3	Up to K4	2	K1,K2	1	K1	2	1	
AII	<b>CO4</b>	Up to K4	2	K1,K2	2	K2	2	1	
		No. of							
		Questions to b	e 4		3		4	2	
		asked							
Оце	stion	No. of							
Pat	tern	Questions to b	e 4		3		2	1	
CIA	I & II	answered							
0		Marks for each	<sup>1</sup> 1		2		5	10	
		question							
		Total Marks to	<sup>r</sup> 4		6		10	10	
		each section		f Maulaa::4	h V L aval CI		LA TT		
		D Section A	Section D	Soution C	II K Level CI				
	V	Section A (Multiple	Section B	Section C	Section D	Total	% 01 (Marka	Concolidato	
	N Lovol	Choice	(Short	(Entiter /	(Open	10tai Morke	(Wiarks	consolitate	
	Level	Questions	Allswer Ouestions)	Choice)	Choice)	warks	without choice)	01 70	
	V1		Questions)	Choice)		1	choice)		
	KI K2	2		- 10	- 10	4	0 52	60	
	K2 K3	2	4	10	10	20	52 70	40	
CIA	KJ KA	-		10	10	20	40	40	
Ι	Mark	s 4	6	20	20	50	100	100	
	K1	2	2			4	8	10	
	K2	2	4	10		16	32	40	
CIA	K3			10	10	20	40	40	
II	K4				10	10	20	20	
	Mark	s 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 Ar	nswers	Section C	
S.No	COs	K - Level	No. of Questions	K – Level	No. of Questio n	K – Level	(Either / or Choice)	(Open Choice)
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 Quest. Aske	tions to be ed	10		5		10	5
No.of Questions to be answered		10		5		5	3	
Marks for each question		1		2		5	10	
Total I	Marks for	each section	10		10		25	30
	(Figures	in parenthes	is denotes, qu	uestions sl	nould be as	ked 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 lev	of K levels.							

Section A (Multiple Choice Questions)					
Answei	r All Q	uestions	(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 (Sho	ort Answer	rs)		
Answei	r All Q	uestions	(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 (Eit	her/Or Ty	pe)		
Answei	ver All Questions		(5  x  5 = 25  marks)		
Q.No	CO	K Level	Questions		
16) a	COI	K2			
16) b	COI	K2			
1/) a	CO2	K3			
1/)b	CO2	K3			
18) a	CO3	K4			
18) b	CO3	K4			
19) a	CO4	K3			
19) b	CO4	K3			
20) a	<u>CO5</u>	K3			
20) b	05	K3			
NB: Hi	gher le	vel of perf	ormance of the students is to be assessed by attempting higher		
level of	K leve	IS Chaire			
Section	D (Op	en Unoice	(3x10-30  morks)		
Allswe		K Loval	Ouestions (JX10=30 MarKs)		
21	CO1	K Level	Questions		
21		K2			
22	$\frac{CO2}{CO2}$	к.) КЛ			
23	$CO_3$	КА КЛ			
2 <del>4</del> 25	CO4 CO5	K3			
23	005	ЛJ			

## **Summative Examinations - Question Paper – Format**



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

Course Name	BUSINESS ACCOUNTING - I	BUSINESS ACCOUNTING - I					
Course Code	21UCOA11	L	Р	С			
Category	Allied	Allied 5 -					
Nature of Cou	rse: EMPLOYABILITY ✓ SKILL ORIENTED ENTREPR	RENE	URS	HIP			
Course Object	ives:						
1. To know 2. To prep	v the principles of accounting concepts and conventions are journal, ledger and subsidiary books						
3. To prep	3. To prepare trial balance of a trading concern						
4. To under	stand the accounting procedure in the preparation of final accounts of tradin	ng coi	ncern				
5. To man	age accounts for non-profit organization			_			
Unit: I Ac	counting Introduction		1	5			
Definition of B Limitations – T	ook-keeping – Objectives – Double Entry System of Book Keeping – ypes of Accounts – Rules – Basic Accounting Concepts and Convent	- Adv tions.	anta	ges -			
Unit: II Jou	ırnal & Ledger		1	5			
Journal – Ledg	er – Posting from Journal to Ledger – Balancing of Ledger Accounts	– Dis	stinct	ion			
between Journa	l and Ledger – Subsidiary Books – Benefit of Subsidiary Book Syster	m.– F	Purch	ase			
Book – Sales B	Book – Sales Book – Purchase Return Book – Sales Return Book – Cash Book						
Unit: III Tr	I rial balance 15						
Trial Balance -	Meaning – Definition – Objectives – Preparation of Trial Balance –	Error	s not				
Disclosed by Ti	Tal Balance – Errors Disclosed by Trial Balance – Guidelines to Loca	ate Er	rors.				
Unit: IV Fin	al accounts of trading concerns		1	5			
Trading Accou	nt, Profit and Loss Account & Balance Sheet –Adjustments Regardin	ig Clo	osing				
Stock Prepaid E	Expenses, Outstanding Expenses, Income Receivable and Income Rec	eivec	l in				
Advance, Bad o	lebts and Reserve for doubtful debts, Depreciation.						
Unit: V Ac	counts of Non-profit organization		1	5			
Introduction –	Difference between Receipts and Payment Account and Income and I	Expei	nditu	re			
Account – Step	to prepare a Income and Expenditure Account and balance Sheet –Pr	repara	ation	of			
Income and Exp	benditure Account from Receipts and Payments Account.			_			
	Total Lecture	Hou	<b>:s</b> 7	5			
Books for Stuc	y:						
1. T.S. Reddy,	and A. Murthy, <i>Financial Accounting</i> , Margham Publications, Chennai, 201	16.					
Books for Refe	rences:						
1. S.P. Jain & K	L.L. Narang, Financial Accounting, Kalyani Publishers, New Dehli, 2	014.					
2. R.L Gupta and M. Radhasamy, Advanced Accounting Volume-I, Sultan Chand and Sons, Delhi, Eleventh							
Revised Edition, 2009.							
Web Resources:							
1. <u>https://yout</u>	u.be/UxtPGWIxgHQ - Introduction of Accounting u.be/AOvyKosUBf4 Accounting Standards and Principles						
2. <u>mups://yout</u>							

3. <u>htt</u> 4. <u>htt</u> 5. <u>htt</u> 6 <u>btt</u>	<ol> <li>https://youtu.be/wzz31xEZ1MI - Recording of financial transactions</li> <li>https://youtu.be/WS_YYSdTEMw - Profit and Loss account</li> <li>https://youtu.be/8-mF3B3Lbr4 - Balance Sheet</li> <li>https://pntel.ac.in/courses/110/101/110101131/ - Financial Accounting Course</li> </ol>					
Cours	Course Outcomes K Level					
CO1:	Gain knowledge on accounting basic concepts and conventions					
CO2:	Prepare Journal and Ledger of Accounting	Up to K3				
CO3:	Able to prepare trial balance and locate errors	Up to K3				
<b>CO4:</b>	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	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	PO 4	<b>PO 5</b>	<b>PO 6</b>
CO 1	3	2	2	1	2	3
CO 2	3	3	2	2	2	2
CO 3	3	3	1	2	2	2
<b>CO 4</b>	3	2	2	2	3	3
CO 5	3	3	1	2	2	3

\*3 – Advanced Application; 2 – Intermediate Development; 1 - Introductory Level <u>LESSON PLAN</u>

UNIT	BUSINESS ACCOUNTING I	Hrs	Mode
Ι	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 – ErrorsDisclosed by Trial Balance – Guidelines to Locate Errors.	15	Chalk & talk
IV	<b>Final accounts of trading concerns</b> : 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

	Learning Outcome Based Education & Assessment (LOBE) Formative Examination - Blue Print							
	-	Articulation M	<u> 1apping – K</u>	Levels w	ith Course C	Outcome	s (COs)	
			Sectio	n A	Section	n B	Seatter C	Carthan D
Intornal	Cos		MCQs		Short Answers		Section C	Section D
Internal	Cos	K Level	No. of.	К-	No. of.	К-	Choice	Choico
			Questions	Level	Questions	Level	Choice	Choice
CI	<b>CO1</b>	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	<b>CO4</b>	Up to K4	2	K1,K2	2	K2	2(K3&K3)	1 (K4)
		No. of Questions to be asked	4		3		4	2
Question Pattern CIA I & II		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)

	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 %	
	K1	2	-	-	-	2	4	60	
	K2	2	6	10	10	28	56	00	
СІА	K3	-	-	10	10	20	40	40	
	K4	-	-	-	-	0	0	0	
•	Marks	4	6	20	20	50	100	100	
	K1	2	-	-	-	2	4	40	
	K2	2	6	10	-	18	36	40	
CIA	K3	-	-	10	10	20	40	40	
II	<b>K4</b>	-	-	-	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	Summative Examination – Blue Print Articulation Mapping – K Level with Course Outcomes (COs)									
			MCQs		Short Answers		Section C			
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(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 Quest. Aske	ions to be ed	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 parenthesi	(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	12	
K2	5	4	4	1	43	35.83	42	
K3	-	-	6	3	60	50	50	
K4	-	-	-	1	10	8.33	8	
Marks	10	10	50	50	120	100	100	
NTD TTO			<b>.</b>					

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

Section A (Multiple Choice Questions)					
Answei	r All Q	uestions	(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 (Sho	ort Answer	rs)		
Answei	r All Q	uestions	(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 (Eit	her/Or Ty	pe)		
Answei	r All Q	uestions	(5  x  5 = 25  marks)		
<b>Q. No</b>	CO	K Level	Questions		
16) a	COI	K2			
16) b	COI	K2			
1/) a	CO2	K3			
1/)b	CO2	K3			
18) a	CO3	K2 K2			
18) b	CO3	K2 K2			
19) a	CO4	K3 K2			
19) b	CO4	K3 K2			
20) a	C05	K3 K2			
20) D	<u> </u>	K)			
NB: HI	gner le	vel of perio	ormance of the students is to be assessed by attempting higher		
Section	$\mathbf{R}$ leve	an Chaice			
Answer Any Three questions (2x10-20 montree)					
		K Lovel	Onections		
21	CO1	K2	Questions		
22	$CO^2$	K3			
23	CO3	K3			
23	CO4	K4			
25	CO5	K4			
45	005	T 7 1			

## **Summative Examinations - Question Paper – Format**



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

Course Name	ECONOMICS OF ADV	ER'	FISING				
Course Code	21UECS11				L	Р	С
Category	Skill				2	-	2
Nature of cours	e: EMPLOYABILITY	✓	SKILL ORIENTED	ENTREPREN	EUR	SHIP	,
Course Objectives:							
1. To understand the concepts of Advertising management.							
2. To learn about marketing process for different types of Creativity.							
3. To understand	I the different strategies of	Adv	ertising.				
4. To understand	I and analyse about the Bu	dget	of Advertising.				
5. 10 Enable the	students know about the A	Adve	ertising Agencies.			6	
Introductory aspe	ounciory aspects of Advertisement : Mean	ing or	eni fadvertising Durnose a	d functions Of	viactiv	0	4
role -Governmen	Regulations – Restrictions.	ing 0	i advertising – i urpose ai		jeeuv	es an	u
Unit: II Cre	ativity					6	
Creativity – Me	aning - Sources – Role – I	Deve	lopment of Creative Str	ategies –Factor	rs af	fectir	ıg
Creativity.	6		1	U			0
Unit: III Adv	ertising Strategies					6	
Advertising Str	ategy, Planning and Organ	izati	on – Contribution of ad	vertising - Strat	egy –	Lev	el
of decision mak	ing – Factors influencing (	Orgai	nizational Features				
Unit: IV Adv	vertising Budget					6	
Advertising Bu	lget: Meaning – Nature- C	)bjec	tives and Process – Fac	tors Determinir	ıg		
Advertising Buc	get – Methods of Advertis	sing (	(Percentage of Sales Me	ethod, Competit	ive P	arity	
Method, Object	ves Task Method Only)						
Unit: V Ad	rertising Agencies			1 0 1 1		6	
Future trend in	advertisement - Advertisi	ng A	Agency: Meaning - Ro	le of Advertisin	g Age	ents –	_
Competition am	ong Agencies – Ethics and	i Mo	rale of Advertisement.			<u>20 11</u>	
Dooleg for Stud			10	lai Lecture Ho	urs	30 H	rs
DOOKS for Stud	y:						
1. R.Cauvery,	Suthenayak, Girija and M	leena	kshi, Managerial Econ	omics, S.Chand	1&0	Comp	any
Limited, Ne	w Delhi, Ist revised, 2010.						
2. M.John Ker	nedy, Micro Economics, F	lima	laya Publishing House,	Mumbai,Repri	nt,201	10.	
3. T.Aryamala, Business Economics, Vijay Nicole Imprints private limited, Chennai, 2013.							
Books for References:							
I. P.N.Keddy and H.K.Appannaian, Essentials of Managerial Economics, Himalaya Publishing House Mumbai 1006							
<ul> <li>1 P N Chopra Managerial Economics Kalvani Publications New Dalbi 2000</li> </ul>							
<b>3</b> G S Gunta Managerial Economics, Tata McGraw-Hill Publishing House Limited New							
Delhi,24 <sup>th</sup> Reprint,2005.							
Web Resources:							
Course Outcon					K	Lev	ei

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

## CO & PO Mapping:

COS	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>
CO 1	3	2	1	1	2	3
CO 2	3	2	2	2	3	2
CO 3	3	3	2	2	3	2
<b>CO 4</b>	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
Ι	Introduction Introductory Aspects of Advertisement -Meaning of advertising–	2	Chalk and Talk, PPT
	Purpose and Functions – Objectives and role -Government Regulations – Restrictions.	4	
II	<b>Creativity</b> 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	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





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

Course Na	me	Μ	icro Economics-II				
Course Coo	de	21	UECC21		L	Р	С
Category		Co	pre		5	-	5
Nature of co	ourse	e:	EMPLOYABILITY SKILL ORIENTED 🗸	ENTREPR	ENEU	JRSH	ΗP
Course Ob	jectiv	ves	:				
1. To impa	art a s	sou	nd basis on production analysis related aspects.				
2. To enable the students to understand the cost and revenue concepts.							
3. To unde	erstan	nu i tha	ne basic idea about market.	inass firms			
4. To deve	h the	et i	dents about the factor pricing	mess mms.			
Unit: I	THE	EO	RY OF PRODUCTION			15	5
Factors of P	rodu	icti	on –Land, Labour, Capital and Organization – Mean	ing and Featu	res –	Divis	sion
of Labour: 1	Produ	uct	on Function: Meaning – Short run and Long run Pro	oduction Func	tion -	-Law	s of
Variable Pro	oport	tior	s- Law of Returns to Scale –Economies and Diseco	nomies of Sca	ale.		
Unit: II	COS	ST	AND REVENUE CONCEPTS			12	,
Concept of	Cost	t: I	Fixed cost – Variable cost – Average and Margina	l cost– Oppo	rtunit	y Co	st –
Incremental	Cos	st –	Sunk Cost - Imputed Cost - Implicit Cost and Ex	xplicit Cost -	Long	-run	and
Short-run C	lost C	Cur	ves - Relationship between Average and Marginal C	Cost – Concep	ots of	Reve	nue
– Total Rev	enue	:	Average and Marginal Revenue – Relationship betwee	een AR and M	IR.		
Unit: III	PRI CON	ICE ME	C- OUTPUT DETERMINATION UNDER PERFI TETITION	ECT		13	j.
Perfect Co	mpet	titic	n : Meaning - Characteristics - Difference b	etween Pure	and	Per	fect
Competition	1 - P	Pric	e and Output Determination under Perfect Compet	ition in the S	Short	Run	and
Long Run.							
Unit: IV	PRI CON	ICE ME	- OUTPUT DETERMINATION UNDER IMPER	RFECT		15	i
Monopoly :	Mea	aniı	g – Characteristics – Kinds – Price and Output Dete	ermination un	der M	lonop	oly
in the Short	Run	n ai	nd Long Run – Control of Monopoly – Monopolist	tic Competitio	on: M	eanir	ıg –
Characterist	tics –	- Pı	ice and Output determination – Oligopoly: Meaning,	, Features and	Туре	s On	ly.
Unit: V	THE	EO	RIES OF DISTRIBUTION			20	)
Distribution	: Me	ean	ing – Functional Vs Personal Distribution – Margi	inal Productiv	vity T	heory	y of
Wage (Clark and Marshall) – Ricardian Theory of Rent – Difference between Rent and Quasi Rent						Rent	
- Modern Theory of Rent - Loanable Fund Theory of Interest - Liquidity Preference Theory -							
Innovation Theory of Profit – Risk and Uncertainty Theory of Profit.							
			Tota	l Lecture Ho	urs	75Hı	ſS
Books for Study:							
1. M.L Seth, Micro Economics, Lakshmi NarainAgarwal Education Publishers, Agra,							
2 M L Ihi	ngan		<b>licro Economic Theory</b> Brinda Publications (P) I td	L Delhi 2007			
<u>~</u> , 1 <b>11.</b> , <b>31</b> 11	nguil	.,	Let 2 2010 mile 1 1001 J. Di mau i doncations (i ) Liu	, 2007.			

3.	John Kennedy,	<b>Micro Econom</b>	nics,	Himalaya	Publishing	House,	Mumbai,	2010.
				2	0			

## **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	Course Outcomes					
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	<b>PO 2</b>	<b>PO 3</b>	PO 4	<b>PO 5</b>	<b>PO 6</b>
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
	THEORIES OF PRODUCTION		
	Factors of Production –Land, Labour, Capital and Organization –	5	Chalk &
т	Meaning and Features – Division of Labour: Production Function:	5	talk, ppt,
1	Meaning – Short run and Long run Production Function –	5	Discussion
	Laws of Variable Proportions- Law of Returns to Scale -Economies		
	and Diseconomies of Scale.		
	COST AND REVENUE CONCEPTS		
	Concept of Cost: Fixed cost – Variable Cost – Average and Marginal	4	
	cost- Opportunity Cost - Incremental Cost - Sunk Cost - Imputed	_	
п	Cost – Implicit Cost and Explicit Cost –	3	Chalk &
	Long-run and Short-run Cost Curves - Relationship between Average		talk, ppt,
	and Marginal Cost –	5	Discussion
	Concepts of Revenue – Total Revenue – Average and Marginal		
	Revenue – Relationship between AR and MR.		
	PRICE- OUTPUT DETERMINATION UNDER PERFECT		
III	COMPETITION Design Characteristics	4	$Ch_{0}$
	Perfect Competition : Meaning – Characteristics		Chalk &
	Difference between Pure and Perfect Competition	5	taik, ppt
	Price and Output Determination under Perfect Competition in the Short	0	
	DDICE OUTDUT DETEDMINATION UNDED IMDEDEECT		
	COMPETITION		
	Monopoly · Meaning – Characteristics – Kinds – Price and Output	5	
	Determination under Monopoly in the Short Run and Long Run –	5	Chalk &
IV	Control of Monopoly –	6	talk, ppt.
	Monopolistic Competition: Meaning – Characteristics – Price and	Ũ	·····, PP ·,
	Output Determination –	4	
	OligoPoly: Meaning, Features and Types Only.		
	THEORIES OF DISTRIBUTION		
V	Distribution: Meaning – Functional Vs Personal Distribution –	5	
	Marginal Productivity Theory of Wage (Clark and Marshall) –		Assignment
	Ricardian Theory of Rent – Difference between Rent and Quasi Rent –	5	_
	Modern Theory of Rent – Loanable Fund Theory of Interest –		
	Liquidity Preference Theory –	5	
	Innovation Theory of Profit – Risk and Uncertainty Theory of	5	
	Profit.		

## **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)										
			Section	n A	Section	B	Section C	Section D			
Inte	Cos	K Level	MCQ	ls	Short Ans	swers	Either or	Open			
rnal			No. of. Questions	K - Level	No. of. Questions	K - Level	Choice	Choice			
CI	<b>CO1</b>	Up to K2	2	K1,K2	1	K1	2	1			
AI	CO2	Up to K2	2	K1,K2	2	К2	2	1			
CI	CO4	Up to K4	2	K1,K2	1	K1	2	1			
AII	CO5	Up to K4	2	K1,K2	2	K2	2	1			
		No. of Questions to be asked	4		3		4	2			
Que Pat	estion tern	No. of Questions to be answered	4		3		2	1			
CIA I & II		Marks for each question	1		2		5	10			
		Total Marks for each section	4		6		10	10			

		D	istribution of	f Marks with	K Level CI	A I & CI	AII		
	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 %	
	K1	2	2	-	-	4	8	60	
	K2	2	4	10	10	26	52	00	
СТА	K3	-	-	10	10	20	40	40	
	K4	-	-	-	-				
1	Marks	4	6	20	20	50	100	100	
	K1	2	2			4	8	40	
	K2	2	4	10		16	32	40	
CIA	K3			10	10	20	40	40	
II	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.

Summ	Summative Examination – Blue Print Articulation Mapping – K Level with Course Outcomes											
				(COs)								
			MCO	Qs	Short Answers		Section C	Section D				
S.No	COs	K - Level	No. of Questions	K – Level	No. of Questio n	K – Level	(Either / or Choice)	(Open Choice)				
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 Quest. Aske	tions to be	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 parenthes	is denotes, qu	uestions sl	nould be as	ked with	the given K	level)				

		Dis	stribution of	Marks with	n K Leve						
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: Hig of K lev	NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels										

Section	A (Mu	ltiple Cho	ice Questions)
Answei	r All Q	uestions	(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 (Sho	ort Answer	rs)
Answei	r All Q	uestions	(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 (Eit	her/Or Ty	pe)
Answei	r All Q	uestions	(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: Hi	gher le	vel of perf	ormance of the students is to be assessed by attempting higher
level of	K leve	ls	
Section	D (Op	en Choice)	
Answe	r Any	Inree ques	suons (3x10=30 marks)
<b>Q.No</b>		K Level	Questions
21		KJ KJ	
22	<u>CO2</u>	K3	
23	003	K4	
24	<u>CO4</u>	K4 K2	
25	CO5	К3	

# **Summative Examinations - Question Paper – Format**



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

Course Nan	ne	Statis	stical Methods-II						
Course Cod	e	21UE	CCC22				L	Р	С
Category		Core					4	-	4
Nature of co	urse	: EN	<b>IPLOYABILITY</b>	SKILL ORIENTED	$\checkmark$	ENTREPREN	EUR	SHIP	,
Course Obj	ectiv	es:							
1. To Train	the	stude	nts to quantify the	relationship between the	vari	ables.			
2. To Equip	p the	stude	ents to compute reg	gression coefficients.					
3. To Enab	le th	e stud	ents to work out d	ifferent index numbers.					
$\begin{array}{ccc} 4. & 10 \text{ Guid} \\ 5 & \text{To Coac} \end{array}$	e the	stude	ents to gauge the n	robability of events using	tha	orem			
	Cori	elati	on Analysis	Tobability of events using	s the			12	
Correlation: Meaning – Correlation and Causation – Types – Methods of Studying Correlation –									n –
Graphic Method: Scatter Diagram –Mathematical Method:Karl Pearson's Coefficient of									of
Correlation- Spearman's Rank Correlation – Concurrent Deviation – Uses – Limitations of									
Correlation A	Anal	ysis.							
Unit: II	Reg	essio	n Analysis					12	1
Regression: Definition - Difference between Correlation and Regression - Regression Lines -									
Regression Equations -Y on X and X on Y - Properties of Regression Coefficient - Uses -								ès –	
Limitations of	of Re	gress	ion Analysis.						
Unit: III	Inde	x Nu	mbers					12	
Meaning –	Uses	– P	roblems in constr	uction of Index Number	rs -	Methods of C	onstru	actior	1: –
Laspeyre's,	Paas	che's	, Fisher's Indices	only. Tests of Validit	y: T	ime Reversal	Test	– Fa	ctor
Reversal Tes	st - C	<u>Cost o</u>	f Living Index						
Unit: IV	Ana	lysis (	of Time Series					12	
Time Series:	Mea	aning	- Uses - Compon	ents – Measurement of S	lecul	arTrend: Free h	and N	Aetho	od –
Semi–Avera	ge N	Ietho	d – Moving Avera	age Method -Method of	Leas	st Squares – M	easur	emen	t of
Cyclical and	Irre	gular	variations.						
Unit: V	Prot	abili	ty					12	1
Probability:	Mea	ning -	- Usefulness – Ma	thematical Preliminaries	- Per	mutations and	Comb	inatio	ons
(Simple Prol	olem	s).Pro	bability Key conce	epts - Theorem of Probab	oility	– Addition The	eorem	l —	
Multiplicatio	on Tł	éorei	n – Bayes' Theore	em.	5				
Total Lecture Hours     60									
Books for S	tudy	:							
1. S.P.Gupt	ta, S	atisti	cal Methods, Sult	an Chand and Sons, New	/ Del	lhi, Reprinted,2	015.		
2. R.S.N.Pilla and Bagawathi, Statistics, S.Chand and Co, New Delhi, 2015.									
Books for R	lefer	ences	:						
1. S.C.Gup	ta, F	undar	nentals of Statistic	s, Himalaya Publishing H	Ious	e, New Delhi,2	016.		

2. D.I	2. D.P. Elhance, Statistical Methods, Kitab Mahal, Agra, 2012.							
Web R	Web Resources:							
Relate	d Online Contents (MOOC, SWAYAM, NPTEL, Websites etc.)							
1. <u>www</u>	<u>v.real-statistics.com</u>							
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	<b>PO 2</b>	PO 3	PO 4	PO 5	<b>PO 6</b>
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	Hrs	Mode
	Statistical Analysis-II		
	Correlation- Concepts	2	
Ι	Methods of Measuring Correlation	9	Chalk &Talk, ppt
	Limitations	1	
	Regression- Concepts – Difference between Correlation	2	
п	and Regression	9	
11	Regression Equations and their properties	1	Chalk &Talk
	Limitations		
	Index Numbers: Concepts	2	Chalk & Talk
III	Methods of Construction	6	
	Tests of Validity	4	
137	Time Series: Concepts	2	
1 V	Methods of Measuring Trend	10	Chalk &Talk, ppt,
	Probability- Concepts	2	
V	Permutation and Combinations	4	Assignment
	Probability Theorem	6	Assignment

Course Designed by:

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

		Learn	ing Outcome	Based Edu	ication & As	sessment	(LOBE)	
		Articulatio	Formative – Napping	• Examinati • K Levels w	on - Blue Pri vith Course C	nt )utcomes	(COs)	
			Sect	ion A	Section	B	Section C	Section D
Inte	Cos	K I ovol	M	CQs	Short Ans	swers	Fither or	Open
rnal	0.05	K Level	No. of.	К-	No. of.	К-	Choice	Choice
			Question	s Level	Questions	Level	Choice	Choice
CI	CO1	Up to K2	2	K1,K2	1	K1	2	1
AI	CO2	Up to K3	2	K1,K2	2	K2	2	1
CI	<b>CO3</b>	Up to K4	2	K1,K2	1	K1	2	1
AII	<b>CO4</b>	Up to K4	2	K1,K2	2	K2	2	1
		No. of						
		Questions to b	e 4	4			4	2
		asked						
Question Pattern		No. of						
		Questions to b	e 4		3		2	1
		answered						
	I W II	Marks for each	<sup>1</sup> 1		2		5	10
		question	-		-		v	10
		Total Marks fo	r 4		6		10	10
		each section					T A TT	
		D	istribution of	f Marks wit	h K Level Cl			
		Section A	Section B	Section C	Section D		% of	~
	K	(Multiple	(Short	(Either /	(Open	Total	(Marks	Consolidate
	Level	Choice	Answer	Or	Choice)	Marks	without	of %
		Questions)	Questions)	Choice)	,		choice)	
	K1	2	2	-	-	4	8	60
	K2	2	4	10	10	26	52	
CIA	K3	-	-	10	10	20	40	40
I	K4	-	-	-	-			
	Mark	s 4	6	20	20	50	100	100
	K1	2	2			4	8	40
	K2	2	4	10		16	32	40
CIA	K3			10	10	20	40	40
II	K4				10	10	20	20
	Mark	s 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)							
			MCO	Qs	Short Answers		Section C	Section D			
S.No	COs	K - Level	No. of Questions	K – Level	No. of Questio n	K – Level	(Either / or Choice)	(Open Choice)			
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 Quest. Aske	tions to be	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 parenthes	is denotes, qu	uestions sl	nould be as	ked with	the given K	level)			

		Dis	stribution of	Marks with	n K Leve	l					
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				
NB: Hig	NB: Higher level of performance of the students is to be assessed by attempting higher level										
of K lev	els.										

Section	A (Mu	ltiple Cho	ice Questions)
Answei	r All Q	uestions	(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 (Sho	ort Answer	·s)
Answei	r All Q	uestions	(5x2=10 marks)
<b>Q.No</b>	<u>CO</u>	K Level	Questions
11		KI K1	
12	<u>CO2</u>	KI K2	
13	<u>CO3</u>	K2	
14	<u>CO4</u>	K2	
15	<u>C05</u>	<u>K2</u>	
Section	C (Eit	her/Or Ty	pe)
Answei	$\frac{r}{CO}$	Uestions	$(5 \times 5 = 25 \text{ marks})$
$\frac{\mathbf{V}}{16}$	$\frac{CO}{CO1}$	K Level	Questions
10) a	$\frac{CO1}{CO1}$	K3	
10 0 17) a	$\frac{CO1}{CO2}$	KJ KA	
$\frac{17}{a}$	$\frac{CO2}{CO2}$	KA	
17) 0 18) a	$\frac{CO2}{CO3}$	K3	
18) h	$\frac{003}{003}$	K3	
10) o	CO4	K4	
19) b	CO4	K4	
20) a	CO5	K3	
20) b	CO5	K3	
NB: Hi	gher le	vel of perf	ormance of the students is to be assessed by attempting higher
level of	K leve	ls	
Section	D (Op	en Choice	
Answe	r Any '	Three ques	stions (3x10=30 marks)
Q.No	CO	K Level	Questions
21	CO1	<b>K3</b>	
22	CO2	K4	
23	CO3	K3	
24	CO4	K4	
25	CO5	K3	

# **Summative Examinations - Question Paper – Format**



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

Course Na	me	BUS	SIN	ESS A	CCO	UNTING	- T	T					
Course Co	de	211		A 2.1			- 1	-			I.	Р	С
Catagory	uu	<u><u> </u></u>	iod								5	-	
Category	a	AII	leu					CIVIL I			5	•	<b>4</b>
Nature of	Cours	se:	EN	APLO	YABI	LITY	✓	SKILL	ORIENTED	ENTREPRI	ENE	JRSF	ΗP
Course Ob	ojectiv	ves:											
1. To uno	lersta	nd th	ne S	ingle E	Entry S	ystem of	acco	ounting					
2. To know	ow the	e self	f bal	lancing	g syste	m							
3. To pre	pare I	Bank	Re	concili	lation s	statement		•					
4. 10 get $5$	Know	vledg	ge of	n the n	nethod	s of depr		ion.					
J. 10 cal	Sinc	$\frac{1}{10}$	rage	v Svet	ate and		l Cur	rent					
	Sing	gie E	nu,	y Systi								1	.5
Single Ent	ry Sy	stem	: M	eaning	– defi	nition – s	salie	nt featur	es – Limitatio	ons – Differen	ce be	tweeı	1
double entr	y and	sing	gle e	entry sy	ystem -	– Ascerta	inm	ent of p	rofit – Net wo	orth method – (	Conv	ersio	n
method (Si	mple	Prob	lem	is Only	/).								
Unit: II     Self Balancing system     1							5						
Self Balan	Self Balancing system: meaning – Advantages of Self balancing system – Debtor ledger – Creditor												
Idger – General ledger – Procedure of Self Balancing.       Itwite III – Beach Beach Silection Statement													
Cint: III     Dank Reconcination Statement     1.						.5							
Bank Reco	oncilia	ation	Sta	temen	t – Me	aning – N	Veed	– Cause	es for differen	ices between C	Cash I	ook	and
pass book -	– Met	hods	of	prepara	ation o	f Bank re	econ	ciliation	Statement.				
Unit: IV	Dep	recia	atio	n								1	.5
Depreciati	on: M	Ieani	ng -	– Caus	es – O	bjectives	- M	lethods of	of providing d	lepreciation –	Straig	ght L	ine
Method- D	iminis	shing	g Ba	lance	Metho	d – Annu	ity N	Method -	<ul> <li>Sinking Fur</li> </ul>	nd Method (Sin	nple	Prob	lems
Only).	1												
Unit: V	Ave	rage	Du	e Date	e – Ac	count Cu	irrei	nt				1	5
Average D Product Me	ue Da ethod	ate – – Re	Bas Bad Ir	sics an 1k Inte	d Calc rest M	ulation– ethod.	Acco	ount Cu	rrent – Metho	ds of calculation	on of	Inter	rest –
									]	<b>Fotal Lecture</b>	Hou	rs 7	'5
Books for	Study	y:											
TS Reddy	and	ΔΝ	Aurt	hy Fir	nancial	Account	ting	Margha	m Publication	ns Chennai 2	016		
Books for	, und Refer	ence	es:	, i II	iunciu	1 iceouli	<u>.</u> ,	11111 5110		no, Chennar, 2			
													~
1. R.L Guj Eleventl	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. N	arai	ng, Fin	ancial	Account	ing,	Kalyani	Publishers, N	New Dehli, 201	4.		
Web Reso	urces	•											

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

Course	e Outcomes	K level
<b>CO1:</b>	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
<b>CO4:</b>	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	<b>PO 2</b>	<b>PO 3</b>	PO 4	<b>PO 5</b>	<b>PO 6</b>
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

UNIT	BUSINESS ACCOUNTING II	Hrs	Mode
Ι	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

### LESSON PLAN

### **Course Designed by**

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

	Learning Outcome Based Education & Assessment (LOBE) Formative Examination - Blue Print									
Articulation Mapping – K Levels with Course Outcomes (COs)           Section A         Section B           MGO         Section C         Section C								Section D		
Internal	Cos	K Level	MC( No. of. Questions	<u>Qs</u> K - Level	Short Ans No. of. Questions	swers K - Level	Either or Choice	Open 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 K4	2	K1,K2	1	K2	2(K3&K3)	1 (K4)		
AII	CO4	Up to K3	2	K1,K2	2	K2	2(K2&K2)	1 (K3)		
		No. of Questions to be asked	4		3		4	2		
Question Pattern		No. of Questions to be answered	4		3		2	1		
CIA I & II		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)

		]	Distribution o	f Marks with	K Level CL	A I & CIA	A 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 %
	K1	2	2	-	-	4	8	60
	K2	2	4	10	10	26	52	00
СІА	K3	-	-	10	10	20	40	40
	K4	-	-	-	-	0	0	0
-	Marks	4	6	20	20	50	100	100
	K1	2	-	-	-	2	4	40
	K2	2	6	10	-	18	36	40
CIA	K3	-	-	10	10	20	40	40
Π	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	Summative Examination – Blue Print Articulation Mapping – K Level with Course Outcomes (COs)								
			MCC	)s	Short An	swers	Section C	Seation 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(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 parenthesi	is denotes, qu	estions s	hould be as	ked 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	42			
K3	-	-	6	3	60	50	50			
K4	-	-	-	1	10	8.33	8			
Marks	10	10	50	50	120	100	100			
NB: Hig of K lev	gher level of p els.	erformance o	of the students	s is to be asse	essed by a	attempting	higher level			

Section	A (Mul	tiple Choic	e Questions)
Answer	All Qu	estions	(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 (Shoi	rt Answers)	
Answer	All Qu	estions	(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 (Eith	er/Or Type	
Answer	All Qu	estions	(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	K2	
19) b	CO4	K2	
20) a	CO5	K3	
20) b	CO5	K3	
NB: Hig	her lev	el of perfor	mance of the students is to be assessed by attempting higher
level of	K levels	<u> </u>	
Section	D (Ope	n Choice)	
Answer	Any T	nree questi	ons (3x10=30 marks)
<b>Q. No</b>		K Level	Questions
21		K2 K2	
22	CO2	K3	
23	CO3	K4	
24	CO4	K3	
25	CO5	К3	

# **Summative Examinations - Question Paper – Format**



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

Course Code       21UECS21       L       P       C         Category       Skill       2       -       2         Nature of course:       EMPLOYABILITY       SKILL ORIENTED       ✓       ENTREPRENEURSHIP         Course Objectives:       I. To portray the determinants of personality and the significance of interpersonal skills       2. To explore the factors of personality       SKILL ORIENTED       ✓       ENTREPRENEURSHIP         1. To portray the determinants of personality and the significance of interpersonal skills       2. To explore the factors of personality       4       7       6         2. To explore the factors of personality       5. To facilitate the students to set life goals.       6       6         Unit: I       Basics of Personality       Basics of Personality       6         Personality – Determinants: Biological – Heredity – Brain –Physical Characteristics-Significance of Interpersonal skills.       6         Unit: II       Factors of Personality       6         Personality and Cultural factors – Family Factors – Social and Situational Factors-Self-awareness components.       6         Unit: III       Personality Traits       6         Personality Traits – Kinds of personality Traits – Personality Theories.       6         Unit: IV       Leadership       6         Luit: IV       Leadership <td< th=""></td<>					
Category       Skill       2       2       2       2         Nature of course:       EMPLOYABILITY       SKILL ORIENTED       ✓       ENTREPRENEURSHIP         Course Objectives:       ✓       ENTREPRENEURSHIP       ✓       ENTREPRENEURSHIP         1. To portray the determinants of personality and the significance of interpersonal skills       ✓       ENTREPRENEURSHIP         2. To explore the factors of personality       3. To explicate the personality traits.       ✓       Entrepresonal skills         3. To explicate the students aware on leadership quality.       ✓       Image: Second Students of Second Studest of Second Students of Second Students					
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.       6         Personality – Determinants: Biological – Heredity – Brain –Physical Characteristics-Significance of Interpersonal skills.       6         Unit: II       Factors of Personality       6         Personality and Cultural factors – Family Factors – Social and Situational Factors-Self-awareness components.       6         Unit: III       Personality Traits       6         Personality Traits – Kinds of personality Traits – Personality Theories.       6         Unit: IV       Leadership       6         Leadership Characters - Functions – Types of Leadership – Perception – Values – Beliefs –       6					
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					
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         Leadership Characters - Functions – Types of Leadership – Perception – Values – Beliefs –					
S. To facilitate the students to set life goals.       6         Unit: I       Basics of Personality       6         Personality – Determinants: Biological – Heredity – Brain –Physical Characteristics-Significance of Interpersonal skills.       6         Unit: II       Factors of Personality       6         Personality and Cultural factors – Family Factors – Social and Situational Factors-Self-awareness components.       6         Unit: III       Personality Traits       6         Personality Traits – Kinds of personality Traits – Personality Theories.       6         Unit: IV       Leadership       6         Leadership Characters - Functions – Types of Leadership – Perception – Values – Beliefs –					
Onic: I       Basics of Personality       6         Personality – Determinants: Biological – Heredity – Brain –Physical Characteristics-Significance of Interpersonal skills.       6         Unit: II       Factors of Personality       6         Personality and Cultural factors – Family Factors – Social and Situational Factors-Self-awaress components.       6         Unit: III       Personality Traits       6         Personality Traits – Kinds of personality Traits – Personality Theories.       6         Unit: IV       Leadership       6         Leadership       Characters - Functions – Types of Leadership – Perception – Values – Beliefs –					
Interpersonality       Determinants: Biological = Heredity = Brain = Hysical Characteristics-Significance of Interpersonal skills.         Unit: II       Factors of Personality       6         Personality and Cultural factors – Family Factors – Social and Situational Factors-Self-awareness components.       6         Unit: III       Personality Traits       6         Personality Traits – Kinds of personality Traits – Personality Theories.       6         Unit: IV       Leadership       6         Leadership       Characters - Functions – Types of Leadership – Perception – Values – Beliefs –					
Unit: IIFactors of Personality6Personality and Cultural factors – Family Factors – Social and Situational Factors-Self-awareness components.6Unit: IIIPersonality Traits6Personality Traits – Kinds of personality Traits – Personality Theories.6Unit: IVLeadership6LeadershipCharacters - Functions – Types of Leadership – Perception – Values – Beliefs –					
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.       6         Unit: IV       Leadership       6         Leadership       Characters - Functions – Types of Leadership – Perception – Values – Beliefs –					
components.         Unit: III       Personality Traits       6         Personality       Traits – Kinds of personality Traits – Personality Theories.       6         Unit: IV       Leadership       6         Leadership       Characters - Functions – Types of Leadership – Perception – Values – Beliefs –					
Unit: IIIPersonality Traits6Personality Traits – Kinds of personality Traits – Personality Theories.5Unit: IVLeadership6LeadershipCharacters - Functions – Types of Leadership – Perception – Values – Beliefs –					
Personality Traits – Personality Theories.         Unit: IV       Leadership       6         Leadership       Characters - Functions – Types of Leadership – Perception – Values – Beliefs –					
Unit: IV         Leadership         6           Leadership         Characters         -         Functions         -         Types of Leadership         -         Perception         -         Values         -         Beliefs         -					
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.					
Iotal Lecture Hours     50					
BOOKS IOI 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					
<b>CO1:</b> understand the basics of personality <b>K2</b>					
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					
<b>CO5:</b> focus on Goal setting and stress confiscation techniques. <b>K3</b>					

#### CO & PO Mapping:

COS	PO 1	<b>PO 2</b>	<b>PO 3</b>	PO 4	<b>PO 5</b>	<b>PO 6</b>
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	<b>Basics of Personality</b> Personality – Determinants – Biological – Heredity –Brain Physical Characteristics-Significance of Interpersonal skills.	4 2	Chalk and Talk, PPT
II	Factors of PersonalityPersonality and Cultural factors – Family FactorsSocialandSituationalFactors-Self-awarenesscomponents.	2 4	Chalk and Talk, PPT Seminar
ш	<b>Personality Traits</b> 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





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

Course Name	MONETARY ECONOMIC	CS					
Course Code	21UECC31		L	Р	С		
Category	Core	-	5				
Nature of cours	Se: EMPLOYABILITY	SKILL ORIENTED	ENTREPREM	IEURS	HIP		
<b>COURSE OBJ</b>	ECTIVES: This paper explor	es the Monetary theories an	d concepts of	noney	and		
also deals with i	nflation and deflation. Monet	ary Economics has intensified	ed greatly with	substa	ntial		
stream of evider	nce relating to money, banking	g and finance.					
<ol> <li>To enable th</li> <li>To make the</li> <li>To evaluate</li> <li>To develop to</li> <li>To provide i</li> </ol>	<ol> <li>To enable the students to understand the concepts and functions of money.</li> <li>To make the students understand the various monetary theories.</li> <li>To evaluate the consequences of functions and role of commercial and central bank.</li> <li>To develop the skill in evaluating recent reforms in Banking System.</li> <li>To provide insights into the causes and effects of Inflation and Deflation condition.</li> </ol>						
Unit: I Evolution	on of Money						
Introduction - Definition of M money – Defect	Introduction - Barter System – Difficulties in Barter System -Gold Standard- Definition of Money – Evolution– Classification –Functions and Significance of 15 Hours money – Defects - Gresham's Law- Paper Currency Standard – Systems of Note Issue						
Unit: II Theorie	es of Money						
Quantity Theor Comparison bet Milton Friedman	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.						
Unit: III Comn	Unit: III Commercial and Central Banking						
Commercial Bar Economic Deve Objectives and I	nks: Functions – Credit Creati lopment– Central Bank: Func Functions – Role of RBI in Ind	on – Role of Commercial B ctions – Methods of credit co dian Economy.	anks in ontrol - RBI:	15 H	ours		
Unit: IV Reform	ns in Banking Sector in Ind	ia					
Recent Reform Monetary Policy in India – Der Banking: Meani	s in Banking Sector – His y in India – Raguramrajan's nonetization: Meaning – Hi ng – Features-Advantages and	tory – Merits and Demer Committee – Measures of 1 story – Merits and Deme d Disadvantages - Crypto Cu	rits – Recent money supply rits – Online urrency.	15 H	ours		
Unit: V Inflatio	n and Deflation	wass and Effects of Inflation	n Maagunag				
Inflation: Mean	ng - Definition - Types - Ca	auses and Effects of Inflation	n – Measures				
<b>Deflation:</b> Mean	ning– Causes and Effects – M	easures – Stagflation.		15 H	ours		
		Total L	ecture Hours	75			
Book for Study:				10			
<ol> <li>BOOK for Study:</li> <li>Dr.S.Sankaran(2017), "Monetary Economics", Margham Publications, Chennai</li> <li>D.M.Mithani(2010)., "Money Banking Trade and Public Finance" Himalaya Publication, Mumbai.</li> </ol>							
Reference Bool 1. Seth. M.L(2 AgarwalEduc	<b>ks:</b> 012), "Monetary Economica ational Publishers, Agra.	s", Fourteenth revised ed	lition, Lakshr	ni Nar	ayan		

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				
<b>CO1:</b>	understanding the concept of barter system and evolution of money.	Upto K2		
<b>CO2:</b>	analyzing the different views of Theories of Money.	Upto K4		
CO3.	evaluate the consequences of functions and role of commercial and central	Unto KA		
005.	bank.	<b>Opto K4</b>		
<b>CO4:</b>	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	<b>PO 1</b>	<b>PO 2</b>	PO 3	<b>PO 4</b>	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
	Introduction - Barter System - Difficulties in Barter System - Gold	5	Chalk&
	Standard- Definition of Money		Talk,
Ι	Evolution– Classification – Functions and Significance of money –	5	ppt
	Defects -	_	
	Gresham's Law- Paper Currency Standard – Systems of Note Issue	5	
	Quantity Theory of Money: Fisher's Equation	4	
	Cambridge Equations – A Comparison between Fisher's and	4	
	Cambridge Equations	4	Chalk&
11	Keynesian Reformulation – Milton Friedman Quantity Theory of	5	Taik,
	Money	2	ppt,
	Patinkin's Real Balance Effect.		Discussion
	Commercial Banks: Functions – Credit Creation – Role of Commercial	3	Chalk&
	Banks in Economic Development– Central Bank: Functions –	3	Talk.
III	Methods of credit control - RBI: Objectives and Functions – Role of	4	ppt,
	RBI in Indian Economy.	5	Discussion,
			Field Visit
	Recent Reforms in Banking Sector – History – Merits and Demerits	5	
	Recent Monetary Policy in India – Raguramrajan's Committee –		Chalk&
IV	Measures of money supply in India – Demonetization: Meaning –	5	Talk,
1 4	History – Merits and Demerits –		ppt,
	Online Banking: Meaning – Features-Advantages and Disadvantages -	5	Assignment
	Crypto Currency.		
	<b>Inflation:</b> Meaning – Definition – Types – Causes and Effects of	10	
V	Inflation – Measures -Inflationary Gap – Phillips Curve.		Chalk&
,	<b>Deflation:</b> Meaning– Causes and Effects – Measures – Stagflation.	5	Talk,
			ppt

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

Dr.J.Devikarani, 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 L ovol	Section MCQ	Section A MCOs		Section B Short Answers		Section D			
		K Level	No. of. Questions	K – Level	No. of. Questions	K – Level	Choice	Choice			
CI	CO1	Up to K2	2	K1,K2	1	K1	2	1			
AI	CO2	Up to K2	2	K1,K2	2	K2	2	1			
CI	CO4	Up to K4	2	K1,K2	1	K1	2	1			
AII	CO5	Up to K4	2	K1,K2	2	K2	2	1			
		No. of Questions to be asked	4		3		4	2			
Question Pattern		No. of Questions to be answered	4		3		2	1			
CIA I	I & II	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 %		
	K1	2	2	-	-	4	8	60		
	K2	2	4	10	10	26	52	00		
СТА	K3	-	-	10	10	20	40	40		
	K4	-	-	-	-					
L	Marks	4	6	20	20	50	100	100		
	K1	2	2			4	8	40		
	K2	2	4	10		16	32	40		
CIA	K3			10	10	20	40	40		
Π	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)									
			MC	Qs	Short An	swers	Section C	Section D		
S.No	COs	K - Level	No. of	K –	No. of	K –	(Either / or	(Open		
			Questions	Level	Question	Level	Choice)	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	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 Quest	tions to be	10		5		10	5		
	Aske	ed	10		3		10	3		
No.	of Quest	ions to be	10		5		5	3		
	answe	red	10		3		5	3		
Mark	ts for eac	ch question	1		2		5	10		
Total Marks for each		s for each	10		10		25	30		
	secti	on	10		10		23	50		
	(Figur	es in parenth	esis denotes	, questions	should be as	sked witl	h the given K l	evel)		

	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	12				
K2	5	8	10	10	33	27.5	42				
K3			20	30	50	41.66	42				
K4			10	10	20	16.66	16				
Marks	10	10	50	50	120	100	100				
NB: Hig	NB: Higher level of performance of the students is to be assessed by attempting higher level										
of K lev	els.				-						

Section	A (Mu	ltiple Choi	ce Questions)
Answer	<mark>: All Q</mark> ı	iestions	(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 (Sho	ort Answers	5)
Answer	r All Qu	iestions	(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 (Eitl	her/Or Typ	e)
Answer	: All Qu	iestions	(5  x  5 = 25  marks)
Q.No	CO	K Level	Questions
16) a	COl	K2	
16) b	COl	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	<u>CO5</u>	K3	
20) b	005	K3	
NB: Hi	gher lev	vel of perfo	ormance of the students is to be assessed by attempting higher level of
K levels	<u>5</u> D(0	on Chaine)	
Answor	· Any T	'hroo quosti	ions (3x10-30 morks)
		K Loval	Onections (JAIU-JU IIIal KS)
21	C01	K?	Questions
21	$CO^{1}$	K3	
22	CO2	K3	
23	CO4	K4	
25	C05	K3	
25	005	113	

## **Summative Examinations - Question Paper – Pattern**



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

Course Name	MATHEMATICAL METH	IODS- I							
Course Code	21UECC32			L	Р	С			
Category	Core			4	_	4			
Nature of cours	e: EMPLOYABILITY	SKILL ORIENTED	ENTREP	RENE	URS	HIP			
<b>COURSE OBJECTIVES:</b> 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	e students knowledge on diffe	rent functions and graphs							
4. To familiarize	e the students to work out the l	inear and non-linear equation	ons						
5. To expose the	students to understand the sig	gnificance of set theory							
Unit: I Int	oduction			1	1 <u>2 H</u>	ours			
Elements of Ma	thematics – Multiple Operat	ions – Brackets – Fraction	is – Decin	nals –	Neg	ative			
Numbers – Po	wers – Roots and fractiona	l powers – Logarithms -	Use of .	Mathe	matic	es in			
Economics	•			1					
Unit: II Alg	ebra	ional addition and autom	ation	14	12 H	ours			
fectorization	- Evaluation - Simplificat	ions: addition and subtra	$(\Sigma)$ Income			on –			
$\frac{11}{1000000000000000000000000000000000$	ivision . Solving simple equal	ions – The summation sign(	$\Sigma$ ) – meq						
Eunstions Inv	pris and Functions	our functions fitting lines	r function			Non			
linear functions	Composite functions Fu	ear functions – fitting fillea	l functions	5 — 810] Mar	pe -	ming			
functions horizo	- composite functions - Pt	inctions with two independ	ient variat	<i>nes</i> –	Sum	ming			
Unit. IV Equ	lations			1	2 H	ours			
Solving Equation	ns: Linear and Non Linear Eq	uations in One variable - Si	imultaneoi	is Lin	ear	Juis			
Equations in two	and three variables – Homos	reneous and Heterogeneous	equations-	· Oua	dratic				
Equations in one	e variable.		- 1						
Unit: V Set	Theory			1	2 H	ours			
Definition of a s	et – Types – Equality of sets -	- Universal set – Operations	of sets: U	nion a	nd				
Intersection of s	ets – Difference of sets – Com	plement of a set – De-Morg	gan law – Y	Venn d	liagra	am.			
		Total Le	ecture Ho	urs (	50 H	ours			
<b>Book for Study</b>	:								
1 Mehta B C ar	d Madnani G M K (2003) Ma	thematics for Economists	SultanChar	d&So	ne				
1. Mema, D.C.al NewDelhi	u Waunani, O.WI.K, (2003), Ma	inematics for Economisis, S	ountairChai	luaso	115,				
2 Allen R G D	(1986) Mathematical Analysi	s for Economists Macmilla	n London						
2. mich (0.0.)	(1900), manemanear maryst	5 Jor Deonomisis, Machinia	n,London.						
<b>Book for Refer</b>	ence:								
1.Bose D.(200	An Introduction to Math	ematical Methods, Himala	ava Publis	shing	Hou	se.			
Mumbai	Mumbai								
2. A.C Chiang	and Kevin Wainwright,	(2015), Fundamentals Me	thods of	Mathe	mati	cal			
Economics, Mc	GrawHill, UK.								
Web Resources									
COURSE OUT	COME				KL	evel			

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

#### CO & PO Mappings:

CO/PO	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	PO 4	<b>PO 5</b>	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
	Introduction		Chalk &
т	Elements of Mathematics - Multiple Operations - Brackets -	4	Talk, PPT
1	Fractions – Decimals – Negative Numbers – Powers – Roots and	5	Assignment
	fractional powers – Logarithms - Use of Mathematics in Economics	3	
	Representation – Evaluation – Simplifications: addition and		Chalk &
тт	subtraction – multiplication – factorization – division. Solving	8	Talk, PPT
11	simple equations – The summation sign( $\Sigma$ ) – Inequality signs.		
		4	
	Functions – Inverse Functions – Graphs of linear functions – fitting		Chalk &
тт	linear functions – slope – Non-linear functions – Composite	4	Talk, PPT
111	functions – Functions with two independent variables – summing	4	
	functions horizontally	4	
	Solving Equations: Linear and Non Linear Equations in One variable	4	Chalk &
117	- Simultaneous Linear Equations in two and three variables –	4	Talk, PPT
1 V	Homogeneous and Heterogeneous equations- Quadratic Equations in	4	Seminar
	one variable.		
v	Definition of a set – Types – Equality of sets – Universal set –	4	Chalk &
	Operations of sets: Union and Intersection of sets – Difference of sets	4	Talk, PPT
	– Complement of a set – De-Morgan law – Venn diagram.	4	Seminar

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

Dr.J.Devikarani, Assistant Professor of Economics.

	Learning Outcome Based Education & Assessment (LOBE)								
	Formative Examination - Blue Print								
	1	Articulation	Mapping – F	<b>K</b> Levels w	with Course C	Dutcome	s (COs)		
			Section	n A	Section	B	Section C	Section D	
Inte	Cos	V L ovol	MCQ	)s	Short Ans	swers	Fither or	Open	
rnal	CUS	K Level	No. of.	K -	No. of.	К-	Choice	Choice	
			Questions	Level	Questions	Level	Choice	Choice	
CI	CO1	Up to K2	2	K1,K2	1	K1	2	1	
AI	CO2	Up to K3	2	K1,K2	2	K2	2	1	
CI	CO3	Up to K4	2	K1,K2	1	K1	2	1	
AII	<b>CO4</b>	Up to K4	2	K1,K2	2	K2	2	1	
		No. of			3		4	2	
		Questions to	4						
		be asked							
		No. of							
Que	stion	Questions to	4		3		2	1	
Pat	tern	be answered							
CIA	I & II	Marks for	1		2		5	10	
		each question	1		2		5	10	
		Total Marks							
		for each	4		6		10	10	
		section							

	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 %			
	K1	2	2	-	-	4	8	60			
	K2	2	4	10	10	26	52	00			
СІА	K3	-	-	10	10	20	40	40			
I	K4	-	-	-	-			40			
-	Marks	4	6	20	20	50	100	100			
	K1	2	2			4	8	40			
	K2	2	4	10		16	32	40			
CIA	K3			10	10	20	40	60			
II	K4				10	10	20	00			
	Marks	4	6	20	20	50	60	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)										
		V	MC	Qs	Short An	swers	Section C	Section D			
S.No	COs	K -	No. of	K –	No. of	K –	(Either /	(Open			
		Level	Questions	Level	Question	Level	or Choice)	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	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 Questi	ons to be	10		5		10				
	Aske	d	10		3		10	3			
No.	of Questi	ons to be	10		5		5	2			
	answer	red	10		5		5	5			
Mark	ts for each	h question	1		2		5	10			
Total Marks for each			10		10		25	30			
	sectio	n	10		10		23	50			
	(Figures	in parenthe	esis denotes,	questions s	should be as	ked wit	h 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	12			
K2	5	8	10	10	33	27.5	42			
K3			30	20	50	41.66	42			
K4				20	20	16.66	16			
Marks	10	10	50	50	120	100	100			
NB: Hig of K lev	NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels.									

Section	A (Mul	tiple Choice	e Questions)
Answer	All Qu	estions	(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 (Shor	rt Answers)	
Answer	All Qu	estions	(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 (Eith	er/Or Type	
Answer	All Qu	estions	(5  x  5 = 25  marks)
Q.No	CO	K Level	Questions
16) a	COl	<u>K2</u>	
16) b	COI	<u>K2</u>	
17) a	CO2	<u>K3</u>	
17) b	CO2	K3	
18) a	CO3	<u>K4</u>	
18) b	CO3	K4	
19) a	CO4	K3	
19) b	CO4	K3	
20) a	C05	K3 K2	
20) b	05		
NB: Hig	gner lev	el of perfor	mance of the students is to be assessed by attempting higher level of K
levels Section	D (One	n Choice)	
Answor	D (Ope	n Choice) prog guestic	$(3\times10-30 \text{ morbs})$
O No		K I ovol	Ouestions
21	C01	K2	<u>Yutsuons</u>
21	$CO^2$	K3	
22	CO2	K4	
23	CO4	K4	
25	CO5	K3	
23	005	113	

## **Summative Examinations - Question Paper – Pattern**



# 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	Р	С				
Category	Allied	5	-	4				
Nature of cours	se: EMPLOYABILITY SKILL ORIENTED ENTREP	RENE	EURS	HIP				
<b>COURSE OBJ</b>	ECTIVES: This paper explores the economic ideas for different sch	ool of						
economists part	icularly Classical, Neo-Classical, Modern and Indian Economists.							
1. To Understa	nd the richness of economic discipline.							
2. To familiarit	ze the economic ideas of Classical Economists.							
3.10 help the s	tudents to understand the new classical economists' ideas.							
4. To enlighter	I the students on the ideas of Modern Economists.							
J. 10 gain Kilo	ation							
		C						
Meaning - Nati	Ire and Importance of History of Economic Thought – Main Ideas	10	15 H	rs				
Mercantilism an	a Physiocrats – Critical estimate of Mercantilism and Physiocrats.							
Adam Smith, T	cal Economists	4						
Addin Simuli. I	neory of value – Free Trade – Taxation - Ricardo : Theory of Rel	u –						
T P Malthuse T	the J.D.Say's Law of Market.	of	15 H					
Value_ Represe	$r_{\rm rec}$ $r_{\rm r}$ $r_$	nic	13 11	5				
Welfare	Entative Thim = Quasi Kent = A.C. Igou- Concept of Leonor	inc						
Unit: III Neo (	lassical Economists							
Karl Marx – Id	leas for Socialism – Surplus theory of value – Comparison betwee	een						
Marxism and C	lassicism. Keynes : MEC – Liquidity Preference theory - J.R.Hic	ks:	15 Hı	rs				
General equilibr	ium - Walrasian General equilibrium.							
Unit: IVMode	rn Economists	I						
Samuelson: Re	vealed Preference theory -J.B.Clark's - Dynamic Theory of Profi	t –	1 <i>7</i> TT					
Recent Nobel L	aureates - Abhijit Banerjee - Esther Duflo - Charles Lee Isbell.		15 H)	rs				
Unit: V Indian	Economists							
Thiruvalluvar	– Gandhi - Ranade – J.C.Kumarappa - V.K.R.V.Rao — Ambedka	r –	15 U	<b>1</b> 0				
Amartya Sen-	Manmohan Singh - Raghuram Rajan .		15 П	18				
	Total Lecture Ho	irc	75					
Book for Study	. Total Lecture Ho	115	15					
1 Loganath	• an B(2016) "History of Economic Thought" S Chand& Company 1	limite	d N	Jew				
Delhi.	an.D(2010), Thistory of Economic Thought, Stenandee Company		<i>a</i> , , 1					
Book for Reference:								
1. Jhingan, M.L(2017), "Economic History of India". Vrinda Publications (p) Ltd House.								
New	Delhi.	· · ·		)				
2. Franc	2. Francis Cherunilam (2020), International Economics, PHI Learning Pvt. Ltd. New							
Delh	Delhi.							
Web Resources	3							
COURSE OUT	COME		KIA	vel				
			ix Le					
Academic Co	ouncil Meeting Held on 17.05.2022	]	Page S	53				

Page 53

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

### CO & PO Mappings:

CO/PO	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	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
Ι	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
п	<ul> <li>Adam Smith: Theory of Value – Free Trade – Taxation - Ricardo : Theory of Rent – International Trade - J.B.Say's Law of Market.</li> <li>T.R.Malthus: Theory of Population - Market Glut -Alfred Marshall : Theory of Value – Representative Firm – Quasi Rent – A.C.Pigou- Concept of Economic Welfare.</li> </ul>	7 8	Chalk & talk, ppt, Discussion, Assignment
ш	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								
	1	Articulation	Mapping – K	Levels w	vith Course C	Outcome	s (COs)		
			Sectior	n A	Section	B	Section C	Section D	
Inte	Cos	K I ovol	MCQ	ls	Short Ans	swers	Section C	Open	
rnal	CUS	K Level	No. of.	K -	No. of.	K -	Choice	Choice	
			Questions	Level	Questions	Level	Choice	Choice	
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	<b>CO4</b>	Up to K4	2	K1,K2	1	K2	2	1	
		No. of							
		Questions to be	4		3		4	2	
		asked							
		No. of							
Que	stion	Questions to be	4		3		2	1	
Pat	tern	answered							
CIA	I & II	Marks for each	1		2		5	10	
		question	I		2		5	10	
		Total Marks							
		for each	4		6		10	10	
		section							

	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 %	
	K1	2	4	-	-	6	12	60	
СТА	K2	2	2	10	10	24	48	00	
	K3	-	-	10	10	20	40	40	
I	K4	-	-	-	-			40	
-	Marks	4	6	20	20	50	100	100	
	K1	2	2			4	8	40	
	K2	2	4	10		16	32	40	
CIA	K3			10	10	20	40	40	
II	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)									
		V	MC	Qs	Short An	swers	Section C	Section D	
S.No	COs	K -	No. of	K –	No. of	K –	(Either /	(Open	
		Level	Questions	Level	Question	Level	or Choice)	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		10		5		10	5		
	ASKC	u .							
No.of Questions to be answered		10		5		5	3		
Marks for each question		1		2		5	10		
Total Marks for each		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	22			
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: Hig of K lev	NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels.									

Section	A (Mul	tiple Choice	e Questions)
Answer	All Qu	estions	(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 (Shor	rt Answers)	
Answer	All Qu	estions	(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 (Eith	er/Or Type	e)
Answer	All Qu	estions	(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: Hi	gher lev	el of perfor	mance of the students is to be assessed by attempting higher level of K
levels			
Section	D (Ope	n Choice)	
Answer	Any Th	nree questio	ons (3x10=30 marks)
Q.No	CO	K Level	Questions
21		K2	
22	<u>CO2</u>	K4	
23	<u>CO3</u>	K3	
24	<u>CO4</u>	K4	
25	CO5	K3	

## **Summative Examinations - Question Paper – Pattern**



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

Course Code 21UECS31									
	L	Р	С						
Category Skill	2	-	2						
Nature of course:         EMPLOYABILITY         SKILL ORIENTED         ENTREPR	RENE	JRSH	IIP						
COURSE OBJECTIVES:									
This course aims to provide handful of knowledge on the key concepts of Econo	mics.								
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.									
J. To help the students to familiar with stock market terminologies.		6	Urc						
Unit: I Dasies of Investment Investment: Magning, Importance Eactors influencing Investment, Colden Pul	as of	0	tment						
- Investment Selection Criteria - Types of Investment Plans - Advantages - Disc	es or . advan	tages	linein						
Unit: II Securities and Debentures	uu van		Hrs						
Meaning – Types: Shares – Government Securities – Derivative Products – Debe	nture	s: Me	aning -						
Difference between Shares and Debentures – SEBI: Objectives – Functions - Mu	tual F	unds							
Unit: III Primary Market		6	Hrs						
Meaning – Need for Issue Shares – Kinds of Issues of Shares – Key Terms: Face	Valu	e – Is	sue						
Price – Cut-Off Price – Floor Price – Price Band – Prospectus.									
Unit: IV Secondary Market		6	Hrs						
Meaning - Role - Difference between the Primary Market and Secondary Marke	t - St	ock							
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 – Dividen	ds – F	Rollin	g						
Settlement – Off Market Settlement – Pay-In and Pay-Out Short Delivery – Bad	Deliv	ery –	1						
Portfolio – Contract Note – Bull Market – Bear Market – Sideways Market – Sm Mid Can Stacka, Lange Can Stacka, Day Trading, Derivatives Trading, A.C.	all-ca	p Sto	CKS - D1						
Mid-Cap Stocks – Large-Cap Stocks – Day Trading – Derivatives Trading – A G	roup	Snare	S - BI						
Value Stock – Under Valued Stock	p Sha	les -	Over						
Total Lecture	Нош	·s 3	0						
Books for Study:	mour	5 5	0						
1. Jitendra Gala(2007), "Guide to Indian Stock Market", Buzzing Stock Publishir	ng Ho	use '.	3rd						
Edition.	0								
Book for Reference:									
1. Angshuman Adhikari (2018), "Basics of Indian Stock Market", Kindle Ed	lition								
2. Shoba Nahar (2017), "ABCD of Indian Stock Market: Stock Market Begi	nners	Guid	le",						
Kindle Edition.									
3. Robert T. Kiyosaki (1997), "Rich Dad Poor Dad", <u>www.motsach.info.</u>									
Web Resources:	T		,						
1. Investopedia. "Wargin I rading" Investopedia. "How Dividends Work for	Inves	stors	,						
<u>www.investopedia.com.</u> 2 Investopedia "Investing 101" Investopedia "ETE Strategies" www.inve	store	dia aa	m						
2. Investopedia. Investing for investopedia. ETF strategies, <u>www.llive</u>	stope		<u>, , , , , , , , , , , , , , , , , , , </u>						
Academic Council Meeting Held on 17.05.2022		Day	TA 58						

COURSE O	COURSE OUTCOME				
On successful					
CO1:	Understand the magnitude of investment.	Up to K2			
<b>CO2:</b>	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	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>
CO 1	3	1	1	3	3	2
CO 2	3	2	1	1	2	2
CO 3	3	3	2	3	3	2
<b>CO 4</b>	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	Hrs	Mode
	<b>Basics of Share Market</b>		
	Investment: Meaning- Importance – Factors influencing Investment-	3	Chalk
Ι	Golden Rules of Investment – Investment Selection Criteria – Types	3	&Talk,ppt
	of Investment Plans – Advantages – Disadvantages.		
	Meaning – Types: Shares – Government Securities – Derivative	2	
II	Products – Debentures: Meaning - Difference between Shares and	2	Chalk
	Debentures – SEBI: Objectives – Functions - Mutual Funds.	2	&Talk
	Meaning – Need for Issue Shares – Kinds of Issues of Shares – Key	4	Chalk
III	Terms: Face Value – Issue Price – Cut-Off Price – Floor Price – Price	2	&Talk
	Band – Prospectus.		Assignment
	Meaning – Role – Difference between the Primary Market and	3	Chalk
IV	Secondary Market - Stock Exchange - Stock Exchanges in India -	3	&Talk,ppt
	NSE – BSE – Index: Sensex –Nifty.		
	Bonus Issue – Stock Split- Buy Back – No-Delivery Period – Ex-Date	6	Chalk
	– Dividends – Rolling Settlement – Off Market Settlement – Pay-In		&Talk,
	and Pay-Out Short Delivery – Bad Delivery – Portfolio – Contract		Assignment
V	Note – Bull Market – Bear Market – Sideways Market – Small-cap		
v	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.		

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	FUN	DAMENTALS OF ECO	NOMICS					
Course Code	21UECN31					Р	С	
Category	Non Major Elective						2	
Nature of cours	se:	EMPLOYABILITY	SKILL ORIENTED	ENTREPH	RENE	URS	HIP	
COURSE OBJ	ECTI	<b>VES:</b> This course aims to	provide handful of know	ledge on the	e key	conc	epts	
of Economics.								
1. To guide the students to understand the subject matter of economics.								
2. To equip the	studer	its with knowledge on key	terms of economics.					
3. To enable the	stude	ents to distinguish the role	of government and privat	e sectors				
4. To guide the	studer	nts to grasp thorough know	ledge on government buc	lget				
5. To help the st	udent	s to categorize different ta	xation methods					
Unit: I Introdu	ction					6 Ho	ours	
Economics : M	leanin	g – Wealth, Welfare, an	d Scarcity Definitions –	- Subject N	Aatter	' – N	Aicro	
Economics and	Mac	ro Economics – Econom	nic Laws: Features and	Significanc	e – 1	Econ	omic	
Theory and Prac	ctice.							
Unit: II Funda	menta	al Concepts				6 Ho	ours	
Goods: Classific	cation	- Utility - Price - Value -	– Income – Wealth – Mar	ket – Inflat	ion –	Exch	ange	
Rate – Club Go	od –	Natural Monopoly – Non-	excludablity – Non-rivalr	y in consur	nptio	1 – P	ublic	
Good.								
Unit: III Public	and:	Private Sector				6 Ho	ours	
Different Econo	mic S	Systems: Capitalism – Soc	ialism – Communism – M	Aixed Econ	lomy.	The	Role	
of Government	– Pure	e Public Goods – Natural M	Monopolies - Externalities	5				
Unit: IV Budge	et					6 Ho	ours	
Meaning - Orig	in of	the Budget – Balanced an	d Unbalanced Budget - 7	Гiming – Р	roces	s – S	ize –	
Expenditures -	Reve	nue – Deficit – GDP ar	nd GDP Growth Rate. I	Deficit: Typ	bes –	Size	and	
Composition – 7	Fakea	ways on the budget.						
Unit: V Taxati	on an	d Fiscal Consolidation				6 Ho	ours	
Principles of Ta	xatior	n – Types and Composition	n of Taxes – The Laffer C	urve – Key	Term	ns:		
Ability to Pay P	rincip	le – Benefit Principle – Ca	apital Expenditure – Capit	al Receipt	– Dire	ect T	ax –	
Fiscal Deficit –	GDP	- Indirect Tax - Primary	Deficit – Progressive Inco	ome Tax – I	Propo	rtiona	al	
Income Tax – R	egres	sive Income Tax – Revenu	e Deficit – Revenue Expe	enditure – F	Reven	ue		
Receipt.								
			Total I	Lecture Ho	urs	30		
<b>Books for Stud</b>	y:							
1. Sathish Y.Deodhar, "Day-to-Day Economics", published by Random House India, 2012.								
<b>Book for Refer</b>	ence:							
1. James L	Rowe	e, "Finance and Developm	ent: Back to Basics", publ	lished by IN	MF, 2	017.		
2. Thomas	Sowe	II, "Basic Economics: A C	Common sense guide to th	ne economy	/" puł	olishe	ed by	
Basic bo	oks, l	New York, 2015.						
Woh Posouroo	•							
	vestor	nedia com						
2 https://c	CW m	it edu/educator/						
<b>2.</b> https://0		u.cuu/cuucal017						
COUR	COURSE OUTCOME K Level							
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On suc	cessful completion of the course, the student will be able to							
CO1:	Understand the subject matter of economics	Up to K2						
<b>CO2:</b>	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	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>
CO 1	3	3	3	3	2	3
CO 2	1	3	3	2	3	3
CO 3	3	3	3	3	2	3
<b>CO 4</b>	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	Hrs	Mode
	Fundamentals of Economics		
	Economics- Concepts-Definitions	2	Chalk &Talk,
Ι	Subject Matter	2	ppt
	Features and significance	2	
т	Eundomontol Torma	6	
11	Fundamental Terms		Chalk &Talk
	Economia Systems	2	
III	Polo of Covernment Externalities	4	Chalk &Talk
	Kole of Government - Externancies		Assignment
		2	
137	Budget: Meaning, Types	4	Chalk
11	Budget Components		&Talk,ppt,
	Duringinlag of Toyotion, Types, Loffer Cyrys	3	Chalk &Talk,
V	Voy Terms	3	Assignment
	Key Terms.		-

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

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





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

Course Name	INT	ERNATIONAL ECONC	OMICS				
Course Code	<b>21</b> U	21UECC41 L P C					
Category	Cor	Core 5					
Nature of cour	se:	EMPLOYABILITY	SKILL ORIENTED	ENTREPH	RENE	URS	HIP
COURSE OBJ	IECT	IVES:					
This course int	tends	to through some light on	International Economic	cs.			
1. To make the	stude	ents to differentiate internal	I trade and International T	rade			
2. To facilitate t	the stu	idents to gain depth knowl	edge on theories of foreig	in trade.			
3. To equip the	stude	nts to understand the free t	rade and terms of trade co	oncepts.			
4. To facilitate t	ne su	tudents to comprehend the t	e need for Regional Grou	ninge			
Jinit. I Int	rodu	ation	e need for Regional Orou	pings.		15	Hours
Meaning Sci	ope c	of International Economic	s Importance Diffe	aranca hatu	veen .	Interr	al and
International T	'rade-	Advantages of Internatio	onal Trade – Features o	of Internal	and	Interr	ational
Market	raue-	Advantages of Internation	Shar Trade – Teatures (	n memai	and	men	ational
Unit: II The	eories	s of Foreign Trade				15	Hours
Absolute	$e \cos \theta$	t Advantage Theory - Cor	mparative Cost Advantag	e Theory –	Oppo	ortuni	tv Cost
Theory – Mod	dern	Theories: Factor Proport	tions Theorem – Leont	ief Parado	с гру Х —	Facto	or-Price
Equalization Th	neorer	n.					
Unit: III Ter	rms o	f Trade				15	Hours
Meaning	g – T	ypes – Factors affecting	Terms of Trade – Terms	of Trade in	unde	erdev	eloped/
developing cour	ntries	– Free Trade: Meaning –	Advantages and Disadva	intages – D	iffere	nt pro	otection
measures - Free	e Trac	le versus Protection.					
Unit: IV For	reign	Exchange Market				15	Hours
Meaning	g – In	nportance of Foreign Excl	nange Rate – Mint Parity	Theory – I	Purch	asing	Power
Parity Theory -	– Bala	ance of Payments and Bal	ance of Trade Types and	l Causes of	Dise	quilib	rium –
Methods of Cor	rectin	g Disequilibrium.					
Unit: V Int	ernat	ional Organizations and	Regional Groupings			15	Hours
IMF - IBRD - IBRD	ADB	– WTO – European Union	n - SAARC - BRICS - AS	SEAN: Obj	ective	es and	
Functions					_		
	•		Tota	al Lecture F	lours	75	Hours
Books for Stud	ly:	<b>5</b> ) Internetic and Elements	- Main I. Dellissiis an Ded	T 4 1 NT	D.11	•	
1. Jningan, M.L.	2,(200	5) International Economics	s, vrinda Publications Pvi	t. Lta., New	Dein	1.	
Monnur H (10)		Si International Economica"	Vilea Dublishing House	Dut Itd N		.1h.;	
Mannur, H, (1998) "International Economics", Vikas Publishing House Pvt. Ltd, New Delhi. Mithani, D (1998) "International Economics", Ulimalaya Dublishing House, New Delhi							
Velavitham 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	s:						
	FCON	Æ				17.1	[
COURSE OUT						<b>N</b>	Level

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At the	end of the course, students will be able to	
CO1:	differentiate internal trade and International Trade.	Up to K3
<b>CO2:</b>	gain depth knowledge on theories of foreign trade.	Up to K4
CO3:	understand the free trade and terms of trade concepts.	Up to K4
<b>CO4:</b>	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	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	PO 4	<b>PO 5</b>	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	Hrs	Mode
	International Economics		
	International Economics: Scope, Importance	5	Chalk &
Ι	Difference between Internal and International Trade	5	Talk, PPT
	Advantages, Features of Internal and international market	5	
	Absolute Cost Advantage Theory, Comparative Cost Theory,	6	Chalk &
II	Opportunity Cost Theory	9	Talk, PPT
	Modern Theories		
	Terms of Trade: Meaning, Types and factors affecting ToT	6	Chalk &
тт	Free Trade: Concept, Advantages and disadvantages	4	Talk, PPT
111	Protection measures, Free Trade versus Protection	5	
	Foreign Exchange, Importance, Theories	6	Chalk &
IV	Balance of Payments and Balance of Trade	4	Talk, PPT
	Types and causes of disequilibrium	5	Assignment
	International Organizations, Regional groupings: Objectives and	15	Chalk &
V	Functions		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)							
			Sectior	n A	Section	B	Section C	Section D
Inte	Cos	K L ovol	MCQ	ls	Short Ans	swers	Fither or	Open
rnal	COS	K Level	No. of.	K –	No. of.	K -	Chains	Chain
			Questions	Level	Questions	Level	Choice	Choice
CI	CO1	Up to K3	2	K1,K2	1	K1	2	1
AI	CO2	Up to K3	2	K1,K2	2	K2	2	1
CI	CO3	Up to K4	2	K1,K2	1	K1	2	1
AII	<b>CO4</b>	Up to K4	2	K1,K2	2	K2	2	1
		No. of						
		Questions to be	4		3		4	2
		asked						
		No. of						
Que	estion	Questions to be	4		3		2	1
Pat	tern	answered						
CIA	I & II	Marks for each	1		2		5	10
		question	1		2		5	10
		Total Marks						
		for each	4		6		10	10
		section						

	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 %
	K1	2	2	-	-	4	8	60
	K2	2	4	10	10	26	52	00
CIA	K3	-	-	10	10	20	40	40
I	K4	-	-	-	-			40
-	Marks	4	6	20	20	50	100	100
	K1	2	2			4	8	40
	K2	2	4	10		16	32	40
CIA	K3			10	10	20	40	40
II	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.

Sumn	Summative Examination – Blue Print Articulation Mapping – K Level with Course Outcomes							
	(COs)							
		V	MC	Qs	Short An	swers	Section C	Section D
S.No	COs	K -	No. of	K –	No. of	K –	(Either /	(Open
		Level	Questions	Level	Question	Level	or Choice)	Choice)
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. o	of Quest	ions to be	10		5		10	5
	Aske	ed	10		Ŭ		10	e
No.c	of Questi	ions to be	10		5		5	3
	answe	red	10		5		5	5
Marks for each question		1		2		5	10	
Total Marks for each		10		10		25	20	
	sectio	on	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			17	5.83	22	
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: Hig of K lev	NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels.							

Section	A (Mu	ltiple Cho	ice Questions)
Answei	r All Q	uestions	(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 (Sho	ort Answer	·s)
Answei	r All Q	uestions	(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 (Eit	her/Or Ty	pe)
Answei	r All Q	uestions	(5  x  5 = 25  marks)
Q.No	CO	K Level	Questions
16) a	COl	K2	
16) b	COI	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	<u>CO5</u>	K3	
20) b	<u>CO5</u>		
NB: Hi	gher le	vel of perf	ormance of the students is to be assessed by attempting higher
level of	K leve	IS Chaire	<u></u>
Answe	n Any '	en Unoice, Three que	) stions (3x10-30 morks)
		K L ovol	Ouestions (JAIU-JU IIIarKS)
21	CO1	K LEVEI	Questions
21	CO1	K3	
22	$\frac{CO2}{CO3}$	KJ K/	
23	C03	K4	
25	CO4	K3	
23	005	Ц	

## **Summative Examinations - Question Paper – Pattern**



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

Course Name	MATHEMATICAL METHO	DDS- II									
Course Code	21UECC42		L	Р	С						
Category	Core			4	-	4					
Nature of cours	e: EMPLOYABILITY	SKILL ORIENTED	ENTREPF	RENE	URS	HIP					
COURSE OBJECTIVES: Enhance the students calculation skill and understanding capacities											
<ol> <li>To help the students to understand the concepts and types of matrix.</li> <li>To make the students to apply analytical geometry to measure the distance.</li> <li>To mold the students to make use of differential calculus for optimization problems.</li> <li>To equip the students to manipulate the partial and total differentiation problems</li> <li>To enhance the students to estimate the producers' surplus and consumers' surplus</li> </ol>											
Unit: I Mat	rices				12 H	ours					
Matrix – Meani Determinants – Matrix – Solving	ng – Type – Operations (Addir Properties – Transpose of a Ma simultaneous equation by Invest	tion, Subtraction and M atrix – Inverse of a matri rse Matrix Method and C	lultiplicatio x – Co-fac ramer's Ru	ons of tor an le.	Mat Mat	rix) – l-joint					
Unit: II Ana	lytical Geometry of Two Dime	ensions			12 H	ours					
Straight Line: D slope form, Slop lines- Perpendic	istance between two points – H be - Intercept form. Point of In Ilar lines.	Equations of a straight lin tersection of two lines –	ne: Two po Concurren	oint fo nt line	orm, es- Pa	point- arallel					
Unit: III Diff	erential Calculus				12 H	ours					
Limits and Cont Calculations usi Finding out MR	nuity - Basic rules of differentian ng addition, subtraction, produ and MC from TR and TC – Opt	ation – First and second o uct, quotient and function timum Values of functions	rder derivation of functions of One va	tives tion 1 riable	rule -	-					
Unit: IV Par	and an anatial derivatives Total	Differentiation	Duchlama	Enl	<u>12 H</u>	ours					
Theorem. Optim	um values of functions of two v	ariables.	- (oblems)	- Eur	51 8						
Unit: V Inte	gral Calculus				12 H	ours					
Meaning / Integral – Estima Producer's Surp	Definition – Basic rules of integ ttion of TR and TC from MR an us.	gration – Calculation (Sim ad MC – Calculation of Co	ple Probler	ns) – Surpl	Defin us and	nite d					
		Total L	ecture Ho	urs	60 H	ours					
<ul> <li>Book for Study:</li> <li>1. Mehta,B.C.andMadnani,G.M.K,(2003), Mathematics for Economists, Sultan Chand &amp;Sons, NewDelhi.</li> <li>2. Aller P.C.D. (1086). Mathematical Analysis for Economists of the Maximum Statement of the Statement of</li></ul>											
Book for Refere	ence:	,	,_0								
<ol> <li>BoseD,(2007), An Introduction to Mathematical Methods, Himalaya Publishing House, Mumbai</li> <li>A.C Chiang and Kevin Wainwright, (2015), <i>Fundamentals Methods of</i> Mathematical Economics. McGrawHill, UK</li> </ol>											
Web Resources											
COURSE OUT	COME				K Le	evel					
				1							

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

### CO & PO Mappings:

CO/PO	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	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				
	Matrix – Meaning – Type – Operations (Addition, Subtraction and Multiplications of Matrix)	4	Chalk & Talk.				
Ι	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					
п	Straight Line: Distance between two points – Equations of a straight line: Two point form, point-slope form, Slope - Intercept form.	6	Chalk & Talk, PPT				
	Point of Intersection of two lines – Concurrent lines- Parallel lines- Perpendicular lines.						
	Limits and Continuity - Basic rules of differentiation – First and second order derivatives	4	Chalk & Talk, PPT				
III	Calculations using addition, subtraction, product, quotient and function of function rule –	4	Seminar				
	functions of One variable.	4					
IV	First and second order partial derivatives – Total Differentiation (Simple Problems) – Euler's Theorem.	4	Chalk & Talk. PPT				
	Optimum values of functions of two variables.	4	/				
	Meaning / Definition – Basic rules of integration – Calculation	5	Chalk &				
V	(Simple Problems) Definite Integral – Estimation of TR and TC from MR and MC –	4	Talk, PPT Assignment				
	Calculation of Consumer's Surplus and Producer's Surplus.	5	rssignment				

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

Dr.J.Devikarani, Assistant Professor of Economics.

	Learning Outcome Based Education & Assessment (LOBE)										
Articulation Mapping – K Levels with Course Outcomes (COs)											
			Section	n A	Section	B	Section C	Section D			
Inte	Cos	K Level	MCC	2s	Short Ans	swers	Either or	Open			
rnal	005		No. of.	K –	No. of.	K -	Choice	Choice			
			Questions	Level	Questions	Level	Choice	Choice			
CI	CO1	Up to K3	2	K1,K2	1	K1	2	1			
AI	CO2	Up to K4	2	K1,K2	2	K2	2	1			
CI	<b>CO3</b>	Up to K3	2	K1,K2	1	K1	2	1			
AII	<b>CO4</b>	Up to K4	2	K1,K2	2	K2	2	1			
		No. of Questions to be	4		3		4	2			
		asked									
Question Pattern CIA I & II	estion tern	No. of Questions to be answered	4		3		2	1			
	1 & 11	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 %				
	K1	2	2	-	-	4	8	60				
	K2	2	4	10	10	26	52	00				
СІА	K3	-	-	10	10	20	40	40				
I	K4	-	-	-	-			40				
-	Marks	4	6	20	20	50	100	100				
	K1	2	2			4	8	40				
	K2	2	4	10		16	32	40				
CIA	K3			10	10	20	40	40				
II	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)											
		V	MC	Qs	Short An	swers	Section C	Section D			
S.No	COs	K -	No. of	K –	No. of	K –	(Either /	(Open			
		Level	Questions	Level	Question	Level	or Choice)	Choice)			
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 Quest Aske	ions to be d	10		5		10	5			
No.of Questions to be answered		ions to be red	10		5		5	3			
Marks for each question		1		2		5	10				
Total Marks for each section		10		10		25	30				
	(Figure	s in parenth	esis denotes.	questions s	should be as	ked wit	h 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	22					
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: Hig of K lev	NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels.											

Section	A (Mul	tiple Choice	e Questions)
Answei	r All Qu	iestions	(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 (Shor	rt Answers)	
Answer	All Qu	estions	(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 (Eith	er/Or Type	
Answer	All Qu	estions	$(5 \times 5 = 25 \text{ marks})$
<b>Q.No</b>	<u>CO</u>	K Level	Questions
16) a	COI	K3 K2	
10) D	C01	K5 V4	
$\frac{17}{a}$	C02	K4 K4	
$\frac{17}{0}$	$CO_2$	K4 K2	
10) a	CO3	K3	
10) 0	$CO_{1}$	K/	
19)a	C04	K4	
20)a	CO5	K3	
20) h	CO5	K3	
NB: Hig	her lev	el of perfor	mance of the students is to be assessed by attempting higher level of K
levels	<b>-</b>		
Section	D (Ope	n Choice)	
Answei	r Any T	hree questi	ons (3x10=30 marks)
Q.No	ĊŎ	K Level	Questions
21	CO1	K3	
22	$\overline{CO2}$	K4	
23	CO3	K3	
24	CO4	K4	
25	CO5	K3	

## **Summative Examinations - Question Paper – Pattern**



## 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	Р	С						
Category Allied	Allied 5 -								
Nature of course:EMPLOYABILITYSKILL ORIENTEDENTREPRE	ENEU	RSH	IP						
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 H	[arassi	ment.							
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 - Ro	ole of	wom	en in						
economic development - Women in development (WID) - Women and Develop	ment	(WA	D) -						
Gender and Development (GAD).			,						
Unit: II Women and Society		15	hrs						
Gender division of labor - Gender as power relation - Role of institutions -Gender	roles a	and s	ocial						
relations – Social dimensions of hierarchical power relations in institutions -Status of me	n and	wom	en in						
society.									
Unit: III Women Empowerment		15	hrs						
Gender in relation to Neo liberalism – Role of Women in Education – Organization – Politic	cal - A	cquiri	ng						
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	Place	es - S	cope						
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 In	ndex-	Para	digm						
shift from Women's wellbeing to Women's Empowerment - Democratic dee	centra	lizati	on -						
Empowerment through Self-Help group- Future policies for women empowerment.									
Total Lecture H	Iours	75							
Books for Study:									
1. Lourdes Beneria,(2015) "Gender, Development & Globalisation", 2 <sup>nd</sup> Editi	on., 1	Routl	edge						
Publishing House, USA.									
Book for Reference:		1 77							
1. Boserup, E,(1970) "Women's Role in Economic Development", George All	len ar	nd U	nwın						
2 Desai N and MK Rai (Eds) (1979) "Women and Society in India" SNI	DT T	Inive	rsitv						
Bombay.			isity,						
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 Le	vel						

On suc	cessful completion of the course, the student will be able to	
<b>CO1:</b>	understand the recent trends of women's development.	K3
<b>CO2:</b>	realize the share of women in society upliftment.	K4
<b>CO3:</b>	Analyze the capacity of women in different sectors.	K4
<b>CO4:</b>	summarize the abolition of violence and sexual harassment.	K4
CO5.	remember the different policies of government for financial independency of	K A
005.	women.	N4

### CO & PO Mappings:

CO/PO	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	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
	Gender: meaning – Classification – Patriarchal Society and Matriarchal Society - Role of women in economic development -	5	Chalk and
Ι	Women in development (WID) - Women and Development (WAD) -	5	Video
	Gender and Development (GAD).	10	Lectures
	Gender division of labor - Gender as power relation - Role of	5	Chalk and
п	institutions		Talk, PPT
	Gender roles and social relations – Social dimensions of hierarchical	10	Seminar
	power relations in institutions –Status of men and women in society.		
	Gender in relation to Neo liberalism - Role of Women in Education -		Chalk and
ш	Organization – Political - Acquiring different professions- Women	8	Talk, PPT
111	Entrepreneurship: Problem – Success Stories.		Assignment
		7	
	Gender violence and sexual harassment: Meaning – Sexual	7	
117	Harassment in Working Places –		
1 V	Scope of violence in India – Policies to Protect Women.	8	Chalk and
			Talk, PPT
	Gender Equity Index – Gender Inequality Index –Gender Related	5	Chalk and
	Development Index		Talk, PPT
V	Paradigm shift from Women's wellbeing to Women's Empowerment	10	
	Democratic decentralization - Empowerment through Self-Help		
	group- Future policies for women empowerment.		

Course Designed by Dr. R. Alagesan, Assistant Professor of Economics. Dr. S. Palani, Associate Professor & Head.

	Learning Outcome Based Education & Assessment (LOBE)							
	Articulation Mapping – K Levels with Course Outcomes (COs)							
_			Section	n A	Section	B	Section C	Section D
Inte	Cos	K Level	MCC	<b>)</b> s	Short Ans	swers	Either or	Open
rnal	0.05		No. of.	<b>K</b> -	No. of.	<b>K</b> –	Choice	Choice
			Questions	Level	Questions	Level	Choice	
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	<b>CO4</b>	Up to K4	2	K1,K2	1	K2	2	1
		No. of Questions to be	4		3		4	2
		asked						
Que Pat	estion tern	No. of Questions to be answered	4		3		2	1
	1 & 11	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 %
	K1	2	4	-	-	6	12	60
	K2	2	2	10	10	24	48	00
СІА	K3	-	-	10	10	20	40	40
	K4	-	-	-	-			40
-	Marks	4	6	20	20	50	100	100
	K1	2	2			4	8	40
	K2	2	4	10		16	32	40
CIA	K3			10	10	20	40	40
II	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.

Summ	Summative Examination – Blue Print Articulation Mapping – K Level with Course Outcomes							
				(COs	)			
		V	MC	Qs	Short An	swers	Section C	Section D
S.No	COs	K -	No. of	K –	No. of	K –	(Either /	(Open
		Level	Questions	Level	Question	Level	or Choice)	Choice)
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 Questi	ons to be	10		5		10	
	Aske	d	10		3		10	3
No.	of Questi	ons to be	10		5		5	3
	answer	ed	10		5		5	3
Marks for each question		1		2		5	10	
Total Marks for each		10		10		25	30	
section			10		10		23	50
	(Figures	in parenthe	esis denotes.	auestions s	should be as	ked wit	h the given K	level)

		D	istribution 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	22
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: Hig of K lev	gher level of p els.	erformance o	of the students	s is to be asse	essed by a	attempting	higher level

Section	A (Mul	tiple Choice	e Questions)
Answer	All Qu	estions	(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 (Shor	rt Answers)	
Answer	All Qu	estions	(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 (Eith	er/Or Type	)
Answer		estions	(5  x  5 = 25  marks)
Q.No	CO	K Level	Questions
16) a	COI	K2	
16) b	COI	K2	
1/) a	CO2	K3	
1/) b	CO2	K3	
18) a	CO3	K3	
18) D	CO3	K3 K2	
19) a	CO4	KJ V2	
19)0	C04	K3 K2	
20) a	C05	K3 V2	
20)0 NB, H;	ther low	ol of porfor	manga of the students is to be assessed by attempting higher level of K
lavols	gher lev		mance of the students is to be assessed by attempting higher level of K
Section	D (One	n Choice)	
Answer	Anv T	n enoice) pree questio	(3x10=30 marks)
O.No	CO	K Level	Ouestions
21	CO1	K2	<u> </u>
22	CO2	K4	
23	CO3	K3	
24	CO4	K4	
25	<b>CO5</b>	K3	

## Summative Examinations - Question Paper – Pattern



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

Course Name	ECC	NOMICS FOR COMPI	ETITIVE EXAMINATIO	ONS			
Course Code	<b>21</b> U	ECS41			L	Р	С
Category	Skill				2	-	2
Nature of cours	se:	EMPLOYABILITY	SKILL ORIENTED	ENTREPF	RENE	URS	HIP
COURSE OBJ	ECTI	<b>VES:</b> This course aims to	offer handful of knowled	ge and cont	fident	to m	leet
competitive exa	ms.						
1. To enable the students to understand the preliminary concepts of Micro Economics.							
2. To Equip th	le stuc	dents to remember the key	concepts in Macro Econo	omics.	niac		
5. TO Ellable t	ne stu	lents to comprehend a ou	on International Econom		mes.		
5 To help the	stude	nts to figure out the anator	ny of Indian Economy	1105.			
Unit: I Indian	Econo	mus to figure out the unator	ing of matan Leonomy			6 Ha	ours
Indian Economy	/: Nati	ure - Structure – Five vear	plan models – an assessn	nent – Plani	ning	• •	Juis
Commission and	d Niti	Avog.			8		
Unit: II Reform	ns in l	Indian Economy				6 Ho	ours
Employment Ge	enerati	on, Land reforms and Agi	riculture - Application of	Science and	l Tech	nolo	gy
in agriculture - ]	[ndust	rial growth - Rural welfare	e oriented programmes –	Social prob	lems -	_	
Population, edu	cation	, health, employment and	poverty.				
Unit: III Federal Finance6 Hours					ours		
Sources of reve	enue -	- Reserve Bank of India	a – Fiscal Policy and M	lonetary Po	olicy	- Fin	ance
Commission – H	Resour	ce sharing between Unior	and State Governments -	- Goods and	l Serv	ices '	Tax.
Unit: IV Forei	gn T	rade			_	<u>6 Ho</u>	ours
Salient features o	f India	's foreign trade - Composition	on, Direction and Organisati	on of trade -	Rece	nt cha	anges
In trade - Balance	oi pag	itions - Tariff policy - Excr	lange rate - India and w IO	requirements	s.	6 Ua	
Unit. V Giobai	ing wi	th economic aspects - World	Bank – IMF – WTO – AD	$B = G_{-}20 = 10^{-10}$	BRIC	<u>5 – 2 – 2 – 2 – 2 – 2 – 2 – 2 – 2 – 2 – </u>	Juis
SAARC – ASEA	N	the containe aspects work		020	DIGC	5	
			Total I	Lecture Ho	urs	30	
<b>Books for Stud</b>	y:						
1. Sangarganesh	n Karu	ppiah (2020), "Indian Ecc	nomy Key Concepts", Siz	xth Edition,	Mc (	Graw	Hill
India, New Dell	ni.						
<b>Book for Refer</b>	ence:						
1.Mithani, D.M.	.,(201	6)"Money, Banking, Inter	national trade & Public fin	nance", Hin	nalaya	a	
Publishing Hou	Publishing House, Mumbai.						
2. Paul Krugman, Maurice Obstield, and Marc Melitz, (2012), "International Economics: Theory							
and Policy, Addison-Wesley (Pearson Education Indian Edition), 9th edition.							
5. Duit and Sundaram, (2015) "Indian Economy", S.Chand Company Limited, New Delhi. 4. Uma Kapila (2017) "Indian Economy, Policy and Performance" Himalaya Dublishing House							
Mumbai	4. Ullia Kapila,(2017) "Indian Economy, Policy and Performance" Himalaya Publishing House, Mumbai					<b>`</b> ,	
Web Resources	3						
	,						
COURSE OUT	COM				K	Lev	el
On successful c	omple	tion of the course, the stud	tent will be able to				
CO1: understa	and th	e preliminary concepts of	Micro Economics.			K	2

<b>CO2:</b>	remember the key concepts in Macro Economics.	K2
CO3:	comprehend a outlook on Monetary and Fiscal Economics	К2
CO4:	recall the concepts on International Economics	К2
CO5:	figure out the anatomy of Indian Economy	K2

#### CO & PO Mappings:

CO/PO	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>
CO 1	3	3	2	1	2	2
CO 2	3	2	2	2	3	3
CO 3	3	2	2	2	2	3
<b>CO 4</b>	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	Hrs	Mode
	<b>Basics of Share Market</b>		
т	Indian Economy: Nature - Structure - Five year plan models - an	5	Chalk
1	assessment – Planning Commission and Niti Ayog.	1	&Talk, ppt
	Employment Generation, Land reforms and Agriculture - Application	5	
т	of Science and Technology in agriculture - Industrial growth - Rural		Chalk
11	welfare oriented programmes - Social problems - Population,	1	&Talk, ppt
	education, health, employment and poverty.		
	Sources of revenue - Reserve Bank of India - Fiscal Policy and	5	Chalk
III	Monetary Policy - Finance Commission – Resource sharing between	1	&Talk
	Union and State Governments - Goods and Services Tax.		Assignment
	Salient features of India's foreign trade - Composition, Direction and	5	Chalk
IV	Organisation of trade - Recent changes in trade - Balance of payments -	1	&Talk,ppt
	Tariff policy - Exchange rate - India and WTO requirements.		
	UN agencies dealing with economic aspects - World Bank - IMF - WTO -	5	Chalk
V	ADB – G-20 – BRICS – SAARC – ASEAN	1	&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	BUE	BUDGETARY ANALYSIS						
Course	Code	<b>21</b> U	1UECN41LPC						
Catego	ry	Non	Major Elective			2	-	2	
Nature	of cours	se:	EMPLOYABILITY	SKILL ORIENTED	ENTREPH	RENE	URS	HIP	
COUR	SE OBJ	ECTI	VES: This course aims to	provide handful of know	ledge on the	e key	conc	epts	
of Econ	nomics.								
1. To g	uide the	studer	nts to assess the role of buc	lget in an economy.					
2. To	equip th	e stud	ents to Understand the key	y terms of budget.					
3. To	enable tl	he stu	dents to familiar with budg	getary procedures.					
4. To	make aw	vare th	ne students to enactment o	f budget.					
5. To	help the	stude	nts to understand the role	of local finance in sustain	able develo	pmen	t.		
Unit: I	Introdu	ction				6	Hou	rs	
Budget	: Meanin	g - Do	efinition – Importance – F	eatures – Objectives - Typ	pes. Budget	ary Po	olicy	-	
Budgeta	ary Tren	d in Ir	ndia since Independence.						
Unit: I	I Comp	onent	ts of Budget			6	Hou	rs	
Revenu	e Budge	t: Rev	venue Receipts – Tax Rev	enue – Non Tax Revenue	- Direct T	'ax an	d Inc	lirect	
Tax - R	Revenue	Exper	diture – Capital Budget: C	Capital Receipts – Capital	Expenditur	e.			
Unit: III Budgetary Procedures6 Hours					rs				
Budgeta	ary Proc	edures	s – Preparation of the Bud	get – Rules to be followe	d in the pre	eparat	ion c	of the	
budget	– Framir	ng of t	he budget – FRBM Act.	-	-	-			
Unit: I	Unit: IV Enactment of Budget6 Hours					rs			
Enactm	ent of E	Budge	t – The voting of the bu	udget - Execution of the	e Budget –	Parl	iame	ntary	
Control	over Fir	nance	- Financial Administration	n – Guiding Principles of	Financial A	dmin	istra	tion	
Unit: V	<b>Local</b>	Finan	ice			6	Hou	rs	
Meanin	g of Loc	al Fin	ance – Village Panchayat	– Panchayat Samiti – Zila	1 Parishad –	Mun	icipa	lities	
– Munie	cipal Cor	rporat	ions – Finances of Local E	Bodies.					
				Total Le	cture Hou	rs 3	0		
Books f 1. S.P. Co.,Nev	for Stud Ganguly w Delhi.	<b>y:</b> (2000)	), "Fundamentals of Gove	rnment Budgeting in Indi	a", Concept	. Publ	ishin	g	
Book fo	or Refer	ence:							
1. Ja	ames L.F	Rowe,	"Finance and Developme	nt: Back to Basics", publi	shed by IM	F, 20	17.		
2. T	Thomas S	Sowel	l, "Basic Economics: A C	common sense guide to the	ne economy	" puł	olishe	ed by	
Basic books, New York, 2015.									
We	h Resou	rces							
COURSE OUTCOME K Level						<b>'el</b>			
On succ	cessful co	omple	tion of the course, the stud	lent will be able to					
CO1:	Guide tl	he stu	dents to assess the role of	budget in an economy.			K	2	
CO2:	Equip th	ne stud	dents to Understand the ke	y terms of budget.			K	2	

CO3:	Enable the students to familiar with budgetary procedures.	К2
CO4:	Make aware the students to enactment of budget.	К2
CO5:	Help the students to understand the role of local finance in sustainable development.	K2

#### CO & PO Mappings:

CO/PO	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	PO 4	<b>PO 5</b>	<b>PO 6</b>
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	Hrs	Mode
	Budgetary Analysis		
	Budget: Meaning - Definition – Importance – Features – Objectives -	3	Chalk
Ι	Types. Budgetary Policy – Budgetary Trend in India since	3	&Talk,ppt
	Independence.		
	Revenue Budget: Revenue Receipts – Tax Revenue – Non Tax	6	
II	Revenue – Direct Tax and Indirect Tax – Revenue Expenditure –		Chalk
	Capital Budget: Capital Receipts – Capital Expenditure.		&Talk
	Budgetary Procedures – Preparation of the Budget – Rules to be	2	
ш	followed in the preparation of the budget – Framing of the budget –	4	Chalk
111	FRBM Act.		&Talk
			Assignment
	Enactment of Budget – The voting of the budget – Execution of the	3	
IV	Budget – Parliamentary Control over Finance – Financial	3	Chalk
1 V	Administration – Guiding Principles of Financial Administration		&Talk,ppt
		-	
	Meaning of Local Finance – Village Panchayat – Panchayat Samiti –	2	
V	Zila Parishad – Municipalities – Municipal Corporations – Finances of	4	Chalk
	Local Bodies.		&Talk,
			Assignment

Course Designed by: Dr.S.Vigneswaran, 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	MACRO ECONOMICS-I						
Course Code	21UECC51	L	Р	С			
Category	Core			6	-	4	
Nature of course:EMPLOYABILITYSKILL ORIENTEDENTREPREN							
<b>COURSE OBJECTIVES:</b> This paper explores the basic concepts and theories Economics.							
<ol> <li>To Understand the Concepts of Macro Economics.</li> <li>To assess the Measurement of National Income.</li> <li>To evaluate the Theories of Employment.</li> <li>To analyze the different Theories of Consumption Function.</li> <li>To remember Keynesian Consumption Function.</li> </ol>							
Unit: I Nature	and Scope of Macro Econon	nics					
Meaning – Sco and Limitations Four Sector Mo	pe - Difference between Mic – Static and Dynamic - Circ <mark>dels</mark>	ero and Macro Economics ular Flow of Income: Two	– Importan – Three a	nd	18 H	ours	
Unit: II Nation	al Income						
Concept and De Personal Income GNP, NNP and computation of I	efinition: National Income - 1 e- Real Income – GDP – <mark>Dif</mark> l <mark>NNI</mark> – Methods of Measu National Income – National Ir	Per-capita income – Dispose ference between GDP and pring National Income – Income and Social Welfare –	able Incom Green GDI Difficulties Uses.	ne- 2 - in	18 H	ours	
Unit: III Theor	ies of Employment						
Meaning-Full E Classical Theo Unemployment approach – A Co	Employment - Under Employ ry of Employment: Say's – Keynesian theory of Ep omparison of Classical and Ke	Dyment – Kinds of Uner Law of Market – Pigo mployment – Savings and cynesian Theory of Employn	nployment u's view d Investme nent.	of ent	18 H	ours	
Unit: IV Keyne	sian Consumption Function						
Reynesian Psyc Propensity to co Effective demar	bological Law of Consumptionsume – APC and MPC – and MPC	Determinants of Propensity	nes's Law to consum	ne,	18 H	ours	
Unit: V Investr	nent Function						
Investment func- between Auton Investment Fun Investment Den - Measurement.	tion – Meaning – Types – I omous Investment and Indu action – Marginal Efficienc and Schedule - Marginal Eff	Determinants of Investment liced Investment – Factors by of Capital and Rate of liciency of Investment (ME)	– Differen determini of Interest I) –Definiti	ng - on	18 H	ours	
		Total L	ecture Hou	rs	9	0	

#### **Books for Study:**

- 1. Sankaran .S, (2016), Macro Economics, Margham Publications.
- 2. JhinganM.L, (2014), Macro Economic Theory, Vrinda Publications Pvt. Ltd, 12<sup>th</sup> 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.
- Ahuja, H.L, (2007), Macro Economics Theory and Policy Advanced Analysis, S. Chand & Company Ltd, New Delhi.

#### Web Resources:

**COURSE OUTCOME** 

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

K Level

<b>CO1:</b>	Understand the Concepts of Macro Economics.	Up to K3
<b>CO2:</b>	Asses the Measurement of National Income.	Up to K4
CO3:	Evaluate the Theories of Employment.	Up to K4
<b>CO4:</b>	Analyze the different Theories of Consumption Function.	Up to K4
<b>CO5</b> :	Remember Keynesian Consumption Function.	Up to K4

#### CO & PO Mappings:

CO/PO	<b>PO 1</b>	PO 2	<b>PO 3</b>	PO 4	PO 5	<b>PO6</b>
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	Hrs	Mode
UNII	Macro Economics - I		
	Meaning – Scope - Difference between Micro and Macro Economics –	8	Chalk&
Ι	Importance and Limitations- Static and Dynamic - Circular Flow of	8	Talk,ppt
	Income: Two – Three and Four Sector Models	2	
	Concept and Definition: National Income - Per-capita income -		
	Disposable Income- Personal Income- Real Income - GDP -	6	Chalk&
II	Difference between GDP and Green GDP - GNP, NNP and NNI -	6	Talk,
	Methods of Measuring National Income – Difficulties in computation	6	ppt,Seminar
	of National Income – National Income and Social Welfare – Uses.		
	Meaning-Full Employment - Under Employment – Kinds of	6	Chalk&
	Unemployment - Classical Theory of Employment: Say's Law of	3	Talk,ppt,
III	Market - Pigou's view of Unemployment - Keynesian theory of	4	Discussion,
	Employment – Savings and Investment approach – A Comparison of	5	
	Classical and Keynesian Theory of Employment.		
	Keynesian Psychological Law of Consumption - Significance of	8	
<b>TX</b> 7	Keynes's Law – Propensity to consume – APC and MPC –	5	Chalk&
1V	Determinants of Propensity to consume, Effective demand.	5	Talk, ppt,
			Assignment
	Investment function – Meaning – Types – Determinants of Investment	10	
	– Difference between Autonomous Investment and Induced	3	Chalk&
<b>X</b> 7	Investment – Factors determining Investment Function – Marginal	5	Talk,
V	Efficiency of Capital and Rate of Interest - Investment Demand		ppt
	Schedule - Marginal Efficiency of Investment (MEI) – Definition –		
	Measurement.		

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									
	Art	iculation Ma	apping – K I	Levels w	ith Course (	Dutcom	es (COs)			
			Section	ı A	Section	n B	Section	Section		
Internal	Cos	K Level	MCQ	S	Short Ans	swers	C Either	D		
	COS	K Level	No. of. Questions	K - Level	No. of. Questions	K – Level	or Choice	Open Choice		
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	<b>CO4</b>	Up to K4	2	K2	2	K3	2(K3,K3)	1 (K4)		
	Que	No. of stions to be asked	4		3		4	2		
Question Pattern CIA I &	Que	No. of stions to be nswered	4		3		2	1		
II	Mar	ks for each question	1		2		5	10		
	Tota eac	al Marks for ch section	4		6		10	10		

		Dist	ribution of M	arks with	K Level (	CIAI&	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 %
	K1	2	4	-		6	12	60
	K2	2	2	10	10	24	48	00
СТА	K3	-	-	10	10	20	40	40
	K4	-	-	-		-	-	-
-	Marks	4	6	20	20	50	-	100
	K1	2	-	-		2	4	50
	K2	2	2	10	10	24	48	32
CIA	K3	_	4	10		14	28	28
II	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.

Sum	Summative Examination – Blue Print Articulation Mapping – K Level with Course Outcomes								
	(COs)								
			MCQs		Short An	swers	Section C	Section D	
S.No	COs	K - Level	No. of	K –	No. of	K –	(Either / or	(Open	
			Questions	Level	Question	Level	Choice)	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 Quest Aske	tions to be ed	10		5		10	5	
No.	of Quest answe	ions to be red	10		5		5	3	
Mark	ts for eac	ch question	1		2		5	10	
Tot	al Marks section	s for each	10		10		25	30	
	(Figur	es in parenth	esis denotes.	, questions	should be as	sked witl	h the given K l	evel)	

		D	istribution 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	41
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 lev	els.						

Section	A (Mu	ltiple Choi	ce Questions)
Answer	: All Qu	iestions	(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 (Sho	ort Answers	5)
Answer	<mark>: All Q</mark> u	iestions	(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 (Eitl	her/Or Typ	e)
Answer	<mark>: All Q</mark> u	iestions	(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: Hi	gher lev	vel of perfo	ormance of the students is to be assessed by attempting higher level of
K levels	S		
Section	D (Op	en Choice)	
Answer	Any T	hree quest	ions (3x10=30 marks)
Q.No	CO	K Level	Questions
21	<u>CO1</u>	K2	
22	CO2	<u>K3</u>	
23	<u>CO3</u>	K3	
24	CO4	K4	
25	CO5	K3	

## **Summative Examinations - Question Paper – Pattern**



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

Course Name	FISCAI	FISCAL ECONOMICS							
<b>Course Code</b>	21UECC52					Р	С		
Category	Core				6	-	4		
NATURE OF COURSE:		EMPLOYABILITY	SKILL ORIENTED	ENTREF	PRENURSHIP		HIP		
COURSE OBJ	<b>COURSE OBJECTIVES:</b> Make the students to acquire the adequate knowledge on scope,								
taxation and fis	scal polic	cy of public finance sy	ystem of an economy.						
<ol> <li>To acquaint the students with the nature and scope of public finance.</li> <li>To enable the students to understand the major sources of public revenue.</li> <li>To help the students to analyze the growth of public expenditure.</li> <li>To expose the students to understand methods of debt redemption.</li> <li>To gain knowledge on budget, fiscalpolicy and financecommission.</li> <li>Unit: I Introduction</li> </ol>									
Meanin Private and Pu of Government	Meaning – Definition – Scope of Public Finance – Distinguish betweenPrivate and Public Finance - Principle of Maximum Social Advantage – Roleof Government in Mixed Economy.								
Unit: IIPublic	Revenu			· T					
Meaning Canons of Ta Degressive Ta Capacity: Mea Advantages an	g – Sour axation xation – uning – d Disady	Types: Progressiv — Types: Progressiv Impact and Incidence Factors determining vantages.	ue –Direct and Indirec e, Proportional , Reg e - Shifting of Taxation TaxableCapacityGST:	t Taxes ressivean – Taxabl Concept	– d le -	18 H	ours		
Unit: III Publ	ic Exper	nditure							
Meanin – <mark>Expenditure</mark> Expenditure– C	g – Cl <mark>Peacock</mark> Comparis	assification – <mark>Caus</mark> wiseman Hypothesi son between Public an	es for the Growth s - Effects - Control d Private Expenditure.	of Publi of Publi	ic ic	18 H	ours		
Unit: IV Publi	ic Debt								
Meanin Burden of Put Debt in Under	Meaning – Sources of Public Borrowing – Classification - Importance – Burden of Public Debt – Methods of Debt Redemption – Growth of Public Debt in Under Developed countries.								
Unit: V Budge	et and <mark>F</mark> i	iscal Policy							
Budget Zero based B underdevelope and Recommen	: <mark>Meanin</mark> udget – d countr ndations	g – Principles of Budg Fiscal policy: Objecties ies – Centre and State of the 13 <sup>th</sup> and 14 <sup>th</sup> Fi	get – Qualities of a goo- ctives – Role of Fisca e Financial Relations – nance Commission.	d Budget lPolicy a Functior	n IS	18 H	ours		

Volume V – Arts Syllabus / 2	2023 -	2024
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	Total Lecture Hours	90						
Books	Books for Study:							
		_						
1. B.P.	Tyagi and H.P. Singh, (2019), – Public Finance, Jaiprakash Nath& Co, M	leerut.						
Books	for References:							
1 D:-1	A March (2017) Dublis Elements in Theorem 4 Duration McCours Will Ed							
1. <u>Rich</u>	ard Musgrave, (2017), Public Finance in Theory and Practice, McGraw Hill Edi	ucation; 5th						
edition								
2. Sun	daram.K.P. (2009). Public Finance Theory and Practice. S.Chand & Co. N	New Delhi.						
3. Bha	tia. (2009). Public Finance. New Century Book House. New Delhi.							
Baidva	math Misra. (2008). Economics of Public Finance. S.Chand & Co. New D	Delhi.						
4 Cau	very SudhaNavak (2008) Public Finance S Chand & Co New Delhi	•						
Web F	Pasources.							
WCDI	Cources.							
1.	https://www.masterypedia.com/2020/08/public-finance-and-its-significance-in.htm	<u>nl.html?m=1</u>						
2.	https://www.yourarticlelibrary.com/finance/public-revenue-meaning-tax-revenue	<u>-non-tax-</u>						
	revenue-with-classification-of-public-revenue/26277							
3.	https://www.economicsdiscussion.net/cost-accounting/budget/32753							
4	https://jasgatewayy.com/public-finance/							
EXPE	CTED COURSE OUTCOME	K Level						
On suc	cessiul completion of the course, the student will be able to							
CO1:	Acquaint the students with the nature and scope of public finance	Un 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						
<b>CO4:</b>	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	<b>PO 1</b>	PO 2	<b>PO 3</b>	PO 4	<b>PO 5</b>	<b>PO6</b>
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	Hrs	Mode
	Fiscal Economics		
	Meaning – Definition – Scope of Public Finance – Distinguish	6	
т	between Private and Public Finance - Principle of Maximum	2	Chalk &
1	Social Advantage – Role of Government in Mixed Economy.	6	talk, ppt
		4	
	Meaning – Sources of Public Revenue –Direct and		Chalk &
	Indirect Taxes – Canons of Taxation – Types: Progressive,	3	talk, ppt,
тт	Proportional, Regressive and Degressive Taxation – Impact and	5	Discussion,
11	Incidence - Shifting of Taxation – Taxable Capacity: Meaning –	4	Quiz
	Factors determining TaxableCapacityGST: Concept -	3	
	Advantages and Disadvantages.	3	
	Meaning – Classification – Causes for the Growth of	4	Chalk &
тт	Public Expenditure – Peacock wiseman Hypothesis - Effects -	5	talk, ppt,
111	Control of Public Expenditure – Comparison between Public and	6	Discussion,
	PrivateExpenditure.	3	seminar
	Meaning – Sources of Public Borrowing – Classification	3	Chalk &
IV	- Importance – Burden of Public Debt – Methods of Debt	4	talk, ppt,
1 V	Redemption – Growth of Public Debt in Under Developed	5	Discussion,
	countries.	6	Assignment
	Budget: Meaning – Principles of Budget – Qualities of a	2	Chalk &
	good Budget – Zero based Budget – Fiscal policy: Objectives –	3	talk, ppt,
N7	Role of FiscalPolicy an underdeveloped countries –Centre and	5	Discussion,
v	State Financial Relations – Functions and Recommendations of	3	Guest
	the 13 <sup>th</sup> and 14 <sup>th</sup> Finance Commission.	5	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)										
Articulation Mapping – K Levels with Course Outcomes (COs)											
			Section	h A	Section	n B	Section	Section			
Internal	Cos	K Level	MCQ	S	Short Ans	swers	C Either	D			
	0.00		No. of. Questions	K - Level	No. of. Questions	K – Level	or Choice	Open Choice			
CI	CO1	Up to K2	2	K1	1	K2	2 (K2,K2)	1(K2)			
AI	<b>CO2</b>	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	<b>CO4</b>	Up to K4	2	K2	2	K3	2(K3,K3)	1 (K4)			
	Que	No. of stions to be asked	4		3		4	2			
Question Pattern CIA I &	Que	No. of stions to be nswered	4		3		2	1			
II	Mar	ks for each question	1		2		5	10			
	Tota eac	al Marks for ch 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 Mark s	% of (Marks withou t choice)	Consolidat e of %	
	K1	2	4	-		6	12	60	
	K2	2	2	10	10	24	48	00	
СІ	K3	-	-	10	10	20	40	40	
	K4	-	-	_		-	_	-	
ЛІ	Marks	4	6	20	20	50	-	100	
	K1	2	-	-		2	4	50	
CI	K2	2	2	10	10	24	48	32	
	K3	-	4	10		14	28	28	
A H	K4	_	_	-	10	10	20	20	
11	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.

Sum	Summative Examination – Blue Print Articulation Mapping – K Level with Course Outcomes									
	(COs)									
			MC	Qs	Short An	swers	Section C	Section D		
S.No	COs	K - Level	No. of	K –	No. of	K –	(Either / or	(Open		
			Questions	Level	Question	Level	Choice)	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(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 Quest	tions to be	10		5		10	L L		
	Aske	ed	10		2		10	5		
No.	of Quest	ions to be	10		5		5	3		
	answe	red	10		2		3	3		
Mark	ts for eac	ch question	1		2		5	10		
Total Marks for each		10		10		25	30			
	secti	on	10		10		23	30		
	(Figure	es in parenth	esis denotes.	questions	should be as	sked witl	h the given K l	evel)		

	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	41			
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.										

Section	A (Mu	ltiple Choi	ce Questions)
Answer	: All Qu	iestions	(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 (Sho	ort Answers	3)
Answer	<mark>: All Q</mark> u	iestions	(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 (Eitl	her/Or Typ	e)
Answer	r All Qu	iestions	(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	<u>CO5</u>	K4	
20) b	05		
NB: Hi	gher lev	vel of perfo	rmance of the students is to be assessed by attempting higher level of
K levels		on Chaire)	
Section		en Choice)	(2x10-20  mowers)
Answer O No		K L orrol	Ouestions (JX10=30 IIIaFKS)
<b>V.NO</b>		K Level	Questions
$\frac{21}{22}$		K2	
22	$CO_2$	KJ K2	
23	C03	KJ K2	
24 25	C04	KJ KA	
23	005	<b>N</b> 4	

## **Summative Examinations - Question Paper – Pattern**



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

Course Name RES	RESEARCH METHODOLOGY						
Course Code 21U	21UECC53 L						
Category Cor	Core 6						
NATURE OF COURSE:EMPLOYABILITYSKILL ORIENTEDENTREPH							
COURSE OBJECT	<b>TVES:</b> To expose the studer	nts on various research me	thods	and			
methodologies.	1 4 4 1 41 1 *	4 1 41 1 0		1			
1. To make the stude $2$ To below the stude	ents to know the basic co	of data collection	esear	cn.			
3 To familiarize th	e students with the various	s research design and tec	chnia	ues			
4. To gain knowled	lge on hypothesis and sam	pling methods.	enning	ues.			
5. To enable the stu	idents to understand the te	chnicalities of report wr	iting.				
Unit: I Introduction	0 <b>n</b>	<b>^</b>	Ŭ				
Research: Meanin	g – Types - Objective	es – <mark>Motivation in F</mark>	Resea	rch-			
Significance of Re	search – Research process	s – Problems in Quantit	ative	and	18 H	ours	
qualitative research	n - Criteria of Good Resea	arch - Problems of socia	l sci	ence	10 11	ours	
research.							
Collection of	ection f Data: Magning Drimor	u and Sacandamy Data	Matl	anda			
of Collecting Prim	ary Data – Sources of S	y allu Secollual y Dala – Secondary Data – Preca	ution	ious			
using Secondary I	Data - Case Study Metho	d· Meaning – Characte	eristi	CS —	18 H	ours	
Advantages- Limit	ations.	di mouning churach	eriser	05			
Unit: III Formula	tion of Research Problem	n and Research Design					
Research P	roblem: Meaning - sele	ction of a research p	roble	m -			
Techniques Involv	ed in Defining a proble	m - Formulation of a	rese	arch			
problem.							
Research	Design: Meaning – T	ypes of Research I	Desig	n -	20 H	lours	
Characteristics of	Good research design -	Important concepts re	latin	g to			
Kesearch Design -	Significance of research d	esign.					
Hypothesis:	Meaning - Types -	Alternative Hypothes	ic -	Null			
Hypothesis –Type	I and Type II Error - Form	ulation and Significance	2.	, un			
Sampling: Meaning -Types - Steps in Sampling Design - Methods of							
Sampling – Advantages and Limitations.							
Linite V Donout W							
Report Writ	ing: Significance _Steps	I avout of the Research	Ren	ort_			
Types – Mechania	cs of writing Research Re	$\frac{1}{2}$ $\frac{1}$	Wri	ting	16 H	ours	
Research Report.				8		0	

	Total Lecture Hours	90						
Books for S	Books for Study:							
1. Kothari C	C.R., (2022), Research Methodology: Methods and Techniques, Wile	ey						
EasternLim	ited.							
Books for I	References:							
1. Alan Bry	man, (2016), "Social Research Methods", Fifth Edition, Oxford Uni	versity						
Press,United	d Kingdom.							
2. Deepak C	Chawla and NeenaSondhi, (2016), "Research Methodology: Concep	ts and						
Cases", Sec	ond Edition, Vikas Publising House, New Delhi.							
3. Uwe Flic	k, (2011), "Introducing Research Methodology: A Beginner Guide t	o Doing a						
Research Pr	oject", Sage Publications Limited, London.							
Web Resou	irces:							
1. <u>https</u>	://ccsuniversity.ac.in/bridge-library/pdf/Research-Methodology-CR-Kothar	i.pdf						
2. <u>https</u>	://gargicollege.in/wp-content/uploads/2020/03/Research-Methodology-SEC-l	Economics-						
<u>BA-P</u>	-Sem-4.pdf							
3. <u>https</u>	://web.mit.edu/course/21/21.guide/th-form.htm							
EXPECTE	D COURSE OUTCOME	V I and						
On successf	ful completion of the course, the student will be able to	K Level						
	· · · · · · · · · · · · · · · · · · ·							
CO1: Kn	ow the basic concepts and methods of research.	Up to K2						
CO2: Put	sue the methods of data collection.	Up to K3						
CO3: Fai	Familiarize with the various research design and techniques.Up to K4							
CO4: Ga	4:Gain knowledge on hypothesis and sampling methods.Up to K3							
CO5: Un	derstand the technicalities of report writing.	Up to K4						

## CO & PO Mappings:

COS	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>
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,
п	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)										
			Section	Section A		B	Section	Section		
Internal	Cos	K Level	MCQs		Short Answers		C Either	D		
	0.00		No. of. Questions	K - Level	No. of. Questions	K – Level	or Choice	Open Choice		
CI	CO1	Up to K2	2	K1	1	K2	2 (K2,K2)	1 (K2)		
AI	CO2	Up to K3	2	K2	2	K1	2(K3,K3)	1 (K3)		
CI	CO3	Up to K4	2	K1	1	K2	2(K2,K2)	1 (K2)		
AII	<b>CO4</b>	Up to K3	2	K2	2	K3	2(K4,K4)	1 (K4)		
	Que	No. of stions to be asked	4		3		4	2		
Question Pattern CIA I &	Que	No. of stions to be nswered	4		3		2	1		
II	Mar	ks for each question	1		2		5	10		
	Tota eac	al Marks for ch 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 %				
	K1	2	4	-		6	12	60				
	K2	2	2	10	10	24	48	00				
СТА	K3	-	-	10	10	20	40	40				
	K4	-	-	-		-	-	-				
•	Marks	4	6	20	20	50	-	100				
	K1	2	-	-		2	4	50				
	K2	2	2	10	10	24	48	32				
CIA	K3	-	4	10		14	28	28				
II	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.

Sum	Summative Examination – Blue Print Articulation Mapping – K Level with Course Outcomes										
(COs)											
			MC	Qs	Short An	swers	Section C	Section D			
S.No	COs	K - Level	No. of	K –	No. of	K –	(Either / or	(Open			
			Questions	Level	Question	Level	Choice)	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 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 Quest	tions to be	10		5		10	5			
	Aske	ed	10		3		10	3			
No.	of Quest	ions to be	10		5		5	2			
	answe	red	10		5		5	5			
Mark	ts for eac	ch question	1		2		5	10			
Total Marks for each		10		10		25	30				
	secti	on	10	10			23	30			
	(Figur	es in parenth	esis denotes.	questions	should be as	sked witl	h the given K l	evel)			

	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	11 66					
K2	5	6	10	10	31	25.83	41.00					
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 lev	els.											

Section	Section A (Multiple Choice Questions)							
Answer	r All Qu	iestions	(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 (Sho	ort Answers	8)					
Answer	<mark>: All Q</mark> ı	iestions	(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 (Eitl	her/Or Typ	e)					
Answer	r All Qu	iestions	(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: Hi	gher lev	vel of perfo	rmance of the students is to be assessed by attempting higher level of					
Section	<u>,</u> D(Or	on Choice)						
Answer	· Any T	'hree questi	ions (3x10-30 marks)					
		K I ovol	Onections (JAIU-JU Marks)					
21	C01	K Level	Zucsuons					
22	$CO^2$	K3						
23	CO3	K4						
23	CO4	K3						
25	C05	K4						
23	005	174						

# **Summative Examinations - Question Paper – Pattern**



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

Course Name	AGRIC	CULTURAL ECONON	AICS					
Course Code	21UEC	E51			L	Р	С	
Category	Elective	e-I			5	-	5	
NATURE OF COURSE:		EMPLOYABILITY	SKILL ORIENTED	ENTREF	PREN	URS	HIP	
COURSE OBJ	ECTIVE	ES: This course is inten	nds to introduce the agric	cultural sy	stem	in In	idia	
1. To understand the Importance of Agricultural Sector in India.								
2. To familiarize the Farm Management and Land Reforms.								
3. To evaluate the	he outcor	ne of Agricultural Strate	egies.					
4. To realize the	Market	difficulties and Importa	nce in the Field.					
5. To analyze th	e Impact	of Agricultural Policies	and Agricultural Develop	oment.				
Unit: I Introd	luction							
Agricultural Economics: Meaning – Nature and Scope – Significance – Role – Problems of Agricultural Sector – Modernization of Agriculture based on current technology - Relationship between Agricultural and Non-							15 Hours	
Unit: II Farm Management and Land Reforms								
Nature of Fai Problems in In Land Reform Measures – Israel Croppin	rm Man ndia. s: Mean Differen ng Syste	agement – Scope – ning – Objectives – I nce between Indian em (Selected Crops).	Importance – Farm I Impact of Land Reform Farm Management	Managen ns in Ind System	nent ia – and	15	15 Hours	
Unit: III Agri	cultura	l Productivity				1		
Productivity in 1 - Green Revolut Farming.	Indian Ag tion: Orig	griculture - Causes for login - Merits and Demeri	ow Agricultural Productiv ts - Second Green Revolu	ity - <mark>Reme</mark> tion - Con	edies tract	15	Hours	
Unit: IV Agri	cultura	l Marketing and Fi	nance			1		
Meaning – S Measures to i markets - Co-	Meaning – Significance – Structural defects of agricultural Marketing – Measures to improve the efficiency of Agricultural Marketing – Regulated markets - Co-operative Society - UzbayarSanthai - On-line marketing						Hours	
Unit: V Agrici	Unit: V Agricultural Pricing Policy							
Agricultural I	Pricing	Policy2020 - Object	tives - Instruments of	Agricult	ural			
Policy - Minimum Support Price - Buffer Stock - Food Policy - Food Corporation of India – WTO in Indian Agriculture – Food Security.							Hours	
			,	5		<u> </u>		
			Total I	Lecture H	ours	75	Hours	

### **Books for Study:**

- Bilgrami, S.A.R., (2018), Agricultural Economics, Himalaya Publishing House, New Delhi.
- 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. <u>http://sdeuoc.ac.in/sites/default/files/sde\_videos/agri%20economics%20teaching%20note</u> <u>%20MA%20ECO-.pdf</u>
- 2. <u>http://www.rvskvv.net/images/Principles-of-Agricultural-Economics\_17.04.2020.pdf</u>

EXPE	CTED 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	<b>PO 1</b>	PO 2	<b>PO 3</b>	PO 4	PO 5	<b>PO6</b>
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**

TINIT	SUBJECT NAME	IJma	Mada
UNII	Agricultural Economics	nrs	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
п	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.

Learning Outcome Based Education & Assessment (LOBE)										
Articulation Mapping – K Levels with Course Outcomes (COs)										
			Section	Section A		n B	Section	Section D		
Internal	Cos	K Level	MCQs		Short Ans	swers	Either			
			No. of. Questions	K - Level	No. of. Questions	K – Level	or Choice	Open Choice		
CI	CO1	Up to K2	2	K1	1	K2	2 (K2,K2)	1 (K2)		
AI	CO2	Up to K3	2	K2	2	K1	2(K3,K3)	1 (K3)		
CI	CO3	Up to K3	2	K1	1	K2	2(K2,K2)	1 (K2)		
AII	<b>CO4</b>	Up to K4	2	K2	2	K3	2(K3,K3)	1 (K4)		
	Que	No. of stions to be asked	4		3		4	2		
Question Pattern CIA I &	Que	No. of stions to be nswered	4		3		2	1		
II	Mar	ks for each question	1		2		5	10		
	Tota eac	al Marks for ch section	4		6		10	10		

		Dist	ribution of N	Iarks with	n 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 Mark s	% of (Marks withou t choice)	Consolidat e of %
	K1	2	4	-		6	12	60
	K2	2	2	10	10	24	48	00
	K3	-	-	10	10	20	40	40
CI	K4	-	-	-		-	-	-
ΑI	Mark s	4	6	20	20	50	-	100
	K1	2	-	-		2	4	50
	K2	2	2	10	10	24	48	52
CI	K3	-	4	10		14	28	28
	K4	-	-	_	10	10	20	20
	Mark s	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

Sum	Summative Examination – Blue Print Articulation Mapping – K Level with Course Outcomes							
	(COs)							
			MC	Qs	Short An	swers	Section C	Section D
S.No	COs	K - Level	No. of	K –	No. of	K –	(Either / or	(Open
			Questions	Level	Question	Level	Choice)	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 Quest Ask	tions to be ed	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)							

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

	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	41		
K3			20	30	50	41.66	42		
K4			10	10	20	16.66	17		
Marks	10	10	50	50	120	100	100		
NB: Hig of K lev	NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels								

Section	Section A (Multiple Choice Questions)					
Answer	r All Qu	iestions	(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 (Sho	ort Answers	3)			
Answer	<mark>: All Q</mark> ı	iestions	(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 (Eitl	her/Or Typ	e)			
Answer	r All Qu	iestions	(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	<u>CO5</u>	<u>K4</u>				
NB: Hi	gher lev	vel of perfo	rmance of the students is to be assessed by attempting higher level of			
K levels		on Chaine)				
Section D (Upen Unoice)						
		K L ovol	Ouestions (JX10=30 IIIdrK8)			
21		K Level	Questions			
$\frac{21}{22}$		K2				
22	$\frac{CO2}{CO3}$	K3 K3				
23	C03	K3 K3				
2 <del>4</del> 25	C04	KJ KA				
23	005	174				

# **Summative Examinations - Question Paper – Pattern**



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

Course Name	TAMIL NADU ECONOMY						
<b>Course Code</b>	21UECE52			L	Р	С	
Category	Elective-I			5	-	5	
NATURE OF COURSE:	EMPLOYABILITY	SKILL ORIENTED	ENTRE	PREN	IURS	HIP	
COURSE OBJ	ECTIVES: This course it	ntends to introduce the economic	system of	Tam	il Na	du.	
1. To under	rstand the process of grow	th in Tamil Nadu Economy					
2. To figure	e out the quantum of Tam	il Nadu State Income.					
3. To acqui	ire knowledge on the statu	is of Tamil Nadu Agricultural Sec	ctor.				
4. To comp	orehend the status of Indus	strial Sector of Tamil Nadu.					
5. To expos	se specific economic issue	es pertaining to the region.					
Unit: I Profile	of Tamil Nadu Econom	y					
Place of Tamil Nadu in the National Economic Scene – Natural Resources – Demographic Structures: Health - Sanitation-Education – Migration - Immigration – Human Development Index.							
Unit: II Tamil Nadu State Income							
State In Trends – Sector Land Holding P	come – Gross and Net al Growth Rates – Limita attern in Tamil Nadu,	State Domestic Product – Grow ations of the estimation of the N	wth Rate SDP data		15 H	ours	
Unit: III Agrice	ultural <mark>Sector</mark>						
Agricult Crops – Produc Minimum Supp	ure - Contribution of A tivity - Agricultural Finan ort Price.	griculture in NSDP – Major Andrew Andre	Agricultura ral Prices	al	15 H	ours	
Unit: IV Indust	trial and <mark>Service Sector</mark>						
Industry – Contr – Performance – Institutions in T	Industry – Contribution of Industrial and Service Sector in NSDP– Industry and Plans – Performance – Large Scale – Small-Scale – <u>MSME – Skill Development</u> – Financial Institutions in TN – Foreign Direct Investment.						
Unit: V Region	nal Issues						
MajorIssues: Poverty – Unemployment – Urbanisation – Housing – Public15 HoursDistribution System.15 Hours							
I							
		Total Lect	ture Houi	:S	75H0	ours	
Books for Stu	dy:						
1. Leonard A.J.	, (2006), Tamil Nadu Eco	onomy, 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. <u>C. T Kurien</u>, (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 Leve					
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	<b>PO 5</b>	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
Ι	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
ш	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 – <u>MSME – Skill Development</u> – 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.

	Learning Outcome Based Education & Assessment (LOBE) Formative Examination - Blue Print Articulation Mapping – K Levels with Course Outcomes (COs)							
			Section	A	Section	n B	Section	Section
Internal	Cos	K Level	MCQ	s	Short Ans	swers	C Either	D
			No. of. Questions	K - Level	No. of. Questions	K – Level	or Choice	Open Choice
CI	CO1	Up to K2	2	K1	1	K2	2 (K2,K2)	1 (K2)
AI	CO2	Up to K3	2	K2	2	K1	2 (K3,K3)	1 (K3)
CI	CO3	Up to K3	2	K1	1	K2	2 (K2,K2)	1 (K2)
AII	CO4	Up to K4	2	K2	2	K3	2 (K3,K3)	1 (K4)
No. of Questions to be asked		No. of stions to be asked	4		3		4	2
Question Pattern CIA I &	Que	No. of stions to be nswered	4		3		2	1
II	Mar	ks for each uestion	1		2		5	10
	Tota eac	I Marks for th 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 Mark s	% of (Marks withou t choice)	Consolidat e of %
	K1	2	4	-		6	12	60
	K2	2	2	10	10	24	48	00
	K3	-	-	10	10	20	40	40
CI	K4	-	-	-		-	-	-
AI	Mark s	4	6	20	20	50	-	100
	K1	2	-	-		2	4	50
	K2	2	2	10	10	24	48	52
CI	K3	_	4	10		14	28	28
	<b>K4</b>	-	-	-	10	10	20	20
	Mark s	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.

Sum	Summative Examination – Blue Print Articulation Mapping – K Level with Course Outcomes							
				(CO	s)			
			MC	Qs	Short An	swers	Section C	Section D
S.No	COs	K - Level	No. of	K –	No. of	K –	(Either / or	(Open
			Questions	Level	Question	Level	Choice)	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(K4)
5	CO5	Up to K4	2	K1&K2	1	K2	2(K4&K4)	1(K3)
No.	of Quest	tions to be	10		5		10	5
	Ask	ed	10		5		10	5
No.	of Quest	ions to be	10		5		5	3
	answe	ered	10		5		5	5
Marks for each question		1		2		5	10	
Total Marks for each		10		10		25	20	
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	41		
K3			20	30	50	41.66	42		
K4			10	10	20	16.66	17		
Marks	10	10	50	50	120	100	100		
NB: Hig of K lev	NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels.								

Section	Section A (Multiple Choice Questions)					
Answer	r All Qu	iestions	(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 (Sho	ort Answers	3)			
Answer	<mark>: All Q</mark> ı	iestions	(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 (Eitl	her/Or Typ	e)			
Answer	r All Qu	iestions	(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	<u>K3</u>				
20) a	CO5	K4				
20) b	<u>CO5</u>	<u>K4</u>				
NB: Hi	gher lev	vel of perfo	rmance of the students is to be assessed by attempting higher level of			
Section	<u>,</u> D(Or	on Choice)				
Answer Any Three questions (2-10, 20						
		K Lovel	Onections (JAIU-30 Marks)			
21	C01	K2	Zucstions			
22	$CO^2$	K3				
23	CO2	K3				
23	CO4	K4				
25	C05	K3				
23	005	115				

# **Summative Examinations - Question Paper – Pattern**



# 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	Р	С			
Category	ELECTIVE-I	5	-	5			
NATURE OF	COURSE: EMPLOYABILITY SKILL ORIENTED ENTREP	REI	NURS	HIP			
COURSE OB	JECTIVES: This course intends to develop knowledge on marketing a	and	its inn	er			
avenues.							
1. To explor	the scope, importance and functions of marketing.						
2. To equip t	he students' knowledge on product pricing strategies						
3. To make t	he students to understand the functionality distribution.						
4. To demon	strate the different ways of promoting the products.						
5. To explore	the different market segments and their importance.						
Unit: I Intro	luction						
Market	ing: Definition - Scope and Importance - Approaches to the study of	of					
Marketing - M	arketing concepts - Functions of Marketing -Marketing Mix Criterion	_	15 H	ours			
Difference bet	ween Marketing and Selling.						
Unit: II Produ	ict Pricing and Strategies						
Produc	E: Features – Classification of Products – Stages in New Produ	ct					
Development	– Product Line and Mix - Product Differentiation – Branding	_					
Packaging - I	abeling – Pricing - Types - Factors influencing pricing decisions	_	15 H	ours			
Pricing strateg	ies for Fast Moving Consumer Goods (FMCG) -Price as an indicator	of					
quality.							
Unit: III Pla	2e						
Physica	I Distribution: Channels of Distribution - Factors considered for	or					
selecting a cha	nnel - Wholesalers and Retailers - Services - Direct Marketing - Ro	le	15 H	ours			
of Middlemen	Marketing Risk - Causes – Handling - Prevention of Risk.						
Unit: IV Pro	motion						
Promo	tion: Promotion Mix -Forms of Promotion- Sales Promotion	-					
Objectives - A	dvertising – Kinds of Advertising Media – Media Selection - Person	al	15 H	ours			
Selling – Kind	Kinds – Functions – Qualities of a good salesman -Personal selling Vs. Sales						
promotion.	at Commentation						
	et Segmentation	e f					
Meaning – Need - Importance – Benefits of Segmentation - Criteria and bases of Market Segmentation - Electronic Marketing: Maning Significance - Market and							
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.						
	Total Lecture Hour	rs	75				

#### **Books for Study:**

 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							
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	<b>PO 3</b>	PO 4	<b>PO 5</b>	<b>PO6</b>
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

	SUBJECT NANE	Hrs	Mode
UNIT			
	Economicsof Marketing		
	Marketing: Definition – Scope and Importance – Approaches to the	5	Chalk and
т	study of Marketing - Marketing concepts - Functions of Marketing - Marketing Mix Criterion Difference between Marketing and	5	Talk, ppt,
I	Selling	·	
	Seming.	5	Tutorial
	Product:Features - Classification of Products - Stages in NewProductDevelopment - ProductLineandMix-Product	5	Chalk and
II	<ul> <li>Differentiation – Branding – Packaging - Labeling – Pricing - Types</li> <li>Factors influencing pricing decisions – Pricing strategies for Fast Moving Consumer Goods (FMCG) -Price as an indicator of quality.</li> </ul>	5 5	Talk, ppt
	Physical Distribution: Channels of Distribution - Factors considered for selecting a channel – Wholesalers and Retailers – Services -	5	Chalk and
III	Direct Marketing - Role of Middlemen-Marketing Risk - Causes –	5	так, ррі
	Handling - Prevention of Risk.	5	
	Promotion: Promotion Mix -Forms of Promotion- Sales Promotion -	5	Chalk and
IV	Objectives - Advertising – Kinds of Advertising Media – Media	5	Talk, ppt,
	good salesman -Personal selling Vs. Sales promotion.	3	Assignment
	Meaning – Need - Importance –Benefits of Segmentation- Criteria	5	
	and bases of Market Segmentation – Electronic Marketing: Meaning	55	Chalk and
V	Recent Trends in E-Marketing - Product Life Cycle – Stages of	•	Talk, ppt,
	Product Life Cycle – Level of Profit in each stage.		Seminar

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)												
			Section	n A	Section	n B	Section	Section				
Internal	Cos	K Level	MCQ	s	Short Answers		C Either	D				
		11 20001	No. of. Questions	K - Level	No. of. Questions	K – Level	or Choice	Open Choice				
CI	CO1	Up to K2	2	K1	1	K2	2 (K2,K2)	1 (K2)				
AI	CO2	Up to K3	2	K2	2	K1	2 (K3,K3)	1 (K3)				
CI	CO3	Up to K3	2	K1	1	K2	2 (K2,K2)	1 (K2)				
AII	CO4	Up to K4	2	K2	2	K3	2 (K3,K3)	1 (K4)				
Ques		No. of stions to be asked	4		3		4	2				
Question Pattern CIA I &	Que	No. of stions to be nswered	4		3		2	1				
II	Mar	ks for each uestion	1		2		5	10				
	Tota	ll Marks for ch 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 Mark s	% of (Marks withou t choice)	Consolidat e of %			
	K1	2	4	-		6	12	60			
	K2	2	2	10	10	24	48	00			
	K3	-	-	10	10	20	40	40			
CI	K4	-	-	-		-	-	-			
ΑI	Mark s	4	6	20	20	50	-	100			
	K1	2	-	-		2	4	50			
	K2	2	2	10	10	24	48	52			
СТ	K3	-	4	10		14	28	28			
	K4	-	-	-	10	10	20	20			
лп	Mark s	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)

			MC	Qs	Short An	swers	Section C	Section D
S.No	COs	K - Level	No. of	K –	No. of	K –	(Either / or	(Open
			Questions	Level	Question	Level	Choice)	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(K4)
5	CO5	Up to K3	2	K1&K2	1	K2	2(K4&K4)	1(K3)
No. of Questions to be		ions to be	10		5		10	5
	Aske	ed	10		2		10	2
No.	of Quest	ions to be	10		5		5	3
answered		red	10		2		5	3
Mark	s for eac	ch question	1		2		5	10
Tot	al Marks	for each	10		10		25	20
	section	on	10		10		25	30
	(Figure	es in parenth	esis denotes.	questions	should be as	sked witl	h the given K l	evel)

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	41				
K3			20	30	50	41.66	42				
K4			10	10	20	16.66	17				
Marks	10	10	50	50	120	100	100				
NB: Hig of K lev	gher level of p els.	erformance o	of the students	s is to be asse	essed by a	attempting	higher level				

Section	A (Mu	ltiple Choi	ce Questions)
Answer	r All Qu	iestions	(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 (Sho	ort Answers	3)
Answer	<mark>: All Q</mark> ı	iestions	(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 (Eitl	her/Or Typ	e)
Answer	r All Qu	iestions	(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	<u>CO5</u>	K3	
NB: Hi	gher lev	vel of perfo	rmance of the students is to be assessed by attempting higher level of
K levels			
Section	D (Op	en Choice)	(3x10-20 morks)
Answer O No		I I aval	Ouestions (5x10=50 MarKs)
21		K Level	Questions
$\frac{21}{22}$		K2	
22	$CO_2$	KJ K2	
23 24	$CO_4$	КЈ V/	
24	CO5	N4 1/2	
23	005	ЛJ	

# **Summative Examinations - Question Paper – Pattern**



# 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	Р	С						
Category	Category Elective - II									
Nature of cours	se: EMPLOYABILITY SKILL ORIENTED ENTREPRI	ENEU	RSH	IP						
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 th	2. To explore the concept of demand for 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 Int	roduction		15	hrs						
Labour Force -	Unemployment - Nature and Scope of Labour in India - Working of	Labo	ur M	arket						
-Characteristics	of Industrial labour in India - Composition of Labour Market - C	asual	Labo	ur in						
India - Labour r	narket in India									
Unit: II Den	nand for Labour		15	hrs						
Elastic	ity of Labour demand - Wage Elasticity - Hicks-Marshall Law and	its ap	plica	tions						
- Cross Elasti	icity of Demand and application of law derived demand - Minimun	n wag	e law	and						
its theoretical	and employment effects.									
Unit: III Sup	oply of Labour		15	hrs						
Friction	in the labour market and law of one price - supply of labour -	Labou	ır M	arket						
Participation - t	rend - the theory of decision to work and labour-leisure choice -	The H	Funct	ional						
Theory and its A	Application.									
Unit: IV Soc	ial Security Measures		15	hrs						
Concept	s of Minimum Wage Act 1948 - Living Wage and Fair wage – Socia	ıl Insu	rance	e and						
Social Assistant	ce - Workmen Compensation Act 1923 - Women - Maternity E	Benefit	t Act	and						
Employees Stat	te Insurance Scheme – Eradication of Child Labour – Recent	Labor	: We	lfare						
Measures.										
Unit: V Lab	our Policy		15	hrs						
Labour 1	Market Reforms - Exit Policy - Child Labour Policy in India - Problem	lems a	nd P	olicy						
of Female Wor	kers in India - Labour Relations in India - Contract Labour – <mark>Rec</mark>	ent la	bor y	wage						
policies.										
	Total Lecture H	Hours	75							
Books for Stud	y:									
1. Ronald (	G Rhrenberg and Robert S Smith, (2012), Modern Labour Econom	ics, T	heory	and and						
Public P	olicy, 11 <sup>th</sup> Edition Pearson.									
2. Gupta P.	K. (2012), Labour Economics" New Delhi, Vrinda Publication (p) L	.td.								
3. S.D. Sin	gh, (2012), Labour Economics", Centrum Press.									

<ol> <li>Esrafil Ali, (2013), Labour Economics, Everest Publishing House.</li> <li>McConnell, (2009), Brue and Macpherson, Contemporary Labour Economics, 8<sup>th</sup> Editi Mc Graw-Hill.</li> <li>Bhagoliwal T.N, (2002), Economics of Labour and Industrial Relations: SahityaBhav Agra.</li> <li>Hajela P.D. (19938), Labour Restructuring in India: A Critique of the New Econom Policies, Commonwealth Publishers, New Delhi.</li> <li>T.S.Papola, Ghosh and A.N.Sharma, (1993), Labour Employment and Industrial Relation in India B.R. Publishing House, New Delhi.</li> <li>Web Resources         <ol> <li>https://www.sfu.ca/~friesen/BUEC280_Lecture_1.pdf</li> <li>https://www.studocu.com/row/document/kenyatta-university/labour-economics/eae-304- revised-complete-notes-on-labour-economics/8470715</li> </ol> </li> </ol>									
<ol> <li>McConnell, (2009), Brue and Macpherson, Contemporary Labour Economics, 8<sup>th</sup> Edition Mc Graw-Hill.</li> <li>Bhagoliwal T.N, (2002), Economics of Labour and Industrial Relations: SahityaBhav Agra.</li> <li>Hajela P.D. (19938), Labour Restructuring in India: A Critique of the New Econom Policies, Commonwealth Publishers, New Delhi.</li> <li>T.S.Papola, Ghosh and A.N.Sharma, (1993), Labour Employment and Industrial Relation in India B.R. Publishing House, New Delhi.</li> <li>Web Resources         <ol> <li>https://www.sfu.ca/~friesen/BUEC280_Lecture_1.pdf</li> <li>https://www.studocu.com/row/document/kenyatta-university/labour-economics/eae-304-revised-complete-notes-on-labour-economics/8470715</li> <li>https://bome.orgae.ei.cr/inraide/MA % 20Labor/ma_labor.pdf</li> </ol> </li> </ol>	Esrafil Ali, (2013), Labour Economics, Everest Publishing House.								
<ul> <li>Mc Graw-Hill.</li> <li>Bhagoliwal T.N, (2002), Economics of Labour and Industrial Relations: SahityaBhav Agra.</li> <li>Hajela P.D. (19938), Labour Restructuring in India: A Critique of the New Econom Policies, Commonwealth Publishers, New Delhi.</li> <li>T.S.Papola, Ghosh and A.N.Sharma, (1993), Labour Employment and Industrial Relatio in India B.R. Publishing House, New Delhi.</li> <li>Web Resources <ol> <li>https://www.sfu.ca/~friesen/BUEC280 Lecture 1.pdf</li> <li>https://www.studocu.com/row/document/kenyatta-university/labour-economics/eae-304- revised-complete-notes-on-labour-economics/8470715</li> </ol> </li> </ul>	McConnell, (2009), Brue and Macpherson, Contemporary Labour Economics, 8th Edition								
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<ul> <li>Agra.</li> <li>4. Hajela P.D. (19938), Labour Restructuring in India: A Critique of the New Econom Policies, Commonwealth Publishers, New Delhi.</li> <li>5. T.S.Papola, Ghosh and A.N.Sharma, (1993), Labour Employment and Industrial Relation in India B.R. Publishing House, New Delhi.</li> <li>Web Resources <ol> <li>https://www.sfu.ca/~friesen/BUEC280 Lecture 1.pdf</li> <li>https://www.sfu.ca/~friesen/BUEC280 Lecture 1.pdf</li> <li>https://www.sfu.docu.com/row/document/kenyatta-university/labour-economics/eae-304-revised-complete-notes-on-labour-economics/8470715</li> </ol> </li> </ul>	Bhagoliwal T.N, (2002), Economics of Labour and Industrial Relations: SahityaBhavan								
<ul> <li>4. Hajela P.D. (19938), Labour Restructuring in India: A Critique of the New Econom Policies, Commonwealth Publishers, New Delhi.</li> <li>5. T.S.Papola, Ghosh and A.N.Sharma, (1993), Labour Employment and Industrial Relation in India B.R. Publishing House, New Delhi.</li> <li>Web Resources <ol> <li>https://www.sfu.ca/~friesen/BUEC280 Lecture 1.pdf</li> <li>https://www.studocu.com/row/document/kenyatta-university/labour-economics/eae-304- revised-complete-notes-on-labour-economics/8470715</li> <li>https://bome.corge-ei.cg/jurgida/MA% 20Labor/me_labor.pdf</li> </ol> </li> </ul>	Agra.								
<ul> <li>Policies, Commonwealth Publishers, New Delhi.</li> <li>5. T.S.Papola, Ghosh and A.N.Sharma, (1993), Labour Employment and Industrial Relation in India B.R. Publishing House, New Delhi.</li> <li>Web Resources <ol> <li>https://www.sfu.ca/~friesen/BUEC280_Lecture_1.pdf</li> <li>https://www.studocu.com/row/document/kenyatta-university/labour-economics/eae-304-revised-complete-notes-on-labour-economics/8470715</li> <li>https://bome.corge-gi.cz/jurgidg/MA% 20Labor/mg.labor.pdf</li> </ol> </li> </ul>	Hajela P.D. (19938), Labour Restructuring in India: A Critique of the New Economic								
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<ul> <li>in India B.R. Publishing House, New Delhi.</li> <li>Web Resources <ol> <li>https://www.sfu.ca/~friesen/BUEC280_Lecture_1.pdf</li> <li>https://www.studocu.com/row/document/kenyatta-university/labour-economics/eae-304-revised-complete-notes-on-labour-economics/8470715</li> <li>https://home.corge-ei.cz/jurzida/MA% 20Labor/ma_labor.pdf</li> </ol> </li> </ul>	T.S.Papola, Ghosh and A.N.Sharma, (1993), Labour Employment and Industrial Relations								
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<ol> <li><u>https://www.sfu.ca/~friesen/BUEC280_Lecture_1.pdf</u></li> <li><u>https://www.studocu.com/row/document/kenyatta-university/labour-economics/eae-304-revised-complete-notes-on-labour-economics/8470715</u></li> <li><u>https://home.cerge-ei.cz/jurgida/MA% 20Labor/ma_labor.pdf</u></li> </ol>									
<ul> <li><u>https://www.studocu.com/row/document/kenyatta-university/labour-economics/eae-304-revised-complete-notes-on-labour-economics/8470715</u></li> <li>https://home.cerge-ei.cz/jurzida/MA% 20Labor/ma_labor.pdf</li> </ul>									
revised-complete-notes-on-labour-economics/8470715									
3 https://home.corge_oj.cz/jurgidg/MA%20Labor/mg_labor.ndf									
5. <u>https://lonic.cerge-ci.cz/jurajua/wrk/020Labor/ma_tabor.pur</u>									
COURSE OUTCOME K Level	1								
On successful completion of the course, the student will be able to									
CO1: Understand the characteristics of labour problems. Up to K	3								
CO2:Analyze the theories of labour welfare and their functions.Up to K	- A								
CO3:Remember the supply and growth of labour demand.Up to K	.4								
CO4:Evaluate the employment service organization in India.Up to K	.4 .3								
<b>CO5:</b> Explore the social insurance scheme and maturity.	4 [3] [4]								

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

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
п	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

### **LESSON PLAN**

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)									
	Section	Section								
Internal	Cos	K Level	MCQ	S	Short Ans	swers	C Either	D		
	005	11 20101	No. of. Questions	K - Level	No. of. Questions	K – Level	or Choice	Open Choice		
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 K3	2	K1	1	K2	2 (K2,K2)	1 (K2)		
AII	<b>CO4</b>	Up to K4	2	K2	2	K3	2 (K3,K3)	1 (K4)		
	Que	No. of stions to be asked	4		3		4	2		
Question Pattern CIA I &	Que	No. of stions to be nswered	4		3		2	1		
Π	Mar	ks for each question	1		2		5	10		
	Tota eac	ll Marks for ch 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 Mark s	% of (Marks withou t choice)	Consolidat e of %	
	K1	2	4	-		6	12	60	
	K2	2	2	10	10	24	48	00	
	K3	-	-	10	10	20	40	40	
CI	K4	-	-	-		-	-	-	
ΑI	Mark s	4	6	20	20	50	-	100	
	K1	2	-	-		2	4	50	
	K2	2	2	10	10	24	48	52	
СТ	K3	-	4	10		14	28	28	
	K4	-	-	-	10	10	20	20	
лп	Mark s	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)

			MC	Qs	Short An	swers	Section C	Section D
S.No	COs	K - Level	No. of	K –	No. of	K –	(Either / or	(Open
			Questions	Level	Question	Level	Choice)	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 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 Quest	ions to be	10		Ľ		10	5
	Aske	ed	10		3		10	5
No.	of Quest	ions to be	10		5		5	3
	answe	red	10		3		5	5
Marks for each question		1		2		5	10	
Total Marks for each		10		10		25	30	
section		10		10		25	30	
	(Figure	es in parenth	esis denotes.	questions	should be as	sked witl	h the given K l	evel)

	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	41		
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 lev	els.								

Section	A (Mu	ltiple Choi	ce Questions)
Answer	r All Qu	iestions	(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 (Sho	ort Answers	3)
Answer	<mark>: All Q</mark> ı	iestions	(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 (Eitl	her/Or Typ	e)
Answer	r All Qu	iestions	(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: Hi	gher lev	vel of perfo	rmance of the students is to be assessed by attempting higher level of
Section	<u>,</u> D(Or	on Choice)	
Answer	· Any T	'hree questi	ions (3x10-30 marks)
		K Lovel	Onections (JAIU-30 Marks)
21	C01	K2	Zucstions
22	$CO^2$	K3	
23	CO2	K3	
23	CO4	K3	
25	C05	K4	
23	005	174	

# **Summative Examinations - Question Paper – Pattern**



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

Course Name	RURAL	DEVELOPMENT					
Course Code	21UECI	21UECE55					
Category	Elective	Elective -II					
NATURE OF COURSE:		EMPLOYABILITY	SKILL ORIENTED	ENTRE	PREN	JURS	SHIP

**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	
<b>Dural Davidonment:</b> Meaning Definition Objectives Netwoord	
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) – <mark>Pradhan Mantri Aawas Yojana (PMAY)</mark> National Social Assistant Programmes (NSAP) – SampoornaGrameenRozgarYojana (SGRY) – SarvaSikshaAbhiyan (SSA) — Make in India – <mark>Startups.</mark>	15 Hours
Unit: V Rural Finance and Banking	

KVIB PMEC	Meaning – Sources of Rural Finance – RRBs – NABARD – – SIDBI – NCDC – Co-Operative Societies – MUDRA – KVIC – GP – DIC – NEEDS - Role – Functions.	15 Hours
	Total Lecture Hours	75
Books	s for Study:	
1.1	K.R. Gupta, (2010), Rural Development in India, Atlantic Publisher.	
Books	for References:	
1. 2.	Sreedhar and Rajasekar, (2014), Rural Development in India – Stra Processes, Concept Publishing Company Pvt. Ltd, New Delhi. N. Lalitha, (2004), Rural Development in India, Emerging Issues a Dominant Publishers, New Delhi.	ategies and nd Trends,
3.	Venkata Reddy. K, (2000), Rural Development in India, Himalaya Publis New Delhi. Katar Singh (1999), Pural Development, Principles, Policies and Manage	hing house,
4.	Publications, New Delhi.	ment, Sage
Web 1	Resources:	
1.	https://commerceaspirant.com/rural-development-class-12-notes-and-solutions-ec	onomics/
2.	https://www.vedantu.com/revision-notes/cbse-class-11-economics-indian-economic	<u>-</u>
3	<u>development-notes-chapter-6</u> https://studytution.com/rural-development-class-12-economics-notes-studytution/	
EXPE	CTED COURSE OUTCOME	K Level
CO1:	enable to understand Rural Environment.	Up to K3
<b>CO2:</b>	enrich about Components of Rural Economy.	Up to K4
CO3:	understand the development process and Rural infrastructure.	Up to K4
<b>CO4:</b>	Explore about rural development Policies and programmes.	Up to K4
CO5:	understand source of rural finance and banking	Up to K4
L	1	

## CO & PO Mappings:

CO/PO	<b>PO 1</b>	PO 2	<b>PO 3</b>	PO 4	PO 5	<b>PO6</b>
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	Hrs	Mode
	Rural Development		111040
I	<b>Rural Development:</b> 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.	555	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.	555	Chalk &talk,ppt
IV	Mahatma Gandhi National Rural Employment GuaranteeScheme (MGNREGS) – Pradhan Mantri Gram SadakYojana(PMGSY) –Pradhan Mantri Aawas Yojana (PMAY) NationalSocial Assistant Programmes (NSAP) –SampoornaGrameenRozgarYojana (SGRY) –SarvaSikshaAbhiyan (SSA) — Make in India – Startups.	555	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.

	Learning Outcome Based Education & Assessment (LOBE) Formative Examination - Blue Print Articulation Mapping – K Levels with Course Outcomes (COs)									
	Section	Section								
Internal	Cos	K Level	MCQ	s	Short Ans	swers	C Either	D		
	000		No. of. Questions	K - Level	No. of. Questions	K – Level	or Choice	Open Choice		
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)		
	Que	No. of stions to be asked	4		3		4	2		
Question Pattern CIA I &	Que	No. of stions to be nswered	4		3		2	1		
II	Mar	ks for each uestion	1		2		5	10		
	Tota eac	ll Marks for ch 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 Mark s	% of (Marks withou t choice)	Consolidat e of %
	K1	2	4	-		6	12	60
	K2	2	2	10	10	24	48	00
	K3	-	-	10	10	20	40	40
CI	K4	-	-	-		-	-	-
ΑI	Mark s	4	6	20	20	50	-	100
	K1	2	-	-		2	4	50
	K2	2	2	10	10	24	48	52
CI	K3	-	4	10		14	28	28
	K4	-	-	-	10	10	20	20
лп	Mark s	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)

				(55)	s)			
			MC	Qs	Short Answers		Section C	Section D
S.No	COs	K - Level	No. of	<b>K</b> –	No. of	K –	(Either / or	(Open
			Questions	Level	Question	Level	Choice)	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(K3)
5	CO5	Up to K4	2	K1&K2	1	K2	2(K4&K4)	1(K4)
No. of Questions to be		10		5		10	5	
Asked		10	5			10	5	
No.e	of Quest	ions to be	10		5		5	3
answered		10		5		5	3	
Marks for each question		1		2		5	10	
Total Marks for each		10		10		25	20	
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	41	
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.								

Section	Section A (Multiple Choice Questions)						
Answer	r All Qu	iestions	(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 (Sho	ort Answers	8)				
Answer	<mark>: All Q</mark> ı	iestions	(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 (Eitl	her/Or Typ	e)				
Answer	r All Qu	iestions	(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: Hi	gher lev	vel of perfo	rmance of the students is to be assessed by attempting higher level of				
Section	- <b>D</b> (Ωn	en Choice)					
Answer Any Three questions (3v10-30 marks)							
O.No	CO	KLevel	Ouestions				
21	CO1	K2	<b>X CONTON</b>				
22	CO2	K3					
23	CO3	K3					
24	<b>CO4</b>	K3					
25	CO5	K4					

# **Summative Examinations - Question Paper – Pattern**



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

Course Name	AGRICUI	LTURAL MARKETIN	١G					
Course Code	21UECE5	21UECE56 L					С	
Category	Elective-II				5	-	5	
NATURE OF	COURSE:	EMPLOYABILITY	SKILL ORIENTED	ENTREF	PRE	NURS	HIP	
COURSE OBJECTIVES: To explore the basic concepts of Agricultural Marketing viz.								
production, pr	oduct policy a	nd marketing research.		1				
1. To enable s	udents to gain	n knowledge on <mark>importal</mark>	nce of Agricultural Mar	keting.				
2. TO provide	e channels of	distribution	i Agricultural inputs.					
4. To impart k	nowledge on t	product warehousing.						
5. Tofacilitate	the students f	to undertake Research in	n Agricultural Marketin	g.				
Unit: I Featu	es of Agricu	tural Marketing	0	<u> </u>				
		1	· 1/ 1	TT' .	•			
Mean	ig - Nature a	ind significance of Ag	ricultural Marketing –	History a	nd	15 U	011100	
Growth of .	Agricultural	Marketing - Scientifi	c Marketing of Far	m Produc	ts:	15 П	ours	
Commandmen	ts of Scientifi	c Marketing – Moderni	zation of Food Grain M	larkets.				
Unit: II Prod	iction of Agr	iculture		01.1				
Agricultural I	roduction: M	leaning – Definition –	- Nature – Scope -	Objectives	-	15 Hours		
Significance of	f Agricultura	<b>Production</b> - Risk a	and Uncertainty in Agr	iculture -	lts			
effects on sup	ply, demand a	nd investment - Crop p	lanning – Marketable a	and Market	ted	10 11	ours	
Surplus.								
Unit: III Cha	Unit: III Channels of Distribution							
Marketing of	Agricultural	products - Market str	ucture - Regulated an	d Organiz	ed			
Markets – W	holesale Dist	ribution - Structure -	Functions and Service	providers	—	15 H	ours	
UzhavarSandl	<mark>ai</mark> – <mark>e-Marketi</mark>	<mark>ng</mark> - Role of Middleme	1.					
TT •4 TT7 D	4 \$ \$ 7 1	•						
Unit: IV Prod	tion of Food	ising		( <u>C</u>	1.1			
Produc		grains - Importance – I	Process – Logistics – S	lorage (Co				
Storage) and	warehousing	- Export Promotion M	leasures - Measures Io	r a Seasoi	nai	15 H	ours	
Marketing Sys	Marketing System.							
Unit: V Agricultural Marketing Research								
Meaning - De	finition of Ma	rketing Research - Obj	ectives of marketing in	vestigation	n -			
Recent trends	in Agricultur	al Marketing - Researc	h areas in Agricultural	Marketing	g -	15 H	ours	
Data sources	in Agricultu	ral Marketing - Inno	vative Approaches in	Agricultu	ral	10 11	Juis	
Marketing.								
			Total Le	ecture Hou	irs	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. <u>http://jnkvv.org/PDF/10042020083748concept%20of%20ag%20markeing\_EgEcon530.pdf</u>
- 2. <u>https://www.insightsonindia.com/agriculture/agricultural-marketing-and-issues/process-of-agricultural-marketing/</u>

EXPECTED COURSE OUTCOME	K Level
On successful completion of the course, the student will be able to	

CO1:	Enable to gain knowledge on agricultural marketing system.	Up to K2
<b>CO2:</b>	Able to understand the Marketing of Agricultural Inputs.	Up to K3
CO3:	Assess the channels of distribution.	Up to K3
<b>CO4:</b>	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	<b>PO 2</b>	<b>PO 3</b>	PO 4	<b>PO 5</b>	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	Una	Mada
UNII	Agricultural Marketing	пт	widue
Ι	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
Π	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.

	Learning Outcome Based Education & Assessment (LOBE) Formative Examination - Blue Print Articulation Mapping – K Levels with Course Outcomes (COs)									
			Section	A	Section	n B	Section	Section		
Internal	Cos	K Level	MCQ	S	Short Ans	swers	C Either	D		
	000	K Levei	No. of. Questions	K - Level	No. of. Questions	K – Level	or Choice	Open Choice		
CI	CO1	Up to K2	2	K1	1	K2	2 (K2,K2)	1 (K2)		
AI	CO2	Up to K3	2	K2	2	K1	2 (K3,K3)	1 (K3)		
CI	CO3	Up to K3	2	K1	1	K2	2 (K2,K2)	1 (K2)		
AII	CO4	Up to K4	2	K2	2	K3	2 (K3,K3)	1 (K4)		
Qu		No. of stions to be asked	4		3		4	2		
Question Pattern CIA I &	Que	No. of stions to be nswered	4		3		2	1		
II	Mar	ks for each uestion	1		2		5	10		
	Tota eac	I Marks for th 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 Mark s	% of (Marks withou t choice)	Consolidat e of %	
	K1	2	4	-		6	12	60	
	K2	2	2	10	10	24	48	00	
	K3	-	-	10	10	20	40	40	
CI	K4	-	-	-		-	-	-	
ΑI	Mark s	4	6	20	20	50	-	100	
	K1	2	-	-		2	4	50	
	K2	2	2	10	10	24	48	52	
CI	K3	-	4	10		14	28	28	
	K4	-	-	-	10	10	20	20	
лп	Mark s	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)

			MC	Qs	Short Answers		Section C	Section D
S.No	COs	K - Level	No. of	K –	No. of	K –	(Either / or	(Open
			Questions	Level	Question	Level	Choice)	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 Quest	tions to be	10		5		10	5
	Aske	ed	10		2		10	5
No.	of Quest	ions to be	10		5		5	3
	answe	red	10		2		5	5
Mark	ts for eac	ch question	1		2		5	10
Tot	al Marks	s for each	10		10		25	20
	secti	on	10		10		25	
	(Figur	es in parenth	esis denotes	, questions	should be as	sked wit	h the given K l	evel)

	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	41		
K3			20	30	50	41.66	42		
K4			10	10	20	16.66	17		
Marks	10	10	50	50	120	100	100		
NB: Hig of K lev	NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels.								

Section	A (Mu	ltiple Choi	ce Questions)
Answer	r All Qu	iestions	(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 (Sho	ort Answers	S)
Answer	<mark>: All Q</mark> ı	iestions	(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 (Eitl	her/Or Typ	be)
Answer	r All Qu	iestions	(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	<u>CO5</u>	K3	
NB: Hi	gher lev -	vel of perfo	rmance of the students is to be assessed by attempting higher level of
K levels			
Section	D (Op	en Choice)	(2x10-20  mowers)
Answer O No		K L aval	Ouestions (5x10=50 marks)
21		K Level	Questions
$\frac{21}{22}$		K2	
22	$CO_2$	KJ K2	
23 24	$CO_4$	КЈ Кл	
24	CO5	<u> </u>	
23	005	ЛJ	

# **Summative Examinations - Question Paper – Pattern**



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

Course Name	DATA A	NALYSIS USING SPR	EADSHEET (PRACT	ICAL)			
Course Code	21UECS	SP1			L	Р	С
Category	Skill				-	2	2
NATURE OF COURSE:		EMPLOYABILITY	SKILL ORIENTED	ENTREPRENURSHIP			
COURSE OBJ	ECTIVES	This course is aimed to	introduce MS Excel and	d make th	ne stud	ents	to
analyse data.	o students :	to understand the functio	nolity of MS Excel				
2. To help the s	students na	vigate in spreadsheet.	nanty of WIS Excel.				
3. To make the	students fa	amiliar with formulae.					
4. To impart kno	owledge or	n creation of charts.					
5. To educate th	e students	to generate Pivot Tables					
Unit: I Introdu	ction to E	xcel					
About MS Ex	cel - Use	es of Excel - Workho	ook and Sheets - Mo	wing bet	ween		
Spreadsheets. S	Selecting I	Multiple Spreadsheets.	Inserting and Deleting	Spreads	sheets	61	Jours
Renaming Sprea	adsheets, S	plitting the Screen, Free	zing Panes, Copying and	d Pasting	Data	01	nours
between Spread	sheets, Hic	ling, Protecting workshe	ets.	0			
Unit: II Colum	ns and Ro	WS					
Selecting Colun	nns and Ro	ws - Changing Column	Width and Row Height -	-Auto fitt	ing		
Columns and Re	ows - Hidin	ng/Unhiding Columns &	Rows - Inserting and De	eleting	U	61	Hours
Columns & Roy	vs – Cell -	Address of a cell - Comp	ponents of a cell – Forma	at – value	: —	01	liouis
formula - Use o	f paste and	paste special.					
Unit: III Creat	ing Formu	ılae					
Using Formulae	- Formula	Functions: Sum, Averag	ge, if, Count, max, min, l	Proper, U	pper,	6F	Hours
Lower, Using A	utoSum –	Vlookup - Hlookup, Mat	ch – Countif – Text – Tr	rim.		01	10415
Unit: IV Creat	ing Charts	5					
Creating Charts	- Differen	t types of charts - Format	tting Chart Objects - Cha	anging th	e	61	Hours
Chart Type - Sh	owing and	Hiding the Legend - She	owing and Hiding the Da	ata Table.		01	liouis
Unit: V Pivot Tables							
Creating PivotT	ables, Mar	nipulating a PivotTable, U	Using the PivotTable To	olbar,			
Changing Data	Field, Prop	erties, Displaying a Pivo	tChart, Setting PivotTab	ole Option	ns -	61	Hours
Adding Subtota	ls to Pivot	Tables.					
			Total I	Lecture H	lours	30	
<b>Books for Stud</b>	y:						
1. Kenneth N.B	erk& Patrie	ck Carey, (2021), Data A	nalysis with MS Excel,	Nelson E	ducatio	on L	td.

### **Books for References:**

1. Michael Alexander, (2020), Excel 2019 Bible, Wiley, 1<sup>st</sup> 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	Course Outcomes				
The Students can					
CO1:	Understand the functionality of MS Excel.	Up to K2			
<b>CO2:</b>	Navigate in spreadsheet.	Up to K3			
CO3:	Familiar with formulae	Up to K4			
<b>CO4:</b>	Impart knowledge on creation of charts	Up to K4			
CO5:	Generate Pivot Tables	Up to K4			

### CO & PO Mapping:

COS	PO 1	PO 2	<b>PO 3</b>	PO 4	<b>PO 5</b>	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
<b>CO 4</b>	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
п	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.





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

Course Code         21/UECC6         L         P           Category         Core         6         -           NATURE OF         EMPLOYABILITY         SKILL ORIEND         ENTREVENT           COURSE OBJECTIVES:         EMPLOYABILITY         SKILL ORIEND         ENTREVENT           Function and Point         Macro Analysis.         Intro offer crystal decretation.         Introoffer crystal decretation.         Intro offer	C 4 SHIP
CategoryCore6NATURE OFEMPLOYABILITYSKILL ORIENDENTREFENENTCOURSE OBJECTIVES:EMPLOYABILITYSKILL ORIENDENTREFENENTFunction and PersonMacro Analysis.Intro offer cryster idea ridea or Investment Functionalysis.Intro offer cryster idea ridea or Investment Function.1. To offer cryster idea ridea or Investment Function.Intro offer cryster idea ridea or Investment Function.Interfer cryster idea ridea or Investment Function.3. To help stude the theories of Business CycleInterfer cryster idea ridea or Investment Function.Interfer cryster idea ridea or Investment Function.	4 SHIP
NATURE OF COURSE:EMPLOYABILITYSKILL ORIENTEDENTREPRENURSCOURSE OBJECTIVES:The course intends to grant thorough knowledge on InvestmentFunction 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	SHIP
<ul> <li>COURSE OBJECTIVES: The course intends to grant thorough knowledge on Investment Function and Post Keynesian Macro Analysis.</li> <li>1. To offer crystal clear idea on Investment Function.</li> <li>2. To illustrate the functionality of Multiplier and Accelerator.</li> <li>3. To help students to understand the Theories of Inflation.</li> <li>4. To demonstrate the theories of Business Cycle</li> </ul>	
<ol> <li>To offer crystal clear idea on Investment Function.</li> <li>To illustrate the functionality of Multiplier and Accelerator.</li> <li>To help students to understand the Theories of Inflation.</li> <li>To demonstrate the theories of Business Cycle</li> </ol>	
5. To explicate post Keynesian Macro Analysis.	
Multiplier: Definition – Working of Multiplier – MPC and Multiplier – Assumptions – Leakages – Types - Static and Dynamic Multipliers – Accelerator: Meaning – Significance – Illustrations – Limitations – Super Multiplier.	ours
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.	ours
Unit: III Theories of Business Cycle	
Definition – Characteristics – Phases – Types –Theories: Sunspot theory – Psychological theory – Hicks theory – Samuelson's Trade Cycle Model - Kaldors 14 H Model of Trade Cycle.	ours
Unit: IV Post Keynesian Macro Analysis	
Post Keynesian Macro Analysis – General Equilibrium of Monetary and Real Sector – Contribution of Hicks, Hansen – IS and LM – DiagramNature and Extent of Keynesian Revolution – Criticisms - Monetarism verses Keneysianism.	ours
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 H	ours

	Total Lasture Hours	00					
	Total Lecture Hours	90					
Books	s for Study:						
1.	Sankaran .S, (2016), Macro Economics, Margham Publications.						
2.	Jhingan M.L, (2014), Macro Economic Theory, Vrinda Publications Pvt. Ltd, 12 <sup>t</sup>	<sup>h</sup> 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	s, 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, S. Chand					
	& Company Ltd, New Delhi.						
Web 1	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						
EXPE	CCTED COURSE OUTCOME On successful completion of the course,	K I ovol					
the stu	ident will be able to	K Level					
CO1:	Illustrate the functionality of Multiplier and Accelerator.	Up to K2					
<b>CO2:</b>	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	<b>PO 3</b>	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

Academic Council Meeting Held on 20.04.2023

### LESSON PLAN

UNIT	SUBJECT NAME	Hrs	Mode
	Macro Economics - II		
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 – DiagramNature 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)									
	Articu		Section	n A	Section B		Section	Section	
Internal	Cos	K Level	MCQ No. of. Question s	s K - Level	Short An No. of. Question S	swers K – Level	Either or Choice	D Open Choice	
СІ	CO1	Up to K2	2	K1	1	K2	2 (K2,K2)	1 (K2)	
AI	CO2	Up to K3	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)	
	No. of Q be a	uestions to asked	4		3		4	2	
Question Pattern	No. of Q be an	uestions to swered	4		3		2	1	
CIA I & II	Marks que	for each estion	1		2		5	10	
	Total Mai sec	rks for each	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 %		
	K1	2	4	-		6	12	60		
	K2	2	2	10	10	24	48	00		
СТА	K3	-	-	10	10	20	40	40		
	K4	-	-	-		-	-	-		
•	Marks	4	6	20	20	50	-	100		
	K1	2	-	-		2	4	50		
	K2	2	2	10	10	24	48	52		
CIA	<b>K3</b>	_	4	10		14	28	28		
II	K4	_	_	-	10	10	20	20		
	Marks	4	6	20	20	50	100	100		

K1- Remembering and recalling facts with specific answers

 $\ensuremath{\mathbf{K2}}\xspace$  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.

Sum	Summative Examination – Blue Print Articulation Mapping – K Level with Course Outcomes									
(COs)										
			MC	Qs	Short An	swers	Section C	Section D		
S.No	COs	K - Level	No. of	K –	No. of	K –	(Either / or	(Open		
			Questions	Level	Question	Level	Choice)	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 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 Quest	tions to be	10		5		10	5		
	Aske	ed	10		3		10			
No.	of Quest	ions to be	10		5		5	2		
	answe	red	10		5		5	1(K3) 1(K3) 5 3 10		
Marks for each question		1		2		5	10			
Total Marks for each		10		10		25	30			
section		on	10		10		23	30		
	(Figure	es in parenth	esis denotes.	questions	should be as	sked witl	h the given K l	evel)		

	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	41			
K3			20	30	50	41.66	42			
K4			10	10	20	16.66	17			
Marks	10	10	50	50	120	100	100			
NB: Hig of K lev	NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels.									

Section	Section A (Multiple Choice Questions)							
Answer	r All Qu	iestions	(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 (Sho	ort Answers	5)					
Answer	<mark>: All Q</mark> ı	iestions	(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 (Eitl	her/Or Typ	e)					
Answer	r All Qu	iestions	(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	<u>K3</u>						
20) a	CO5	K4						
20) b	<u>CO5</u>	<u>K4</u>						
NB: Hi	gher lev	vel of perfo	rmance of the students is to be assessed by attempting higher level of					
Soction	<u>,</u> D(Or	on Choice)						
Answer	· Δην Τ	hree anost	ions (3x10-30 morbs)					
		K Lovel	Onections (JAIU-30 Marks)					
21	C01	K2	Zucstions					
22	$CO^2$	K3						
23	CO2	K4						
23	CO4	K3						
25	C05	K3						
23	005	115						

# **Summative Examinations - Question Paper – Pattern**



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

Course Name	INDIA	INDIAN ECONOMY							
Course Code	21UEC	C62			L	Р	С		
Category	Core				6	-	4		
NATURE OF COURSE:		EMPLOYABILITY	SKILL ORIENTED	ENTREF	REN	URS	HIP		
COURSE OBJ	ECTIVE	<b>S:</b> This subject is high	hly useful for students to	know co	ntem	pora	ry		
issues of India	issues of Indian Economy.								
<ol> <li>To acquire sufficient knowledge about Indian Economy.</li> <li>To develop an orientation on recent agricultural developments in India.</li> <li>To give the basic knowledge about the industrial developments in India.</li> <li>To know the role of financial sector in India.</li> <li>To enable the students to analyze various problems pertaining to Indian Economy.</li> </ol>									
Unit: I Introd	uction								
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.							ours		
Unit: II Agric	Unit: II Agriculture Sector								
Role of Agriculture an Share in Natio Green Revoluti	Agricul d Industonal Inc dion – Foc	tural in Economic De ry - Contribution of ome - Agricultural 1 od Security in India –	velopment - Relationshi Agriculture in Indian E Productivity - Cropping Indian Agriculture towar	p betwee Economy Pattern ds 2030.	n - 1 -	8 H	ours		
Unit: III Indu	strial Se	ector							
Role of Industrial Polic India :Role - Five-Year plan	<sup>7</sup> Public cy of 19 Problem <mark>s – Indu</mark>	Sector in Indian Ecc 991, <mark>2009, 2014 and</mark> s –Industrial Finance strial Sickness.	onomy – Growth - Perf <mark>2019</mark> - Small Scale Ind e – <mark>Industrial Developm</mark>	ormance dustries i <mark>ent unde</mark>	- n 1 r	8 H	ours		
Unit: IV Final	ncial Se	ctor							
Financia Indian Econor Development o crisis – Causes	Financial Sector       Financial Sector       India – Types – Role of Financial Sector       Indian Sector       Indian Economy         Indian Economy       – Importance       of Foreign       Trade       for Indian Economy-         Development of Indian Capital Market and Money Market-SEBI – Financial       Financial       18 Hours         crisis – Causes – Controls.       Financial       Financial       Financial								
Unit: V Proble	ems and	Policies in Indian E	conomy						
Poverty. Consequences	, Inequ -Region	alityand Unemploy al Disparities in India	<mark>ment in India</mark> – <mark>Ca</mark> - Broad achievements a	uses an nd failure	d 1 s	<b>8 H</b>	ours		

of Ind	ia's Five Year Plans – <mark>NITI Aayog</mark> – <mark>New Logistic Policy 2022</mark> -	
Popula	tion Policies in India – Challenges faced by Indian Economy due to	
Covid-	-19 <mark>.</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, Mu	mbai.
Books	for References:	
1. R	amesh Singh, (2019), Indian Economy, McGraw Hill Education, Noida.	
2. U	ma Kapila, (2019), Indian Economy, Academic Foundation.	
3. S	.Sankaran, (2018), Indian Economy, Margham Publications.	
4. L	akshmi Kanth.M. (2011), Indian Economy, McGraw Hill Education, Noida	1.
Web H	Resources:	
1.	https://unacademy.com/content/ssc/study-material/indian-economy/nature-of-india	n-economy/
2.	https://www.studyadda.com/notes/upsc/economics/indian-economy	
	%E0%A4%AD%E0%A4%B0%E0%A4%A4%E0%A4%AF-	
	<u>%E0%A4%85%E0%A4%B0%E0%A4%A5%E0%A4%B5%E0%A4%AF%E0</u>	<u>%A4%B5</u>
	%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-2222	22/
EXPE	CTED COURSE OUTCOME	K Level
CO1:	Associate Mixed Economy with other Economic Systems.	Up to K3
<b>CO2:</b>	Understand the structure and the importance of Agriculture sector.	Up to K4
<b>CO3</b> :	Manipulate the effects of industrial policies.	Up to K4
<b>CO4</b> :	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	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	PO 4	<b>PO 5</b>	<b>PO6</b>
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	Hrs	Mode
	Indian Economy		
Ι	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
п	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	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 Manning - K Levels with Course Outcomes (COs)								
	1110		Section A		Section	B	Section	Section
Internal	Cos	K Level	MCQ	S	Short Ans	swers	C Either	D
	COD	II Level	No. of. Questions	K - Level	No. of. Questions	K – Level	or Choice	Open Choice
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)
Q		No. of stions to be asked	4		3		4	2
Question Pattern CIA I &	Que	No. of stions to be nswered	4		3		2	1
II	Mar	ks for each question	1		2		5	10
	Tota eac	ll Marks for ch 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 Mark s	% of (Marks withou t choice)	Consolidat e of %				
	K1	2	4	-		6	12	60				
	K2	2	2	10	10	24	48	00				
	K3	-	-	10	10	20	40	40				
CI	K4	-	-	-		-	-	-				
AI	Mark s	4	6	20	20	50	-	100				
	K1	2	-	-		2	4	50				
	K2	2	2	10	10	24	48	52				
CI	K3	-	4	10		14	28	28				
	K4	-	-	-	10	10	20	20				
	Mark s	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)

			MC	Qs	Short An	swers	Section C	Section D
S.No	COs	K - Level	No. of	K –	No. of	K –	(Either / or	(Open
			Questions	Level	Question	Level	Choice)	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(K3)
5	CO5	Up to K4	2	K1&K2	1	K2	2(K4&K4)	1(K4)
No.	of Quest	ions to be	10		5		10	5
	Aske	ed	10		3		10	3
No.	of Quest	ions to be	10		5		5	3
	answe	red	10		2		5	5
Mark	ts for eac	ch question	1		2		5	10
Total Marks for each		10		10		25	20	
	section	on	10		10		25	30
	(Figure	es in parenth	esis denotes	, questions	should be as	sked witl	h the given K l	evel)

	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	41					
K3			20	30	50	41.66	42					
K4			10	10	20	16.66	17					
Marks	10	10	50	50	120	100	100					
NB: Hig of K lev	NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels.											

Section	A (Mu	ltiple Choi	ce Questions)
Answei	: All Qu	iestions	(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 (Sho	ort Answers	3)
Answei	: All Qu	iestions	(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 (Eitl	her/Or Typ	e)
Answei	· All Qu	iestions	(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: Hi	gher lev	vel of perfo	rmance of the students is to be assessed by attempting higher level of
K levels	5		
Section	D (Op	en Choice)	
Answei	· Any T	hree quest	ions (3x10=30 marks)
Q.No	CO	K Level	Questions
21	<b>CO1</b>	K3	
22	CO2	K3	
23	CO3	K3	
24	CO4	K3	
25	CO5	K4	

# **Summative Examinations - Question Paper – Pattern**



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

Course Name	PR	PROJECT AND VIVA - VOCE								
Course Code	210	UECPR1 L P C								
Category	Cor	Core 6 - 4								
Nature of course:         EMPLOYABILITY         SKILL ORIENTED         ENTREPR						IEURS	HIP			

**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.

EXPE On suc	K Level	
CO1:	Identify key reference documents to help guide the structure and style of the report.	Up to K3
<b>CO2:</b>	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
<b>CO4:</b>	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	<b>PO 2</b>	<b>PO 3</b>	PO 4	PO 5	<b>PO 6</b>
CO 1	3	2	2	2	2	3
CO 2	3	3	2	2	2	3
CO 3	3	2	3	3	3	3
<b>CO 4</b>	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	ENTREP	RENEURSHIP DEVE	LOPMENT				
Course Code     21UECE61						Р	С
Category	Elective -	Ι			5	-	5
NATURE OF	COURSE:	EMPLOYABILITY	SKILL ORIENTED	ENTREPR	ENU	JRSH	IIP
COURSE OBJ	<b>ECTIVES:</b>	To enable students acq	uire knowledge of entre	epreneurship.			
<b>1.</b> To develop k	nowledge to	owards entrepreneurship	).				
2. To attain kno	wledge on r	notivation theories.					
3. To gain awar	eness about	the women entreprenet	irs.				
4. Tounderstand	l the entrepr	eneurship development	programmes.				
<b>5.</b> To identify the	ne entrepren	eurial development age	ncies.				
Unit: I Introdu	iction						
Entrepreneur:	Meaning _	- Definition –Charac	teristics-Types of En	trepreneurs	_		
Functions-Qual	ities of a S	uccessful Entrepreneur	r = Factors Affecting F	Entrepreneuri	al		
Growth - Entr	epreneurshi	p: Meaning - Differe	ence between Entrepre	eneurship ar	$d^{1}$	15 Ho	ours
Entrepreneur - I	Role of Entr	epreneurship in Econor	nic Development.	r			
		I I I I I I I I I I I I I I I I I I I	I I I I I I I I I I I I I I I I I I I				
Unit: II Motiva	ation of Ent	repreneurs					
Entrepreneur	ial Motivati	ion -Motivation Theor	ies-(David Mc Cleland	l)- Motivatir	ng		
Factors– Entre	preneurial	Mobility – Factors	Influencing Mobility	– Need f	or 1	15 Ho	ours
Entrepreneurshi	p Developn	nent Programme – Obje	ctives of EDP'S.		_		/
Unit: III Wom	en Entrenr	eneurshin					
	en Entrepro	cheursmp					
Women	Entreprene	urs: – Types - Oppor	tunities and Porgramm	es for wome	en		
entrepreneurshi	p –Role c	of SHGs in Women	Entrepreneurship - 1	Problems ar	nd 1	15 Ho	ours
Challenges. Run	al Entreprei	neurship: Importance,	ssues and Challenges –	Remedies.			
Unit: IV Entre	preneurshi	p Development in Indi	a				
	· · · ·						
Entrepre	eneurship in	India – Small Enterpris	es- Types of Small Sca	le Industries	-		
Project Identification and Selection of Business idea – Generating business idea –						15 Ho	ours
reasibility study – formation of the business plan.							
Unit: V Entrepreneurial Development Agencies							
Institutio	nal Finana	a to Entranzonaura	Commercial Banks I				
		= 10  Entrepretients = 0	DRI - FXIM RANK '	DDI – IFUI FIIC NRIC			
DIC - Industria	l Estates _ <mark>^</mark>	biectives and Function				15 H(	ours
DIC – muusina	i Estates – <mark>U</mark>	ojectives and Functions	<b>·</b>				

Volume V	– Arts	Syllabus /	2023 -	2024
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	Total Lecture	Hours	75
Books	for Study:		
1. Khai	nha S.S., (2012), "Entrepreneurial Development", S.Chand & Company Lt	d., New	Delhi,
5+h Edi	tion	,	,
Stil Eu	11011.		
Books	for References:		
1. Sa	ngeetha Sharma, (2016), "Entrepreneurship Development", PHI Learning	Pvt.Ltd,	New Delhi
2. Gi	upta C.B. & Srinivasan N.P., (2013), Entrepreneurial Development, Sultan	Chand &	z Sons.
Web R	desources:		
1.	https://www.iare.ac.in/sites/default/files/lecture_notes/IARE_Entrepreneuri	al_Develo	opment_NC
	TES.pdf		
2.	https://www.pasc.edu.in/wp-content/uploads/2021/04/ENTREPRENEURSH	IP-	
	DEVELOPMENT-III-BBA.pdf		
EXPE On suc	<b>CTED COURSE OUTCOME</b> cessful completion of the course, the student will be able to	ŀ	K Level
on sue	completion of the course, the student will be uple to		
CO1:	Remember the concepts and realize the role of entrepreneurship in	τ	Jp to K2
001	EconomicDevelopment.		<b>F</b>
CO2:	Acquire knowledge on motivation theories and Entrepreneurship	ι	Jp to K3
<u>CO3.</u>	Development programmes.		In to K3
	Obtain the awareness on Women Entrepreneurship.	<u> </u>	
CO4:	Understand and identify the sources of entrepreneurship.	l	p to K3
CO5:	Comprehend idea on Entrepreneurship Development Agencies.	ι	Jp to K4

### CO & PO Mappings:

COS	PO 1	<b>PO 2</b>	<b>PO 3</b>	PO 4	<b>PO 5</b>	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
<b>CO 4</b>	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**

TINITT	SUBJECT NAME	IIma	Mada
UNII	Entrepreneurship Development	пг	widde
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
Π	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	<ul> <li>Women Entrepreneurs: - Types - Opportunities and Porgrammes for women entrepreneurship -Role of SHGs in Women Entrepreneurship</li> <li>Problems and Challenges. Rural Entrepreneurship: Importance, Issues and Challenges - Remedies.</li> </ul>	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 Manning – K Levels with Course Outcomes (COs)									
	Aitic		Section	A A	Section	n B	Section	Section D Open Choice	
Internal	Cos	K Level	MCQ	S	Short Ans	swers	C Fither		
	005	K Level	No. of. Questions	K - Level	No. of. Questions	K – Level	or Choice		
CI	CO1	Up to K2	2	K1	1	K2	2 (K2,K2)	1 (K2)	
AI	<b>CO2</b>	Up to K3	2	K2	2	K1	2 (K3,K3)	1 (K3)	
CI	CO3	Up to K3	2	K1	1	K2	2 (K2,K2)	1 (K2)	
AII	<b>CO4</b>	Up to K3	2	K2	2	K3	2 (K3,K3)	1 (K3)	
	No. of Q	No. of Questions to be asked			3		4	2	
Question Pattern	No. of Q be an	Questions to nswered	4		3		2	1	
CIA I & II	Marks qu	Marks for each question			2		5	10	
	Total I each	Marks for section	4		6		10	10	

		Dist	ribution of N	Iarks with	n 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 Mark s	% of (Marks withou t choice)	Consolidat e of %
	K1	2	4	-		6	12	60
	K2	2	2	10	10	24	48	00
СТ	K3	-	-	10	10	20	40	40
	K4	-	-	-		-	-	-
111	Marks	4	6	20	20	50	-	100
	K1	2	-	-		2	4	50
CI	K2	2	2	10	10	24	48	52
	K3	-	4	10	10	24	48	28
A II	<b>K</b> 4	-	-	_	_			20
11	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

Sum	Summative Examination – Blue Print Articulation Mapping – K Level with Course Outcomes										
(COs)											
			MC	Qs	Short An	swers	Section C	Section D			
S.No	COs	K - Level	No. of	K –	No. of	K –	(Either / or	(Open			
			Questions	Level	Question	Level	Choice)	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 Quest Ask	tions to be ed	10		5		10	5			
No.	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				
	(Figur	es in parenth	esis denotes	, questions	should be as	sked wit	h the given K l	evel)			

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

		D	istribution 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	41	
K3			20	30	50	41.66	42	
K4			10	10	20	16.66	17	
Marks	10	10	50	50	120	100	100	
NB: Hig of K lev	NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels							

Section	Section A (Multiple Choice Questions)							
Answer	: All Qu	iestions	(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 (Sho	ort Answers	S)					
Answer	: All Qu	iestions	(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 (Eitl	her/Or Typ	e)					
Answer	· All Qu	iestions	(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: Hi	gher lev	vel of perfo	rmance of the students is to be assessed by attempting higher level of					
K levels	5							
Section	D (Op	en Choice)						
Answer	· Any T	hree quest	ions (3x10=30 marks)					
Q.No	CO	K Level	Questions					
21	CO1	K2						
22	CO2	<u>K3</u>						
23	CO3	<u>K3</u>						
24	CO4	K3						
25	CO5	K4						

# **Summative Examinations - Question Paper – Pattern**



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

Course Name	ENVIRONMI	ENTAL ECONOM	IICS					
Course Code	21UECE62			L	Р	С		
Core	Elective - I			5	-	5		
NATURE OF	COURSE: EN	MPLOYABILITY	SKILLORIENTED	ENTREPRE	NURS	HIP		
COURSE OBJ	ECTIVES: Thi	is course aims to ci	reate awareness on the	importance	of			
Environmenta	Economics							
1. To understand the nature and scope of Environmental Economics 2. To realize the impact of Environmental Pollution								
3. To com	rehend the envi	ronmental and social	al responsibility to Cons	serve Resourc	es.			
4. To asses	s the environme	ental policies in prac	ctice.					
5. To sense	tize environmen	tal issues and challe	enges through media.					
Unit: I Ba	ics of Environ	mental Economics			15 H	ours		
Econor	nics and Enviro	onment: -Meaning	- Scope and Signific	cance of Env	vironm	ental		
Economics – I	<mark>cology</mark> - Envir	conment as public	good - <mark>Externalities</mark> -	Conservation	of Na	itural		
Resources – En	vironment and E	Economic Developn	nent.					
Unit: II En	ironmental Poll	ution and Effects			15 H	ours		
Environ	nental Issues in	Developed and Do	eveloping Economies -	Environmenta	ıl Pollı	ition:		
Air, Water, Lar	d, Nuclear - Cau	uses - Consequences	s - Remedial Measures	– Deforestatio	on and	Wild		
Life – Human H	opulation and E	nvironment.						
Unit: III En	ironmental Prot	tection			15 H	ours		
Environmental	cost of Econom	ic Growth - Cost-B	enefit Analysis - Socia	l Cost Benefi	t Anal	ysis -		
Sustainable Dev	elopment - Role	e of NGO - CHIPK	O Movement - Corpora	te Social Res <sub>l</sub>	onsibi	lity -		
Institutional So	ial Responsibili	ity - Environmental	Auditing.					
Unit: IV Pol	cy Measures				15 H	ours		
Environmental	policy: Approa	ches – Moral Su	asion – Direct control	– Role of o	official	and		
Voluntary Age	cies – National	and State pollution	control boards - Pollu	tion Control a	nd Eff	luent		
fees - India's E	vironmental Po	licies.						
Unit: V En	vironment and	Media			15 H	ours		
Role of Media	n Environmenta	al Protection - Socia	al Media and Environm	ent - Knowled	lge Sh	aring		
in Environment	and Media – Gr	een Marketing.						
			Total Le	ecture Hours	75 H	ours		
Books for Stu	dy:				1			
1. S.P Mis Student Editi	a & S.N Pandey on, New Delhi.	y, (2014), Essential	Environemntal Studies,	(3 <sup>rd</sup> Edition),	Ane's			

2.	Sankaran, S. (2004), EnvironmentalEconomics, MarghamPublications, Chennai.						
Book	s for References:						
1. Ka Lii	arpagam, M., (2001), Environmental Economics, Sterling Publications Private nite, New Delhi.						
2. Ga Pu	nesamurthy, V.S., (2009), Environmental Economics in India, New Century blications, New Delhi.						
3. Eu	gine, T., (2004), Environmental Economics, Vrinda Publications(P)Ltd, Delhi.						
4. Sa	nkar, (2003), U, Environmental Economics, Oxford University Press, NewDelhi.						
Web	Resources:						
https:	https://www.msuniv.ac.in/Download/Pdf/84cb78a7213448a						
EXP	ECTED COURSE OUTCOME	K Level					
At th	e end of the course, students will be able to						
C01:	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					
<b>CO</b> 4:	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	<b>PO 3</b>	PO 4	<b>PO 5</b>	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	Hrs	Mode
UNII	<b>Environmental Economics</b>		
	Economics and Environment: -Meaning - Scope and Significance of		Chalk
Ι	Environmental Economics – Ecology - Environment as public good -	15	&Talk,
	Externalities - Conservation of Natural Resources – Environment and Economic Development		PP1
	Environmental Issues in Developed and Developing Economies -		Chalk
	Environmental Pollution: Air, Water, Land, Nuclear - Causes -	1 -	&Talk,
11	Consequences - Remedial Measures - Deforestation and Wild Life -	15	<b>PPT</b>
	Human Population and Environment.		
	Environmental cost of Economic Growth - Cost-Benefit Analysis -		Chalk
ш	Social Cost Benefit Analysis - Sustainable Development - Role of	15	&Talk.
	NGO - CHIPKO Movement - Corporate Social Responsibility -		Assignment
	Environmental policy: Approaches Moral Sussion Direct control		_
	- Role of official and Voluntary Agencies - National and State		Chalk
IV	pollution control boards - Pollution Control and Effluent fees -	15	&Talk,
	India's Environmental Policies.		Assignment
	Role of Media in Environmental Protection - Social Media and		Chalk
V	Environment - Knowledge Sharing in Environment and Media -	15	&Talk,
	Green Marketing.		Seminar

Course Designed by: Dr.S.Palani, Associate Professor and Head 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)									
			Section	A	Section	n B	Section	Section	
Internal	Cos	K Level	MCQ	s	Short Ans	swers	C Either	D	
			No. of. Questions	K - Level	No. of. Questions	K – Level	or Choice	Open Choice	
CI	CO1	Up to K2	2	K1	1	K2	2 (K2,K2)	1 (K2)	
AI	CO2	Up to K3	2	K2	2	K1	2 (K3,K3)	1 (K3)	
CI	CO3	Up to K3	2	K1	1	K2	2 (K2,K2)	1 (K2)	
AII	CO4	Up to K4	2	K2	2	K3	2 (K3,K3)	1 (K4)	
	Que	No. of stions to be asked	4		3		4	2	
Question Pattern CIA I &	Que	No. of stions to be nswered	4		3		2	1	
II	Mar	ks for each question	1		2		5	10	
	Tota eac	ll Marks for th 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 Mark s	% of (Marks withou t choice)	Consolidat e of %		
	K1	2	4	-		6	12	60		
	K2	2	2	10	10	24	48	00		
CI	K3	-	-	10	10	20	40	40		
	K4	-	-	-		-	-	-		
111	Marks	4	6	20	20	50	-	100		
	K1	2	-	-		2	4	50		
CI	K2	2	2	10	10	24	48	52		
	K3	-	4	10		14	28	28		
	K4	-	-	-	10	10	20	20		
11	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

Summative Examination – Blue Print Articulation Mapping – K Level with Course Outcomes								
(COs)								
S.No	COs	K - Level	MCQs		Short Answers		Section C	Section D
			No. of	K –	No. of	K –	(Either / or	(Open
			Questions	Level	Question	Level	Choice)	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
(Figures in parenthesis denotes, questions should be asked with the given K level)								

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

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	41	
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.								

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 (Sho	ort Answers	3)			
Answer	<mark>: All Q</mark> ı	iestions	(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 (Eitl	her/Or Typ	e)			
Answer	r All Qu	iestions	(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	<u>CO5</u>	K3				
NB: Hi	gher lev	vel of perfo	rmance of the students is to be assessed by attempting higher level of			
K levels						
Section D (Open Unoice) Answer Any Three questions						
		K L ovol	Ouestions (JX10=30 IIIarKS)			
21	C01	K2	Questions			
21	CO1	K2				
22	$\frac{CO2}{CO3}$	K3 K3				
$\frac{23}{24}$	C03	K3				
2 <del>4</del> 25	C04	KJ KA				
23	005	174				

# **Summative Examinations - Question Paper – Pattern**



# 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						С		
Category	Elective-I					-	5		
NATURE OF COURSE:	NATURE OF COURSE: EMPLOYABILITY SKILL ORIENTED ENTREPR						HIP		
COURSE OBJ	ECTIVES	: This course aims to	provide handful of know	owledge o	n				
fundamentals of	fundamentals of Econometrics								
1. To help th	1. To help the students to comprehend the basic concepts of econometrics.								
2. To equip t	the stude	nts with knowledge	on BLUE properties.	_					
3. To enable	the stude	ents to compute the o	coefficients of Simpl	e Regress	sion	Mod	el.		
4. To guide t	the stude	its to grab knowledg	ge on General Linear	Model.					
5. To help th	e student	s to assess the probl	ems in framing Ecor	iometric	Mo	dels.			
Unit: Introdu	ction								
Definitio	on <mark>and Sco</mark>	be of Econometrics –	Relationship between e	conometri	cs,				
mathematical e		and statistics – Goa	als - Division - Met	hodology	of	15 H	ours		
Econometrics –	Theoretica	l and Applied Econome	etrics - Limitations of Ec	conometric	S				
Unit: II <mark>Simple</mark>	Linear R	egression Model(Part-	D						
Introduc	tion – Sto	chastic and Non-Stoch	astic Relations – Rando	om Variab	le:				
Meaning – Reas	ons for inc	elusion – Assumptions	of Linear stochastic regr	ession mod	del	15 Hours			
– Least square e	stimation -	- BLUE properties.					0		
Unit: IIISimpl	e Linear H	Regression Model(Part	t-II)	Canada	nd				
variance	bood moth	oda Standard Error J	$\begin{array}{llllllllllllllllllllllllllllllllllll$	Square a	.na +	15 H	ours		
	noou mem	$\cos - \sin \cos - \sin \cos \sin \cos \sin $	Test of $p_0$ and $p_1 - Z$ te	$s_1 - t tes$	<b>.</b> –	15 11	ours		
	vais ior p	$_0$ and $p_1$ Goodness of r	TIK.						
Unit: IV The G	eneral LI	tions Estimation and P	roperties of Estimators:	Un_hiasnes					
- Tests of signifi	icance of e	stimates – Coefficient of	of determination – Linea	r Regressio	on	15 H	ours		
to Non-Linear Relationships.									
Unit: VAnalysis of Variance									
ANOVA	: Meaning	g – Comparison with R	egression Analysis. Au	tocorrelatio	on:	1 <i>5</i> II			
Meaning – Causes. Heteroscadasticity: Meaning – Reasons. Multicollinearity: Meaning						15 H	ours		
– Keasons.									
			<b>T</b> . (.) <b>T</b> .	4 TT		75			
			I otal Le	ecture Hou	irs	15			
Books for Study:									
1. Gujarathi, D.N: Basic Econometrics, Fourth Edition, Tata McGraw-Hill, New Delhi.									
Books for References:									
Academic Council Meeting Held on 20.04.2023							58		
- 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. <u>http://web.mit.edu/14.02/www/S02/lectures/metrics.pdf</u>
- 2. https://ddceutkal.ac.in/Syllabus/MA\_Economics/Econometrics.pdf
- 3. <u>https://doonuniversity.ac.in/admin/assets/uploads/docs/econometrics%20513.pdf</u>

EXPE On suc	CTED COURSE OUTCOME ccessful completion of the course, the student will be able to	K Level
CO1: CO2:	Comprehend the basic concepts of econometrics. Acquire knowledge on BLUE properties.	Up to K3 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	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	PO 4	<b>PO 5</b>	<b>PO 6</b>
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 <sub>i</sub> – Sampling Distribution of LSE – Least Square and maximum likelihood methods – Standard-Error Test of $\beta_0$ and $\beta_1$ – 'Z' test – 't' test – confidence intervals for $\hat{\beta}_0$ and $\hat{\beta}_1$ Goodness of Fit R <sup>2</sup> .	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 Manning – K Levels with Course Outcomes (COs)										
Section A Section B								Section			
Internal	Cos	K Level	MCQs		Short Answers		C Either	D			
	000		No. of. Questions	K - Level	No. of. Questions	K – Level	or Choice	Open Choice			
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 K3	2	K1	1	K2	2 (K2,K2)	1 (K2)			
AII	CO4	Up to K4	2	K2	2	K3	2 (K3,K3)	1 (K4)			
	Que	No. of stions to be asked	4		3		4	2			
Question Pattern CIA I &	Que	No. of stions to be nswered	4		3		2	1			
II	Mar	ks for each uestion	1		2		5	10			
	Tota eac	I Marks for th 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 Mark s	% of (Marks withou t choice)	Consolidat e of %
	K1	2	4	-		6	12	60
	K2	2	2	10	10	24	48	00
СТ	K3	-	-	10	10	20	40	40
	K4	-	-	-		-	-	-
	Marks	4	6	20	20	50	-	100
	K1	2	-	-		2	4	50
CI	K2	2	2	10	10	24	48	52
	K3	-	4	10		14	28	28
	K4	-	-	-	10	10	20	20
11	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.

Sum	Summative Examination – Blue Print Articulation Mapping – K Level with Course Outcomes								
	MCOs Short Answers Section C Section D								
S.No	COs	K - Level	No. of	K –	No. of	K –	(Either / or	(Open	
			Questions	Level	Question	Level	Choice)	Choice)	
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 Ques Ask	tions to be ed	10		5		10	5	
No.	of Quest answe	ions to be cred	10		5		5	3	
Mark	s for ea	ch question	1		2		5	10	
Total Marks for each section			10		10		25	30	
	(Figur	es in parenth	esis denotes	, questions	should be a	sked wit	h the given K l	evel)	

	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	41			
K3			20	30	50	41.66	42			
K4			10	10	20	16.66	17			
Marks	10	10	50	50	120	100	100			
NB: Hig	gher level of p	erformance o	of the students	s is to be asse	essed by a	attempting	higher level			

of K levels.

Section	A (Mu	ltiple Choi	ce Questions)
Answer	r All Qu	iestions	(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 (Sho	ort Answers	3)
Answer	<mark>: All Q</mark> ı	iestions	(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 (Eitl	her/Or Typ	e)
Answer	r All Qu	iestions	(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	<u>CO5</u>	K3	
NB: Hi	gher lev -	vel of perfo	rmance of the students is to be assessed by attempting higher level of
K levels			
Section	D (Op	en Choice)	(2x10-20  mowes)
Answer O No		I I aval	Ouestions (5x10=50 marks)
21		K Level	Questions
$\frac{21}{22}$		KJ KA	
22	$CO_2$	N4 K2	
23 24	$CO_4$	КЈ V/	
24	CO5	N4 V2	
23	005	ЛJ	

# **Summative Examinations - Question Paper – Pattern**



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

Course Name	POP	ULATION STUDIES					
Course Code	<b>21</b> U	ECE64			L	Р	С
Category	Elec	Elective-II					
NATURE OF COURSE:		EMPLOYABILITY	SKILL ORIENTED	ENTREP	RENU	JRSH	IIP
COURSE OBJ	ECTI	<b>VES:</b> To expose the stud	dents on Demographic T	ransition a	nd Po	opula	tion
Poincies.1. To explore2. To evaluat3. To focus t4. To analyse5. To appraisUnit: I Basics ofPopulatistudies — CauseUnit: II TheorMalthusiaDoubleday's DSpencer's biologe	e the s the The he effice the f the the f of <b>Poj</b> on Stu es and <b>ries o</b> ntheo iet The gical 1	tudents to understand the cories of Population. ect of High Birth Rate. actors affecting mortality role of Government on I pulation Studies udies: Meaning – Nature Consequences of Over P f Population ry of Population - Optin heory - Michael Thoma Theory - Pearl and Reed's	scope of Population Studi rate in India. PopulationControl. - Scope and Significance of Population. mum Theory of Population s Sadler's Destiny Theors	es. of Populatic on - Thoma ory - Herbo	<sup>n</sup> 1.	3 Ho 17 Ho	urs
Unit: III Birth	Rate						
Meaning Birth Rate – Ac and Measures of	g - Bir dvanta <mark>f Ferti</mark>	th rate - Fecundity – Rap ages and Disadvantages of lity - Factors affecting Fe	pidity of Women - Sterilit of High Birth Rate. <mark>Fertil</mark> rtility.	y – Types o <mark>ity Concep</mark>	of ts <sup>1</sup>	15 Ho	ours
Unit: IV Death	n Rate	9					
Death R of mortality and death rate – Le	ate - ( d mor evels a	Crude Death rate and Averable Death rate and Averable Death rate and the bidity –Factors affecting and trends in mortality in I	erage life expectancy – G Mortality rate – Measur India.	ender patter es to contro	n ol <sup>1</sup>	15 Ho	ours
Unit: V Popula	ation	Policy in India					
Vital St Programmes – OECD in prome	<mark>atistic</mark> Promo ting h	s - Population Policy otion and Control of Pop numan and social capital.	– Objectives – <mark>Recent</mark> pulation – Role of WHO	policies an - UNIDO	<mark>d</mark> 1	15 Ho	ours
			Total Le	cture Hou	:s 7	5	
Books for Stu 1. M.L.Jhinga Books for Res	<b>dy:</b> n, (20 <b>feren</b>	16), and others, Demogra	aphy, Virinda Publications	, Delhi.			
1. RuddarE	Outt a	nd Sundaram K.P.M, (2	010), India Economy, S.	Chand and	Co.I	Ltd.,	New

Delhi.

- 2. Samuel Preston, et.al., (2000), Demography: Measuring and Modelling Population Processes, John Wiley and Sons Ltd.
- 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. <u>https://u.demog.berkeley.edu/~jrw/Biblio/Eprints/%20P-</u> S/ryder.1964\_AJS\_concept.population.pdf
- 2. <u>https://mis.alagappauniversity.ac.in/siteAdmin/dde-</u> 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

<b>EXPECTED COURSE OUTCOME</b> On successful completion of the course, the student will be able to					
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	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	PO 4	<b>PO 5</b>	<b>PO 6</b>
CO 1	3	3	2	2	2	3
CO 2	2	2	1	3	2	2
CO 3	2	3	2	2	3	3
<b>CO 4</b>	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.

	Learning Outcome Based Education & Assessment (LOBE) Formative Examination - Blue Print Articulation Manning – K Levels with Course Outcomes (COs)								
			Section	A	Section	n B	Section	Section	
Internal	Cos	K Level	MCQ	S	Short Ans	swers	C Either	D	
		11 20001	No. of. Questions	K - Level	No. of. Questions	K – Level	or Choice	Open Choice	
CI	CO1	Up to K2	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 K3	2	K1	1	K2	2 (K2,K2)	1 (K2)	
AII	CO4	Up to K4	2	K2	2	K3	2 (K3,K3)	1 (K4)	
	Que	No. of stions to be asked	4		3		4	2	
Question Pattern CIA I &	Que	No. of stions to be nswered	4		3		2	1	
II	Mar	ks for each uestion	1		2		5	10	
	Tota eac	Il Marks for th section	4		6		10	10	

		Dist	ribution of N	larks with	n 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 Mark s	% of (Marks withou t choice)	Consolidat e of %
	K1	2	4	-		6	12	60
	K2	2	2	10	10	24	48	00
C	K3	-	-	10	10	20	40	40
l	K4	-	-	-		-	-	-
A I	Marks	4	6	20	20	50	-	100
	K1	2	-	-		2	4	50
С	K2	2	2	10	10	24	48	52
Ι	<b>K</b> 3	-	4	10		14	28	28
Α	<b>K</b> 4	-	-	-	10	10	20	20
II	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

 ${\bf K4}\mbox{-}$  Examining, analyzing, presentation and make inferences with evidences

Sum	Summative Examination – Blue Print Articulation Mapping – K Level with Course Outcomes									
				(CO	s)					
			MC	Qs	Short Answers		Section C	Section D		
S.No	COs	K - Level	No. of	K –	No. of	K –	(Either / or	(Open		
			Questions	Level	Question	Level	Choice)	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 Quest	tions to be	10		5		10	5		
	Ask	ed	10				10			
No.	of Quest	ions to be	10		5		5	3		
	answe	red			-			10		
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)									

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

	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	41			
K3			20	30	50	41.66	42			
K4			10	10	20	16.66	17			
Marks	10	10	50	50	120	100	100			
NB: Hig of K lev	NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels									

Section	A (Mu	ltiple Choi	ce Questions)		
Answer	r All Qu	iestions	(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 (Sho	ort Answers	8)		
Answer	<mark>: All Q</mark> ı	iestions	(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 (Eitl	her/Or Typ	e)		
Answer	r All Qu	iestions	(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	<u>CO5</u>	K3			
NB: Hi	gher lev	vel of perfo	rmance of the students is to be assessed by attempting higher level of		
K levels	$\frac{b}{D(\Omega_{m})}$	on Choice)			
Section D (Open Unoice) Answer Any Three questions					
		K L ovol	Ouestions (JAIU-JU IIIAIKS)		
21	C01	K2	Questions		
21	CO1	K/			
22	$\frac{CO2}{CO3}$	K3			
$\frac{23}{24}$	C03	K3			
2 <del>4</del> 25	C04	K3 K3			
23	005	INJ			

# **Summative Examinations - Question Paper – Pattern**



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

Course Name	DEVELOPMENT ECONOMICS	5				
Course Code	21UECE65			L	P	С
Category	Elective - II			5	-	5
Nature of cour	e: EMPLOYABILITY SKIL	L ORIENTED	ENTREPRE	ENEU	RSH	IP
COURSE OBJ	ECTIVES: The Course would help	o the students to a	cquire know	ledge	on	
Development t	neories and Growth Models.					
1. To understan	the concepts of Economic Growth	and Development.				
2. To analyze u 3. To acquire ki	owledge on theories of Economic Develo	pment. rowth				
4. To explore th	e different ideas of Economic Model	S.				
5. To explicate	he measurement of Economic Grow	th.				
Unit: I Int	oduction				15	hrs
Economic Dev	elopment – Concepts and Approa	iches – Character	ristics of Un	der I	Devel	oped
Economy – Ob	stacles to Economic Development	- Factors Influenc	ing Economic	e Dev	velop	ment
and Growth – C	naracteristics of Modern Economic (	Jrowth.				
Unit: II The	ories of Economic Development –	Ι			15	hrs
Adam smith - J.	S.Mill - Karl Marx – Schumpeter – I	Keynes – Rostow -	Nurkse.			
Unit: III The	ories of Economic Development –	II			15	hrs
Lewis – Fei - R	nnis – Leibenstein – Rosenstein – Ro	dan's Doctrine of	Balanced Gro	wth –	Con	cept
of Unbalanced	Growth – Dualistic Theory – Myrdal	's Theory.				
Unit: IV Gro	with Models Kaldan, Jaan Dahingan, Mag	laa Salaw Ma	dala of Tash	nia al	15	hrs
Steady-State or	wth – Mahalanohis Model	100 - 5010W - 1010	dels of Tech	incai	Chan	ge –
Unit: V Me	asures for Economic Development				15	hrs
Domestic Meas	res: Capital formation – Human Ca	pital Formation –	Role of State	- Int	ernat	ional
Measures: Fore	gn Trade, Foreign Capital and MNC	S.				
		То	tal Lecture H	lours	75	
Books for Stud 1. Aparajit	y: na Mukherjee, Development Econom	nics, PHI Learning	Publishers, N	lew D	elhi.	
2. Harriss-	White, Barabara, India's Socially Re	gulated Economy,	Critical Quest	t, Nev	v Del	hi,
2007.	· · · · ·		-			
Books for Refe	rences					
1. Michael	P. Todaro and Stephen C. Smith, (20	)17), Economic De	evelopment, P	earso	n	
Educatio	n.					
2. H.L.Ahu	ja, (2016), Development Economics	, S.Chand Publishi	ing.			
3. Jhingan	M.L, (2014), Economics of Growth	and Development,	Himalaya Pul	olishii	ng Ho	ouse,
New De	hi.					
L						
Academic Co	ouncil Meeting Held on 20.04.2023			Pa	ige 18	30

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. <u>https://rgu.ac.in/wp-content/uploads/2021/02/Download\_577.pdf</u>
- 2. <u>https://ebookbou.edu.bd/Books/Text/SOB/MBA/mba\_4334/Unit-01.pdf</u>

COURSE OUTCOME					
On successful completion of the course, the student will be able to					
CO1:	Understand the concepts of Economic Growth and Development.	Up to K3			
<b>CO2:</b>	Analyze different theories of Economic Development.	Up to K4			
CO3:	Acquire knowledge on theories of Economic Growth.	Up to K4			
<b>CO4:</b>	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	<b>PO 3</b>	PO 4	<b>PO 5</b>	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

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
ш	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

### **LESSON PLAN**

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)									
			Section	ı A	Section	n B	Section	Section		
Inter	Cos	K Level	MCQ	S	Short Ans	swers	C Either	D		
nal		K Level	No. of. Questions	K - Level	No. of. Questions	K – Level	or Choice	Open Choice		
СІ	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)		
СІ	CO3	Up to K4	2	K1	1	K2	2 (K2,K2)	1(K2)		
AII	<b>CO4</b>	Up to K4	2	K2	2	K3	2 (K3,K3)	1 (K4)		
	No. o	f Questions be asked	4		3		4	2		
n Pattern CIA I & II	No. of to be	f Questions answered	4		3		2	1		
	Mark q	ts for each uestion	1		2		5	10		
	Total eac	Marks for h section	4		6		10	10		

		Dist	ribution of N	larks with	n 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 Mark s	% of (Marks withou t choice)	Consolidat e of %	
	K1	2	4	-		6	12	60	
	K2	2	2	10	10	24	48	00	
CI	K3	-	-	10	10	20	40	40	
	K4	-	-	-		-	-	-	
111	Marks	4	6	20	20	50	-	100	
	K1	2	-	-		2	4	50	
CI A II	K2	2	2	10	10	24	48	32	
	K3	-	4	10		14	28	28	
	K4	-	_	-	10	10	20	20	
11	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

Summative Examination – Blue Print Articulation Mapping – K Level with Course Outcomes								
	(COs)							
S.No	COs	K - Level	MC	Qs	Short An	swers	Section C	Section D
			No. of	K –	No. of	K –	(Either / or	(Open
			Questions	Level	Question	Level	Choice)	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(K3)
5	CO5	Up to K4	2	K1&K2	1	K2	2(K4&K4)	1(K4)
No. of	Questio	ns to be	10		5		10	5
Asked								
No.of	Questior	ns to be	10		5		5	3
answe	red							
Marks for each question			1		2		5	10
Total Marks for each			10		10		25	30
section	1							
	(Figures in parenthesis denotes, questions should be asked with the given K level)							

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

	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	41		
K3			20	30	50	41.66	42		
K4			10	10	20	16.66	17		
Marks	10	10	50	50	120	100	100		
NB: Hig of K lev	NB: Higher level of performance of the students is to be assessed by attempting higher level of K levels								

Section	Section A (Multiple Choice Questions)					
Answer	: All Qu	iestions	(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 (Sho	ort Answers	5)			
Answer	<mark>: All Q</mark> u	iestions	(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 (Eitl	her/Or Typ	be)			
Answer	r All Qu	iestions	(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	<u>CO5</u>	K4				
NB: Hi	gher lev	vel of perfo	rmance of the students is to be assessed by attempting higher level of			
K levels						
Section D (Open Choice)						
Answei	r Any I	Iree quest	ions (5x10=30 marks)			
<b>U.NO</b>		K Level	Questions			
21		N2 V2				
22	$CO_2$	KJ V2				
23	$CO_4$	KJ K2				
24	CO4	KJ KA				
23	005	<b>N</b> 4				

# **Summative Examinations - Question Paper – Pattern**



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

Course Name	e INDUS'	INDUSTRIAL ECONOMICS						
<b>Course Code</b>	<b>21UEC</b>	21UECE66 L P C						
Category	Elective	e-II			5	-	5	
NATURE OI	<u>7</u>	EMPLOYABILITY	SKILL ORIENTED	ENTREPI	REN	URS	HIP	
COURSE OI	COURSE OBJECTIVES: The course is designed to focus on different strategic approaches to							
Industrial Ec	conomics	differentiete the public (	and private enterprises					
1. To help the		anterentiate the public a	and private enterprises.	hanian				
2. To make th	e students t	o understand the differen	it industrial growth strai	tegies.				
3. To equip th	e students t	o analyse the reason beh	ind the industrial location	onalization.				
4. To develop	the knowle	edge on the need for indu	strial efficiency.					
5. To familiar	ize the stud	ents to assess the labour	efficiency in industrial	sector.				
Unit: I	ntroduction	n		1 1	1	5 Ho	urs	
Indust	rial Econo	mics: Meaning - Intern	nal analysis and Exte	rnal analysi	s In	form	ation	
Symmetry an	d Asymme	try - Competitive or Co	o-operative Strategy -	Role of Pri	ivate	sect	or in	
relation to Pu	blic enterpr	ises -Blue Ocean Strateg	y- Red Ocean Strategy.					
Unit: II	Growth Strategies 16 Hours							
Ratior	ale of Inc	iustrial Strategies - He	orizontal integration a	ind vertical	inte	grati	on -	
agriculture an	d industry l	inkage - Diversification	and expansion strategie	es -Merger a	nd A	cquis	sition	
- Industrial co	mbinations	- Small- and large-scale	industrialization.					
Unit: III I	ocational S	Strategy			, 14	4 Ho	urs	
Deteri	ninants of I	ndustrial Location - The	ories of Industrial Local	tion - webei	s an	ia sa	rgent	
Florence The	ories - App	proaches to Industrial L	ocation - Industrial Lo	cational Tre	ends	in In	d1a -	
Need for Bala	nced Regio	nal Development in Indi	a.					
Unit: IV I	ndustrial E	fficiency Strategy	Doutial Eastern Dred	notivity, one		5 Ho	urs	
	alization -		- Partial Factor Prou	uctivity and	1 10	lai r	actor	
Productivity -	Low Cost	Strategy and Differentiat	ion Strategy.					
Unit: V L	abour Effi	ciency Strategies	ctional ve Transfor	mational 1	1 anda	5 Ho rchin	urs	
motivete lebe		sizing and rightsizing	Droduct Dromotion on	d Innovation		urnor	ound	
Strate con CN	u - D0WI	sizing and rightsizing -	FIGULE FIGHIOUOD and		1 - 1	umar	ouna	
Strategy - SW	OC - Globa	al Corporate Strategy.			<u> </u>			
			Total Le	cture Hour	s   7:	5 Ho	urs	
Books for St	tudy:							

1.BharatwalR.R., (2021). IndustrialEconomics: AnIntroductoryTextbook.NewAgeInt	haratwal <b>R</b> R (2021) IndustrialEconomics: AnIntroductoryTextbook NewAgeInternational(P)						
Limited, New Delhi.	Limited, New Delhi.						
2. Kiran Jotwani, (2016), Industrial Economics, Nirali Prakashan Educational Publish	ers.						
Books for References:							
<ol> <li>Rajana Seth, (2010), Industrial Economics, Ane's Books Pvt. Ltd., New Delhi</li> <li>Desai, B. (1999), Industrial Economy in India (3<sup>rd</sup> Edition), Himalaya Publishing</li> </ol>							
House, Mumbal. 3 Kuchhal S.C. (1995) IndustrialEconomyofIndia Chaitanya Allahabad							
4. Cherunilam, F. (1992). Industrial Economics: Indian Perceptive. (3 <sup>rd</sup> Editic	on).						
Himalaya publishing houses, Mumbai.	//						
Web Resources:							
1. <u>https://mis.alagappauniversity.ac.in/siteAdmin/dde-</u>							
admin/uploads/1/PG_M.AEconomics%20(English)_362%2014_Industrial%20E	Economics_M						
A_Economics.pdf							
2. <u>https://www.acecollege.in/CITS_Upload/Downloads/Books/1081_File.pdf</u>							
EXPECTED COURSE OUTCOME	K Level						
At the end of the course, students will be able to							
<b>CO1:</b> Differentiate the public and private enterprises	Up to K2						
<b>CO2:</b> Understand the different industrial growth strategies	Up to K3						
<b>CO3:</b> Analyse the reason behind the industrial locationalization	Up to K3						
<b>CO4:</b> Remember the need for industrial efficiency	Up to K3						
<b>CO5:</b> Apprise the labour efficiency in industrial sector	Up to K4						

### CO & PO Mappings:

CO/PO	<b>PO 1</b>	PO 2	<b>PO 3</b>	PO 4	PO 5	<b>PO6</b>
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
ш	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.

	Learning Outcome Based Education & Assessment (LOBE)								
	Formative Examination - Blue Print Articulation Mapping – K Levels with Course Outcomes (COs)								
			Section	A	Section	n B	Section	Section	
Inter	Cos	K Level	MCQ	S	Short Ans	swers	C Either	D	
nal			No. of. Questions	K - Level	No. of. Questions	K – Level	or Choice	Open Choice	
СІ	CO1	Up to K2	2	K1	1	K2	2 (K2,K2)	1 (K2)	
AI	<b>CO2</b>	Up to K3	2	K2	2	K1	2 (K3,K3)	1 (K3)	
СІ	CO3	Up to K3	2	K1	1	K2	2 (K2,K2)	1 (K2)	
AII	<b>CO4</b>	Up to K4	2	K2	2	K3	2 (K3,K3)	1 (K4)	
Orrentia	No. of to l	f Questions be asked	4		3		4	2	
n Pattern CIA I &II	No. of to be	f Questions answered	4		3		2	1	
	Mark qu	ts for each uestion	1		2		5	10	
	Total eac	Marks for h 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 Mark s	% of (Marks withou t choice)	Consolidat e of %
	K1	2	4	-		6	12	60
	K2	2	2	10	10	24	48	
CI	K3	-	-	10	10	20	40	40
ΑI	K4	-	-	-		-	-	-
	Marks	4	6	20	20	50	-	100
	K1	2	-	-		2	4	52
CI	K2	2	2	10	10	24	48	
Α	K3	-	4	10		14	28	28
II	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

Sum	Summative Examination – Blue Print Articulation Mapping – K Level with Course Outcomes							
	(COs)							
			MC	Qs	Short An	swers	Section C	Section D
S.No	COs	K - Level	No. of	K –	No. of	K –	(Either / or	(Open
			Questions	Level	Question	Level	Choice)	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 Quest Ask	tions to be ed	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)							

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

	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	41		
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									

Section	Section A (Multiple Choice Questions)					
Answer	r All Qu	iestions	(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 (Sho	ort Answers	3)			
Answer	<mark>: All Q</mark> ı	iestions	(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 (Eitl	her/Or Typ	e)			
Answer	r All Qu	iestions	(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	<u>K3</u>				
20) a	CO5	K4				
20) b	<u>CO5</u>	<u>K4</u>				
NB: Hi	gher lev	vel of perfo	rmance of the students is to be assessed by attempting higher level of			
Section	<u>,</u> <b>Π</b> (Ωn	on Choice)				
Answer Any Three questions (2x10-20 months)						
O.No	CO	K Level	Onestions			
21	CO1	K2	Zuccions			
22	CO2	K3				
23	CO3	K3				
24	CO4	K3				
25	CO5	K4				
20		174				

# **Summative Examinations - Question Paper – Pattern**



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

Course Nar	ne	LIVESTO	CK ECONOMICS					
Course Cod	ourse Code 21UECS61						Р	С
Category	Category Skill			2	2	-	2	
<b>NATURE OF COURSE:</b> EMPLOYABILITY			SKILLORIENTED	ENTREPRI	EN	URS	HIP	
COURSE OBJECTIVES: This course enhance allied income to graduates through Livestock								
Economics.								
2. To estir	nate f	the demand	d of livestock produ	ce				
3. To unde	erstan	d marketi	ng strategies for live	estock.				
4. To anal	yze r	isk strategi	es and marketing cl	hannels.				
5. To reali	se the	e foreign n	narket opportunities	for domestic livest	ock product	•		
Unit: I	Bre	eding of Li	vestock				6 H	ours
Meaning -	Defi	inition - B	reeds of Indian and	Exotic – Cow, Goa	t, Sheep, Pig	g a	ind s	scope
(production	n, con	sumption,	exchange and distrib	oution) of economic	principles a	s a	ppli	ed to
livestock - Livestock produce and products. Livestock contributions to national economy.								
Unit: II Demand Projections of Livestock Produce					6 H	ours		
Demand projections of livestock produce. Economics of snimel disease and disease								
losses. Liv	estocl	k business-	concepts, nature and	d scope. Components	s. characteris	tic	of	small
business. N	Iarket	table livesto	ock commodities.		-,			
Unit: III Marketing of Livestock								
						_	011	Jours
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 H	ours	
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	Imp	ort and Ex	port Animal and A	nimal products			6 H	ours
Imn	Import and Export of animal and animal products: Need and Crowth International						ional	
Agreements/Regulations (WTO) for marketing/trade of live animals and products- Sanitary								
Agreements (Verto) for marketing trade of five animals and products- Salitary								

Phyto-Sanitary	Measures.
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	Total Lecture Hours	30 Hours				
Books for Study:						
1. Dwai	payan Bardhan, (2018), Livestock Economics Marketing and Business Ma	inagement,				
Sathish	Serial Publishing House.					
Books f	or References:					
1. K.S C	Gangadher, (2009), Livestock Economics, New India Publishing.					
2. Bansi	1 P.C, (2016), Livestock Economy of India, CBS Publishes.					
3. Deep	ak upadhyay, (2020), Livestock Production Management, Jain Brother 1 <sup>st</sup>					
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	<b>PO 1</b>	PO 2	<b>PO 3</b>	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**

TINIT	SUBJECT NAME		Mada	
UNII	Livestock Economics	1115	Widde	
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.