

Thiagarajar College

(An Autonomous Institution Affiliated to Madurai Kamaraj University)
Re-Accredited with 'A' Grade by NAAC



Thirty Ninth Academic Council Meeting

Department of Economics

Dr. Rm. Murugappan
Dean – Curriculum Development

THIAGARAJAR COLLEGE, MADURAI – 9.

(Re-Accredited with “A” Grade by NAAC)

Curriculum Structure for

B.A. Tamil, English & Economics

B.Sc., Maths, Physics, Chemistry, Botany, Biotechnology, Zoology, Microbiology and Psychology

(For those who joined in 2020 and after)

Category	Course	No. of Courses / Paper	Credit Distribution	Hrs/ Week	Total Credits
Part I	Tamil	4	3	12+12	12
Part II	English	4	3	12+12	12
	Sub Total			48	24
Part III	Core			72 +12	74
	Elect–Core	2	5	10	10
	Elect–Generic	2+2	5	24	20
	Sub Total			118	104
Part IV	AECC I & II Sem	I Sem EVS II Sem VE	2 + 1	2 I & II Sem	03
	NME III & IV Sem	2	2	2 III & IV Sem	04
	SEC V & VI Sem	2	2	2 V & VI Sem	04
	Sub Total			06	11
	Total				139
Part V	NCC (Army & Navy)/ PE/ NSS / Rotaract/ Quality/WSC Circle/ Library/ SSL/ Nature Club/ Value Education/ YRC				1
	Grand Total				140

AECC – Ability Enhancement Compulsory Course

SEC – Skill Enhancement Course

NME – Non Major Elective

For Choice Based Credit System (CBCS)

- For NME every department offers two papers (one in each at III & IV Semester)
- For SEC every department offers two papers for each course (in Sem V & VI)
- For Major elective there may be an option for choice.

Semester	Courses
I	EVS
II	VE
III	NME
IV	NME
V	SEC
VI	SEC

B.A. Economics

Tamil Medium

Programme Code - UEC

Programme outcome-PO (Aligned with Graduate Attributes)- Bachelor of Arts (BA)

Knowledge, Critical thinking and Development of solutions

Acquire a detailed knowledge and general understanding of the concepts and principles of selected areas of study in the core disciplines of humanities. Apply critical and analytical skills in the development of solutions to the problems arise within complex changing social contexts. Analyse, assess, interpret and develop innovative solutions on existing day-to-day ethnic, social and economic problems

Communication

Communicate effectively, articulate clearly and convincingly on the basic/advanced concepts in their discipline in written and oral form.

Computer Skills

Make use of electronic resources and ICT skills, including the online learning environment and research databases for communication and knowledge dissemination.

Ethics and Values

Apply an independent approach to knowledge that uses rigorous methods of inquiry and appropriate theories and methodologies that are applied with intellectual honesty and a respect for ethical values;

Lifelong Learning

Recognize the need and have the ability to engage in independent learning for continual development as a responsible citizen.

Team Work, Leadership and Employability Skills

Work effectively in groups to meet a shared goal with people whose disciplinary and cultural backgrounds differ from their own. Work with independence, self-reflection and creativity to meet goals and challenges in the workplace and personal life.

THIAGARAJAR COLLEGE, MADURAI – 9
(Re-Accredited with ‘A’ Grade by NAAC)
PG & RESEARCH DEPARTMENT OF ECONOMICS

Vision

- To render quality education in Economics in order to produce generations of mentally agile, intellectually sharp and employable graduates

Mission

- To provide a comprehensive set of courses in Economics that enhances the understanding, depth of knowledge and competency of the students.
- To provide an academic ambience that fosters the development of vocabulary, effective and written communication abilities.
- To prepare the students to understand the complex economic mechanism that characterize modern society.
- To equip the students for research and teaching position in economics.

Programme Educational Objectives (PEO)

The objectives of this programme is to equip/prepare the students

PEO 1	Identify the economic principles that help to explain behaviour of the institutions that affect the allocation of resources.
PEO 2	Competent to use economic analysis to solve problems and answer questions that arise in the private and public sectors
PEO 3	Capable to communicate economic reasoning in a professional setting.
PEO 4	Ability to employ statistical methods and software in the analysis of economic data and models in the professional career.
PEO 5	Capacity for self improvement which satisfies the societal needs and ultimately paving way for national building.

Programme specific outcomes- B.A Economics

On the successful completion of B.A., Economics the students will

PSO 1	Outline the basic premise of economic science and to provide economic principles, models and methods.
PSO 2	Interpret the methods of economic analysis in relation to human behavior and social phenomena.
PSO 3	Demonstrate the economic issues and problems faced by individuals, organizations and society.
PSO 4	Apply methods in the analysis of economic data and models.
PSO 5	Analyse the policy issues in Economics concerning contemporary society

THIAGARAJAR COLLEGE, MADURAI- 9
 (Re-Accredited with 'A' Grade by NAAC)
PG & RESEARCH DEPARTMENT OF ECONOMICS
B.A ECONOMICS (Tamil Medium) - COURSE STRUCTURE
 (w.e.f. 2020 Batch onwards)
Programme Code: UEC

Semester: I

Course	Course Code	Course Title	Ins. Hrs/ Week	Credit	No of Hours allotted	Marks		Total
						CA	SE	
Part I	U20P111	இக்கால இலக்கியம்	6	3	90	25	75	100
Part II	U20EN11TE	Essential English I	6	3	90	25	75	100
Core Course – I	UEC20C11	நுண்ணினப் பொருளியல்- I	6	5	90	25	75	100
Core Course – II	UEC20C12	உழைப்புபொருளாதாரம்	5	5	75	25	75	100
Generic Elective (Allied) –I	UEC20GE11	புள்ளியியல்முறைகள்-I	5	5	75	25	75	100
AECC – I	U20ES11	சுற்றுச்சூழல்கல்வி	2	2	30	15	35	50
Total			30	23	450			

Semester: II

Course	Course Code	Course Title	Ins. Hrs/ Week	Credit	No of Hours Allotted	Marks		Total
						CA	SE	
Part I	U20P121	பக்தி இலக்கியமும் சிற்றிலக்கியமும்	6	3	90	25	75	100
Part II	U20EN21TE	Essential English II	6	3	90	25	75	100
Core Course – III	UEC20C21	நுண்ணினப் பொருளியல்- II	6	5	90	25	75	100
Core Course - IV	UEC20C22	மனிதவள மேம்பாடு	5	5	75	25	75	100
Generic Elective (Allied) –II	UEC20GE21	புள்ளியியல் முறைகள்-II	5	5	75	25	75	100
AECC – II	U20VE21	மதிப்புறு கல்வி	2	1	30	15	35	50
Total			30	22	450			

Semester: III

Course	Course Code	Course Title	Ins. Hrs/ Week	Credit	No of Hours allotted	Marks		Total
						CA	SE	
Part I	U20P131	தமிழ்	6	3	90	25	75	100
Part II	U20EN31TE	Essential English III	6	3	90	25	75	100
Core Course- V	UEC20C31	பேரியல்பொருளாதாரம்- I	6	5	90	25	75	100
Major Elective –I	UEC20CE31 A/B	வேளாண்மைப் பொருளாதாரம் / உலகமயமாக்கலும் இந்தியாவும்	5	5	75	25	75	100
Generic Elective (Allied) - III	UEC20GE31	கணிதமுறைகள் – I	5	5	75	25	75	100
NME	UEC20NE31	பொருளாதாரக் கோட்பாடுகள்	2	2	30	15	35	50
Total			30	23	450			

Semester: IV

Course	Course Code	Course Title	Ins. Hrs/ Week	Credit	No of Hours allotted	Marks		Total
						CA	SE	
Part I	U20P141	தமிழ்	6	3	90	25	75	100
Part II	U20EN41TE	Essential English IV	6	3	90	25	75	100
Core Course- VI	UEC19C41	பேரியல்பொருளாதாரம்- II	6	5	90	25	75	100
Major Elective –II	UEC20CE41	தொழில் பொருளாதாரம்/ மேலாண்மைப் பொருளாதாரம்	5	5	75	25	75	100
Generic Elective (Allied) –IV	UEC20GE41	கணிதமுறைகள் – II	5	5	75	25	75	100
NME	UEC20NE41	வணிகப் பொருளாதாரம்	2	2	30	15	35	50
Total			30	23	450			

Semester: V

Course	Course Code	Course Title	Ins. Hrs/ Week	Credit	No of Hours allotted	Marks		Total
						CA	SE	
Core Course - VII	UEC20C51	பணவியல் பொருளாதாரம்	7	5	105	25	75	100
Core Course - VIII	UEC20C52	நிதிப்பொருளாதாரம் - I	7	5	105	25	75	100
Core Course - IX	UEC20C53	சுற்றுதழல் பொருளாதாரம்	5	5	90	25	75	100
Core Course - X	UEC20C54	முன்னேற்றப் பொருளாதாரம்	5	5	90	25	75	100
Core Course - XI	UEC20C55	காப்பீட்டு பொருளாதாரம்	4	4	30	15	35	50
SEC - I	UEC20SE51 A/B/C	தொழில்முனைவு மேம்பாடு/ மின்னணு சந்தையிடுகை/ ஆளுமைத்திறன் மேம்பாடு	2	2	30	15	35	50
Total			30	26	450			

Semester: VI

Course	Course Code	Course Title	Ins. Hrs/ Week	Credit	No of Hours allotted	Marks		Total
						CA	SE	
Core Course- XII	UEC20C61	பன்னாட்டுப் பொருளாதாரம்	7	5	105	25	75	100
Core Course- XIII	UEC20C62	நிதிப் பொருளாதாரம் - II	7	5	105	25	75	100
Core Course- XIV	UEC20C63	பொருளாதார சிந்தனை வரலாறு	7	5	105	25	75	100
Core Course- XV	UEC20C64	இந்தியப் பொருளாதாரம்	7	5	105	25	75	100
SEC - II	UEC20SE61	பொருளாதாரத்தில் கணினியின்பயன்பாடு/ கணினித்திறன்/ மென்திறன்கள்	2	2	30			
Total			30	22	450			
PART V		NCC/NSS/PE		1				
TOTAL			180	140				

A) contact hours and credits: UG

Semester	Contact Hrs/ Week	Credits
I	30 hrs	23
II	30 hrs	22
III	30 hrs	23
IV	30 hrs	23
V	30 hrs	25
VI	30 hrs	23
Part – V	-	01
Total	180 hrs	140

B) Curriculum Credits: Part wise

		No of papers	Credits per paper	Total credits
Part I	Tamil	4	3	12
Part II	English	4	3	12
Part III	Core Theory	14	5/6	72
	Core Elective	2	5	10
	Generic Elective Theory	4	5	20
Part IV	AECC	2	2	4
	NME	2	2	4
	SEC	2	2	4
	VE	1	1	1
Part V (NSSNCC/Physical Education)				1
Grand total				140

THIAGARAJAR COLLEGE (AUTONOMOUS): MADURAI – 625 009

DEPARTMENT OF ECONOMICS

(For those who joined B.A. Economics on or after June 2020)

Programme Code: UEC

<i>Course code</i>	<i>Course title</i>	<i>Category</i>	<i>L</i>	<i>T</i>	<i>P</i>	<i>Credit</i>
UEC20C11	Micro Economics- I	Core	5	-	-	5

<i>Year</i>	<i>Semester</i>	<i>Internal mark</i>	<i>External Mark</i>	<i>Total</i>
First	First	25	75	100

Preamble

Assist the basic concepts in micro economic theories and models.

Course Outcome

On the completion of the course the student will be able to

S. No	Course outcome	Knowledge level (According to Bloom's Taxonomy)
CO1	Theoretical views of basic economic , Family and Small firms	K2
CO2	Knowledge and Practice of Demand and Supply	K2
CO3	Infer the utility analysis and consumer's equilibrium	K1
CO4	Illustrate consumer's behaviour through indifferent curves analysis.	K2
CO5	Outline the structure of production analysis.	K2

K1 - Knowledge

K2 - Understand

K3 - Apply

Mapping of COs with PSOs

	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	S	S	S	M
CO2	S	S	S	L	S
CO3	S	M	S	S	S
CO4	S	S	L	S	S
CO5	M	S	M	S	M

S- Strong

M- Medium

L-Low

Mapping of Course Outcomes with Programme Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	S	S	M	M	M	M
CO2	M	M	S	S	M	M
CO3	M	S	S	M	S	S
CO4	S	M	M	S	S	L
CO5	L	M	L	M	L	S

Strong –S (+++) Medium-M (++) Low-L (+)

Bloom's Taxonomy

	CA		End of Semester
	First	Second	
Knowledge	40%	40%	40%
Understand	40%	40%	40%
Apply	20%	20%	20%

Title of the paper

MICRO ECONOMICS – I (நுண்ணினப் பொருளியல் - I)

அலகு – I: அறிமுகம்

பொருளியல் இலக்கணங்கள் - செல்வ இலக்கணம், பொருள்சார் நல இலக்கணம் - கிடைப்பருமை இலக்கணம் - பொருளியலும் சமுதாய வாழ்வியலும் - இயல்பு மற்றும் வரம்புகள் - நுண்ணியல் மற்றும் பேரியல் பொருளியலின் வேறுபாடுகள் - இயங்காநிலை மற்றும் இயங்குநிலை பொருளியல்- பகுத்தாய்வு மற்றும் தொகுத்தாய்வு முறைகள் - பகுதி மற்றும் பொதுச்சமநிலை- இயல்புரை இயல் மற்றும் நெறியுரை இயல்.

அலகு – II: தேவை மற்றும் அளிப்பு

பொருள் விளக்கம் – தேவைவிதி – தேவை வளைகோடு எதிர்மறையாக செல்வதற்கான காரணங்கள் – விதிவிலக்குத் தேவை வளைகோடு – தேவை நெகிழ்ச்சி – பொருள் விளக்கம் மற்றும் வகைகள்: விலை வருவாய் மற்றும் குறுக்குத் தேவை – நெகிழ்ச்சிகள் – விலை தேவை நெகிழ்ச்சியின் வகைகள் - விலைத் தேவை நெகிழ்ச்சியை அளவிடும் முறைகள் – அளிப்பு – பொருள் விளக்கம் – அளிப்புவிதி – விலைத் தீர்மானம் அளிப்பு கூடுதலும் குறைதலும்.

அலகு – III: நுகர்வோர் செயல்பாட்டின் விதி;-- இயல்வெண் பகுத்தாய்வு

நுகர்வோர் பொருள் – விளக்கமும் முக்கியத்துவமும் – நுகர்வோர் கல்வி –பாதுகாப்பு – மனித வருப்பத்தின் சிறப்பியல்புகள் – நுகர்வை நிர்ணயிக்கும் காரணிகள் – பயன்பாடு – பொருள் விளக்கம் – குறைந்துசெல் இறுதிநிலைப் பயன்பாட்டு விதி – சமஇறுதிநிலை பயன்பாட்டு விதி- நுகர்வோர் எச்சம் – நுகர்வோர் எச்சத்தை பாதிக்கும் காரணிகள் – எச்சகருத்தின் நடைமுறைப் பயன்கள் – நுகர்வோர் சமநிலை.

அலகு – IV: நுகர்வு செயல்பாட்டின் விதி –வகைப்பயன்பாடு

சமநோக்கு வளைகோடுகள் – பொருள் விளக்கம் மற்றும் சிறப்பியல்புகள் – இறுதிநிலை பதிலீட்டு விகிதம் – வளைகோட்டின் அமைவு மற்றும் சாய்வு – நுகர்வோரின் சமநிலை வருவாய் விளைவு – பதிலீட்டு விளைவு, சமநோக்கு வளைகோட்டுப் பகுத்தாய்வு விளைவு விதியை – வருவாய் மற்றும் பதிலீட்டு விளைவாக பிரித்தல் (கிக்சின் முறை)

அலகு – V: உற்பத்தி

உற்பத்திச் சார்பு – பொருள் விளக்கம் – மாறுகின்ற விகிதங்களின் விதி – சமஉற்பத்தி மற்றும் சமச்செலவு கோடு – விளைவு விதிகள் – குறைந்து செல் இறுதிநிலை – தொழில்நுட்ப பதிலீட்டு விகிதம் – உற்பத்தியாளர் சமநிலை – மொத்தச் செலவு, சராசரிச் செலவு, இறுதிநிலைச் செலவு, நிலைச் செலவு மற்றும் மாறுகின்ற செலவு, குறுகிய மற்றும் நீண்ட காலச் செலவுகள் – மொத்த வருவாய், சராசரி வருவாய், மற்றும் இறுதிநிலை வருவாய்.

Text Books:

1. M P Gurusamy, Micro Economics –I, 5th edition, Guru Thenmozhi publishers, 2004.
2. N Srinivasan, Micro Economics, 2nd Edition, Meenakshi Publishers, 2004.
3. M L Jhingan, Principles of Economics, 2nd edition, Vrinda Publications(P) Ltd, New Delhi, 2005.

4. References:

1. M Maria John Kennedy, Advanced Micro Economic Theory, 3rd edition, Himalaya Publishing House, 2004.
2. H L Ahuja, Advanced Economic Theory, 11th edition, S.Chand & Company Ltd, New Delhi, 2004.

Course Designer:

Dr.S.Kasi

THIAGARAJAR COLLEGE (AUTONOMOUS): MADURAI – 625 009

DEPARTMENT OF ECONOMICS

For those who joined B.A. Economics on or after June 2020)

Programme Code: UEC

<i>Course Code</i>	<i>Course Title</i>	<i>Category</i>	<i>L</i>	<i>T</i>	<i>P</i>	<i>Credit</i>
UEC20C12	LABOUR ECONOMICS	Core	5	-	-	5

<i>Year</i>	<i>Semester</i>	<i>Internal mark</i>	<i>External Mark</i>	<i>Total</i>
First	First	25	75	100

Preamble

Comprehend the basic concepts and issues of labour.

Course Outcomes

On the completion of the course the student will be able to

	<i>Course Outcome</i>	<i>Knowledge Level (according to Bloom's Taxonomy)</i>
CO1	Define the basic mechanisms of the labour Economics	K1
CO2	Interpret the Industrial Disputes and solve issues	K2
CO3	Develop ideas about wage discrimination prevail in the society	K3
CO4	Compare the policy measures of government and social security provided for labour	K2
CO5	Outline the model of trade union and its importance	K2

K1 - Knowledge

K2 - Understand

K3 – Apply

Mapping of COs with PSOs

	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	M	S	S	S
CO2	S	S	S	L	S
CO3	S	S	M	S	S
CO4	M	L	S	S	S
CO5	S	S	S	S	M

S- Strong

M- Medium

L-Low

Mapping of Course Outcomes with Programme Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	M	M	M	M	M	M
CO2	M	L	M	S	M	M
CO3	S	S	S	M	L	M
CO4	S	M	S	S	S	S
CO5	M	M	L	M	M	M

Strong –S (+++) Medium-M (++) Low-L (+)

Blooms taxonomy

	CA		End of Semester
	First	Second	
Knowledge	40%	40%	40%
Understand	40%	40%	40%
Apply	20%	20%	20%

Title of the paper

LABOUR ECONOMICS (உழைப்புப் பொருளாதாரம்;)

அலகு - I: அறிமுகம்

உழைப்புப் பொருளாதாரம்: பொருள், இலக்கணம், இயல்புமற்றும் வரம்பு -உழைப்புஅங்காடியின் பண்புகள் - இந்தியா போன்றவளரும் நாடுகளில் உழைப்பு அங்காடியின் தன்மை- உழைப்பின் தேவைமற்றும் அளிப்பு

அலகு- II: தொழிலாளர்களின் கூலிகள்

தொழிற்சாலை தொழிலாளர்களின் கூலிகள் இலக்கணம் - பணக்கூலியும் உண்மைக் கூலியும் - கூலி கொடுக்கும் முறைகள் - கூலி வேறுபாட்டிற்கான காரணங்கள் - குறைந்தபட்சக் கூலிச் சட்டம் - தேசிய கூலிக் கொள்கை

அலகு - III சமூகப் பாதுகாப்பு

இந்தியாவில் சமூகப் பாதுகாப்பு நடவடிக்கைகள் - சமூகக் காப்பீட்டு நடவடிக்கைகள் - தொழிலாளர் கல்வி - தொழில் இடர்கள் - தொழிலாளர் நலநடவடிக்கைகள்

அலகு - IV: தொழில் தகராறுகள்

தொழில் தகராறுகள் இயல்பு - தொழில் தகராறுகளுக்கான காரணங்கள் மற்றும் விளைவுகள் - தொழில் தகராறுகளை தீர்க்கும் முறைகள் - தொழில் தகராறுகள் நிகழாதுபார்த்தல் - இந்தியாவில் முக்கியதொழில் தகராறுகள்

அலகு - V தொழிற் சங்கங்கள்

தொழிற் சங்கங்கள் இலக்கணம் மற்றும் நோக்கங்கள் - பணிகள் - இந்தியாவில் தொழிற் சங்கங்களின் இயக்கம் - கூட்டுப்பேரம் - தொழிற் சங்கங்கள் சட்டம் 1926 - தொழில் அங்காடிசீர்திருத்தங்கள்.

Text Books:

1. N Srinivasan, Labour Economics, 1st Edition, Meenakshi Publishers, 2016.
2. Datt. G, Bargaining Power Wages and Employment, Sage Publications, New Delhi.
3. R.C. Saxena, Labour Problems and Social Welfare, K. Nath and Co, Meerut, 1986.

References:

1. S.S.M. Desai and N. Bhalerao, Industrial Economy of India, Himalaya Publishers, 2012.
2. P.R.N. Sinha, InduBala Sinha and Seema Priyadharshini Shekhar, Industrial Relations, Trade Union and Labour Legislation, Dorling Kindersly (India) Pvt. Ltd, Noida (U.P.), India

Course Designer:

Dr.T.Maheswari

THIAGARAJAR COLLEGE (AUTONOMOUS): MADURAI – 625 009
DEPARTMENT OF ECONOMICS
 (For those joined B.A. Economics on or after June 2020)
 Programme Code: UEC

Course Code	Course Title	Category	L	T	P	Credit
UEC20GE11	STATISTICAL METHODS– I	Generic Elective	5	---	---	5

L - Lecture T - Tutorial P – Practicals

Year	Semester	Internal mark	External Mark	Total
First	First	25	75	100

Preamble

The course is designed to understand the basic concepts and methods of statistics for students in economics in describing, analyzing and interpreting statistical data. A course dealing with concepts including introduction of statistics, collection of data, tabulation, classification, diagrams, measures of central tendency and measures of dispersion.

Course Outcomes

On the completion of the course the student will be able to

#	Course Outcome	Knowledge Level (according to Bloom's Taxonomy)
CO1	Comprehend the fundamentals of Statistics.	K1
CO2	Know the sources of data collection.	K2
CO3	Develop the tabulation and diagrammatic representation.	K1
CO4	Acquire knowledge about measuring central tendency.	K3
CO5	Workout the skewness and curtosis.	K3

K1 - Knowledge

K2 - Understand

K3 - Apply

Mapping of COs with POs

	PO1	PO2	PO3	PO4	PO5
CO1	M	M	M	S	S
CO2	S	M	S	S	M
CO3	M	S	S	M	S
CO4	S	M	S	M	M
CO5	S	M	L	L	M

Strong –S (+++) Medium-M (++) Low-L (+)

Mapping of Course Outcomes with Programme Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	M	S	S	S	M	M
CO2	S	M	M	M	S	M
CO3	S	S	M	S	M	S
CO4	M	M	L	M	M	M
CO5	M	L	M	L	M	M

Strong –S (+++) Medium-M (++) Low-L (+)

Blooms taxonomy

	CA		End of Semester
	First	Second	
Knowledge	40%	40%	40%
Understand	40%	40%	40%
Apply	20%	20%	20%

Title of the paper

STATISTICAL METHODS –I (புள்ளியியல் முறைகள்- I)

அலகு – I: புள்ளியியல்

புள்ளியியல் பொருள் விளக்கம் - புள்ளியியல் இலக்கணம் - புள்ளியியலின் வரம்புகளும் பணிகளும் - புள்ளியியலின் குறைபாடுகள் - புள்ளியியலின் விசாரணைதிட்டமிடல் - புள்ளியியல் விசாரணையின் நிலைகள்

அலகு –II: புள்ளிவிவரச் சேகரிப்பு

முழுக்கணிப்புமற்றும் கூறெடுப்புக் கணிப்பு - முதல்நிலைபுள்ளிவிவரங்கள்: முறைகள் - முதல்நிலைபுள்ளிவிவரங்களின் நன்மை தீமைகள் - இரண்டாம் நிலைபுள்ளிவிவரங்கள்: மூலங்கள் - இரண்டாம் நிலைபுள்ளிவிவரங்களின் நன்மை தீமைகள் - முழுக்கணிப்பு முறையின் நன்மைகளும், தீமைகளும்

கூறெடுப்புக் கணிப்புமுறையின் நன்மைகளும், தீமைகளும்

அலகு–III: வகைப்படுத்துதல், அட்டவணைமற்றும் விளக்கப்படங்கள்

வகைப்படுத்துதலின் - பொருள் விளக்கம் மற்றும்; வகைகள் - அட்டவணையிடுதல் - அட்டவணையின் பகுதிகள், அட்டவணையின் பொது விதிகள் மற்றும் வகைகள் - விளக்கப்படங்கள் - பொருள் விளக்கம் மற்றும் பொதுவிதிகள் - விளக்கப்பட வகைகள்: பட்டைவிளக்கப்படம் மற்றும் வட்டவிளக்கப்படம் - வரைபடங்கள் - பொருள் விளக்கம் மற்றும் பொதுவிதிகள் - அலைவெண் பரவல் - செவ்வகப்படம், அலைவெண் பலகோணம், நேர்த்தியான அலைவெண் வளைகோடு

அலகு–IV: மையநிலைப்போக்கு அளவைகள்

மையநிலைப்போக்கு அளவைகளின் சிறப்பியல்புகள் - கூட்டுச்சராசரி: பொருள் விளக்கம் மற்றும் கணக்கீடுகள் - இடைநிலை: பொருள் விளக்கம் மற்றும் கணக்கீடுகள் - முகடு: பொருள் விளக்கம் மற்றும் கணக்கீடுகள் - இசைச்சராசரி மற்றும் பெருக்கல் சராசரி- சராசரிகளின் பயன்பாடுகள்

அலகு–V: சிதறல், கோட்டம் மற்றும் தட்டை அளவைகள்

சிதறல் - பொருள் விளக்கம் மற்றும் முக்கியத்துவம் - வீச்சு: - கால்மான விலக்கம்; - சராசரி விலக்கம் - திட்டவிலக்கம் மற்றும் மாறுவிகிதக் கெழு லாரன்ஸ் வளைகோடு- கோட்டம் - பொருள் விளக்கம் (பெளலிமற்றும் கார்ல்பியர்சன் முறைகள்) - தட்டை அளவை கருத்தாக்கம்

Text Books:

1. Dr Mohan Singhal, 2009, Elements of Statistics(Theory and Practice), 4th edition, Lakshmi Narain Agarwal, Agra.

2. M P Gurusamy, MKamsaMuhideen and M Kamal Raj, 2009, Statistics, 10th Edition, Guru Themozhi, Dindigul.

References

1. B Bhavani, 2007, M S Word and M S Excel, 3rd edition, Kannadasan Pathippagam.

2. S P Gupta, 2007, Statistical Methods, 34th edition, Sultan Chand & Sons, New Delhi.

Course Designers:

Dr.K.Jeyanthi

THIAGARAJAR COLLEGE (AUTONOMOUS): MADURAI – 625 009
DEPARTMENT OF ECONOMICS
 (For those joined B.A., B.Sc., B.Com., B.B.A., B.C.A on or after June 2020)

Course Code	Course Title	Category	L	T	P	Credit
U20ES11	Environmental Studies	AECC1	2	-	-	2

Year	Semester	Int. Marks	Ext.Marks	Total
First	First	15	35	50

Preamble

Students acquire knowledge on the basic concepts, components and importance of environment.

Course Outcomes

On the completion of the course the student will be able to

	Course outcomes	Knowledge Level
CO1	Define the structure and functions of ecosystem	K1
CO2	Explain the benefits of biodiversity conservation	K2
CO3	Summarise the sources, effects and control measures of various types of Pollutant and pollutants	K1
CO4	Perceive the environment legislations in India for sustainable development.	K3
CO5	Elaborate the impact of environmental problems on life systems	K3

K1: Knowledge K2: Understand K3: Apply

Mapping of Course Outcomes with Programme Specific Outcomes

	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	L	L	M	L	M
CO2	---	M	M	---	M
CO3	---	L	M	L	L
CO4	---	---	L	L	L
CO5	S	-	L	M	M

Strong –S (+++) Medium-M (++) Low-L (+)

Mapping of Course Outcomes with Programme Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	S	S	L	S	S	-
CO2	S	M	L	M	L	L
CO3	S	S	L	S	M	L
CO4	S	S	L	M	S	S
CO5	S	M	-	S	S	S

Strong –S (+++) Medium-M (++) Low-L (+)

Blooms taxonomy: Assessment Pattern

	CA		End of Semester
	First	Second	
<i>Knowledge</i>	40%	40%	40%
<i>Understand</i>	40%	40%	40%
<i>Apply</i>	20%	20%	20%

Course Title: Environmental Studies

Unit I

Definition and Scope of Environmental Studies – Ecology and Ecosystem – Structure of an Ecosystem – Food chains, food webs and ecological pyramids – Causes of Biodiversity Loss – Benefit and Conservation of Biodiversity.

Unit II

Environmental problems and Management: Causes, effects and Control measures of : Air Pollution – Water Pollution – Noise pollution – Nuclear Hazards. Solid waste management and Waste Disposal methods. Climate change and Global Warming causes and Measures. Waste and Plastics. Urban environmental problems and measures. Environmental Legislations in India. Sustainable development and Inclusive growth.

Text Book

1. Kanagasabai, C.S. 2005. Environmental Studies. Rasee publishers. Madurai.

Reference Books

1. Yogendra, N. and Srivastava, N. 1998. Environmental Pollution, Ashish Publishing House. New Delhi.
2. Sapru R.K. 2001. Environment Management in India, Vol. I & Vol. II Ashish publishers house, New Delhi.

THIAGARAJAR COLLEGE (AUTONOMOUS): MADURAI – 625 009

DEPARTMENT OF ECONOMICS

(For those who joined B.A. Economics on or after June 2020)

Programme Code: UEC

<i>Course code</i>	<i>Course title</i>	<i>Category</i>	<i>L</i>	<i>T</i>	<i>P</i>	<i>Credit</i>
UEC20C21	MICRO ECONOMICS- II	Core	5	-	-	5

<i>Year</i>	<i>Semester</i>	<i>Internal mark</i>	<i>External Mark</i>	<i>Total</i>
First	Second	25	75	100

Preamble

Acquire knowledge of market structure, product pricing and factor pricing.

Course Outcome

On the completion of the course the student will be able to

	<i>Course outcome</i>	<i>Knowledge level</i>
CO1	Understand the market structure.	K2
CO2	Infer the price and output determination under different market structure.	K2
CO3	Explain the Marginal Productivity Theory and Modern Theory of Distribution.	K2
CO4	Illustrate the Theories of Interest.	K3
CO5	Demonstrate the Theories of profits.	K2

K1 - Knowledge

K2 - Understand

K3 – Apply

Mapping of COs with PSOs

	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	S	M	S	S
CO2	S	S	S	S	S
CO3	S	M	S	M	S
CO4	S	S	S	S	L
CO5	L	S	S	S	S

S- Strong

M- Medium

L-Low

Mapping of Course Outcomes with Programme Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	M	S	M	-	M	S
CO2	M	M	S	S	S	M
CO3	S	M	M	M	S	M
CO4	S	M	M	M	M	M
CO5	-	L	M	L	M	M

Strong –S (+++) Medium-M (++) Low-L (+)

Blooms taxonomy

	CA		End of Semester
	First	Second	
<i>Knowledge</i>	40%	40%	40%
<i>Understand</i>	40%	40%	40%
<i>Apply</i>	20%	20%	20%

Title of the paper

MICRO ECONOMICS – II (நுண்ணினப் பொருளியல்- II)

அலகு – I: பொருள் விலை கோட்பாடு- I

அங்காடி: பொருள் இயல்பு மற்றும் வகைகள்- மார்சலின் கால அளவு கோட்பாடு- நிறைவுப் போட்டி - பொருள் மற்றும் இயல்புகள் - நிறைவு போட்டியில் விலை மற்றும் வெளியீடு நிர்ணயம் - முற்றூரிமை - பொருள் மற்றும் இயல்புகள்-முற்றூரிமையின் வகைகள் - முற்றூரிமையில் விலை நிர்ணயம்.

அலகு – II: பொருள் விலை கோட்பாடு - II

முற்றூரிமைப் போட்டி: பொருள் மற்றும் இயல்புகள் - முற்றூரிமைப் போட்டியில் விலை மற்றும் வெளியீடு நிர்ணயம் - செலவு மற்றும் அதிகதிறன் - இருமுக முற்றூரிமை: பொருள் மற்றும் இயல்புகள்- சிலர் முற்றூரிமை - பொருள் மற்றும் இயல்புகள் - சிலர் முற்றூரிமையின் வகைகள் - திருப்பமுற்ற தேவை வளைகோடு - விலைத்தலைமை - பொருள் மற்றும் வகைகள்.

அலகு – III: காரணி விலையின் கோட்பாடுகள்

சார்பு பகிர்வுக்கும் தனிநபர் பகிர்வுக்கும் இடையே உள்ள வேறுபாடு -பகிர்வு பற்றிய பொதுக் கோட்பாடு-பகிர்வு பற்றிய இறுதிநிலை ஆக்கத்திறன் கோட்பாடு-பகிர்வு பற்றிய தற்கால கோட்பாடு-ரிக்கார்டோவின் வாரக்கோட்பாடு-வாரத்தின் தற்கால கோட்பாடு- போலி வாரம்- கூலிநிதிக் கோட்பாடு.

அலகு – IV: வட்டி பற்றிய கோட்பாடுகள்

வட்டி பற்றிய தொன்மை கோட்பாடு - வட்டி பற்றிய கடன் நிதிக் கோட்பாடு-கால விருப்பக் கோட்பாடு- நீர்மை விருப்பம் - கீன்ஸ்-ன் நீர்மை விருப்பக்;கோட்பாடு

அலகு V: இலாபம் பற்றிய கோட்பாடுகள்

மொத்த மற்றும் நிகர இலாபம் - இலாபத்தின் வகைகள் -இயக்க நிலைக் கோட்பாடு-இலாபத்தின் இடர்தாங்குக் கோட்பாடு - இலாபத்தின் இடர்தாங்கு மற்றும் உறுதிபாட்டின்மை ஏற்புக் கோட்பாடு- இலாபத்தின் புத்தாக்கக் கோட்பாடு.

Text Books:

1. M P Gurusamy, Micro Economics –I, 5th edition, Guru Thenmozhi publishers, 2004.
2. N Srinivasan, Micro Economics, 2nd Edition, Meenakshi Publishers, 2004.
3. M L Jhingan, Principles of Economics, 2nd Edition, Vrinda Publications(P) Ltd, New Delhi, 2005

References:

- 1 M Maria John Kennedy, Advanced Micro Economic Theory, 3rd Edition, Himalaya Publishing House, 2004
- 2 H L Ahuja, Advanced Economic Theory, 11th edition, S Chand & Company Ltd, New Delhi, 2004.

Course Designer:

Dr. S. Kasi

THIAGARAJAR COLLEGE (AUTONOMOUS): MADURAI – 625 009
DEPARTMENT OF ECONOMICS
 (For those who joined B.A. Economics on or after June 2020)
 Programme Code: UEC

Course Code	Course Title	Category	L	T	P	Credit
UEC20C22	HUMAN RESOURCE DEVELOPMENT	Core	5	--	--	5
Year	Semester	Internal mark	External Mark	Total		
First	Second	25	75	100		

Preamble

The course is brief about the nature, scope, importance and theories of HRD.

Course Outcomes

On the completion of the course the student will be able to

	Course Outcome	Knowledge Level
CO1	Define the basic concepts of Human Resource Development	K1
CO2	Outline the importance of Education in HRD	K2
CO3	Identify the problems and prospects of healthcare system in India	K3
CO4	Explain the importance of Nutrition and housing	K2
CO5	Plan the man power requirement in theeconomy.	K3

K1 - Knowledge

K2 - Understand

K3 – Apply

Mapping of COs with PSOs

	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	M	S	S	S
CO2	S	S	L	M	S
CO3	S	S	S	S	S
CO4	S	S	S	S	L
CO5	M	S	S	S	S

S- Strong

M- Medium

L-Low

Mapping of Course Outcomes with Programme Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	M	M	M	M	S	M
CO2	M	S	-	S	M	M
CO3	S	M	S	M	M	S
CO4	S	M	M	M	M	L
CO5	L	-	M	-	M	M

Strong –S (+++) Medium-M (++) Low-L (+)

Blooms taxonomy

	CA		End of Semester
	First	Second	
Knowledge	40%	40%	40%
Understand	40%	40%	40%
Apply	20%	20%	20%

Title of the paper

HUMAN RESOURCE DEVELOPMENT (மனிதவளமேம்பாடு)

அலகு - I: மனித வளம்

மனித வளம் மற்றும் மனிதவளமேம்பாடு: விளக்கம் - இயல்புஇவரம்புமற்றும் முக்கியத்துவம் - மேம்பாட்டுக் குறியீடுகள்: PQLI, HDI and GDI - நீடித்தவளர்ச்சிநோக்கங்கள் (SDGs) - மக்கட்தொகைக் கோட்பாடுகள்: மால்தஸின் கருத்தாக்கம், உத்தமமக்கட்தொகைக் கோட்பாடு மற்றும் மக்கட்தொகைபரிணாமக் கோட்பாடு

அலகு - II: கல்விமற்றும் மனித வளம்

கல்வி: விளக்கம் மற்றும் நோக்கங்கள் - இந்தியாவில் கல்வி அமைப்பு முறை மற்றும் வளர்ச்சி - இந்தியாவில் உயர்கல்வியின் நிலை - கல்வியும் பொருளாதாரவளர்ச்சியும் - இந்தியக் கல்வித்துறையையலகமயமாக்கல்: நிறைமற்றும் குறைகள் - தேசியகல்விக் கொள்கை 2020 - இந்தியாவில் கல்விவளர்ச்சிக்கானமுக்கியத் திட்டங்கள்: SAMAGRA SHIKSHA, RUSA, NPTEL, மற்றும் NDL

அலகு - III: சுகாதாரம் மற்றும் மனித வளம்

சுகாதாரம்:விளக்கம் மற்றும் முக்கியத்துவம் - பொருளாதார மேம்பாட்டில் சுகாதாரத்தின் பங்கு - சுகாதாரமின்மை: காரணங்கள் மற்றும் விளைவுகள் - இந்தியாவில் சுகாதார அமைப்பு முறைகள் - இந்தியாவில் சுகாதார அமைப்பில் உள்ள பிரச்சினைகள் - இந்தியாவிலுள்ள முக்கிய சுகாதார திட்டங்கள்: NRHM, NUHM மற்றும் ஆயுஸ்மான் பாரத்

அலகு - IV: ஊட்டச்சத்து, வீட்டுவசதி மற்றும் மனிதவளம்

ஊட்டச்சத்தின் முக்கியத்துவம் - ஊட்டச்சத்தின்மை: வகைகள், காரணங்கள், விளைவுகள் மற்றும் தீர்க்கும் வழிமுறைகள். இந்தியாவின் முக்கிய ஊட்டச்சத்துத் திட்டங்கள்: மதிய உணவுத் திட்டம் மற்றும் ICDS - இந்தியாவில் வீட்டு வசதிப் பிரச்சினைகள் - தேசிய வீட்டு வசதிக் கொள்கை - வீட்டு வசதி வளர்ச்சி வங்கிகளின் பங்கு.

அலகு- V: மனிதவளத் திட்டமிடல்

மனிதவளத் திட்டமிடல்: விளக்கம், முக்கியத்துவம் மற்றும் நோக்கங்கள் - மனிதவளத் திட்டமிடலின் கூறுகள் - மனிதவளத் திட்டமிடல் முறைகள் - திறன் இந்தியா

Text Books:

1. C.S. Kanagasabai, Economics of HRD, Rasee Publishers (2003).
2. Pareek Udai and Rao T.V, Designing and Managing Human Resource Systems, Oxford and IBH.
3. Rao T.V, Performance Appraisal: Theory and Practice, AIMA, Vikas.

References:

1. Silvera D.M, Human Resource Development: The Indian Experience, New India Publications.
2. Kohli Unit and Sinha D (Ed), Human Resource Development: Global and Strategies in, Allied Publishers2000 A.D.

Course Designer:

Dr.T. Maheswari

THIAGARAJAR COLLEGE (AUTONOMOUS): MADURAI – 625 009

DEPARTMENT OF ECONOMICS

(For those joined B.A.Economics on or after June 2020)

Programme Code: UEC

Course Code	Course Title	Category	L	T	P	Credit
UEC20GE21	STATISTICAL METHODS - II	Generic Elective (Allied)-II	5	-	-	5

L - Lecture

T - Tutorial

P - Practicals

Year	Semester	Internal mark	External Mark	Total
First	Second	25	75	100

Preamble

The course is designed to understand the basic concepts and methods of statistics for students in economics in describing, analyzing and interpreting statistical data. A course dealing with concepts including correlation, regression, time series, index numbers and principles of probability.

Course Outcomes

On the completion of the course the student will be able to

#	Course Outcome	Knowledge Level
CO1	Gain knowledge on correlation analysis.	K1
CO2	Acquire skill on simple linear regression analysis.	K3
CO3	Inculcate the knowledge on time series analysis.	K2
CO4	Impart knowledge on index numbers.	K1
CO5	Apply the principles of probability and the concept of probability distribution.	K2

K1 - Knowledge

K2 - Understand

K3 – Apply

Mapping of COs with POs

	PO1	PO2	PO3	PO4	PO5
CO1	M	S	S	S	S
CO2	S	S	S	S	M
CO3	S	S	L	S	S
CO4	S	S	S	S	S
CO5	S	M	S	L	S

Strong –S (+++) Medium-M (++) Low-L (+)

Mapping of Course Outcomes with Programme Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	M	M	S	M	S	S
CO2	S	S	M	M	S	M
CO3	S	S	M	S	M	-
CO4	M	M	S	-	M	M
CO5	M	L	M	M	-	M

Strong –S (+++) Medium-M (++) Low-L (+)

Blooms taxonomy

	CA		End of Semester
	First	Second	
Knowledge	40%	40%	40%
Understand	40%	40%	40%
Apply	20%	20%	20%

Title of the paper

STATISTICAL METHODS – II (புள்ளியியல் முறைகள்-II)

அலகு - I உடன் தொடர்பு பகுத்தாய்வு

உடன் தொடர்பு - பொருள் விளக்கம் மற்றும் வகைகள் - உடன் தொடர்பை அறியும் முறைகள் - சிதறல் விளக்கப்படம் - கார்ல்பியர்சன் உடன்தொடர்புக்கெழு ஸ்பியர்மேனின் தரவரிசைஉடன்தொடர்புக்கெழு - உடன்தொடர்பின் பயன்கள்

அலகு - II தொடர்புப்போக்கு

தொடர்புப்போக்கு பொருள் விளக்கம் மற்றும் பயன்கள் - உடன்தொடர்புக்கெழுமற்றும் தொடர்புப்போக்குக்கான - வேறுபாடு - தொடர்புப்போக்குசமன்பாடுகள் - $X, y; Y, d$ தொடர்புப்போக்குசமன்பாடு $X, y; Y, d$ தொடர்புப்போக்குசமன்பாடு

அலகு - III காலம்சார் தொடர்வரிசை

காலம்சார் தொடர்வரிசை: பொருள் விளக்கம் மற்றும் பயன்பாடுகள் - காலம்சார் தொடர்வரிசையின் உள்ளீடுகள் - நீண்ட காலப்போக்கு - பருவகாலமாறுதல்கள் - சூழற்சிமாறுதல்கள் - ஒழுங்கற்றமாறுதல்கள் - நீண்ட காலப்போக்கை அளவிடும் முறைகள் - தோராய முறை, பாதிச் சராசரி முறை மற்றும் நகரும் சராசரி (3 ஆண்டுகள் மட்டும்) - குறைந்த வர்க்கமுறை

அலகு- IV குறியீட்டெண்கள்

குறியீட்டெண்கள் - பொருள் விளக்கம் மற்றும் பயன்கள் - குறியீட்டெண் அமைப்பதிலுள்ள சிக்கல்கள் - குறியீட்டெண்ணின் கணக்கிடும் முறைகள்: எடையிடாத மற்றும் எடையிட்ட குறியீட்டெண்கள் - இலாஸ்பியர் குறியீட்டெண் - பாஸ்சிகுறியீட்டெண் - பிசர் குறியீட்டெண் - நல்ல குறியீட்டெண் உடன்பட வேண்டிய தேர்வுகள்: காரணி மற்றும் காலம் மாற்றுத் தேர்வு

அலகு- V நிகழ்தகவு

நிகழ்தகவின் விளக்கம் - நிகழ்தகவு-விளக்கச்சொற்கள் - கூட்டல் தேற்றம் பெருக்கல் தேற்றம் (எளியகணக்குகள்)

Text Books:

1. Dr Mohan Singhal, 2009, Elements of Statistics (Theory and Practice), 4th edition, Lakshmi Narain Agarwal, Agra.
2. M P Gurusamy, MKamsaMuhideen and M Kamal Raj, 2009, Statistics, 10th Edition, Guru Themozhi, Dindigul.

References:

1. Bhavani, 2007, M S Word and M S Excel, 3rd edition, Kannadasan Pathippagam.
2. S P Gupta, 2007, Statistical Methods, 34th edition, Sultan Chand & Sons, New Delhi.

Course Designers:

Dr. K. Jeyanthi

THIAGARAJAR COLLEGE (AUTONOMOUS): MADURAI – 625 009
DEPARTMENT OF ECONOMICS
VALUE EDUCATION
 (For those joined B.A., B.Sc., B.Com., B.B.A., B.C.A on or after June 2020)

Course Code	Course Title	Category	L	T	P	Credit
U20VE21	Value Education	AECC2	2	-	-	1

Year	Semester	Int. Marks	Ext.Marks	Total
First	Second	15	35	50

Preamble

Students acquire knowledge on the basic concepts, components and importance of environment.

Course Outcomes

On the completion of the course the student will be able to

	Course outcomes	Knowledge Level
CO1	Define the values, Self assessment and values needed for self development	K1
CO2	Explain about the good character and good relationships	K2
CO3	Summarise the types of thoughts, developing thought pattern, external influences on thoughts	K1
CO4	Find out the causes of Illusions, Symptoms and stages of stress	K3

K1: Knowledge K2: Understand K3: Apply

Mapping of Course Outcomes with Programme Specific Outcomes

	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	L	-	M	-	-
CO2	-	L	M	L	-
CO3	M	M	S	-	-
CO4		-	M	L	-

Mapping of Course Outcome with Programme Outcomes

	PSO1	PSO2	PSO3	PSO4	PSO5	PO6
CO1	L	-	M	-	-	-
CO2	-	L	M	L	-	L
CO3	M-	M	S	-	-	-
CO4		-	M	L	-	M

Blooms taxonomy: Assessment Pattern

	CA		End of Semester
	First	Second	
<i>Knowledge</i>	40%	40%	40%
<i>Understand</i>	40%	40%	40%
<i>Apply</i>	20%	20%	20%

Course

Unit I

Self Development – Introduction - Definition and Types of Values – Self Assessment – Values needed for self development - Values needed for family life –Principles of happy living

Character development- Good character – Good relationships - Legendary people of highest character – The quest for character –Developing character -The key to good character.

Unit II:

Positive Thinking and Self Esteem - Types of thoughts - Areas of thinking - Developing thought pattern - External influences on Thoughts - Methods to keep outlook positive – Meaning of Self Esteem – Self empowerment.

Stress free living – Illusions and causes - Symptoms and stages of stress – Self confidence– Role models and leadership qualities – Critical thinking - Communication skills – Happy and successful life.

Title of the paper

VALUE EDUCATION (விழுமிய கல்வி)

அலகு – I

அன்றாட வாழ்வின் மதிப்புகள் மற்றும் மதிப்பு ஏற்றலில் உள்ள அறைகூவல் – நடத்தை வளரும் தன்மை – முன்மாதிரிகள் மற்றும் தலைமைப்பண்புகள் – சமூக நீதி – ஊழல் --- ஆசிரியர் கல்வி – இரக்ககுணம் – விமர்சன சிந்தனை – தொடர்பாற்றல் திறன் –மதிப்புக்கல்வி ஏற்றலில் உள்ள அறைகூவல்கள் – கலாச்சார அறைகூவல்கள் – சமூக அறைகூவல்கள் – மத அறைகூவல்கள் – அறிவுப்பூர்வமான மற்றும் தனிநபர் அறைகூவல்கள் – மதிப்புக்கல்வி ஆளுமைத்திறன்.

அலகு – II

நடத்தை முன்னேற்றம் – பொருள் – நன்னடத்தை – நல்ல உறவுகள் – சுய தடைகள் – ஆன்மீகம் – பரிபூரணத்துவம் – மிக உயர்ந்த தன்மை கொண்டவர்கள் – பண்புகள் – நற்பண்புகளைத் தேடுதல் – நற்பண்புகளை பரிசோதித்தல் – ஒழுக்கக்கேடு நல்லொழுக்கத்திற்கான திறவுகோல்கள்.

Reference Books

Study material / Course material

1. Values for Excellence in Life Compiled by then Curriculum Development Cell Thiagarajar College, Madurai, in collaboration with the Education wing, Brahma Kumaris, Madurai.

Generic Elective

Offered by Economics Department

THIAGARAJAR COLLEGE (AUTONOMOUS): MADURAI – 625 009

DEPARTMENT OF ECONOMICS

(For those who joined B.Com. on or after June 2020)

Generic Elective course Syllabus

For I B.Com Students

Major	Year	Sem	Code	Title of the Paper	Cont Hrs/W	Credit
I B.Com	I	I	UEC20GE11C	GENERAL ECONOMICS	5	5
		II	UEC20GE21C	BUSINESS ECONOMICS	5	5

Scheme of Examination

Mark Statements:	Internal (CA)	External (Sum)
Theory:	25	75

THIAGARAJAR COLLEGE (AUTONOMOUS): MADURAI – 625 009
DEPARTMENT OF ECONOMICS
 (For those who joined B.Com. on or after June 2020)
 Programme Code: UEC

Course Code	Course Title	Category	L	T	P	Credit
UEC20GE11C	GENERAL ECONOMICS	Generic Elective	5	-	-	5

Year	Semester	Internal mark	External Mark	Total
First	First	25	75	100

Preamble

The course designed to understand the fundamental concepts of economics and economic theories.

Course Outcomes

On the completion of the course the student will be able to

#	Course Outcome	Knowledge Level
CO1	Define the nature and scope of economic analysis	K1
CO2	Outline the concepts in Demand Theory	K2
CO3	Apply economic concepts in production analysis	K3
CO4	Infer knowledge about the market structure in economics	K2
CO5	Illustrate the theories of distribution	K2

K1 - Knowledge

K2 - Understand

K3 – Apply

Mapping of COs with PSOs

	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	S	M	S	S
CO2	S	L	S	S	S
CO3	S	S	S	S	M
CO4	M	S	S	S	S
CO5	S	S	S	M	S

S- Strong

M- Medium

L-Low

Mapping of Course Outcomes with Programme Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	S	M	M	M	M	M
CO2	M	L	-	L	M	S
CO3	M	-	M	M	-	S
CO4	-	M	-	M	M	M
CO5	M	M	S	-	L	-

Strong –S (+++) Medium-M (++) Low-L (+)

Blooms taxonomy

	CA		End of Semester
	First	Second	
<i>Knowledge</i>	40%	40%	40%
<i>Understand</i>	40%	40%	40%
<i>Apply</i>	20%	20%	20%

Title of the paper

GENERAL ECONOMICS

UNIT-1: INTRODUCTION

Definitions of Economics -Scope of Economics - Approaches – Deductive and Inductive - Economic Analysis- Statics and Dynamics - Positive and Normative Economics - Basic economic concepts – utility, goods and wealth.

UNIT-II: CONSUMPTION

Demand - Meaning -Law of demand - Exceptional demand curve - Determinants of demand - Elasticity of Demand - Types of Price Elasticity of Demand - Income Elasticity of Demand - Cross Elasticity of Demand - Methods of Measuring Elasticity of Demand - Law of Diminishing Marginal Utility - Law of Equi-Marginal Utility.

UNIT-III: PRODUCTION

Cost concepts: AC, MC,VC,TC,FC,AVC, and AFC- Relationship between AC and MC - Revenue concepts: AR,MR and TR - Relationship between AR and MR - Law of Variable Proportions - Laws of Returns to Scale - Constant, Increasing and Diminishing Returns to Scale - Concept of Isoquant and Isocost - Producers' Equilibrium.

UNIT-IV: EXCHANGE

Market Structure: Meaning and Types- Perfect Competition: Features, price and output determination - Monopoly: Features, price and output determination - Learner's measure of monopoly power - Control of monopoly - Monopolistic Competition: Features, price and output determination - Duopoly and Oligopoly: Meaning and features - Reasons for price rigidity- Kinked demand curve model.

UNIT-V: DISTRIBUTION

National Income: Meaning and its measurement - Modern Theory of Distribution Ricardian Theory of Rent - Marginal Productivity Theory of Wages and Modern Theory of Wages - Classical Theory and Liquidity Preference Theory of Interest - Dynamic Theory and Innovation Theory of Profit.

Text Books:

1. M L Jhingan, **Principles of Economics**, Edition 2, Vrinda Publications(P) Ltd, New Delhi, 2005.
2. M Maria John Kennedy, **Advanced Micro Economic Theory**, Edition 3, Himalaya Publishing House, 2004.
3. H L Ahuja, **Advanced Economic Theroy**, Edition 11, S Chand & Company Ltd, New Delhi, 2004

References:

1. S Sankaran, Economic Analysis, Edition 9, Margham Publishcations, Chennai, 2001.
2. Cotton M Lindsay, **Applied Price Theory**, Edition 5, Holt Saunder's International Editions, 2002.

Course Designer:

Dr. T. Maheswari

THIAGARAJAR COLLEGE (AUTONOMOUS): MADURAI – 625 009
DEPARTMENT OF ECONOMICS
 (For those who joined B.Com on or after June 2020)
 Programme Code: UEC

Course Code	Course Title	Category	L	T	P	Credit
UEC20GE21C	BUSINESS ECONOMICS	Generic Elective	5	-	-	5

Year	Semester	Internal mark	External Mark	Total
First	Second	25	75	100

Preamble

The paper makes the students to recognise the application of economic concepts in business decision making.

Course Outcomes

On the completion of the course the student will be able to

#	Course Outcome	Knowledge Level
CO1	Outline the role and responsibilities of a business economist.	K2
CO2	Infer the basic knowledge about demand forecasting features and methods	K2
CO3	Explain the techniques of cost control and reduction	K1
CO4	Identify the various pricing policies and methods in managerial decisions	K2
CO5	Define critical thinking on profit management.	K1

K1 - Knowledge

K2 - Understand

K3 – Apply

Mapping of COs with PSOs

	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	S	M	S	S
CO2	S	L	S	S	M
CO3	S	S	S	S	S
CO4	S	S	S	L	S
CO5	M	S	S	S	S

S- Strong

M- Medium

L-Low

Mapping of Course Outcomes with Programme Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	S	M	M	S	M	S
CO2	M	-	S	M	-	M
CO3	M	S	S	M	S	M
CO4	-	M	-	M	-	-
CO5	M	-	M	M	M	M

Strong – S (+++) Medium-M (++) Low-L (+)

Blooms taxonomy

	CA		End of Semester
	First	Second	
<i>Knowledge</i>	40%	40%	40%
<i>Understand</i>	40%	40%	40%
<i>Apply</i>	20%	20%	20%

Title of the paper

BUSINESS ECONOMICS

UNIT – I: BUSINESS ECONOMICS

Nature and Scope of Business Economics - Basic Concepts of Business Economics - Difference between Economics and Business Economics - Business Economics and its relationship with other Subjects - Role and Responsibilities of a Business Economist - Objectives of a modern Business Firm

UNIT – II: DEMAND FORECASTING

Meaning and Types of Demand Forecasting- Methods of Demand Forecasting for established products - Demand forecasting for new products - Features of Demand Forecasting method - Criteria for good Forecasting method

UNIT – III: COST CONTROL AND CAPITAL BUDGETING

Cost Concepts- Cost control and reduction- Importance- Techniques of cost control – Techniques of cost reduction - areas of cost control. Capital Budgeting-Importance- Pre-requisites – Phases of capital budgeting.

UNIT –IV: PRICING POLICIES

Objectives of Pricing Policies- Factors involved in pricing policy - Pricing Methods: Pricing a new product, Multiple Products and Product-line pricing , Pricing over the life-cycle of a product, Pricing in relation to established product - Pricing Techniques: Demand related, Cost related, and competition oriented .

UNIT – V: PROFIT MANAGEMENT

Nature of profit – Accounting and Economic Profits – Break-Even Analysis: Meaning, Assumptions - Determinants of BEP: BEA in terms of Physical units and BEA in terms of Sales value – Limitations - Usefulness of BEA - Profit Forecasting: Meaning and approaches

Text Books:

1. P L Mehta, **Managerial Economics, Analysis, Problems and Cases**, Edition 11, Sultan Chand & Sons, New Delhi, 2005.
2. D V Dwivedi, **Managerial Economics**, Edition 6, Vikas Publishing House Pvt Ltd, 2005.
3. R L Varshney and K L Maheswari, **Managerial Economics**, Edition 17, Sultan Chand & Sons, New Delhi, 2005.

References:

1. Cauvery and Others, **Managerial Economics**, Edition 2, S Chand & Company Ltd, New Delhi, 2005.
2. R Sharma, **Managerial Economics**, Edition 5, Lakshmi Narain Agarwal, Agra, 2004.

Course Designer:

Dr. T. Maheswari

M.A. Economics

Programme Code - PEC

THIAGARAJAR COLLEGE, MADURAI – 9.

(Re-Accredited with 'A' Grade by NAAC)

Curriculum Structure for PG

Semester	Category	No. of Courses	Credit Distribution
I	Core	---	18
	Elective	1	5
II	Core	---	18
	Elective	1	5
III	Core	---	18
	Elective	1	5
IV	Core	---	18
	Project	1	3
Total Credits			90

For Choice Based Credit System (CBCS)

- Choices should be offered for Elective Courses
- Total Credits for Core Courses 72
Total Credits for Elective Courses 18 (3 Electives + 1 Project)

THIAGARAJAR COLLEGE, MADURAI- 9
(Re-Accredited with 'A' Grade by NAAC)
PG & RESEARCH DEPARTMENT OF ECONOMICS

Programme Educational Objectives (PEO)

The objectives of this programme is to equip/prepare the students

PEO 1	Capable of enhancing their knowledge of classical and modern economics.
PEO 2	Apply the knowledge of economic principles, quantitative techniques , empirical methods to analyse economic problems
PEO 3	Understand the social science research and undertake research projects in Economics
PEO 4	Analyse the relevant economic literature, concretise economic problems and evolve the connection between theory and empirical conditions.
PEO 5	Enhance the skills for getting employment in academic and other institutions.

Programme specific outcomes- M.A Economics

On the successful completion of M.A., Economics the students will

PSO 1	Comprehend the advanced economic concepts and principles.
PSO 2	Identify the fundamental principles and models of modern economics in detail.
PSO 3	Expand in-depth competency in the core areas of theoretical and applied economics.
PSO 4	Capable to apply quantitative methods in policy making
PSO 5	Solve the economic and social problems through modern economic models.

THIAGARAJAR COLLEGE, MADURAI- 9**(Re-Accredited with 'A' Grade by NAAC)****PG & RESEARCH DEPARTMENT OF ECONOMICS****M.A., Economics – Course Structure - (w.e.f. 2020 Batches Onwards)****Programme Code: PEC****Semester - I**

Course	Course Code	Course Title	Ins. Hrs/ Week	Credit	Exam Hrs.	Marks		Total
						Int.	Ext.	
Core Course – I	PEC20C11	Microeconomic theory – I	6	5	3	25	75	100
Core Course – II	PEC20C12	Macroeconomic Theory – I	6	5	3	25	75	100
Core Course – III	PEC20C13	Indian Economy	6	4	3	25	75	100
Core Course – IV	PEC20C14	Mathematical Methods	6	4	3	25	75	100
Elective Course – I	PEC20CE11 A/B	Economic Thought /Labour Economics	6	5	3	25	75	100
			30	23	15	125	375	500

Semester – II

Core Course – V	PEC20C21	Microeconomic Theory – II	6	5	3	25	75	100
Core Course – VI	PEC20C22	Macroeconomic Theory – II	6	5	3	25	75	100
Core Course – VII	PEC20C23	Economics of Agriculture	6	4	3	25	75	100
Core Course – VIII	PEC20C24	Statistical Methods	6	4	3	25	75	100
Elective Course –II	PEC20CE21 A/B	Human Resource Development / Health Economics	6	5	3	25	75	100
			30	23	15	125	375	500

Semester – III

Core Course – IX	PEC20C31	Theory of Money and Finance	6	5	3	25	75	100
Core Course – X	PEC20C32	Public Economics – I	6	5	3	25	75	100
Core Course – XI	PEC20C33	Development Economics – I	6	4	3	25	75	100
Core Course – XII	PEC20C34	Research Methodology	6	4	3	25	75	100
Elective Course-III	PEC20CE31 A/B	Econometric Methods/ Managerial Economics	6	5	2	25	75	100
			30	23	14	125	375	500

Semester – IV

Core Course – XIII	PEC20C41	International Economics	6	5	3	25	75	100
Core Course – XIV	PEC20C42	Public Economics – II	6	5	3	25	75	100
Core Course – XV	PEC20C43	Development Economics – II	6	4	3	25	75	100
Core Course – XVI	PEC20C44	Environmental Economics	6	4	3	25	75	100
Elective Course-IV	PEC20PJ41	Project	6	3	--	40	60	100
			30	21	12	150	350	500

Contact hrs and credit distribution

Semester	Contact Hrs/ Week	Credits
I	30 hrs	23
II	30 hrs	23
III	30 hrs	23
IV	30 hrs	21
Total	180 hrs	90

	No of papers	Credit/ paper	Total Credit
Core Theory	16	5/4	72
Elective	3	4	15
Project	1	4	03
Total			90

THIAGARAJAR COLLEGE (AUTONOMOUS): MADURAI – 625 009**DEPARTMENT OF ECONOMICS**

(For those who joined M.A. Economics on or after June 2020)

Programme Code: PEC

Course Code	Course Title	Category	L	T	P	Credit
PEC20C11	MICROECONOMIC THEORY-I	Core	5	1	-	4

Year	Semester	Internal mark	External Mark	Total
First	First	25	75	100

Preamble

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

Prerequisites

Know the basic ideas in the theories of micro economics.

Course Outcomes

On the completion of the course the student will be able to

	Course Outcome	Knowledge Level
CO1	Explain the Methodology or techniques of economic analysis	K2
CO2	Recall various laws pertaining to the utility analysis	K2
CO3	Criticize the Revision of Demand theory and Modern Utility theory.	K5
CO4	Recall producers equilibrium	K1
CO5	Examine the cost functions and theories of cost and relationship between TR, AR and MR	K4

K1 - Knowledge K2 - Understand K3 – Apply K4 – Analyze K5 – Evaluate

Mapping of Course Outcomes with Programme Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	S	M	S	M	S	S	S
CO2	M	-	M	S	-	M	M
CO3	M	M	M	S	M	-	S
CO4	S	S	-	L	M	L	S
CO5	L	S	S	M	S	M	-

Strong –S (+++), Medium –M (++), Low-L (+)

Mapping of COs with PSOs

	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	S	S	S	S
CO2	S	M	S	S	S
CO3	S	S	S	M	S
CO4	S	S	L	S	M
CO5	M	S	S	S	S

S- Strong M- Medium L-Low

Blooms taxonomy

	CA		End of Semester
	First	Second	
Knowledge -K1	15% (9)	15% (9)	15% (20)
Understand -K2	15% (9)	15% (9)	15% (20)
Apply-K3	30% (18)	30% (18)	30% (40)
Analyze-K4	20% (12)	20% (12)	20% (25)
Evaluate-K5	20% (12)	20% (12)	20% (25)
Create-K6	60	60	130

Title of the paper

MICROECONOMIC THEORY-I

UNIT I: INTRODUCTION

Value Judgments in Economics - Role of Assumptions in Economic Theory -Deductive and Inductive Methods - Partial and General Equilibrium Analysis - Model Building in Economics -Economic Statics and Dynamics – Cobweb Theorem

UNIT II: THEORY OF DEMAND – I

Demand Function - Law of Demand - Main criticisms of Marshallian Utility Analysis - Pragmatic Approach to Demand Analysis - Methods of measuring Elasticity of Demand -Consumer's Equilibrium (Indifference Curve Theory) - Consumer's Equilibrium and Change (Hicks Versus Slutsky)

UNIT III: THEORY OF DEMAND – II

Samuelson's Revealed Preference Theory - Derivation of Demand Curve from Revealed Preference Theory - Hicks' Revision of Demand Theory - Modern Utility Theory - Neumann-Morgenstern utility Index - Bernoulli Hypothesis - Markovitz Hypothesis - Friedman – Savage Hypothesis

UNIT IV: THEORY OF PRODUCTION

Production Function - Law of Variable Proportions - Production Function: Iso quant and Iso cost Approaches - Elasticity of Substitution of Factors - Producer's Equilibrium - Laws of Returns to Scale - Properties of Cobb-Douglas and CES Production Functions - Managerial uses of Production Function

UNIT V: COST AND REVENUE ANALYSIS

Cost Functions (short run and long run) - Traditional Theory of Cost: Short run and Long run Cost Curves - Modern Theory of Cost: Short run and Long run Cost Curves - Importance of Revenue Curves - The relationship between TR, AR and MR - Break-even Analysis

Text Books:

1. Koutsoyiannis, Modern Micro Economics, **ELBS with Macmillan, London**, 1979
2. M.L. Jhingan, Advanced Economic Theory, **Vrinda Publications (P) Ltd.**, 2003

References:

1. Amos, Witztum, Economics – An Analytical Introduction, **Oxford University press – Reprint 2007**
2. Hai. R. Varian, Intermediate Micro Economics – Modern Approach, **W.W. Narton & Company**
3. Dwivedi, Micro Economic Theory and Applications, **Pearson**
4. Baumol W.J, Economic Theory and Operations Analysis, **Prentice Hall of India**, 1978
5. Cohen K.J and Cyert Theory of the Firm, **Prentice Hall of India**, 1976

Course Designer

Dr.P.Asokan

THIAGARAJAR COLLEGE (AUTONOMOUS): MADURAI – 625 009**DEPARTMENT OF ECONOMICS**

((For those who joined M.A. Economics on or after June 2020))

Programme Code: PEC

Course Code	Course Title	Category	L	T	P	Credit
PEC20C12	MACROECONOMIC THEORY - I	Core	5	1	---	4

Year	Semester	Internal mark	External Mark	Total
First	First	25	75	100

Preamble

Educate the graduates in realms of macro approach and analyzing the problems in economics. It deliberates the macro concepts and theoretical importance in the fields of macro economics.

Prerequisites

Students are familiar with concepts, theories and models of Macro Economics.

Course Outcomes

On the completion of the course the student will be able to

	Course Outcome	Knowledge Level (according to Bloom's Taxonomy)
CO1	Explain Macro Economics and estimate the national income accounting	K2
CO2	Outline the classical Macro Economic theories	K2
CO3	Simplify the Keynesian theory of employment, income and output	K4
CO4	Analyse the Behavioural foundations of modern theories of consumption	K3
CO5	Determine the General Equilibrium in the Goods and Money Markets	K5

K1 - Knowledge K2 - Understand K3 – Apply K4 – Analyze K5 - Evaluate

Mapping of Course Outcomes with Programme Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	S	M	M	S	S	S	S
CO2	S	S	-	S	M	M	M
CO3	M	M	S	M	S	-	-
CO4	-	M	M	L	M	M	M
CO5	L	S	L	M	M	S	M

Strong –S (+++), Medium –M (++), Low-L (+)

Mapping of COs with PSOs

	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	S	M	S	S
CO2	M	S	S	S	M
CO3	S	S	S	S	S
CO4	S	L	S	S	S
CO5	S	S	L	M	S

S- Strong M- Medium L-Low

Blooms taxonomy

	CA		End of Semester
	First	Second	
Knowledge -K1	15% (9)	15% (9)	15% (20)
Understand -K2	15% (9)	15% (9)	15% (20)
Apply-K3	30% (18)	30% (18)	30% (40)
Analyze-K4	20% (12)	20% (12)	20% (25)
Evaluate-K5	20% (12)	20% (12)	20% (25)
Create-K6	60	60	130

Title of the paper

MACROECONOMIC THEORY – I

UNIT I: INTRODUCTION AND NATIONAL INCOME

Macro Economics– Definition - Schools of Thought in Macro Economics Stock and Flow variables - Macro Static and Dynamics - Economic models - National Income: Meaning and Concepts - Methods of National Income Accounting -Difficulties and uses of National Income
Circular Flow of Income – Two, Three and Four sector - Importance of circular flow

UNIT II: THE CLASSICAL THEORY OF EMPLOYMENT

Full Employment and Unemployment - Types of Unemployment - Classical Theory of Employment - The Classical model of Employment - Labour Market - Money Market -Commodity Market - The Collapse of classical Economics - Criticisms of Classical Theory of employment - J.B. Say’s Law of Market

UNIT III: KEYNESIAN THEORY OF INCOME AND EMPLOYMENT

The Principle of Effective Demand - Determinants of Effective Demand: ADF and ASF - Keynes notion of Unemployment equilibrium - The Complete Keynesian Model - Saving and Investment Approach - Comparison of Keynes Vs The Classics - Liquidity Trap - its policy implications

UNIT IV: MODERN THEORIES OF CONSUMPTION FUNCTION - (BEHAVIOURAL FOUNDATIONS)

The Consumption Function – Determinants of Consumption Function - APC & MPC - Keynes Psychological Law of Consumption - Modern Theories of Consumption Function: Absolute Income Hypothesis - Relative Income Hypothesis - Permanent income Hypothesis - Life-Cycle Hypothesis

UNIT V: GENERAL EQUILIBRIUM ANALYSIS – THE IS-LM FRAMEWORK

Investment and The Rate of Interest - Derivation and Slope of IS curve - The LM Curve -Derivation and Slope of LM curve - IS = LM Function - General Equilibrium in the Goods and Money Markets - Elasticity (Effectiveness) of the LM function in terms of Three Ranges :The Keynesian Range - The Classical Range - The Intermediate Range

Text Books:

1. M.L. Jhingan, **Macroeconomic Theory**, Vrinda Publications (P) Ltd.,
2. Rana and Verma, **Macroeconomic Analysis**, Visual Publishing Co.
3. Gardner Ackley, **Macroeconomic Theory**, Surjeet Publications, New Delhi,
4. Edward Shapiro, **Macroeconomic Analysis**, Harcourt, Brace Jovanovich.
5. Stanley.L. Brue, **Essentials of Economics**, Tata McGraw-Hill Publications

References:

1. Andrew B. Abel, **Macroeconomics**, Taj Press.
2. T.R. Jain & O.P. Kanna, **Macroeconomic Management**, V.K. (India) Enterprises, New Delhi.
3. H.C. Ahuja, **Macro Economics-Theory and Policies**, Sultan Chand Sons, New Delhi

Course Designer

Dr.K.Jeyanthi

THIAGARAJAR COLLEGE (AUTONOMOUS): MADURAI – 625 009

DEPARTMENT OF ECONOMICS

(For those who joined M.A. Economics on or after June 2020)

Programme Code: PEC

Course Code	Course Title	Category	L	T	P	Credit
PEC20C13	INDIAN ECONOMY	Core	5	1	-	4

Year	Semester	Internal mark	External Mark	Total
First	First	25	75	100

Preamble

Put forward the nature and scope of the Indian Economy, the policy frameworks, the need for economic development in the form of agricultural, industrial development and service sector.

Prerequisite:

Acquire the basic knowledge in economic concepts and indicators.

Course Outcomes

On the completion of the course the student will be able to

	Course Outcome	Knowledge Level (according to Bloom's Taxonomy)
CO1	Outline the structure and characteristics of Indian economy	K2
CO2	Explain Poverty matters and Unemployment	K2
CO3	Assume the Industrial Policy, Service sectors and economic development	K4
CO4	Evaluate the Economic reforms	K5
CO5	Apply the Economic Need and Importance of Infrastructure	K3

K1 - Knowledge K2 - Understand K3 – Apply K4 – Analyze K5 - Evaluate

Mapping of COs with PSOs

	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	S	S	S	S
CO2	M	S	S	M	S
CO3	S	S	S	S	S
CO4	S	S	S	S	M
CO5	M	S	M	S	S

S- Strong M- Medium L-Low

Mapping of Course Outcomes with Programme Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	S	M	S	S	M	S	S
CO2	S	S	S	M	M	M	S
CO3	M	M	M	-	M	M	M
CO4	M	M	S	M	-	M	M
CO5	S	M	M	L	S	L	M

Strong –S (+++), Medium –M (++), Low-L (+)

Blooms taxonomy

	CA		End of Semester
	First	Second	
Knowledge -K1	15% (9)	15% (9)	15% (20)
Understand -K2	15% (9)	15% (9)	15% (20)
Apply-K3	30% (18)	30% (18)	30% (40)
Analyze-K4	20% (12)	20% (12)	20% (25)
Evaluate-K5	20% (12)	20% (12)	20% (25)
Create-K6	60	60	130

Title of the paper

INDIAN ECONOMY

UNIT-1: STRUCTURE OF THE INDIAN ECONOMY

Characteristics of Indian Economy - Role of Agriculture - Resource Endowments - Infrastructure: Physical and Social - Structure and Size of Population - Migration: Forms, Causes and Consequences - Urbanisation : Causes and Consequences - Population and Pollution: Causes, Effects and Control

UNIT-II: POVERTY, INEQUALITY AND UNEMPLOYMENT

Poverty - Causes - Poverty Eradication Programmes - Inequality of Incomes - Regional inequality in India - Unemployment in India - Causes of unemployment - Measures for unemployment - Major employment generation programmes - MGNREG Act

UNIT-III: INDUSTRIAL AND SERVICE SECTOR

Industrial Pattern and five year plans - Industrial Policies: 1948, 1956 and 1991 - Role of Public sector and private sector - Industrial sickness : Causes and Remedial Measures - Problems and Prospects of SME's - Role of MNC's : Effects - Growth and Contribution of Service Sector in India - Role of Liberalisation in Service Sector - Indian IT Industry : Origin and Development - Recent IT Policy

UNIT-IV: ECONOMIC REFORMS IN INDIA

Reasons for Economic Reforms in India - Macroeconomic stabilization - Structural reforms – New Economic Policy - Industrial deregulation - Public sector reforms and disinvestment - Financial sector reforms - Appraisal of Economic Reforms

UNIT-V: INDIAN INFRASTRUCTURE FACILITIES AND CAPITAL FORMATION

Contribution of Infrastructure Facilities to Economic Development - Transport facilities - Type and Sources of Energy - Tele Communication - Capital Formation in India - Low Capital Formation – Causes - Methods of Increasing Capital

Text Books:

1. Indian Economy, Rudder Datt, Sundaram K.P.M., S.Chand & Company, New Delhi, 2016.
2. Indian Economy, S.K. Misra and V. K. Puri Himalaya Publishing House, Mumbai, 2016.

Reference Books:

1. Uma Kapila, Indian Economy-Performance and policies, Academic Foundation, New Delhi.
2. Barthwal, Industrial Economics, New International Age Ltd, 2016.

Course Designer:

Dr. S.MURUGAN

THIAGARAJAR COLLEGE (AUTONOMOUS): MADURAI – 625 009

DEPARTMENT OF ECONOMICS

(For those who joined M.A. Economics on or after June 2020)

Programme Code: PEC

Course Code	Course Title	Category	L	T	P	Credit
PEC20C14	MATHEMATICAL METHODS	Core	5	1	---	4

Year	Semester	Internal mark	External Mark	Total
First	First	25	75	100

Preamble

Train students in the use of mathematical approach and analyzing problems in economics. This course is designed to expose students to the concept of optimization through differential calculus and use basic principles of integral calculus in order to solve economic problems and interpret the results.

Prerequisites:

Know the basic ideas of calculus and linear algebra.

Course Outcomes

On the completion of the course the student will be able to

	Course Outcome	Knowledge Level (according to Bloom's Taxonomy)
CO1	Explain appropriate techniques to solve problems with linear algebra	K1
CO2	Interpret basic concepts of game theory	K2
CO3	Make use of maxima and minima for functions of single and several variables	K3
CO4	Inspect the optimization techniques used in economic theory	K4
CO5	solve economic problems through differential calculus and integral calculus	K5

K1 - Knowledge K2 - Understand K3 – Apply K4 – Analyze K5 - Evaluate

Mapping of Course Outcomes with Programme Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	M	S	M	M	M	M	M
CO2	M	M	M	-	M	S	-
CO3	M	M	L	S	-	S	M
CO4	-	M	M	M	M	M	S
CO5	S	L	M	S	L	M	M

Strong –S (+++), Medium –M (++), Low-L (+)

Mapping of COs with PSOs

	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	M	M	S	S
CO2	M	S	S	M	M
CO3	S	S	S	M	S
CO4	S	S	S	S	S
CO5	M	M	M	S	S

S- Strong M- Medium L-Low

Blooms taxonomy

	CA		End of Semester
	First	Second	
Knowledge -K1	15% (9)	15% (9)	15% (20)
Understand -K2	15% (9)	15% (9)	15% (20)
Apply-K3	30% (18)	30% (18)	30% (40)
Analyze-K4	20% (12)	20% (12)	20% (25)
Evaluate-K5	20% (12)	20% (12)	20% (25)
Create-K6	60	60	130

Title of the paper

MATHEMATICAL METHODS –I

UNIT I: MATRIX ALGEBRA

Definition and Types of Matrices - Addition and Subtraction of Matrices - Minors, cofactors and Ad joint Matrices , Inverse of a Matrix - Solution of Linear Simultaneous Equations – Cramer’s Rule – matrix inversion method

UNIT II: THEORY OF GAMES

Meaning and basic concepts of Game Theory- - Two Person Zero Sum Games – payoff matrix- Maximin – Minimax Principle – Pure Strategy Games – Principle of dominance – Mixed Strategy Games – Graphical method of solution.

UNIT III: DIFFERENTIAL CALCULUS – I

Concept of Differentiation - Techniques of Differentiation: Derivative of x^n Derivative of logarithmic function, Derivative of exponential function , Function of function rule, Differentiation of implicit function, Product and Quotient rules , Higher order derivatives up to third order- Maxima and Minima- Revenue, Cost and Profit Applications

UNIT IV: DIFFERENTIAL CALCULUS –II

Concept of partial differentiation, First order partial derivatives, Second order partial derivatives - Homogeneous functions : Euler’s Theorem-Cobb-Douglas Production function- - properties of Cobb-Douglas and CES production function- properties, Maxima and Minima for two variables case - Profit maximization for Bivariate Discriminating monopoly

UNIT V: INTEGRAL CALCULUS

Indefinite Integral - Rules of Integration- Power Rule - Exponential Rule - Logarithmic Rule –method of substitution- Definite Integral-application- Consumer’s Surplus and Producer’s Surplus

Text Books:

1. Tara Yamane, **Mathematics for Economists – An Elementary Survey**, Prentice Hall of India Pvt. Ltd, 1988.
2. Mehta – Madnani, **Mathematics for Economists**, Sultan Chand & Sons, New Delhi, 8th Edition, 2005.
3. D Bose, **An Introduction to Mathematical Economics**, Himalaya Publishing House, 1996.

Reference Books:

1. Alpha C.Chiang, **Fundamental Methods of Mathematical Economics**, Tata McGraw Hill International Edition, Edition 1984
2. R.G.D.Allen , **Mathematical Analysis for Economists**, Macmillon India Ltd., 1999.
3. Archibald, Richard & Lipsey, **An Introduction to Mathematical Treatment of Economics**, AITBS, New Delhi – 051, First Indian Edition, 1984.
4. J.K.Sharma, **Mathematics for Business and Economics**, Asian Books Pvt. Ltd., New Delhi – 002, 2002 edition.

N.B : The subject being an introductory one to students of Economics at the post graduate level, there shall be no questions on trigonometric functions.

Course Designer

Dr. R. Bagavathi Muthu

THIAGARAJAR COLLEGE (AUTONOMOUS): MADURAI – 625 009

DEPARTMENT OF ECONOMICS

(For those who joined M.A. Economics on or after June 2020)

Programme Code: PEC

Course Code	Course Title	Category	L	T	P	Credit
PEC20CE11(A)	ECONOMIC THOUGHT	Elective	5	1	---	5

Year	Semester	Internal mark	External Mark	Total
First	First	25	75	100

Preamble

Inculcate the knowledge various stages of economic thinkers and their ideas. The course is specifically designed to know the economic thoughts of various schools.

Prerequisites

Students have got the brief ideas of various economists in their UG Level.

Course Outcomes

On the completion of the course the student will be able to

#	Course Outcome	Knowledge Level (according to Bloom's Taxonomy)
CO1	Outline the history of pre-classical economic thought.	K2
CO2	Explain the Classicism and neo-classicism	K2
CO3	Inference the concept of socialism	K4
CO4	Appraise the concepts of Austrian and Institutional School.	K3
CO5	Appraise the thoughts of historical, Keynesian and welfare schools	K5

K1 - Knowledge K2 - Understand K3 – Apply K4 – Analyze K5 – Evaluate

Mapping of Course Outcomes with Programme Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	S	M	M	-	M	S	S
CO2	S	M	S	M	S	M	M
CO3	M	S	M	S	M	S	S
CO4	M	M	M	M	M	M	S
CO5	S	L	-	M	-	L	M

Strong –S (+++), Medium –M (++), Low-L (+)

Mapping of COs with PSOs

	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	S	S	S	S
CO2	S	S	M	S	S
CO3	S	S	S	L	M
CO4	M	S	S	S	S
CO5	S	L	S	S	S

S- Strong M- Medium L-Low

Blooms taxonomy

	CA		End of Semester
	First	Second	
Knowledge -K1	15% (9)	15% (9)	15% (20)
Understand -K2	15% (9)	15% (9)	15% (20)
Apply-K3	30% (18)	30% (18)	30% (40)
Analyze-K4	20% (12)	20% (12)	20% (25)
Evaluate-K5	20% (12)	20% (12)	20% (25)
Create-K6	60	60	130

Title of the paper

ECONOMIC THOUGHT

UNIT I: PRE-CLASSICAL ECONOMIC THOUGHT

Introduction to History of Economic thought- Origin of Mercantilism - Different connotations of Mercantilism.- Factors shaping Mercantilism- Contributions of Mercantilist and Assessment of Mercantilism- Evolution of Physiocracy . Factors responsible for the rise of Physiocracy- Economic doctrines of Physiocrats -Theoretical aspects : Natural Order, Net Product and distribution of Wealth.

UNIT II: CLASSICISM AND NEO CLASSICISM

Contributions of Adam Smith -Doctrines of David Ricardo- Ideas of Thomas Robert Malthus- J.S Mill's economic thought- J.B Say's development doctrines- Marshallian Economics

UNIT III: STATE SOCIALISM AND MARXIAN THOUGHT

State Socialism: Saint Simon, Sismondi - The Socialistic critics and the rise of Socialism- Utopian Socialism: Robert Owen- Scientific Socialism: Karl Marx and Engels.

UNIT IV: AUSTRIAN AND INSTITUTIONAL SCHOOL

Austrian School ; Marginalism- Karl Menger, Von Wieser and Bom Bawerk- Mathematical School ; Leon Walras- Institutional School ; Veblen, Commons, Mitchell- Reactions against Neo-classicism.

UNIT V: HISTORICAL, KEYNESIAN AND WELFARE SCHOOLS

Historical Schools ; William Roscher, Hildebrand and Schomeller Keynesianism - Old Welfare Economics; A.C. Pigou and Hobson- New Welfare Economics; Paretian Welfare Economics.- Modern Economic Thought ; Ranade and Gandhi.

Text Books:

1. Hajela, T. N, History of Economics Thought, Konark Publications, 2000.
2. Loganathan.V, History of Economic Thought, S.Chand & Co., 1998.

References:

1. Dessai and Nirmal Bhalero, Economic History of Indian, Himalaya Publishing House, New Delhi.
2. Girija and Manimekalai, History of Economics Thought, Virinda Publications, New Delhi.
3. Mittal Sanjay and Prakash Sharma, Economic thought – then and new RBSA Publications, Jaipur

Course Designer

Dr. I.Chitra

THIAGARAJAR COLLEGE (AUTONOMOUS): MADURAI – 625 009

DEPARTMENT OF ECONOMICS

(For those who joined M.A. Economics on or after June 2020)

Programme Code: PEC

Course Code	Course Title	Category	L	T	P	Credit
PEC20CE11(B)	LABOUR ECONOMICS	Elective	5	1	---	5

Year	Semester	Internal mark	External Mark	Total
First	First	25	75	100

Preamble

Facilitate the knowledge in the field of Labour Economics

Prerequisites

Students have got the brief ideas of labour laws in their UG Level.

Course Outcomes

On the completion of the course the student will be able to

#	Course Outcome	Knowledge Level (according to Bloom's Taxonomy)
CO1	Define the Characteristics of labour.	K1
CO2	Understand the Nature of Employment in India.	K2
CO3	Assess the discrimination in Labour Markets.	K3
CO4	Examine the Dispute Settlement and Prevention Mechanism.	K4
CO5	Evaluate the Role of Labour Organization	K5

K1 - Knowledge K2 - Understand K3 – Apply K4 – Analyze K5 - Evaluate

Mapping of Course Outcomes with Programme Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	M	S	M	S	M	S	S
CO2	M	M	S	-	M	M	M
CO3	-	M	S	M	S	M	S
CO4	M	M	M	S	-	M	-
CO5	M	L	M	S	M	M	L

Strong –S (+++), Medium –M (++), Low-L (+)

Mapping of COs with PSOs

	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	S	M	S	S
CO2	S	S	S	S	S
CO3	M	S	S	L	S
CO4	S	L	M	S	S
CO5	S	S	S	S	S

S- Strong M- Medium L-Low

Blooms taxonomy

	CA		End of Semester
	First	Second	
Knowledge -K1	15% (9)	15% (9)	15% (20)
Understand -K2	15% (9)	15% (9)	15% (20)
Apply-K3	30% (18)	30% (18)	30% (40)
Analyze-K4	20% (12)	20% (12)	20% (25)
Evaluate-K5	20% (12)	20% (12)	20% (25)
Create-K6	60	60	130

Title of the paper

LABOUR ECONOMICS

UNIT I: BASIC CONCEPTS OF LABOUR

Nature and Scope of Labour Economics - Importance of Labour Economics - Characteristics of Labour Economics - Demand for Labour, Supply of Labour - Mobility of Labour - Labour Market Policies - Population Growth in India

UNIT II: EMPLOYMENT

Employment and Development Relationship - Concept of Unemployment - Nature of Employment in India - Trade Union and their Function - Recent Employment Policies - Pay Commissions in India - Migration and Brain Drain

UNIT III: WAGE DETERMINATION

Classical, Neo Classical Theories of Wage Determination - Concept of Minimum Wage, Living Wage and Fair Wage - Discrimination in Labour Markets - Wage Discrimination Perks and - Fringe Benefits - Marx Wage Theory Residual Claimant Theory - Subsistence Wage Theory

UNIT IV: INDUSTRIAL RELATIONS

Industrial Relations – Industrial Disputes - Workers Participation in Management - Dispute Settlement and Prevention Mechanism - Role of Tripartism - Current Trends in Collective Bargaining - Labour Legislation in India

UNIT V: SOCIAL SECURITY

Meaning of Social Security, Objectives - Concept of Social Insurance - Labour Welfare in India - National Commissions of Labour - Role of International Labour Organization - Impact of ILO in India - Pension in India

Text Books:

1. Datt,G, Bargaining Power Wages and Employment, Sage publications ,New delhi
2. S.S.M.Desai and N.Bhalerao, Industrial Economy of India, Himalaya publish, 2012.
3. R.C.Saxena, labour problems and social welfare, K.nath and Co,meerut 1986.
- 4.

References:

1. P.R.N.Sinha,indu bala sinha and seema priyadarshinin shekhar, Industrial relations, trade unions ,and labour legislation, dorling kindersly (india), Pvt,Ltd, noida (U.P), india.
2. Ruddar datt, K.P.M.Sundharam, Indian economy S.Chand and company Ltd, New Delhi.2011.

Course Designer:

Dr.V.KANNAN

THIAGARAJAR COLLEGE (AUTONOMOUS): MADURAI – 625 009

DEPARTMENT OF ECONOMICS

(For those who joined M.A. Economics on or after June 2020)

Programme Code: PEC

Course Code	Course Title	Category	L	T	P	Credit
PEC20C21	MICROECONOMIC THEORY-II	Core	5	1	----	4

Year	Semester	Internal mark	External Mark	Total
First	Second	25	75	100

Preamble

Educate the graduates in realms of price theory and analyzing the problems in economics. This course is to determine the students to have the knowledge in micro concepts and theoretical importance in the fields of micro economics.

Prerequisites

Familiarize the basic concepts of market mechanism and welfare economic theories.

Course Outcomes

On the completion of the course the student will be able to

#	Course Outcome	Knowledge Level (according to Bloom's Taxonomy)
CO1	Explain the nature of the firm and how it organizes its activity and the various objectives of a firm	K2
CO2	Define the characteristics of Perfect Competition and Monopoly. Illustration of firm and industry Equilibrium in the short run and long run	K1
CO3	Interpret the meaning and Characteristic of Monopolistic Competition and Oligopoly and different types	K2
CO4	Distinguish between functional and personal distribution and explain the marginal productivity theory and macro theories of distribution	K4, K1
CO5	Judge the allocation of resources for maximum social welfare.	K5

K1 - Knowledge K2 - Understand K3 – Apply K4 – Analyze K5 - Evaluate

Mapping of Course Outcomes with Programme Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	S	M	M	S	S	M	S
CO2	M	-	M	M	-	S	M
CO3	M	M	S	M	M	M	M
CO4	S	S	-	S	S	M	S
CO5	M	M	L	M	M	L	-

Strong –S (+++), Medium –M (++), Low-L (+)

Mapping of COs with PSOs

	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	S	S	S	M
CO2	S	S	S	S	S
CO3	L	S	M	S	S
CO4	S	M	S	S	S
CO5	S	S	S	L	S

S- Strong M- Medium L-Low

Blooms taxonomy

	CA		End of Semester
	First	Second	
Knowledge -K1	15% (9)	15% (9)	15% (20)
Understand -K2	15% (9)	15% (9)	15% (20)
Apply-K3	30% (18)	30% (18)	30% (40)
Analyze-K4	20% (12)	20% (12)	20% (25)
Evaluate-K5	20% (12)	20% (12)	20% (25)
Create-K6	60	60	130

Title of the paper

MICRO ECONOMIC THEORY – II

UNIT I: BEHAVIORAL AND MANAGERIAL THEORIES OF FIRM

Simons's Satisficing Theory - Behavioural Theory of Cyert and March - Williamson's Managerial Discretion Model - Growth Maximisation Model of Marris - Baumol's Sales Maximisation Model

UNIT II: PRODUCT PRICING – I

Market Morphology - Main Features of Perfect Competition - Equilibrium of the Firm and Industry under Perfect Competition (short run and long run) - Emergence of Monopoly - Price – Output Determination under Monopoly (short run and long run) - Bilateral Monopoly - Measure of Monopoly Power (A.P. Lerner) - Control and Regulation of Monopoly

UNIT III: PRODUCT PRICING – II

Main features of Monopolistic Competition - Price – Output Determination under Monopolistic Competition (short run, long run and group equilibrium) - Excess Capacity and Ideal Output - Selling Cost under Monopolistic Competition - Duopoly : Meaning and Characteristics - Meaning and Characteristics of Oligopoly - Non - collusive Oligopoly (Cournot's Model - Bertrand's Model - Chamberlin's Model) -Kinked Demand Curve Theory - Collusive Oligopoly: Types of Cartels and Price Leadership - Game Theory and its Applications.

UNIT IV: DISTRIBUTION

Marginal Productivity Theory of Distribution - Modern Theory of Distribution - Product Exhaustion Theorem - Ricardian Theory of Distribution - Marxian Theory of Distribution - Kaldor's Theory of Distribution - The Sraffa Model of Distribution.

UNIT V: WELFARE ECONOMICS

Meaning of Welfare Economics - Old Welfare Economics and New Welfare Economics - Pareto's Unanimity Rule (Marginal Conditions of Paretian Optimum) - Hicks – Kaldor Compensation Principle – The Scitovsky Criterion – The Little Criterion - Samuelson's Social Welfare Functions - K.J. Arrow's Impossibility Theorem -The Theory of Second Best

Text Books:

1. A. Koutsoyiannis, Modern Micro Economics, **ELBS with Macmillan, London, 1979**
2. 2.M.L. Jhingan, Advanced Economic Theory, **Vrinda Publications (P) Ltd., 2003**

References:

1. Amos, Witztum, Economics – An Analytical Introduction, **Oxford University press – Reprint 2007**
2. Hai. R. Varian, Intermediate Micro Economics – **Modern Approach, W.W. Narton & Company**
3. Dwivedi, Micro Economic Theory and Applications, **Pearson**
4. Baumol W.J, Economic Theory and Operations Analysis, **Prentice Hall of India, 1978**
5. Cohen K.J and Cyert, Theory of the Firm, **Prentice Hall of India, 1976**

Course Designer:

Dr.P.Asokan

THIAGARAJAR COLLEGE (AUTONOMOUS): MADURAI – 625 009

DEPARTMENT OF ECONOMICS

(For those who joined M.A. Economics on or after June 2020)

Programme Code: PEC

Course Code	Course Title	Category	L	T	P	Credit
PEC20C22	MACROECONOMIC THEORY – II	Core-2	5	1	----	4

Year	Semester	Internal mark	External Mark	Total
First	Second	25	75	100

Preamble

Familiarize the realms of macro approach and analysing the problems in economics. It deliberates the students to the macro concepts and theoretical importance in the fields of macro economics. It is also useful to propose to facilitate the students to utilize and apply theories in the real life and in their research work.

Prerequisites

Students are familiar with micro concepts at undergraduate level.

Course Outcomes

On the completion of the course the student will be able to

#	Course Outcome	Knowledge Level (according to Bloom's Taxonomy)
CO1	Recall the basic theories of Investment function	K1
CO2	Estimate the working of multiplier, super multiplier and acceleration principle in macro economics.	K3
CO3	Summarize the phases and theories of Business Cycles	K2
CO4	Analyze the theories of inflation and Macroeconomic policy	K4
CO5	Assess the current controversies in Macroeconomic theory	K5

K1 - Knowledge K2 - Understand K3 – Apply K4 – Analyze K5 - Evaluate

Mapping of Course Outcomes with Programme Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	M	S	M	-	S	M	M
CO2	S	M	M	M	M	M	M
CO3	M	-	S	M	M	M	S
CO4	M	M	M	S	L	M	M
CO5	M	S	-	-	M	L	L

Strong –S (+++), Medium –M (++), Low-L (+)

Mapping of COs with PSOs

	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	S	S	M	S
CO2	S	S	S	S	S
CO3	S	L	S	S	S
CO4	M	S	S	S	S
CO5	S	S	L	S	M

S- Strong M- Medium L-Low

Blooms taxonomy

	CA		End of Semester
	First	Second	
Knowledge -K1	15% (9)	15% (9)	15% (20)
Understand -K2	15% (9)	15% (9)	15% (20)
Apply-K3	30% (18)	30% (18)	30% (40)
Analyze-K4	20% (12)	20% (12)	20% (25)
Evaluate-K5	20% (12)	20% (12)	20% (25)
Create-K6	60	60	130

Title of the paper

MACROECONOMIC THEORY - II

UNIT I: THEORY OF INVESTMENT SPENDING

The Investment Function - Types of Investment - The MEC and Investment Demand Curve
Factors affecting MEC - Paradox of Thrift - The Saving – Investment Equality

UNIT II: THE MULTIPLIER MECHANISM

The Multiplier : Meaning - Types of Multiplier - MPC and Multiplier - Working of the Multiplier -
Leakages in the Working of Multiplier - Meaning of Super Multiplier - Derivation of Super Multiplier -
The Acceleration Principle

UNIT III: MODERN THEORIES OF BUSINESS CYCLE

Business Cycles: Meaning and Features - Classification of Business Cycles - Phases of Business Cycle -
Theories of Business Cycle - Sun-Spot Theory - Over-Production Theory - Psychological Theory - Under-
Consumption or Over-Saving Theory - Innovation Theory Control of Business cycles - Modern Theory of
Business Cycle : Kaldor model of Trade Cycle

UNIT IV: THEORIES OF INFLATION AND MACROECONOMIC POLICY

Modern Theories of Inflation :Demand – Pull and Cost –Push Inflation - The Phillips curve– Introduction
- Stagflation and Phillips Curve - NAIRU and Rational Expectations - James Tobin’s and Solow’s View -
An Unsatisfactory Reconciliation - Meaning and Goals of Macroeconomic Policy - Instruments of
Macroeconomic Policy - Uses of Macroeconomic Policy
Rules Vs Discretion Policy

UNIT V: CURRENT CONTROVERSIES IN MACROECONOMICS

The Monetarist Framework-Monetarism - Keynesian Counter Revolution-Keynesianism - Classical and
Keynesian view: A Contrast - Rational Expectations Hypothesis - Supply-Side Economics

Text Books:

1. M.L. Jhingan, **Macroeconomic Theory**, Vrinda Publications (P) Ltd.,
2. Rana and Verma, **Macroeconomic Analysis**, Visual Publishing Co.
3. Gardner Ackley, **Macroeconomic Theory**, Surjeet Publications, New Delhi
4. Edward Shapiro, **Macroeconomic Analysis**, Harcourt, Brace Jovanovich.
5. Stanley.L. Brue, **Essentials of Economics**, Tata McGraw-Hill Publications

References:

1. Andrew B. Abel, **Macroeconomics**, Taj Press.
2. T.R. Jain & O.P. Kanna, **Macroeconomic Management**, V.K. (India) Enterprises, New Delhi.
3. H.C.Ahuja, **Macro Economics-Theory and Policies**, Sultan Chand Sons, New Delhi

Course Designer:

Dr.K.Jeyanthi

THIAGARAJAR COLLEGE (AUTONOMOUS): MADURAI – 625 009
DEPARTMENT OF ECONOMICS

(For those who joined M.A. Economics on or after June 2020)

Programme Code: PEC

Course Code	Course Title	Category	L	T	P	Credit
PEC20C23	ECONOMICS OF AGRICULTURE	Core	5	1	---	4

Year	Semester	Internal mark	External Mark	Total
First	Second	25	75	100

Preamble

Know the growth models, problems and opportunities in the field of agriculture.

Prerequisites

Students are familiar with the basic ideas of agriculture.

Course Outcomes

On the completion of the course the student will be able to

#	Course Outcome	Knowledge Level (according to Bloom's Taxonomy)
CO1	Interpret the Agricultural Development Models.	K1
CO2	Analyze the problems and measures of Agricultural Productivity.	K3
CO3	Outline the need for second Green Revolution.	K2
CO4	Survey the sources of Agricultural finance	K4
CO5	Recommend the concept of Price Policy	K5

K1 - Knowledge K2 - Understand K3 – Apply K4 – Analyze K5 - Evaluate

Mapping of Course Outcomes with Programme Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	M	S	M	S	M	S	S
CO2	S	M	M	M	S	M	M
CO3	M	S	S	M	M	M	M
CO4	-	S	-	M	M	L	-
CO5	M	M	M	-	L	M	M

Strong –S (+++), Medium –M (++), Low-L (+)

Mapping of COs with PSOs

	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	S	S	S	S
CO2	S	L	M	S	S
CO3	M	S	S	S	S
CO4	S	S	S	L	M
CO5	S	S	S	S	S

S- Strong M- Medium L-Low

Blooms taxonomy

	CA		End of Semester
	First	Second	
Knowledge -K1	15% (9)	15% (9)	15% (20)
Understand -K2	15% (9)	15% (9)	15% (20)
Apply-K3	30% (18)	30% (18)	30% (40)
Analyze-K4	20% (12)	20% (12)	20% (25)
Evaluate-K5	20% (12)	20% (12)	20% (25)
Create-K6	60	60	130

Title of the paper

ECONOMICS OF AGRICULTURE

UNIT I: AGRICULTURE AND ECONOMIC DEVELOPMENT

Scope of Agricultural Economics - Nature of India's Agriculture - Inter dependence of Agriculture sector - Capital formation in Indian Agriculture - Role of Agriculture in Economic Development - Models of Agricultural Development - Physiocrat's model - Schultz's theory of agricultural development - Fei and Ranis model of agricultural surplus

UNIT II: AGRICULTURAL PROBLEMS AND PRODUCTIVITY

Core Problems of Indian agriculture –Agricultural Holding, Optimal Holding and Economic Holding - Land reforms: objectives - Subdivision, Fragmentation and Consolidation of Holdings - Cooperative farming - Evaluation of land reforms in India - Cropping Pattern in India - Farm size and productivity - Trend in agricultural production in the five year plans - Causes for Low Productivity in Agriculture - Measures to improve Agricultural Productivity

UNIT III: GREEN REVOLUTION STRATEGY

Agricultural Revolutions – Green Revolution - Meaning and objectives - Intensive Agricultural District Programmes - High Yielding Varieties Programme – Impact of Green Revolution in India - Scope for Second Green Revolution - Need for Ever Green Revolution - A Critical appraisal of Green Revolution

UNIT IV: AGRICULTURAL FINANCE AND MARKETING

Need for agricultural finance - Sources of Agricultural Finance - Institutional Agricultural Finance - Agricultural marketing in India - Measures to improve agricultural marketing - EPZ and SEZ - Co-Operative Marketing: Advantages and Scope - Regulated markets – functions and merits

UNIT V: AGRICULTURAL PRICE POLICY AND FOOD SECURITY

Agricultural Price Policy: Objectives and Instruments - Agricultural Price Policy in India - Farmers suicides in India – Causes and Remedies - Recent Agricultural policy - Food insecurity – causes and status - Need for food security in India - Impact of WTO on Indian Agriculture

Text Books:

1. Cohen,R.L, The Economics of Agriculture, Wisbet and Co. Ltd., London.
2. R.G.Desai, Agricultural Economics, Himalaya Publishing House, Mumbai

References:

1. S.Subba Reddy, P.Raghu Ram, T.V. neelakanta Sastry and I.Bhavani Devi Agricultural Economics, Oxford & IBH Publishing Co.Pvt. Ltd., New Delhi.
2. A.M.Khusro, Reading in Agricultural Development, Allied Publishers, Calcutta.
3. Forster and Leager, Elements of Agricultural Economics, ELBS.

Course Designer:

Dr. S.Murugan

THIAGARAJAR COLLEGE (AUTONOMOUS): MADURAI – 625 009

DEPARTMENT OF ECONOMICS

(For those who joined M.A., Economics on or after June 2020)

Programme Code: PEC

Course Code	Course Title	Category	L	T	P	Credit
PEC20C24	STATISTICAL METHODS	Core	5	1	--	4

Year	Semester	Internal mark	External Mark	Total
First	Second	25	75	100

Preamble

Introduce to the essential concepts, tools and methods of statistics for students in business, economics and similar disciplines in describing, analyzing and interpreting statistical data. A course dealing with concepts including Correlation and Regression analysis, time series, probability distributions, hypothesis testing and Analysis of Variance.

Prerequisite

Students are familiar with fundamental ideas of probability.

Course Outcomes

On the completion of the course the student will be able to

#	Course Outcome	Knowledge Level (according to Bloom's Taxonomy)
CO1	Find the results of Bivariate Regression and Correlation Analysis for forecasting.	K1
CO2	Explain the time series analysis	K2
CO3	Apply the discrete and continuous probability distributions	K3
CO4	Calculate 'Z' test , 't' test and Chi-Square test and Goodness of Fit.	K4
CO5	Estimate F-test and ANOVA	K5

K1 - Knowledge K2 - Understand K3 – Apply K4 – Analyze K5 - Evaluate

Mapping of Course Outcomes with Programme Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	S	M	M	S	M	M	M
CO2	M	M	S	M	S	M	S
CO3	M	S	-	M	M	M	M
CO4	-	M	M	-	M	S	-
CO5	M	L	M	M	M	L	M

Strong –S (+++), Medium –M (++), Low-L (+)

Mapping of COs with PSOs

	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	S	S	S	S
CO2	S	M	M	S	M
CO3	S	S	S	S	S
CO4	S	S	S	M	S
CO5	S	S	M	S	S

S- Strong M- Medium L-Low

Blooms taxonomy

	CA		End of Semester
	First	Second	
Knowledge -K1	15% (9)	15% (9)	15% (20)
Understand -K2	15% (9)	15% (9)	15% (20)
Apply-K3	30% (18)	30% (18)	30% (40)
Analyze-K4	20% (12)	20% (12)	20% (25)
Evaluate-K5	20% (12)	20% (12)	20% (25)
Create-K6	60	60	130

Title of the paper

STATISTICAL METHODS

UNIT I: CORRELATION AND REGRESSION

Meaning and types of Correlation - Karl Pearson's correlation Coefficient, Spearman's Rank Correlation - Regression – Meaning and Uses, Regression Lines, Regression Equations – Fitting of Simple Linear Regression Equations

UNIT II: ANALYSIS OF TIME SERIES

Components of Time Series analysis, Trend Average Projection Methods: Graphic Method, Semi-Averages Method, Moving Averages Method, Method of Least Squares

UNIT III: THEORETICAL DISTRIBUTIONS

Binomial distribution – Meaning, Properties of Binomial distribution, Usefulness of Binomial distribution - Poisson distribution – Meaning, Properties of Poisson distribution, Usefulness of Poisson distribution - Normal distribution – Meaning, Properties of Normal distribution, Usefulness of Normal distribution (Theory only)

UNIT IV: TESTS BASED ON SAMPLING DISTRIBUTIONS- I

Sampling distribution -Sampling and Non-sampling errors, Hypothesis: Null and Alternative hypotheses, Type I and Type II errors, Level of significance, Procedure for Testing Hypotheses : Large Sample Test – (Z-test), Test of Significance - Difference between Sample Mean and Population Mean, Test of Significance - Difference between Two Sample Means - Small Sample Test – (t): Properties of t-distribution, Test of Significance for Mean, Test of Significance for difference between means (independent samples), Paired t-test (dependent samples), Chi square test and its Uses.

UNIT V: TESTS BASED ON SAMPLING DISTRIBUTIONS- II

F -Distribution and its Applications - The variance ratio test (F-test) - Meaning of ANOVA Uses of ANOVA, Assumptions, One-way Classification: Test procedure for carrying One-way Classification, Two-way Classification: Test procedure for carrying Two-way Classification

Text Books:

1. S.P.Gupta, **Statistical Methods**, Sultan Chand & Sons, New Delhi, Ninth Revised Edition, 2010
2. D.R.Agarwal, **Quantitative Methods**, Vrinda Publications, New Delhi, 1999.
3. M.Manoharan, **Statistical Methods**, Paramount Publications, Palani, 2012

References:

1. Judith Green, **Principle of Social Research**, Tata McGraw Hill Publishing, New Delhi
2. David P Doane and, **Applied Statistics in Business and Economics**, Tata McGraw Hill Publishing, New Delhi

Course Designer:

Dr. R. Bagavathi Muthu

THIAGARAJAR COLLEGE (AUTONOMOUS): MADURAI – 625 009

DEPARTMENT OF ECONOMICS

(For those who joined M.A. Economics on or after June 2020)

Programme Code: PEC

Course Code	Course Title	Category	L	T	P	Credit
PEC20CE21(A)	HUMAN RESOURCE DEVELOPMENT	Core	5	1	--	5

Year	Semester	Internal mark	External Mark	Total
First	Second	25	75	100

Preamble

Provide a basic knowledge on human development indicators and also assess the programmes related to human resource development.

Prerequisite

Basic knowledge in concepts of human resource development is needed.

Course Outcomes

On the completion of the course the student will be able to

#	Course Outcome	Knowledge Level (according to Bloom's Taxonomy)
CO1	Outline the Evaluation, scope and importance and various models for human capital	K2
CO2	Explain the human capital formation	K2
CO3	Inspect the human resource planning and development in human perspective	K3
CO4	Simplify the gender and HRD	K4
CO5	Carry over the HRD with population and development	K5

K1 - Knowledge K2 - Understand K3 – Apply K4 – Analyze K5 - Evaluate

Mapping of Course Outcomes with Programme Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	S	M	S	M	M	S	S
CO2	M	S	M	S	S	S	M
CO3	M	M	M	S	M	M	M
CO4	-	M	M	M	M	M	M
CO5	M	L	L	-	M	S	-

Strong –S (+++), Medium –M (++), Low-L (+)

Mapping of COs with PSOs

	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	S	S	L	S
CO2	S	S	M	S	S
CO3	M	S	S	S	S
CO4	S	S	S	S	M
CO5	S	L	S	S	S

S- Strong M- Medium L-Low

Blooms taxonomy

	CA		End of Semester
	First	Second	
Knowledge -K1	15% (9)	15% (9)	15% (20)
Understand -K2	15% (9)	15% (9)	15% (20)
Apply-K3	30% (18)	30% (18)	30% (40)
Analyze-K4	20% (12)	20% (12)	20% (25)
Evaluate-K5	20% (12)	20% (12)	20% (25)
Create-K6	60	60	130

Title of the paper

HUMAN RESOURCE DEVELOPMENT (HRD)

UNIT-I: HUMAN RESOURCE CONCEPT

Evolution of the Concept of Human Capital – Meaning – Nature – Significance –Schultz’s Approach – Becker’s Theory – Solow’s Measurement of Human Capital.

UNIT-II: HUMAN CAPITAL FORMATION

Methods of Human Capital Formation : Education and Economic Growth – Formal Education – Adult Education – Health and Nutrition – Brain Drain – Information about Job Market – Elimination of Social Discrimination – Development Indicators – Human Development Index.

UNIT-III: HUMAN RESOURCE PLANNING

Human Resource Planning – Meaning – Objectives – Need – Process – Benefits – Problems – Career Planning and Development.- Diversity of Work Force Employee and employer support and development.

UNIT-IV: GENDER AND HRD

Gender Dimensions of Development of HRD – Gender relations – Gender and Inequality – Gender Disparities in Education, Occupation and Earnings – Women’s Empowerment and Economic Development – Gender Development Index in India.

UNIT-V: POPULATION AND DEVELOPMENT

Population and Development – Work Participation Rate – Male and Female Work Participation Rate – Decadal Variations – Development of Women Entrepreneurship in India – Problems – Prospects – Strategies of HRD- quality of work life balance.

Text Books:

1. Anita Bandrjee & Rajkumar Sen, (2000), Women and Economic Development, Deep &Deep Publications Pvt. Limited, F-159, Rajauri Garden, New Delhi – 110 027.
2. Arun Monappa, (1997), Managing Human Resources, Macmillan India Limited, NewDelhi
3. Batra V.P. (1998), The Economy and Human Resources, B.R. Publishing Corporation,Ansari Road, Darya Ganj, New Delhi.
4. Lakshmanasamy T. and T.M. Srinivasan, (1997), Economics of Human Behaviour,Allied Publishers, New Delhi – Chennai.
5. Lallan Prasad & A.M. Bannerjee (1985), Management of Human Resources, Sterling Publishers Private Limited, New Delhi.
6. C.S. Kanagasabai Economics of Human Resource Development Rasee Publishers (2003)
7. Uday Kumar Haldar (2009), Human Resource Development, Oxford University Press, New Delhi.
8. SrinivasKandula (2001), Strategic Human Resource Development, PHI Learning, New Delhi.

Reference Books

1. Mitchael V.P. (1995), Human Resources Management and Human Relations, Himalaya Publishing House, New Delhi
2. Handbook for Developing Competency Based Training Programmes, Prentice-Hall, New Jersey.

Course Designer:

Dr.S.Kasi

THIAGARAJAR COLLEGE (AUTONOMOUS): MADURAI – 625 009
DEPARTMENT OF ECONOMICS

(For those who joined M.A. Economics on or after June 2020)

Programme Code: PEC

Course Code	Course Title	Category	L	T	P	Credit
PEC20CE21(B)	HEALTH ECONOMICS	Core	5	1	--	5

Year	Semester	Internal mark	External Mark	Total
First	Second	25	75	100

Preamble

The objective is to provide knowledge on Health Economics in India.

Prerequisite

Knowledge on the morbidity and health care services of the Government and welfare of the society

Course Outcomes

On the completion of the course the student will be able to

#	Course Outcome	Knowledge Level (according to Bloom's Taxonomy)
CO1	Basic concept of Health Economics & input & output indicators	K1
CO2	Outline the concepts of health and income	K2
CO3	Utilize the health education and capital formation of health	K3
CO4	Examine the Demand & supply of health care services	K4
CO5	Interpret the disease burden and health of nation	K5

K1 - Knowledge K2 - Understand K3 – Apply K4 – Analyze K5 - Evaluate

Mapping of Course Outcomes with Programme Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	S	S	S	S	S	M	M
CO2	M	M	M	S	S	S	M
CO3	S	M	M	M	M	M	S
CO4	M	L	L	-	S	M	-
CO5	M	M	M	M	M	-	M

Strong –S (+++), Medium –M (++), Low-L (+)

Mapping of COs with PSOs

	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	S	S	S	S
CO2	S	L	M	S	S
CO3	S	S	S	L	S
CO4	S	S	S	S	M
CO5	M	S	S	S	S

S- Strong M- Medium L-Low

Blooms taxonomy

	CA		End of Semester
	First	Second	
Knowledge -K1	15% (9)	15% (9)	15% (20)
Understand -K2	15% (9)	15% (9)	15% (20)
Apply-K3	30% (18)	30% (18)	30% (40)
Analyze-K4	20% (12)	20% (12)	20% (25)
Evaluate-K5	20% (12)	20% (12)	20% (25)
Create-K6	60	60	130

Title of the Paper

HEALTH ECONOMICS

UNIT I: HEALTH CONCEPTS

Definition and Dimensions of Health (WHO definition)-Meaning and Importance of Health Economics- Determinants of Health- Input and Output Indicators of Health.

UNIT II: HEALTH AND INCOME

Health and Development Income and Health Linkages- Concept of Wellbeing – PQLI and HDI- Poverty and Health – Occupational Health Hazards- Fertility, Morbidity, Mortality and Life Expectancy- Nutrition and Health – Mal-nutrition – Under nutrition.

UNIT III: ECONOMICS OF PUBLIC HEALTH- EDUCATION

Health as Investment Economics of Public Health- Education and Health – Concept of Health Education- Capital Formation in Health Care- Cost-benefit analysis of health care system

UNIT IV: HEALTH SERVICES & DEMAND & SUPPLY OF HEALTH SERVICES

Micro-Economics of Health Services Demand for health services - Preference for health care and health cure - Income and Price effects- Physician as a price-discriminating monopolist Health Production Function with Illustration.

UNIT V: HEALTH OF NATIONS

Health in Developing Countries Significance of Health in LDCs- Measuring the Burden of Disease - The Concepts DALY and QALYs- Challenges for the Future.

Reference Books

1. Alistair McGuire, John Henderson and Gavin Mooney (1988), The Economics of Health Care: An Introductory Text. [Routledge and Kegan Paul London and New York. PP. 9-30.
2. Asha A. Bhende and Tara Kanitkar (2001), Principles of Population Studies [Himalaya Publishing House, New Delhi.
3. WHO (1986), South-East Asian Region. SEA/ACMR12/Agenda Item
4. William Jack (1999), Principles of Health Economics for Developing Countries, WBI Development studies The World Bank, Washington. D.C.
5. Government of India (1983), National Health Policy, New Delhi.
6. Indian Council of Social Science. Research and Indian Council of Medical Research (1981), Health for All 2002 A.D. [ICSSR, Delhi].
7. Jean Dreze and AmartyaSen (1998), Indian Economic Development and Social Opportunity [Oxford University Press].

Text Books

1. Michall H. Cooper and Antony J. Culyer (1973), Health Economics Balsimore. Penguin Books Inc]. State Integrated Board of Studies – Economics PG
2. Park, K. (2000), Park's Text Book of Preventive and Social Medicine. 16th edition. M/s BanarsidasBhanot Publishers, Jalalpur.

Course Designer

Dr.S.Kasi

M.Phil. Economics

Programme Code - MEC

THIAGARAJAR COLLEGE, MADURAI- 9
(Re-Accredited with 'A' Grade by NAAC)
PG & RESEARCH DEPARTMENT OF ECONOMICS
M.PHIL ECONOMICS Course Structure
Programme code: MEC

Programme Educational Objectives (PEO)

The objectives of this programme is to equip/prepare the students

PEO 1	Encompass a deep mastery of the subject area
PEO 2	Organize to pursue a doctorate in economics
PEO 3	Competent to describe and critique economic research to both technical and non-technical audiences.
PEO 4	Identify with current events and evaluate specific policy proposals and to reach different conclusions to a specific economic problem.
PEO 5	Organized for employment in academic and/or non-academic institutions.

Programme specific outcomes- M.A Economics

On the successful completion of M.A., Economics the students will

PSO 1	Forecast the future course of changes and development through their knowledge of policies and programmes.
PSO 2	Compute and assess the real situation of the economy including the size and changes of population, income pattern, employment and policies in relation to our countries.
PSO 3	Familiar with the knowledge and application of microeconomics and macroeconomics for the formulation of policies and planning.
PSO 4	Develop skills in analyzing different statistical measures, interpreting test results and interpretation of data through graph and statistic technique
PSO 5	Solve the economic and social problems through modern economic models.

THIAGARAJAR COLLEGE, MADURAI- 9
(Re-Accredited with 'A' Grade by NAAC)
PG & RESEARCH DEPARTMENT OF ECONOMICS
M.PHIL ECONOMICS Course Structure
(w.e.f. 2020 Batch onwards)
Programme code: MEC

Semester -I

	Course	Course code	Course Title	Ins. Hrs/ Week	Exam Hrs	Marks		Total
						Int	Ext	
I	Core Course - I	MEC20C11	Advanced Economic Theory	6	3	100	100	200
	Core Course - II	MEC20C12	Research Methodology and Statistical Techniques	6	3	100	100	200
	Core Course -III	MEC20C13	Contemporary Issues in Indian Economy	6	3	100	100	200
			Total	18	9	300	300	600

Semester -II

II	Core Course -IV	MEC20P J21	Dissertation and Viva-Voce			100	100	200
	TOTAL					100	100	200

THIAGARAJAR COLLEGE (AUTONOMOUS): MADURAI – 625 009
DEPARTMENT OF ECONOMICS
 (For those joined M.Phil Economics on or after June 2020)
Programme code: MEC

Course Code	Course Title	Category	L	T	P	Credit
MEC20C11	ADVANCED ECONOMIC THEORY	Core	5	1	----	6

Year	Semester	Internal mark	External Mark	Total
First	First	100	100	100

Preamble

Maintain with the current trends in economics and to promote research aptitude and analytical skills to comprehend the real world dynamics.

Prerequisite

Provide knowledge of concepts in micro, macro economic theories and models.

Course Outcomes

On the completion of the course the student will be able to

#	Course Outcome	Knowledge Level (according to Bloom's Taxonomy)
CO1	Explain and Recall the thoughts in the field of Modern Economic Theories.	K1, K2
CO2	Develop the modern economic theories and its applications in the field of decision making.	K3
CO3	Examine the economic concepts and principles and to apply them in the context of a development agenda	K4
CO4	Criticize the economic policies of the government and recommend alternate strategies for development.	K5
CO5	Design the monetary concepts and to get acquainted with the new theories.	K6

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

Mapping of Course Outcomes with Programme Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	S	S	M	S	M	M	S
CO2	M	S	S	M	S	S	M
CO3	M	M	S	M	S	M	M
CO4	S	M	S	S	M	S	M
CO5	S	-	M	-	L	-	-

Strong –S (+++), Medium –M (++), Low-L (+)

Mapping of COs with POs

	PO1	PO2	PO3	PO4	PO5
CO1	S	S	S	S	S
CO2	S	M	S	S	S
CO3	S	S	S	M	S
CO4	S	S	S	S	M
CO5	M	S	S	S	S

S- Strong M- Medium L-Low

Blooms taxonomy

	CA		End of Semester
	First	Second	
<i>Knowledge</i>	20	20	40
<i>Understand</i>	20	20	40
<i>Apply</i>	20	20	40
<i>Analyze</i>	20	20	40
<i>Evaluate</i>	20	20	20
<i>Create</i>	20	20	20
Total Marks	120	120	200

Title of the paper

ADVANCED ECONOMIC THEORY

UNIT I THEORIES OF MODERN PRICING

(18 hrs)

Hall and Hitch theory of Average Cost Pricing - Endrew's Exposition – Appraisal of Average Cost Pricing - Theory of Limit Pricing Theory- Assumptions - Bains Model – Sources of Entry Barriers and determination of Limit Price- Product differentiation – Economic of scale- Sylos – Labini model of Limit Pricing – Assumptions – Price determination - The Modigliani's Model of Limit Pricing - Euler's Theorem

UNIT II THEORIES OF WELFARE ECONOMICS

(18 hrs)

Pigovian Welfare Conditions: Analysis of Externalities – Benefits – Pigou's Ideal Output - The Paretian Optimum – The Compensation criteria – The social welfare function - Arrow's impossibility theorem – Political of Welfare Economics.- Economics of Risk and Uncertainty – Individual Consumer's Behaviour towards - Risk – Risk Preference – Risk Averse and Risk Neutral

UNIT III THEORIES OF INFLATION

(18 hrs)

The Classical theory of Inflation – The Neo Classical Theory of Inflation – The Keynesian theory of Inflation – The Monetarist view on Inflation - Modern theories of Inflation – Demand Pull Inflation - Cost Push Inflation – Structural theory of Inflation- The Phillips Curve – Stagnation and Philips Curve – NAIRU and Rational - Expectations – James Tobin's View – Solow's View – An Unsatisfactory - Reconciliation – Eckstein – Brinners view on Phillips curve

UNIT IV MACRO THEORIES OF DISTRIBUTION

(18 hrs)

Classical Theory of Income Distribution – Marxian Theory of Income Distribution – Ways of Increasing Surplus Value.- Kaleck's Model of Distribution – Gross Capital Earnings – Kaldors Model of Income Distribution - Pasinetti Model of Income Distribution – Assumptions – Explanation of the theory

UNIT V MACRO ECONOMIC POLICY AND SUPPLY SIDE ECONOMICS (18 hrs)

Macro Economic Policy – Objectives and Instruments – Monetary Policy – Fiscal Policy – Income Policy - Rational Expectation Hypothesis – Adaptive Expectations – Ineffective Policies – Criticism of Rational Expectations - Monetarism Vs Keynesianism – Supply Side Economics – Key elements and Implications of Supply Side Economics – Laffer Curve

Text Books:

1. Alfred W. Stoneir and Douglas.C. Hague, 'A Text book of Economic Theory', Low priced edition – Pearson Education India, New Delhi, II Indian Reprint 2005.
2. A. Koutsoyiannis 'Modern Micro Economics', Second edition, ELBS with Macmillan, London, 1979.
3. Gardner Ackley, Macroeconomic Theory, Surjeet Publications, New Delhi, (The MacMillan Co., New York) First Indian Reprint, 2007.
4. Richard Starts, Edward Shapiro, Macroeconomic Analysis, Harcourt, Brace Jovanovich, Inc., 1978.

References:

1. Bixtantra Rudiger Dornbusch , Macro Economics, Tata McGraw-Hill Publishing Co., Stanley Fischer Ltd., New Delhi, 5th Reprint, 8th Edition, 2003.
2. Samuelson and Nordhaus 'Economics', 19th Edition (1st Reprint) 2010. Tata McGraw Hill edition, New Delhi.
3. Stanley.L. Brue, Essentials of Economics, Tata McGraw-Hill Publications.

Web Resources:

1. www.rbi.org
2. www.finmin.nic.in

Course Designer:

Dr.P.Asokan

THIAGARAJAR COLLEGE (AUTONOMOUS): MADURAI – 625 009
DEPARTMENT OF ECONOMICS
 (For those joined M.Phil Economics on or after June 2020)
 Programme code: MEC

Course Code	Course Title	Category	L	T	P	Credit
MEC20C12	RESEARCH METHODOLOGY AND STATISTICAL TECHNIQUES	Core	5	1	----	6

Year	Semester	Internal mark	External Mark	Total
First	First	100	100	100

Preamble

Keep pace with the current trends in Economics and to promote research aptitude and analytical skills to understand real world dynamics.

Prerequisites

Basic knowledge with the concepts of research, data collection, sampling and report writing.

Course Outcomes

On the completion of the course the student will be able to

	Course Outcome	Knowledge Level (according to Bloom's Taxonomy)
CO1	Outline and label the basic principles of research.	K1,K2
CO2	Utilize the statistical investigation	K3
CO3	Simplify statistical and econometric tools for analysis of data and to draw inferences.	K4
CO4	Perceive statistical packages for analysis of data and make inferences	K5
CO5	Construct to prepare a report in the prescribed format	K6

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

Mapping of Course Outcomes with Programme Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	S	S	S	S	-	S	S
CO2	S	M	S	S	M	M	M
CO3	M	M	M	S	S	M	S
CO4	S	M	S	M	S	S	M
CO5	M	-	M	L	M	M	-

Strong –S (+++), Medium –M (++), Low-L (+)

Mapping of COs with POs

	PO1	PO2	PO3	PO4	PO5
CO1	S	S	S	M	S
CO2	S	S	S	S	M
CO3	S	M	S	S	S
CO4	S	S	M	S	S
CO5	M	S	S	S	S

S- Strong M- Medium L-Low

Blooms taxonomy

	CA		End of Semester
	First	Second	
<i>Knowledge</i>	20	20	40
<i>Understand</i>	20	20	40
<i>Apply</i>	20	20	40
<i>Analyze</i>	20	20	40
<i>Evaluate</i>	20	20	20
<i>Create</i>	20	20	20
Total Marks	120	120	200

Title of the paper

RESEARCH METHODOLOGY AND STATISTICAL TECHNIQUES

UNIT – I INTRODUCTION, REVIEW OF LITERATURE AND HYPOTHESES (18 hrs)

Social Research – Need and Characteristics – Classification of Research – Research Methods and Methodology- Ethics of Research and Researcher - Review of Literature – Importance – Role and Purpose - Research Hypothesis – Sources and Types of Hypothesis – Characteristics – Procedure for Hypothesis Testing – Steps involved in hypothesis Testing

UNIT –II RESEARCH PROCESS, RESEARCH AND SAMPLING DESIGN (18 hrs)

Research Process – Selection and Formulation of a Research Problem - Research Design – Features and Components – Types and Uses of Research Design - Steps involved in selecting a Research Design – Concepts related to Research Design - Sampling Design – Factors affecting the size of a sample – steps involved in the sampling - Process – Methods of Sampling

UNIT III COLLECTION AND PROCESS OF DATA (18 hrs)

Methods of investigation and Documentation Primary Data: Sources and Methods Observation - Interview – Questionnaire – Schedule Secondary Data – Types and Sources – Advantages and Disadvantages – Evaluation of Secondary Data Quantifying Data – Editing, Coding, Classification and Tabulation – Diagrammatic Presentations in Research – Types of Diagram – General rules for Constructing Diagrams

UNIT IV ANALYSIS OF DATA AND THESIS WRITING (18 hrs)

Analysing Qualitative Data - Scaling Techniques- Rating Scales – Rank Order Scales – Attitude Scale – Likert Scale – Cumulative Scale Karl-Pearson's Correlation - Spearman's Rank Correlation – Multiple Regression Analysis- Method of least squares. - Research Report – Types of Report – Steps in Drafting Reports – Layout of the Dissertation and Thesis – Mechanics of Writing a Dissertation and Thesis

UNIT V INFERENCE STATISTICS AND COMPUTER APPLICATIONS (18 hrs)

Univariate Inferences – Point and Interval Estimation – Large Sample 'Z' Test (Simple Problems) - Small Sample Tests - 't' test F Test and Chi-Square Test - Analysis of Variance - (ANOVA) – One –way and Two –way classification Model (Simple Test) - SPSS output files – Printing – Existing SPSS – Relative Advantages and Disadvantages - Computer Applications in Economics - M.S Excel – Using Excel for small and large Sample Tests – Statistical Package – SPSS

Text Books:

1. Kothari C.R., Research Methodology and Techniques, New Delhi: New Age International Publishers, 2010.
2. Mukherjee Neela., Participatory Rural Appraisal and Methodology and Applications (Studies in Rural Participation-1)., New Delhi: Concept Publishing Company, 1997.
3. Kate L. Turabian., A Manual for Writers of Term Papers, Theses and Dissertations, Chicago: The University of Chicago Press, 2006.
4. Gupta, Santosh., Research Methodology and Statistical Techniques., New Delhi: Deep and Deep Publications, 2003.

References:

1. Sankar.U., and Lakshmanasamy.T. Methodology of Applied Economic Research, New Delhi: Sterling Publishers, 1993.
2. Thakur, Devendra., Research Methodology in Social Science, New Delhi: Deep and Deep Publications, 2003.
3. Wilkinson, Bhandarkar, Methodology and Techniques of Social Research, Bombay: Himalaya Publishing House, 2003.
4. Young, Pauline V. Scientific Social Surveys and Research, Prentice Hall of India Private Limited, New Delhi, 1994.

Web Resources:

1. www.rbi.org
2. www.finmin.nic.in
3. www.mospi.gov.in

Course Designer:

Dr.R.Bagavathi Muthu

THIAGARAJAR COLLEGE (AUTONOMOUS): MADURAI – 625 009
DEPARTMENT OF ECONOMICS
 (For those joined M.Phil Economics on or after June 2020)

Programme code: MEC

Course Code	Course Title	Category	L	T	P	Credit
MEC20C13	CONTEMPORARY ISSUES IN INDIAN ECONOMY	Core	5	1	----	6

Year	Semester	Internal mark	External Mark	Total
First	Second	40	60	100

Preamble

Deliberate the current trends in Economics and to promote research aptitude and analytical skills to understand real world dynamics.

Prerequisites

Basic economic concepts and models are desirable.

Course outcome

On the completion of the course the student will be able to

#	Course Outcome	Knowledge Level (according to Bloom's Taxonomy)
CO1	Classify the process in India after independence	K2
CO2	Make use of the status of human resources in India and infer the issues related to human resources.	K2,K3
CO3	Analyse the emerging social and economic issues in India	K4
CO4	Assess the social and economic policies of India	K5
CO5	Elaborate the international trade relations of India through the International institutions and agreements.	K6

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

Mapping of Course Outcomes with Programme Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	S	S	S	M	M	S	M
CO2	M	M	M	-	S	M	L
CO3	S	M	M	M	-	M	M
CO4	S	L	M	S	M	S	S
CO5	M	M	-	S	M	-	S

Strong –S (+++), Medium –M (++), Low-L (+)

Mapping of COs with POs

	PO1	PO2	PO3	PO4	PO5
CO1	S	S	S	S	S
CO2	S	S	S	S	M
CO3	S	M	S	S	S
CO4	S	S	S	M	S
CO5	S	S	S	S	S

S- Strong M- Medium L-Low

Blooms taxonomy

	CA		End of Semester
	First	Second	
<i>Knowledge</i>	20	20	40
<i>Understand</i>	20	20	40
<i>Apply</i>	20	20	40
<i>Analyze</i>	20	20	40
<i>Evaluate</i>	20	20	20
<i>Create</i>	20	20	20
Total Marks	120	120	200

Title of the paper

CONTEMPORARY ISSUES IN INDIAN ECONOMY

UNIT I AGRICULTURE, INDUSTRY AND SERVICE SECTOR

(18 hrs)

Role of Agriculture – Productivity in Indian Agriculture – Food Insecurity – Food Policy of India
Industrial Growth through Indian Five Year Plans – MRTP Act 1969 – Competition Policy – Problems and Prospects of Small Scale Industries – Role of MNC's in India - Service Sector – Growth and Effect – Recent developments in Banking sector and IT

UNIT – II POPULATION DYNAMICS

(18 hrs)

Human Resources – Trends in Growth of Population – Causes of Growth of Population - Effects on Economic Development - Population Census 2011 – Age Group – Sex Ratio – Migration: Causes and Effects - Strategies of Population Growth – Malthusian Strategies – Optimum strategies- Demographic Terms: Natality, Fecundity, Fertility – Mortality Survivorship

UNIT –III SOCIAL INFRASTRUCTURE

(18 hrs)

Literacy and Education – Gross Enrolment Ratio, Incidence of dropout: Causes and Control– Problems and Prospects of Indian Educational Sector - Millennium Development Goals (MDGs) – Goals in Health Sector – Assessment of Human Development Parameters – Major issues in Health Infrastructure in India - Assessment of Health Care Service Providers - Nutrition – Causes and consequences of Mal nutrition – Access to safe drinking water – Initiatives of Government of India.

UNIT IV MAGNITUDE OF POVERTY, UNEMPLOYMENT AND INFLATION (18 hrs)

Poverty – Vicious Circle of Poverty – Estimation of Poverty – Nature and Causes of Poverty – Need for Removal of Poverty – Economic Reforms and the Poor Unemployment – Travails of Unemployment – Extent and Magnitude of Unemployment Incidence of child labour – Social Security in unorganized sector Inflation – Nature, – Causes, – Consequences and Measures to control Inflation – Food Inflation – Inflation Targeting

UNIT V INTERNATIONAL FINANCIAL INSTITUTIONS

(18 hrs)

NABARD – Functions and performance – Non Banking Financial Intermediaries – Role of Non Banking Financial Institutions - Stock Exchange – Importance and elements of stock exchange – Functions and services of stock exchange – Types and Classification of Mutual Funds – Role – Advantages and Disadvantages – Sources of Mutual Funds - Bretton Wood Twins – IMF and IBRD – Roles and Functions – WTO – Organizational Structure – Impact of WTO on Indian Economy

Text Books:

1. [Uppal](#) J. S., “India's Economic Problems: An Analytical Approach”, Edition 2, St. Martin's Press Publisher, 1979
2. Ruddar Datt, Sundaram K.P.M., “Indian Economy”, S.Chand & Company, New Delhi, 2016.
3. S.K. Misra and V. K. Puri, “Indian Economy”, Himalaya Publishing House, Mumbai, 2016.
4. Agrawal.A.N. (2004) : Indian Economy, Wishwa Prakashan, New Delhi

References:

1. Uma Kapila, Indian Economy-Performance and policies, Academic Foundation, New Delhi.
2. Barthwal, Industrial Economics, New International Age Ltd, 2016.
3. G. Jagatpati, Charan D. Wadhwa, *SOME PROBLEMS OF INDIA'S ECONOMIC POLICY (SECOND EDITION)* Edited Tata McGraw Hill, Delhi, 1977.
4. Dutt and Mahajan (Revised Edition 2011), Indian Economy, Sultan Chand Publishing House, New Delhi-55, Revised 63rd Edition, 2011.

Web Resources:

1. www.indian.foline.com/econ/andcontenets/html.
2. www.bdu.ac.in/cp-pg-ecoc
3. www.education.nic.in/html/webcbse
4. www.mhhe.com
5. www.jmstechindia.com/economics-books/.

Course Designer:

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