

# **A.V.V.M. Sri Pushpam College (Autonomous), Poondi – 613 503**

**PG & Research Department of Economics**

**B.A. Programme in Economics.**

**OUTCOME BASED EDUCATION - CHOICE BASED CREDIT SYSTEM**

**SCHEME OF PROGRAMME AND SYLLABUS**

**(For the candidates admitted from 2023-2024 onwards)**

## **Vision and Mission of the college**

### **Vision**

To provide quality academic programmes and value oriented higher education to the rural community, equip them to encounter current regional, national and global demands upholding moral standards and intellectual competency.

### **Mission**

- To provide conducive environment for quality teaching-learning process and innovative research.
- To bestow substantial educational experience that is intellectually, socially, and personally transformative.
- To strive to bring out the latent potentiality and core competency of the learners
- To foster the culture of research-based learning, independent academic inquiry by encouraging the students to involve in research activities ranging from hands on training, student projects, publications etc.,
- To nurture essential skills, competent minds and compassionate hearts.
- To impart a practical, demanding and overall development of the personality generated by love, consideration and care for the society.
- To serve the society by extending needful outreach programmes to the rural populace.

## **PROGRAMME EDUCATIONAL OBJECTIVES (PEO)**

- Make the learners realise the transformative power of education.
- Acquire profound disciplinary, applied, integrative knowledge and intellectual competency and domain specific and generic skills.
- Pursue lifelong learning and generate innovative solutions for the problems at individual and social level.
- Create a collaborative and inclusive environment, and serve the betterment of the society with moral integrity.
- Motivate to become a committed professional with necessary ethics as a leader as well as a team player.

## **PROGRAMME OUTCOMES for B.A. Programme**

**PO1: Knowledge of Economics:** Ability to understand Economic Theories and functioning of Economic Models. To develop an adequate competency in the Economic Theory and Methods.

**PO2: Analytical Reasoning and Critical Thinking:** Critically Analyze and assess the way in which economists examine the real world to understand the current events and evaluate specific proposals.

**PO3: Logical Reasoning and Quantitative Ability:** Ability to understand how to collect and analyse data and use empirical evidence to evaluate the validity of hypothesis, using Quantitative Methodology and conduct data analysis to interpret results.

**PO4: Communication and Research Skills:** Communication and Research related skills. Developing a sense of capability for relevant/appropriate inquiry and asking questions, synthesizing and articulating and reporting results and to efficiently communicate thoughts and ideas in a clear and concise manner.

**PO5: Gender, Environment and Sustainability:** Comprehend the Environmental issues and Sustainable Development and strive to achieving economic and social equity for women and be Gender Sensitive.

**PO6: Employability and Leadership Skills:** Become empowered individuals to be employed in various positions in industry, academia and research and have the potential to become Entrepreneurs and take leadership roles in their chosen occupations and communities.

**PO7: Social Interaction:** Acquire the ability to engage in relevant conversations and have the ability to understand the views of society that would help initiate policy making.

**PO8: Digital Literacy and Lifelong Learning:** Capability to use ICT tools in a variety of learning situation and use appropriate software for analysis of data - Ability to acquire Knowledge situations and skills for life through self directed learning and adapt to different learning environments.

### **PROGRAMME SPECIFIC OUTCOMES for B. A. Economics Programme**

**PSO1:** To enable students to apply basic microeconomic, macroeconomic and monetary concepts and theories in real life and decision making.

**PSO 2:** To sensitize students to various economic issues related to Development, Growth, International Economics, Sustainable Development and Environment.

**PSO 3:** To familiarize students to the concepts and theories related to Finance, Investments and Modern Marketing.

**PSO 4:** Evaluate various social and economic problems in the society and develop answer to the problems as global citizens.

**PSO 5:** Enhance skills of analytical and critical thinking to analyze effectiveness of economic policies.

## Curriculum structure for UG Programme (OBE-CBCS) – 2023

	Nature of Course	Total No. of Courses	Total marks	Total credits	Total credits for the Programme
<b>Part – I</b>	Language (Tamil / Hindi)	04	400	12	123 (CGPA)
<b>Part – II</b>	English	04	400	12	
<b>Part – III</b>	Core Courses	14	1400	65	
	Core Industry Module (CIM)	01	100	04	
	Elective Courses(Generic) – Allied	06	600	18	
	Elective Courses (Discipline Centric)	04	400	12	
<b>Part – IV</b>	Skill Enhancement Course – Non Major Elective (NME)	01	100	02	17 (Non CGPA)
	Skill Enhancement Course – Discipline Specific (SEC)	02	200	04	
	Professional Competency Skill Enhancement Course(PCSE)	01	100	02	
	Gender Studies (GS)	01	100	02	
	Environmental Studies (EVS)	01	100	02	
	Value Education (VE)	01	100	02	
	Internship / Industrial Activity	--	--	02	
<b>Part – V</b>	Extension Activity (EA)	--	--	01	
	<b>Total</b>	<b>40</b>	<b>4000</b>	<b>140</b>	<b>140</b>
	Value Added Course (VAC)	01	100	--	--
	Extra Credit Course – MOOC / Field visit / Hands on Training	--	--	Max: 4	--

**\*Part I, II, and Part III components will be separately taken into account for CGPA calculation and classification for the under graduate programme and the other components. IV, V has to be completed during the duration of the programme as per the norms, to be eligible for obtaining the UG degree.**

**Course Structure: B.A. ECONOMICS (2023)**

S. No.	Semester	Part	Category	Course Code	Title of the Course	Maximum Marks			Minimum Marks			Hours/Week	Credits
						CIA	EE	Total	CIA	EE	Total		
1.	I	I	Language	23U1ECT1/H1	Tamil – I / Hindi – I	25	75	100	10	30	40	6	3
2.		II	Language	23U1EC E1	English – I	25	75	100	10	30	40	6	3
3.		III	Core	23U1EC C1	Micro Economics - I	25	75	100	10	30	40	5	5
4.			Core	23U1ECC2	Economics of Tourism	25	75	100	10	30	40	5	5
5.			Allied	23U1ECA1	Statistics for Economists - I	25	75	100	10	30	40	5	3
			Allied	23U2ECA2	Economics of Health and Education (NS)	-	-	-	-	-	-	3	-
6.		IV	EVS	23U1ECES	Environmental Studies	-	100	100	-	-	40	SS	2
7.	II	I	Language	23U2ECT2/H2	Tamil – II / Hindi – II	25	75	100	10	30	40	6	3
8.		II	Language	23U2ECE2	English – II	25	75	100	10	30	40	6	3
9.		III	Core	23U2ECC3	Microeconomics-II	25	75	100	10	30	40	5	4
10.			Core	23U2ECC4	History of Economic Thought	25	75	100	10	30	40	5	4
11.			Allied	23U2ECA2	Economics of Health and Education (NS)	25	75	100	10	30	40	3	3
12.			Allied	23U2ECA3	Statistics for Economists – II	25	75	100	10	30	40	5	3
13.		IV	VA	23U2ECVA	Value Based Education	25	75	100	10	30	40	SS	2
			Extra Credit	MOOC (Massive open online course)			-	-	-	-	-	-	
14.	III	I	Language	23U3ECT3/H3	Tamil – III / Hindi – III	25	75	100	10	30	40	6	3
15.		II	Language	23U3ECE3	English – III	25	75	100	10	30	40	6	3
16.		III	Core	23U3ECC5	Macroeconomics-I	25	75	100	10	30	40	5	5
17.			Core	23U3ECC6	Mathematics for Economics	25	75	100	10	30	40	5	4
18.			Allied	23U3ECA4	Fundamentals of Management	25	75	100	10	30	40	5	3
			Allied	23U4ECA5	Principles of Marketing (Non-Semester)	-	-	-	-	-	-	3	-
			Extra Credit	MOOC / Field visit / Hands on Training			-	-	-	-	-	-	

S. No.	Semester	Part	Category	Course Code	Title of the Course	Maximum Marks			Minimum Marks			Hours/Week	Credits
						CIA	EE	Total	CIA	EE	Total		
19.	IV	I	Language	23U4ECT4/H4	Tamil – IV / Hindi – IV	25	75	100	10	30	40	6	3
20.		II	Language	23U4ECE4	English – IV	25	75	100	10	30	40	6	3
21.		III	Core - CIM	23U4ECCIM	Industry Module: Industrial Economics	25	75	100	10	30	40	5	4
22.			Core	23U4ECC7	Macroeconomics-II	25	75	100	10	30	40	5	4
23.			Allied	23U4ECA5	Principles of Marketing (Non-Semester)	25	75	100	10	30	40	3	3
24.			Allied	23U4ECA6	Basic Accountancy	25	75	100	10	30	40	4	3
25.		IV	SEC	23U4ECSEC1	Digital Literacy in Economics	25	75	100	10	30	40	2	2
26.			GS	23U4ECGS	Gender Studies	-	100	100	-	-	40	SS	2
			Extra Credit	Field visit / Hands on Training			-	-	-	-	-	-	-
27.	V	III	Core	23U5ECC8	Monetary Economics	25	75	100	10	30	40	5	5
28.			Core	23U5ECC9	Fiscal Economics	25	75	100	10	30	40	5	5
29.			Core	23U5ECC10	Environmental Economics	25	75	100	10	30	40	5	5
30.			Elective	23U5ECEL1A/ 23U5ECEL1B	Tamil Nadu Economy / Operations Research	25	75	100	10	30	40	4	3
31.			Elective	23U5ECEL2A/ 23U5ECEL2B	Managerial Economics / Gender Economics	25	75	100	10	30	40	4	3
32.			NME	23U5ECNME	General Studies For Competitive Examinations	25	75	100	10	30	40	2	2
33.			Core	23U5EC11PR	Project with Viva Voce	25	75	100	10	30	40	5	4
			IV	Internship / Industrial Training (Carried out in II Year summer vacation – 30 hours)									-
34.	VI	III	Core	23U6ECC12	International Economics	25	75	100	10	30	40	6	5
35.			Core	23U6ECC13	Computer Application in Economics	25	75	100	10	30	40	5	5
36.			Core	23U6ECC14	Agricultural Economics	25	75	100	10	30	40	5	5
37.			Elective	23U6ECEL3A/ 23U6ECEL3B	Modern Banking and Insurance/ Behavioural Economics	25	75	100	10	30	40	5	3
38.			Elective	23U6ECEL4A/ 23U6ECEL4B	Financial Markets and Institutions / Urban Economics	25	75	100	10	30	40	5	3
39.		IV	SEC	23U6ECSEC2	Entrepreneurial Development	25	75	100	10	30	40	2	2
40.			PCSE	23U6ECPCSE	Comprehensive Knowledge	-	100	100	-	40	40	2	2
				Extension Activities (Outside College hours)			-	-	-	-	-	-	-
								<b>4000</b>					<b>140</b>

**Internship/ Industrial Activity:**

Students must complete in-plant training in any industry or organization where a programme-related procedure is being used, and this training must be done during the summer vacation at the end of II Year. A minimum of 30 hours should be spent on training. Students must submit a report on their training together with a certificate from the relevant industry or organization authority.

**MOOC:**

Massive Open Online Course (MOOC) is offered in the II and III Semester as an Extra Credit Course. Students can avail any one or more of the courses available in MOOC to equip their skill and knowledge themselves. To receive the extra credit, students must provide their MOOC course completion certificate at the end of the second year.

**Field visit / Hands on Training:**

In order to achieve experiential learning, these programmes with a minimum of 15 hours of contact time are offered as Extra Credit Courses in the III & IV Semester.

Evaluation of visit report will be held at the end of IV Semester.

Components of Evaluation:

Internal Marks : 25

External Marks : 75

Total : 100

**Skill Enhancement course (SEC) offered by the Economics Department: Digital Literacy in Economics**

**Non – Major Elective (NME) Course offered by the Economics Department: General Studies for Competitive Examinations**

**A.VEERIYA VANDAYAR MEMORIAL SRI PUSHPAM COLLEGE (AUTONOMOUS),POONDI, THANJAVUR DIST.**  
**(NAAC Re-Accredited with A grade in 4<sup>th</sup> cycle)**  
**Question Pattern for UG Programme**  
**(For the students admitted from 2023 – 2024onwards)**

**Bloom's Taxonomy based Assessment pattern**

Bloom's category	Section	Choice	Marks	Total
K1 to K6	A	Compulsory	10 x 2 = 20	75
	B	Either / Or	5 x 5 = 25	
	C	3 out of 5	3 x 10 = 30	

**OBE QUESTION PATTERN**

**Total Marks: 75**

**SECTION – A (10 x 2 = 20)**

**Answer All the questions (Two Questions from each units)**

CO	K Level	Q. No.	Questions
		1.	
		2.	
		3.	
		4.	
		5.	
		6.	
		7.	
		8.	
		9.	
		10.	

**SECTION – B (5 x 5 = 25)**

**Answer All the questions (One Question from each unit)**

		11(a).	
<b>(OR)</b>			
		11(b).	
		12(a).	
<b>(OR)</b>			
		12(b).	
		13(a).	
<b>(OR)</b>			
		13(b).	
		14(a).	
<b>(OR)</b>			
		14(b).	
		15(a).	
<b>(OR)</b>			
		15(b).	

**SECTION – C (3 x 10 = 30)**

**Answer ANY THREE questions (One Question from each unit)**

		16.	
		17.	
		18.	
		19.	
		20.	



## Bloom's Taxonomy Action Verbs

<b>K1 Remember</b>	<b>K2 Understand</b>	<b>K3 Apply</b>	<b>K4 Analyze</b>	<b>K5 Evaluate</b>	<b>K6 Create</b>
<ul style="list-style-type: none"> <li>• Choose</li> <li>• Copy</li> <li>• Define</li> <li>• Describe</li> <li>• Discover</li> <li>• Duplicate</li> <li>• Enumerate</li> <li>• Examine</li> <li>• Find</li> <li>• How</li> <li>• Identify</li> <li>• Label</li> <li>• List</li> <li>• Locate</li> <li>• Match</li> <li>• Memorize</li> <li>• Name</li> <li>• Omit</li> <li>• Recall</li> <li>• Recognize</li> <li>• Relate</li> <li>• Select</li> <li>• Show</li> <li>• Spell</li> <li>• State</li> <li>• Tabulate</li> <li>• Tell</li> <li>• What</li> <li>• When</li> <li>• Where</li> <li>• Which</li> <li>• Who</li> <li>• Why</li> </ul>	<ul style="list-style-type: none"> <li>• Associate</li> <li>• Classify</li> <li>• Compare</li> <li>• Contrast</li> <li>• Convert</li> <li>• Demonstrate</li> <li>• Describe</li> <li>• Differentiate</li> <li>• Discuss</li> <li>• Distinguish</li> <li>• Estimate</li> <li>• Explain</li> <li>• Express</li> <li>• Extend</li> <li>• Identify</li> <li>• Illustrate</li> <li>• Indicate</li> <li>• Infer</li> <li>• Interpret</li> <li>• Outline</li> <li>• Paraphrase</li> <li>• Predict</li> <li>• Relate</li> <li>• Rephrase</li> <li>• Show</li> <li>• Summarize</li> <li>• Translate</li> </ul>	<ul style="list-style-type: none"> <li>• Apply</li> <li>• Build</li> <li>• Calculate</li> <li>• Change</li> <li>• Choose</li> <li>• Complete</li> <li>• Construct</li> <li>• Demonstrate</li> <li>• Develop</li> <li>• Discover</li> <li>• Dramatize</li> <li>• Experiment</li> <li>• Identify</li> <li>• Interview</li> <li>• Interpret</li> <li>• Illustrate</li> <li>• Makeuseof</li> <li>• Manipulate</li> <li>• Model</li> <li>• Modify</li> <li>• Organize</li> <li>• Paint</li> <li>• Plan</li> <li>• Prepare</li> <li>• Produce</li> <li>• Relate</li> <li>• Select</li> <li>• Show</li> <li>• Sketch</li> <li>• Solve</li> <li>• Use</li> <li>• Utilize</li> </ul>	<ul style="list-style-type: none"> <li>• Advertise</li> <li>• Appraise</li> <li>• Analyze</li> <li>• Assume</li> <li>• Break down</li> <li>• Categorize</li> <li>• Classify</li> <li>• Compare</li> <li>• Conclusion</li> <li>• Connect</li> <li>• Contrast</li> <li>• Differentiate</li> <li>• Discover</li> <li>• Dissect</li> <li>• Distinguish</li> <li>• Discriminate</li> <li>• Divide</li> <li>• Examine</li> <li>• Explain</li> <li>• Function</li> <li>• Inference</li> <li>• Inspect</li> <li>• List</li> <li>• Motive</li> <li>• Order</li> <li>• Point out</li> <li>• Prioritize</li> <li>• Relationships</li> <li>• Select</li> <li>• Separate</li> <li>• Simplify</li> <li>• Subdivide</li> <li>• Survey</li> <li>• Takepartin</li> <li>• Testfor</li> <li>• Theme</li> </ul>	<ul style="list-style-type: none"> <li>• Agree</li> <li>• Appraise</li> <li>• Assess</li> <li>• Award</li> <li>• Choose</li> <li>• Compare</li> <li>• Conclude</li> <li>• Convince</li> <li>• Criteria</li> <li>• Criticize</li> <li>• Decide</li> <li>• Deduct</li> <li>• Defend</li> <li>• Determine</li> <li>• Discriminate</li> <li>• Estimate</li> <li>• Evaluate</li> <li>• Explain</li> <li>• Find errors</li> <li>• Grade</li> <li>• Importance</li> <li>• Influence</li> <li>• Interpret</li> <li>• Judge</li> <li>• Justify</li> <li>• Mark</li> <li>• Measure</li> <li>• Order</li> <li>• Predict</li> <li>• Prioritize</li> <li>• Prove</li> <li>• Rank</li> <li>• Rate</li> <li>• Recommend</li> <li>• Reframe</li> <li>• Select</li> <li>• Summarize</li> <li>• Support</li> <li>• Value</li> </ul>	<ul style="list-style-type: none"> <li>• Adapt</li> <li>• Build</li> <li>• Change</li> <li>• Choose</li> <li>• Combine</li> <li>• Compile</li> <li>• Compose</li> <li>• Construct</li> <li>• Create</li> <li>• Design</li> <li>• Develop</li> <li>• Discuss</li> <li>• Elaborate</li> <li>• Estimate</li> <li>• Formulate</li> <li>• Generalize</li> <li>• Hypothesize</li> <li>• Imagine</li> <li>• Improve</li> <li>• Integrate</li> <li>• Invent</li> <li>• Make up</li> <li>• Maximize</li> <li>• Minimize</li> <li>• Modify</li> <li>• Originate</li> <li>• Organize</li> <li>• Plan</li> <li>• Predict</li> <li>• Prepare</li> <li>• Produce</li> <li>• Propose</li> <li>• Rearrange</li> <li>• Rewrite</li> <li>• Role-play</li> <li>• Solution</li> <li>• Solve</li> <li>• Substitute</li> <li>• Write</li> </ul>

Semester	Subject Code	Title Of The Paper	Hours Of Teaching/ Week	No. of Credits
I	23U1ECT1	வாதுத் தமிழ் - 1	6	3

#### Nature of the Course

1. Employability Oriented வேலை வாய்ப்புச் சார்ந்தது	✓	7. Addresses Professional Ethics தொழில் நெறிமுறைகளை நிறைவு செய்தல்	
2. Entrepreneurship Oriented தொழில் முனைவு சார்ந்தது		8. Relevent To Local Need உள்ளூர் தேவைகளோடு தொடர்புடையது	✓
3. Skill Development Oriented திறன்மேம்பாடு சார்ந்தது	✓	9. Relevent To Regional Need மண்டல அளவிலான தேவைகளோடு தொடர்புடையது	
4. Addresses Gender Sensitization பாலின உணர்திறன் பூர்த்தி செய்தல்		10. Relevent To National Need தேசிய அளவிலான தேவைகளோடு தொடர்புடையது	
5. Addresses Environment and Sustainability சுற்றுச் சூழல் மற்றும் நிலைத் தன்மை நிறைவு செய்தல்		11. Relevent To Global Development Need உலக அளவிலான தேவைகளோடு தொடர்புடையது	
6. Addresses Human Values மனித மதிப்புகளை நிறைவு செய்தல்	✓		

#### Course Objectives

- முதலாமாண்டுப் பட்ட வகுப்பு மாணவர்களுக்குத் தமிழ் மொழி இலக்கியங்களை அறிமுகம் செய்தல்
- தற்கால இலக்கியப் போக்குகளையும் இலக்கணங்களையும் மாணவர் அறியுமாறு செய்தல்.
- மாணவர்களுக்குத் தமிழ் படைப்பாற்றலைத் தூண்டுதல்.
- தமிழ் இலக்கியம் சார்ந்த போட்டித் தேர்வுகளுக்கு ஏற்ப கற்பித்தல் நடைமுறைகளை மேற்கொள்ளுதல்.

Unit	Details	Hours
Unit-I	<b>மரபுக் கவிதை</b> 1. பெ. சுந்தரனார் - தமிழ்த் தெய்வ வணக்கம் 2. பாரதிதாசன் - சிறுத்தையே வெளியில் வா 3. கவிமணி - புத்தரும் சிறுவனும் 4. முடியரசன் - மொழி உணர்ச்சி 5. கண்ணதாசன் - ஆட்டனத்தி ஆதிமந்தி — ஆதிமந்தி புலம்பல் 6. சுரதா - துறைமுகம் தொகுப்பிலிருந்து ஏதேனும் ஒரு கவிதை 7. தமிழ் ஒளி - கடல்	18 Hrs

<b>Unit-II</b>	<b>புதுக்கவிதை</b> 1. அப்துல் ரகுமான் - வீட்டுக்கொரு மரம் வளர்ப்போம் 2. ஈரோடு தமிழன்பன் - சென்றியூ கவிதைகள் (ஏதேனும் ஐந்து கவிதைகள்) 3. வைரமுத்து - பிற்சேர்க்கை 4. மு.மேத்தா- வாழைமரம் 5. அறிவுமதி -வள்ளுவம் பத்து 6. நா முத்துக்குமார் - ஆனந்த யாழை மீட்டுகிறாய் 7. சுகிர்தராணி - சபிக்கப்பட்ட முத்தம் 8. இளம்பிறை -நீ எழுத மறுக்கும் எனது அழகு	18 Hrs
<b>Unit-III</b>	<b>சிறுகதைகள்</b> 1. வாய்ச் சொற்கள் - ஜெயகாந்தன் (மாலை மயக்கம் தொகுப்பு) 2. கடிதம் - புதுமைப்பித்தன் 3. முள்முடி - தி ஜானகிராமன் 4. சிதறல்கள் - விழி.பா.இதயவேந்தன் 5. காகித உறவு - சு.சமுத்திரம் 6. வீட்டின் மூலையில் சமையல் அறை - அம்பை 7. (மொழிபெயர்ப்புக் கதை) ஆண்டன் செக்காவ் - நாயக்காரர் சீமாட்டி, சந்தியா	18 Hrs
<b>Unit-IV</b>	1. பாடம் சார்ந்த இலக்கிய வரலாறு 2. இராகபாவம் — கேட்டிவி	18 Hrs
<b>Unit-V</b>	<b>மொழித்திறன் போட்டி தேர்வு</b> 1.பொருள் பொதிந்த சொற்றொடர் அமைத்தல் 2. ஓர் எழுத்து ஒரு மொழி 3. வேற்றுமை உருபுகள் 4. திணை, பால், எண், இடம் 5. கலைச்சொல்லாக்கம், மொழிபெயர்ப்பு. (குறிப்பு: அலகு 4, 5 ஆகியன போட்டித் தேர்வு நோக்கில் நடத்தப்பட வேண்டும்).	18 Hrs

CO Number	CO Statement	Cognitive Level
CO1	பாரதியார் காலந்தொட்டு தற்காலப் புதுக்கவிதைகள் வரை கவிதை இலக்கியம் அறிமுகப்படுத்தப்படுவதால் படைப்பாற்றல் திறன் பெறுதல்.	K2
CO2	புதுக்கவிதை வரலாற்றினை அறிந்து கொள்வர்.	K3
CO3	இக்கால இலக்கிய வகையினைக் கற்பதன் மூலம் படைப்பாக்கத் திறனைப் பெறுவர்.	K4
CO4	மொழியறிவோடு சிந்தனைத்திறன் அதிகரித்தல்.	K3
CO5	தமிழ்மொழியைப் பிழையின்றி எழுதவும், புதிய கலைச் சொற்களை உருவாக்கவும் அறிந்து கொள்ளுதல்.	K5

### Text Books

1. தமிழ் இலக்கிய வரலாறு -செம்பதிப்பு- பெ.சுபாஷ் சந்திரபோஸ்

### பார்வை நூல்கள்

1. தமிழ் இலக்கிய வரலாறு - சிற்.பி.பாலசுப்பிரமணியன்
2. புதிய நோக்கில் தமிழ் இலக்கிய வரலாறு - தமிழண்ணல்
3. வகைமை நோக்கில் தமிழ் இலக்கிய வரலாறு - எஃப்.பாக்கியமேரி

### Web Resource

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

1. Tamil Heritage Foundation- [www.tamilheritage.org](http://www.tamilheritage.org) <<http://www.tamilheritage.org>> Tamil virtual University Library-
2. [www.tamilvu.org/library](http://www.tamilvu.org/library)
3. <http://www.virtualvu.org/library> Project Madurai - [www.projectmadurai.org](http://www.projectmadurai.org).
4. Chennai Library- [www.chennaiLibrary.com](http://www.chennaiLibrary.com) <<http://www.chennaiLibrary.com>>.
5. Tamil Universal Digital Library- [www.ulib.prg](http://www.ulib.prg) <<http://www.ulib.prg>>.
6. Tamil E-Books Downloads- [tamale books downloads. blogspot.com](http://tamalebooksdownloads.blogspot.com)
7. Tamil Books on line- [books.tamil cube.com](http://books.tamilcube.com)
8. Catalogue of the Tamil books in the Library of British Congress [archive.org](http://archive.org)
9. Tamil novels on line - [books.tamilcube.com](http://books.tamilcube.com)

பொதுத்தமிழ் —1												
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2
CLO1	3	2	3	3	3	2	2	2	3	2	3	2
CLO2	3	3	2	2	2	3	2	3	3	2	2	2
CLO3	3	2	3	3	2	2	2	3	2	3	3	2
CLO4	2	3	3	2	2	2	3	2	3	2	3	3
CLO5	3	3	2	2	2	3	3	2	2	2	3	3

Semester	Course Code	Course Title	Hours of Teaching / Cycle	No. of Credits
I	23U1ECE1	<b>PART - II GENERAL ENGLISH</b>	6	3

<b>Learning Objectives</b>		
<b>LO1</b>	To enable earners to acquire self awareness and positive thinking required in Various life situations.	
<b>LO2</b>	To help the macquire the attribute of empathy	
<b>LO3</b>	To assist them in acquiring creative and critical thinking abilities	
<b>LO4</b>	To enable them to learn the basic grammar	
<b>LO5</b>	To assist the min developing LSRW skills	
<b>Unit No.</b>	<b>Unit Title &amp;Text</b>	<b>No.of Periods for the Unit</b>
<b>I</b>	<b>SELF-AWARENESS(WHO) &amp; POSITIVE THINKING (UNICEF)</b> <b>Life Story</b> Chapter 1 from Malala Yousafzai, I am Malala An Autobiography or The Story of My Experiments with Truth (Chapters 1, 2 & 3) M.K.Gandhi <b>Poem</b> Where the Mind is Without Fear–Gitanjali 35– Rabindranath Tagore Love Cycle– Chinua Achebe	20
<b>II</b>	<b>EMPATHY</b> <b>Poem</b> Nine Gold Medals– David Roth Alice Fellor poverty–William Words worth <b>Short Story</b> The School for Sympathy– E.V. Lucas Barn Burning – William Faulkner	20
<b>III</b>	<b>CRITICAL &amp; CREATIVE THINKING</b> <b>Poem</b> The Things That Haven't Been Done Before– Edgar Guest Stopping by the Woods on a Snowy Evening– Robert Frost <b>Readers Theatre</b> The Magic Brocade – A Tale of China Stories on Stage–Aaron Shepard (Three Sideway Stories from Wayside School” by Louis Sachar)	20
<b>IV</b>	<b>Reflective Thinking</b> The Running Rivulets of man The Lady in the Silver Coat Mr.Applebaum at Play The Feigning Brawl of an Imposter Thy Life is my Lesson	15
<b>V</b>	<b>Communication Skill Part of Speech</b> Articles Noun Pronoun Verb	15

	Adverb Adjective Preposition	
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Course Outcomes		
<b>Course Outcomes</b>	On completion of this course, students will:	
<b>CO1</b>	Acquire self awareness and positive thinking required in various life situations	PO1,PO7
<b>CO2</b>	Acquire the attribute of empathy.	PO1,PO2,PO10
<b>CO3</b>	Acquire creative and critical thinking abilities.	PO4,PO6,PO9
<b>CO4</b>	Learn basic grammar	PO4,PO5,PO6
<b>CO5</b>	Development and integrate the use of four language skills i.e., listening, speaking, reading and writing.	PO3,PO8

Textbooks (Latest Editions)	
1.	Malala Yousafzai. Iam Malala, Little, Brown and Company, 2013.
2.	M.K.Gandhi. An Autobiography or The Story of My Experiments with Truth (Chapter – I), Rupa Publications, 2011.
3.	Rabindranath Tagore. "Gitanjali 35" from Gitanjali (Song Offerings): A Collection of Prose Translations Made by the Author from the Original Bengali. MacMillan, 1913.
4.	N.Krishnasamy. Modern English: A Book of Grammar, Usage and Composition Macmillan, 1975.
5.	Aaron Shepard. Stories on Stage, Shepard Publications, 2017.
6.	J.C.Nesfield. English Grammar Composition and Usage, Macmillan, 2019.
7.	Sri.KTV. Melodious Harmony, New Century Book House. 2022

Web Resources	
1	Malala Yousafzai. Iam Malala (Chapter 1) <a href="https://archive.org/details/i-am-malala">https://archive.org/details/i-am-malala</a>
2	M.K.Gandhi. An Auto biography or The Story of My Experiments with Truth (Chapter-1)- Rupa Publication, 2011 <a href="https://www.indiastudychannel.com/resources/146521-Book-Review-An-Autobiography-or-The-story-of-my-experiments-with-Truth.aspx">https://www.indiastudychannel.com/resources/146521-Book-Review-An-Autobiography-or-The-story-of-my-experiments-with-Truth.aspx</a>
3	Rabindranath Tagore. "Gitanjali 35" from Gitanjali (Song Offerings) <a href="https://www.poetryfoundation.org/poems/45668/gitanjali-35">https://www.poetryfoundation.org/poems/45668/gitanjali-35</a>
4	Aaron Shepard. Stories on Stage, Shepard Publications, 2017 <a href="https://amzn.eu/d/9rVzINv">https://amzn.eu/d/9rVzINv</a>
5	JCNesfield. Manual of English Grammar and Composition. <a href="https://archive.org/details/in.ernet.dli.2015.44179">https://archive.org/details/in.ernet.dli.2015.44179</a>

**Mapping with Programme Outcomes:**

	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>
<b>CO1</b>	3	3	3	3	3	3	3	2	3	2
<b>CO2</b>	2	3	3	3	2	3	3	2	2	2
<b>CO3</b>	3	3	3	2	3	3	3	2	3	2
<b>CO4</b>	3	3	3	3	3	3	3	2	2	2
<b>CO5</b>	3	2	3	3	3	3	3	2	2	3

**Mapping with Programme Specific Outcomes:**

<b>CO /PO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>
<b>CO1</b>	3	3	3	3
<b>CO2</b>	3	3	3	3
<b>CO3</b>	3	3	3	3
<b>CO4</b>	3	3	3	3
<b>CO5</b>	3	3	3	3
<b>Weight age</b>	15	15	15	15
<b>Weighted percentage of Course Contribution to POS</b>	3.0	3.0	3.0	3.0

**3– Strong, 2 –Medium, 1-Low**

Semester	Course Code	Course Title	Hours of Teaching / Cycle	No. of Credits
I	23U1ECC1	Micro Economics - I	5	5

#### Nature of the course

Relevant to Local need	√	Employability Oriented	√	Addresses Professional Ethics	√
Relevant to national need	√	Entrepreneurship Oriented		Addresses Gender Sensitization	
Relevant to regional need	√	Skill development Oriented	√	Addresses Environment and Sustainability	
Relevant to Global need	√			Addresses Human Values	√

#### Course Objectives

The main objectives of this course are:

1. To Equip the economic behaviours of individual units of the society.
2. To describes the consumer behaviour and utility analysis.
3. To impart knowledge on demand and supply concepts.
4. To identify the relevance of Production and returns to scale of Production.
5. To know the costs and profit maximisation.

#### SYLLABUS

Unit	Content	No. of Hours
I	<b>Basic Concepts</b> Definitions of Economics– Nature and Scope of Microeconomics – Positive and Normative Approaches- Inductive and Deductive Approaches - Consumers and Firms –Decision Making–Rationality: Self-Interest – Trade-offs –Fundamental Economic Problems - Market Mechanism and Resource Allocation.	15
II	<b>Utility Analysis</b> Utility–Ordinal and Cardinal Utility–Total and Marginal Utility – Law of Diminishing Marginal Utility - Law of Equi-Marginal Utility- Indifference Curves–Properties–Marginal Rate of Substitution- Budget Line – Price and Substitution Effects-Optimal Consumer Choice – Revealed Preference Theory – Samuelson and Hicks’ Approach	15
III	<b>Demand and Supply Analysis</b> Demand – Types of Goods -Law of Demand – Determinants – Exceptions – Giffen Paradox – Veblen Effect- Elasticity of Demand: Types - Engel’s Law -Supply – Law of Supply – Determinants –Elasticity of Supply and its Types- Market Equilibrium - Consumer Surplus and Producer Surplus	15
IV	<b>Production Analysis</b> Production Function– Law of Variable Proportions- Laws of Returns to Scale-Iso-quant’s-Types of Production Function – Cobb -Douglas and Constant Elasticity of Substitution(CES) Production Function – Economies and Diseconomies of Scale	15



<b>V</b>	<b>Cost and Revenue Concepts</b> Costs – Fixed and Variable Costs - Average, Marginal, and Total Costs – Short Run and Long Run Costs – Implicit, Explicit, Sunk and Imputed Cost – Revenue – Total, Average and Marginal Revenue –Relationship between AR, MR and Elasticity of Demand- Profit Maximization Rule.	15
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**Textbook:**

1. Robert Pindyck and Daniel L. Rubinfeld, (2001) Micro Economics, Macmillan
2. Hal R. Varian (2004), Intermediate Micro Economics (East-West Press: New Delhi)

**References:**

1. Koutsoyiannis (2003), Modern Microeconomics Palgrave Macmillan (UK) 2<sup>nd</sup> Edition.
2. Gregory Mankiw (2012), Principles of Microeconomics Cengage India .
3. Dwivedi, D.N(2002), Microeconomics: Theory and Applications, 2<sup>nd</sup> ed., Pearson

**Web resources:**

1. <http://www.econlib.org/library/enc/microeconomics.html>
2. <https://www.tutor2u.net/economics>
3. <https://www.economicsnetwork.ac.uk/>

**Pedagogy:** Teaching / Learning methods

Chalk and Talk, Lecture, Tutorial, Assignment, Quiz, Group Discussion, Seminar.

**Course Outcomes**

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

CO Number	CO Statement	Cognitive Level
<b>CO1</b>	Understand the meaning of basic concepts and the need for the study of Microeconomics.	K1,K2
<b>CO2</b>	Evaluate the Types of Utility and Consumer Behaviour.	K2,K3,K5
<b>CO3</b>	Acquire knowledge on various market equilibrium, Demand and Supply Functions	K1,K2,K4
<b>CO4</b>	To understand the meaning of Production Functions	K1,K2
<b>CO5</b>	To understand the theory of firms, Cost and Revenue	K1,K2

**Cognitive Level:** K1 - Remember; K2 - Understanding; K3 - Apply; K4 - Analyze;

K5 – Evaluate; K6 – Create

**Mapping of Course Outcomes with Programme Outcomes:**

CO /PO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
<b>CO 1</b>	3	3	3	3	3	3	3	3
<b>CO 2</b>	3	3	3	3	3	3	3	3
<b>CO 3</b>	3	3	3	3	3	3	3	3
<b>CO 4</b>	3	3	3	3	2	3	2	3
<b>CO 5</b>	2	2	2	2	2	3	2	3

3 - Strongly Correlated; 2 - Moderately Correlated;

1 - Weakly Correlated; 0 – No correlation

**Mapping of Course Outcomes with Programme Specific Outcomes:**

CO /PSO	PSO1	PSO2	PSO3	PSO4	PSO5
<b>CO1</b>	3	3	3	2	2
<b>CO2</b>	3	3	2	2	2
<b>CO3</b>	3	3	3	3	3
<b>CO4</b>	3	3	3	2	2
<b>CO5</b>	3	3	3	2	2

3 - Strongly Correlated; 2 - Moderately Correlated; 1 - Weakly Correlated; 0 – No correlation

Semester	Course Code	Course Title	Hours of Teaching / Cycle	No. of Credits
I	23U1ECC2	Economics of Tourism	5	5

#### Nature of the course

Relevant to Local need	√	Employability Oriented	√	Addresses Professional Ethics	
Relevant to national need	√	Entrepreneurship Oriented		Addresses Gender Sensitization	
Relevant to regional need	√	Skill development Oriented	√	Addresses Environment and Sustainability	
Relevant to Global need	√			Addresses Human Values	√

#### Course Objectives

The main objectives of this course are:

1. To familiarise students with the basic concepts of Tourism.
2. To probe the tourism demand forecasting and its methods
3. To analyse the impact of tourism and its related aspects
4. To understand the contribution of the Tourism Industry
5. To examine the various international organisations in Tourism.

#### SYLLABUS

Unit	Content	No. of Hours
I	<b>Introduction</b> Introduction–Economics, and Tourism-Tourism Demand-Theoretical background-Types of Tourism Demand-Determinants of Tourism Demand	15
II	<b>Tourism Demand</b> Tourism Demand Forecasting - Methods of Forecasting – Public and Private Sectors in Tourism - the Need for Public and Private Sector Co-operation in Tourism – Growth of Tourism Demand in India.	15
III	<b>Tourism Impacts</b> Impact of Tourism - Economic Aspects - the Multiplier Effect - Displacement Effect and Tourism - Tourist Spending - Costs and Benefits of Tourism to Community - Environmental Aspects – Contingency Valuation Method	15
IV	<b>Tourism in India</b> Major tourism circuits of India: Inter-State and Intra-State – Heritage Tourism–Wild life Tourism and Eco Tourism – Tourism in Tamil Nadu.	15
V	<b>Tourism Organizations</b> Role and Functions of World Tourism Organization (WTO), Pacific Asia Travel Association (PATA), World Tourism & Travel Council (WTTC) - Ministry of Tourism, Govt. of India, ITDC, Department of Tourism, Government of Tamil Nadu TTDC – IHA-IATA- TAAI- IATO.	15

**Textbook:**

1. Stephen Ball (2007), Encyclopaedia of Tourism Resources in India, B/H.
2. Manoj Dixit (2002), Tourism Products, New Royal Book Co. Lucknow

**References:**

1. Prasanna Kumar (2017) Marketing for Hospitality and Tourism Mc Graw Hill Education
2. Sneha Pathak and Ritesh Mishra (2019) Medical Tourism in India 93-88797-49-8
3. Geetanjali (2010) Tourism Management ABD Publishers

**Web resources:**

1. <https://www.unwto.org/>
2. <https://itdc.co.in/>
3. <https://tourism.gov.in/>

**Pedagogy:** Teaching / Learning methods

Chalk and Talk, Lecture, Tutorial, Assignment, Quiz, Group Discussion, Seminar.

**Course Outcomes**

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

CO Number	CO Statement	Cognitive Level
CO1	Describe the importance of Tourism	K1, K2
CO2	Understand various methods to calculate demand for tourism	K1, K3, K4
CO3	Analyse the impact of Tourism	K1, K2
CO4	Know the various Tourist circuits in India	K6, K8
CO5	Learn the role of Organisations in tourism development	K1, K2, K8

**Cognitive Level:** K1 - Remember; K2 - Understanding; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 - Create

**Mapping of Course Outcomes with Programme Outcomes:**

CO/PO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	3	3	3	3	3	3	3	3
CO 2	2	3	2	3	3	3	3	3
CO 3	3	3	3	3	2	3	3	3
CO 4	3	3	3	3	3	2	3	3
CO 5	3	3	3	3	3	3	2	3

3 - Strongly Correlated; 2 - Moderately Correlated;  
1 - Weakly Correlated; 0 - No correlation

**Mapping of Course Outcomes with Programme Specific Outcomes:**

CO / PSO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	2
CO2	3	3	2	3	2
CO3	3	2	2	3	3
CO4	3	3	3	3	2
CO5	2	2	2	2	2

3 - Strongly Correlated; 2 - Moderately Correlated;  
1 - Weakly Correlated; 0 - No correlation

Semester	Course Code	Course Title	Hours of Teaching / Cycle	No. of Credits
I	23U1ECA1	Allied – Statistics for Economists – I	5	3

#### Nature of the course

Relevant to Local need		Employability Oriented	√	Addresses Professional Ethics	√
Relevant to national need	√	Entrepreneurship Oriented	√	Addresses Gender Sensitization	
Relevant to regional need	√	Skill development Oriented	√	Addresses Environment and Sustainability	
Relevant to Global need	√			Addresses Human Values	

#### Course Objectives

The main objectives of this course are:

1.To study the nature, scope, uses and limitations of statistics.
2.To enable the students of Economics to know the various sources of data collection
3. To make the students to learn the basic and elementary tools in statistics such as different types averages.
4.To know the measures of skewness.
5.To study the uses of dispersion and the different types.

#### SYLLABUS

Unit	Content	No. of Hours
I	<b>Introduction and Collection of Data</b> Introduction – Nature and Scope of Statistics – Uses and Limitations of Statistics – Data Collection – Primary and Secondary Data –Tools for collecting Primary Data – Requisites of Good Questionnaire – Sources of Secondary Data.	15
II	<b>Classification and Presentation of Data</b> Classification and Tabulation of Data– Types - Frequency Distribution – Cumulative Frequency Distribution- Class Interval – Diagrams – Types- Graphical Representation– Histogram – Frequency Polygon - Ogive Curve - Lorenz Curve.	15
III	<b>Measures of Central Tendency</b> Measures of Central Tendency- Requisites of a Good Average – Arithmetic Mean, Median, and Mode – Relative Merits and Demerits.	15
IV	<b>Measures of Dispersion</b> Absolute and Relative Measures of Dispersion – Range – Quartile Deviation – Mean Deviation – Standard Deviation – Variance - Coefficient of Variation --Skewness and Kurtosis.	15

<b>V</b>	<b>Correlation and Regression</b> Correlation – Types of Correlation – Methods -Karl Pearson’s Co- efficient of Correlation – Spearman’s Rank Correlation – Regression Equations – Distinction between Correlation and Regression Analysis.	15
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**Textbook:**

1. S.P .Gupta : Elementary Statistical Methods

2.Sanchetti&Kapoor: Statistical Methods

**References:**

1.S.P.Gupta : Fundamental of Statistics

2.Sivathanupillai : Economics and Business Statistics

3.Pillai and Bhagawati : Statistics

**Web resources:**

1.<https://statisticsbyjim.com>

2. <https://www.abs.gov.au>

3. <https://en.m.wikipedia.org>

**Pedagogy:** Teaching / Learning methods

Chalk and Talk, Lecture, Tutorial, Assignment, Quiz, Group Discussion, Seminar.

**Course Outcomes**

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

CO Number	CO Statement	Cognitive Level
<b>CO1</b>	Students will acquaint with various statistical methods and their applications in different fields	K1
<b>CO2</b>	Introduce the fundamentals of statistics and various types of data.	K1
<b>CO3</b>	Develop the skills for sampling and various sampling techniques used to collect survey.	K2
<b>CO4</b>	Inculcate the knowledge to measure the Central tendency, like mean, median and mode.	K2,K3
<b>CO5</b>	Prepare students for future courses having quantitative components	K6

**Cognitive Level:** **K1** - Remember; **K2** - Understanding; **K3** - Apply; **K4** - Analyze; **K5** – Evaluate; **K6** – Create

**Mapping of Course Outcomes with Programme Outcomes**

CO/PO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
<b>CO 1</b>	3	3	3	3	3	3	3	3
<b>CO 2</b>	3	3	3	3	3	3	3	3
<b>CO 3</b>	3	3	3	3	3	3	3	3
<b>CO 4</b>	3	3	3	3	2	3	2	3
<b>CO 5</b>	3	2	2	2	3	3	3	3

**Mapping of Course Outcomes with Programme Specific Outcomes**

CO /PSO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3

3 - Strongly Correlated; 2 - Moderately Correlated;  
1 - Weakly Correlated; 0 – No correlation.

Semester	Course Code	Course Title	Hours of Teaching / Cycle	No. of Credits
I & II	23U2ECA2	Allied- Economics of Health and Education (NS)	3	-

#### Nature of the Course

Relevant to local need		Employability oriented	√	Address professional Ethics	
Relevant to regional need	√	Entrepreneurship oriented		Addresses Gender Sensitization	
Relevant to national need	√	Skill development oriented	√	Addresses Environment and sustainability	√
Relevant to global need	√			Addresses Human Values	√

#### Course Objectives

The main objectives of this course are:

- 1 . To relationship between Health and Education
- 2.To analyse the role of health in human development
- 3.To analyse the cost effectiveness in health.
- 4.To importance of education in economic development.

#### SYLLABUS

Unit	Content	No. of Hours
I	<b>Role of Health and Education in Human Capital Formation :-</b> Meaning and definitions of health and education - Relationship between health, education and human development - Concept of human capital formation - its role and importance in economic development - Indicators of human development.	09
II	<b>Health market and Health insurance :-</b> Health as a Good: Demand for and supply of healthcare - Determinants of health - Market failure in the health sector and its reasons: excludability and consumption rivalry, Tragedy of the Commons - Role of Health in Human Development - Health Insurance: Private and Public health insurance - Health care system in India – Health insurance in India with a focus on Ayushman Bharat.	09
III	<b>Economic efficiency and Cost effectiveness in Health Care:-</b> Definition of Economic Evaluation - Types of economic evaluation - Costing techniques: Cost Minimization Analysis, Cost Benefit Analysis, Cost Utility Analysis, QALY & DALY, Cost Effectiveness Analysis and Willingness to Pay Approach - An overview of health policy and programmes in India including the Noon-meal Schemes for students	09
IV	<b>Education and Human Capital Formation:-</b> Role of Education in improving employment opportunities - Various indices to measure educational status: Education Index, Literacy rate, Adult Literacy Rate and Gross Enrolment ratio - Importance of Education in economic development - Education system in India.	09

<b>V</b>	<b>Education, Technology and Human Resource Development:-</b> Human capital formation and socio-economic development - Knowledge revolution and Knowledge economy - New Challenges in the field of education - Demographic dividend - Workforce: planning, training and skill development through education - The New Education Policy in India and its challenges.	<b>09</b>
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**Textbook:**

1. Jay Bhattacharya, Timothy Hyde, Peter Tu. Health Economics, Palgrave MacMillan.
2. Jack, William (1999), Principles of Health Economics for Developing Countries. World Bank Publications.

**Reference:**

1. Gary S. Becker, Human Capital: A Theoretical and Empirical Analysis with Special Reference To Education, Third Edition, The University Of Chicago Press.
2. World Development Report (1993), Investing in Health, The World Bank,
3. Folland, Goodmand, and Stano (FSG). The Economics of Health and Health Care. 5 th Edition. Pearson Prentice Hall Press
4. Kishor, Sunita and Gupta, Kamla (2009), National Family Health Survey 2005-06: Gender Equality and Women’s Empowerment in India. Handbook of Contemporary Education Economics, 2nd edition, ISBN: 978 1 78536 906 3
5. Laxmi Devi (ed.) (1997), Economics of Education, Anmol Publications-New Delhi

**Web resources:**

1. [https://www.google.com/url?](https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwjI4KeSh)
2. [https://www.google.com/url?](https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwjI4KeSh)
3. <https://link.springer.com/content/pdf/bfm:978-1-349-1>

**Pedagogy:** Teaching / Learning methods Lecture, Tutorial, Assignment, PPT presentation, Quiz, Group Discussion, e-content Seminar etc.

**Course Outcomes**

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

CO Number	CO Statement	Cognitive Level
<b>CO1</b>	recognize the subjects of health and education by understanding their importance in economic and human development.	<b>K1,K2</b>
<b>CO2</b>	associate economic principles and theories in interpreting the supply and demand of health care and education	<b>K2,K3</b>
<b>CO3</b>	illustrate the methods of measuring programmes and interventions in the fields of health and education	<b>K3,</b>
<b>CO4</b>	analyse the policies related to health and education with a special focus on Ayushman Bharat and the New Education Policy of India	<b>K4,K5,</b>
<b>CO5</b>	point out the relationship between health and education, their application in human resource development and environmental sustainability.	<b>K4,K5</b>

**Cognitive Level: K1** - Remember; **K2** - Understanding; **K3** - Apply; **K4** - Analyze; **K5** – Evaluate; **K6** – Create.

### Mapping of Course Outcomes with Programme Outcomes

PO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	3	3	2	3	3	2	3
CO2	3	3	3	3	3	2	3	3
CO3	3	2	3	2	2	3	2	2
CO4	3	3	3	3	3	2	3	3
CO5	3	3	3	2	3	3	2	3

3-Strongly Correlated; 2-Moderately Correlated;  
1- Weakly Correlated; 0-No Correlation

### Mapping of Course Outcomes with Programme Specific Outcomes

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

3-Strongly Correlated; 2-Moderately Correlated;  
1-Weakly Correlated; 0-No Correlation



Semester	Subject Code	Title Of The Paper	Hours Of Teaching/ Week	No. of Credits
II	23U2ECT2	வயாதுத் தமிழ் - 2	6	3

### Nature of the Course

1. Employability Oriented வேலை வாய்ப்புச் சார்ந்தது	✓	7. Addresses Professional Ethics தொழில் நெறிமுறைகளை நிறைவு	
2. Entrepreneurship Oriented தொழில் முனைவு சார்ந்தது		8. Relevent To Local Need உள்ளூர் தேவைகளோடு தொடர்புடையது	✓
3. Skill Development Oriented திறன்மேம்பாடு சார்ந்தது	✓	9. Relevent To Regional Need மண்டல அளவிலான தேவைகளோடு தொடர்புடையது	
4. Addresses Gender Sensitization பாலின உணர்திறன் பூர்த்தி செய்தல்		10. Relevent To National Need தேசிய அளவிலான தேவைகளோடு தொடர்புடையது	
5. Addresses Environment and Sustainability சுற்றுச் சூழல் மற்றும் நிலைத் தன்மை நிறைவு செய்தல்		11. Relevent To Global Development Need உலக அளவிலான தேவைகளோடு தொடர்புடையது	
6. Addresses Human Values மனித மதிப்புகளை நிறைவு செய்தல்	✓		

### Course Objectives

1. சமய இலக்கியங்களையும் சிற்றிலக்கியங்களையும் மாணவர்களுக்கு அறிமுகப்படுத்துதல்.
2. மாணவர்களுக்கு மொழித்திறனை வளர்க்கப் பயிற்சி அளித்தல்.
3. மாணவர்களுக்குச் சிறுகதை இலக்கிய வடிவத்தை உணர்த்துதல்.

Unit	Details	Hours
Unit-I	1. திருநாவுக்கரசர் தேவாரம் - நாமார்க்கும் குடியல்லோம் எனத் தொடங்கும் பதிகம் (10 பாடல்கள்) 2. ஆண்டாள் - திருப்பாவை (முதல் 10 பாசரம்)	18 Hrs
Unit-II	1. வள்ளலார் - அருள் விளக்க மாலை (முதல் 10 பாடல்) 2. எச். ஏ. கிருட்டிணப்பிள்ளை - இரட்சணிய மனோகரம் - பால்ய பிரார்த்தனை 3. குணங்குடி மஸ்தான் சாகிபு - பராபரக்கண்ணி (முதல் 10 கண்ணி)	18 Hrs
Unit-III	<b>சிற்றிலக்கியங்கள்</b> 1. தமிழ்விடு தூது (முதல் 20 கண்ணி) 2. திருக்குற்றாலக் குறவஞ்சி - குறத்தி மலைவளம் கூறுதல் 3. முக்கூடல் பள்ளு - நாட்டு வளம்	18 Hrs
Unit-IV	1. பாடம் தழுவிய இலக்கிய வரலாறு 2. மனோரஞ்சிதம் - கேட்டிவி	18 Hrs
Unit-V	<b>மொழித்திறன்/போட்டித் தேர்வுத் திறன்</b> 1. தொடர் வகைகள் 2. மரபுத்தொடர், பழமொழிகள் 3. பிறமொழிச் சொற்களைக் களைதல் 4. வழச்சொற்கள் நீக்குதல் 5. இலக்கணக் குறிப்பு அறிதல்	18 Hrs

CO Number	CO Statement	Cognitive Level
CO1	பக்தி இலக்கியங்களைக் கற்பதன் மூலம் பக்தி நெறியினையும்,சமய நல்லிணக்கத்தையும் தெரிந்து பின்பற்றுவர்.	K1, K2
CO2	சிற்றிலக்கியங்களின்வழி இலக்கியச் சுவையினையும் பண்பாட்டு அறிவினையும் பெறுவர்.	K2
CO3	பட்டப் படிப்பினைப் படிக்கும் போதே பெரும்பான்மையான தமிழ் இலக்கியங்கள் குறித்த அறிவினைப் பெறுவர்.	K4
CO4	தமிழ்ச் சமூகப் பண்பாட்டு வரலாற்றினை இலக்கியங்கள் வாயிலாக அறிவர்.	K3
CO5	போட்டித் தேர்வுகளில் வெற்றி பெறுவதற்குத் தமிழ்ப் பாடத்தினைப் பயன்கொள்ளும் வகையில் ஏற்ற பயிற்சி பெறுவர்.	K4

#### Text Books

1. தமிழ் இலக்கிய வரலாறு -செம்பதிப்பு- பெ.சுபாஷ் சந்திரபோஸ்

#### பார்வை நூல்கள்

2. தமிழ் இலக்கிய வரலாறு - சிற்பி.பாலசுப்பிரமணியன்
3. புதிய நோக்கில் தமிழ் இலக்கிய வரலாறு - தமிழண்ணல்
4. வகைமை நோக்கில் தமிழ் இலக்கிய வரலாறு - எஃப்.பாக்கியமேரி

#### Web Resource

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

1. Tamil Heritage Foundation- [www.tamilheritage.org](http://www.tamilheritage.org) <<http://www.tamilheritage.org>> Tamil virtual University Library-
2. [www.tamilvu.org/](http://www.tamilvu.org/) library
3. <http://www.virtualvu.org/library> Project Madurai - [www.projectmadurai.org](http://www.projectmadurai.org).
4. Chennai Library- [www.chennaiibrary.com](http://www.chennaiibrary.com) <<http://www.chennaiibrary.com>>.
5. Tamil Universal Digital Library- [www.ulib.prg](http://www.ulib.prg) <<http://www.ulib.prg>>.
6. Tamil E-Books Downloads- [tamilebooksdownloads.blogspot.com](http://tamilebooksdownloads.blogspot.com)
7. Tamil Books on line- [books.tamilcube.com](http://books.tamilcube.com)
8. Catalogue of the Tamil books in the Library of British Congress [archive.org](http://archive.org)
9. Tamil novels on line - [books.tamilcube.com](http://books.tamilcube.com)

பொதுத்தமிழ் —2												
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2
CLO1	3	2	3	3	3	2	2	2	3	2	3	2
CLO2	3	3	2	2	2	3	2	3	3	2	2	2
CLO3	3	2	3	3	2	2	2	3	2	3	3	2
CLO4	2	3	3	2	2	2	3	2	3	2	3	3
CLO5	3	3	2	2	2	3	3	2	2	2	3	3

Semester	Course Code	Course Title	Hours of Teaching / Cycle	No. of Credits
<b>II</b>	<b>23U2ECE2</b>	<b>PART - II GENERAL ENGLISH</b>	<b>6</b>	<b>3</b>

<b>Learning Objectives</b>		
<b>LO1</b>	To make students realize the importance of resilience	
<b>LO2</b>	To enable them to become good decision makers	
<b>LO3</b>	To enable them to imbibe problem-solving skills	
<b>LO4</b>	To enable them to use tenses appropriately	
<b>LO5</b>	To help the student use English effectively at the work place.	
<b>Unit No.</b>	<b>Unit Title &amp;Text</b>	<b>No.of Periods for the Unit</b>
<b>I</b>	<b>RESILIENCE</b> <b>Poem</b> Don't Quit – Edgar A. Guest Still Here–Langston Hughes <b>Short Story</b> Engine Trouble – R.K.Narayan Rip Van Winkle– Washington Irving	<b>20</b>
<b>II</b>	<b>DECISION MAKING</b> <b>Short Story</b> The Scribe– Kristin Hunter The Lady or the Tiger- Frank Stockton <b>Poem</b> The Road not Taken–Robert Frost Snake – D. H Lawrence	<b>20</b>
<b>III</b>	<b>PROBLEM SOLVING</b> <b>Prose life Story</b> How I taught My Grandmother to Read– Sudha Murthy <b>Autobiography</b> How frog Went to Heaven–ATale of Angolo Wings of Fire(Chapters1, 2, 3) by A.P.J Abdul Kalam	<b>20</b>
<b>IV</b>	<b>Moral Values</b> The Stoic Penalty Nobility in Reasoning Malu, the Frivolous Freak Honesty is the Cream of Chastity A Boy in Boy's Town	<b>15</b>
<b>V</b>	<b>Tenses</b> Present Past Future Concord	<b>15</b>

Course Outcomes		
Course Outcomes	On completion of this course, students will;	
CO1	Realize the importance of resilience	PO1,PO7
CO2	Become good decision-makers	PO1,PO2,PO10
CO3	Imbibe problem-solving skills	PO4,PO6,PO9
CO4	Use tenses appropriately	PO4, PO5,PO6
CO5	Use English effectively at the work place.	PO3,PO8

Text Books (Latest Editions)	
References Books	
1	Martin Hewings. Advanced English Grammar. Cambridge University Press, 2000
2	SP Bakshi, Richa Sharma. Descriptive English. Arihant Publications (India) Ltd., 2019.
3	Sheena Cameron, Louise Dempsey. The Reading Book: A Complete Guide to Teaching Reading. S & L. Publishing, 2019.
4	Barbara Sherman. Skimming and Scanning Techniques, Liberty University Press, 2014.
5	Phil Chambers. Brilliant Speed Reading: What every one need to read, however. Pearson, 2013.
6	Communication Skills: Practical Approach Ed. Shaikh Moula Ramendra Kumar. Stories of Resilience, Blue Rose Publications, 2020.
7	Sri.KTV.Melodious Harmony, New Century Book House. 2022

#### Web Sources

1	Langston Hughes. Still Here <a href="https://poetryace.com/im-still-here">https://poetryace.com/im-still-here</a>
2	R.K. Narayan. Engine Trouble <a href="http://www.sbioaschooltrichy.org/work/Work/images/new/8e.pdf">http://www.sbioaschooltrichy.org/work/Work/images/new/8e.pdf</a>
3	Washington Irving. Rip Van Winkle <a href="https://www.gutenberg.org/files/60976/60976-h/60976-h.htm">https://www.gutenberg.org/files/60976/60976-h/60976-h.htm</a>
4	Frank Stockton. The Lady or the Tiger <a href="https://www.gutenberg.org/ebooks/396">https://www.gutenberg.org/ebooks/396</a>

#### Mapping with Programme Outcomes:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	3	3	3	3	3	3	3	2	3	2
CO2	2	3	3	3	2	3	3	2	2	2
CO3	3	3	3	2	3	3	3	2	3	2
CO4	3	3	3	3	3	3	3	2	2	2
CO5	3	2	3	3	3	3	3	2	2	3

#### 3-Strong,2-Medium,1-Low Mapping with Programme Specific Outcomes:

CO /PO	PSO1	PSO2	PSO3	PSO4
CO1	3	3	3	3
CO2	3	3	3	3
CO3	3	3	3	3
CO4	3	3	3	3
CO5	3	3	3	3
Weight age	15	15	15	15
Weighted percentage of Course Contribution to Pos	3.0	3.0	3.0	3.0

Semester	Course Code	Course Title	Hours of Teaching / Cycle	No. of Credits
II	23U2ECC3	Micro Economics - II	5	4

#### Nature of the course

Relevant to Local need	√	Employability Oriented	√	Addresses Professional Ethics	√
Relevant to national need	√	Entrepreneurship Oriented		Addresses Gender Sensitization	
Relevant to regional need	√	Skill development Oriented	√	Addresses Environment and Sustainability	
Relevant to Global need	√			Addresses Human Values	√

#### Course Objectives

The main objectives of this course are:

1. To equip the students to gain knowledge on the market structures.
2. To analyse the monopoly and price discrimination in the market.
3. To probe the monopolistic and oligopoly competitions and its operation.
4. To enrich the students about the Theories of Distribution.
5. To understand the concepts of Welfare Economics.

SYLLABUS		
Unit	Content	No. of Hours
I	<b>Perfect Competition</b> Features of Perfect Competition – Equilibrium of the firm and the industry in the Short Run - Long-Run Equilibrium in Perfect Competition- Time Element Analysis.	15
II	<b>Monopoly and Price Discrimination</b> Definition of Monopoly–Demand and Marginal Revenue - Equilibrium under Monopoly– Dead Weight Loss - Kinds to Control Monopoly – Price Discrimination–First Degree, Second Degree and Third-Degree Price Discrimination – Dumping.	15
III	<b>Monopolistic and Oligopoly Competition</b> Monopolistic Competition – Features–Product Differentiation– Market Equilibrium and Short Run and Long Run- Barriers to Entry – Group and Industry Equilibrium– Excess Capacity - Oligopoly – Kinked Demand Curve – Collusion – Cartels and Price Leadership – Game Theory – Minimax – Maximin – Nash Equilibrium.	15

<b>IV</b>	<b>Distribution Theory</b> Functional and Personal Distribution – Marginal Productivity Theory of Distribution – Product Exhaustion Theorem - Concepts of VMP and MRP.	15
<b>V</b>	<b>Welfare Economics and General Equilibrium</b> Welfare Criteria – Adam Smith – Edgeworth – Pareto - Kaldor – Market Failure – Externalities – Walrasian General Equilibrium – Static Properties for Consumption, Production, and Distribution.	15

**Textbook:**

1. Robert Pindyck and Daniel L. Rubinfeld, (2001) Micro Economics, Macmillan.
2. Hal R. Varian (2004), Intermediate Micro Economics East-West Press: New Delhi.

**References:**

1. Koutsoyiannis (2003), Modern Microeconomics, Palgrave Macmillan (UK) 2<sup>nd</sup> Edition.
2. Gregory Mankiw (2012), Principles of Microeconomics Cengage India .
3. Case & Fair, Principles of Economics Myeconlab series 8<sup>th</sup> Edn.

**Web resources:**

1. <https://open.umn.edu/opentextbooks/subjects/economics>
2. <https://global.oup.com>
3. <https://www.economicnetwork.ac.uk>

**Pedagogy:** Teaching / Learning methods Chalk and Talk, Lecture, Tutorial, Assignment, Quiz, Group Discussion, Seminar.

**Course Outcomes**

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

CO Number	CO Statement	Cognitive Level
<b>CO1</b>	Understand the equilibrium conditions in Perfect Competition.	K1, K2
<b>CO2</b>	Analyze the equilibrium conditions under Monokly Market Structure.	K1,K2,K4
<b>CO3</b>	Describe the Market Equilibrium under Monoklistic and Oligokly Market.	K1,K2,K4
<b>CO4</b>	Know the imkrtance of theories of Distribution.	K1,K2,
<b>CO5</b>	Evaluate the aspects of Welfare Economics and General Equilibrium.	K2,K3,K7,K5

**Cognitive Level:** **K1** - Remember; **K2** - Understanding; **K3** - Apply; **K4** - Analyze; **K5** – Evaluate; **K6** – Create

**Mapping of Course Outcomes with Programme Outcomes:**

CO/PO	P O1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	3	3	3	3	3	3	3	3
CO 2	3	3	3	3	3	3	3	3
CO 3	3	3	3	3	3	3	3	3
CO 4	3	3	3	3	2	3	2	3
CO 5	2	3	2	3	3	2	3	3

3 - Strongly Correlated; 2 - Moderately Correlated;  
1 - Weakly Correlated; 0 – No correlation

**Mapping of Course Outcomes with Programme Specific Outcomes:**

CO / PSO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	2
CO2	3	3	3	2	2
CO3	3	3	3	2	3
CO4	3	3	3	2	2
CO5	3	3	3	3	3

3 - Strongly Correlated; 2 - Moderately Correlated;  
1 - Weakly Correlated; 0 – No correlation

Semester	Course Code	Course Title	Hours of Teaching / Cycle	No. of Credits
II	23U2ECC4	History of Economic Thought	5	4

#### Nature of the course

Relevant to Local need		Employability Oriented	√	Addresses Professional Ethics	
Relevant to national need	√	Entrepreneurship Oriented		Addresses Gender Sensitization	
Relevant to regional need	√	Skill development Oriented	√	Addresses Environment and Sustainability	
Relevant to Global need	√			Addresses Human Values	√

#### Course Objectives

The main objectives of this course are:

1.) To explain the nature and scope of economic thought and its principles.
2.) To understand the classical economists ideology and theory of Marx.
3.) To know the Keynesian revolution and its analysis.
4.) To build the Marginalism Revolution and its operations.
5.) To describes the thoughts of various Nobel laureates in economics.

#### SYLLABUS

Unit	Content	No. of Hours
I	<b>Pre-Classical Thought</b> Nature and Scope of Economic Thought-Mercantilism: Growth of Mercantilism- Main Principles – Important Mercantilists- Physiocracy - Main concepts - Important Physiocrats	15
II	<b>Classical Economists and Karl Marx</b> Adam Smith- Division of Labour- Theory of Value- Laissez Faire- Canons of Taxation - Ricardo: Theory of Rent - Comparative Advantage Theory of Trade- Malthus-Theory of Population – Theory of Gluts –Karl Marx- Theory of Surplus Value - Breakdown of the Capitalist System	15
III	<b>Neo-Classical and Institutionalist Thought</b> The Marginalist Revolution- Marshall: Value and Role of Time – Marginal Utility and Consumer’s Surplus – Distribution – Marshallian Concepts – Representative Firm, Economies of Scale, Quasi-Rent- Institutional Economics – Veblen – Mitchell – J.R.Commons.	15



<b>IV</b>	<b>Keynesian Revolution and Modern Thought</b> Keynes – Psychological law of Consumption- Effective Demand- Theory of Employment-- Schumpeter’s Theory of Innovation - Hicks theory of Trade Cycle- New Keynesian Economics- New classical Economics –Rational Expectation Hypothesis.	15
<b>V</b>	<b>Nobel Laureates in Economics and Indian Economic Thought</b> Nobel Laureates in Economics – Paul A Samuelson – Kuznets – Hicks – Myrdal – Milton Friedman – Recent Nobel Laureates (Last Three Years)- Indian Economic Thought – Dada bhaiNaoroji- Mahatma Gandhi-B.R.Ambedkar – Amartya Sen – Sen’s Capability Approach –Poverty and Inequality.	15

**Textbook:**

1. Lokanathan, V, History of Economic Thought, S Chand & Co Ltd.
2. Bhatia, H.L. (2018), History of Economic Thought, S Chand & Co Ltd.

**References:**

1. Amartya Sen (1982), Welfare and Measurement, Oxford University Press, New Delhi.
2. Gandhi, M.K. (1938), Economics of Village Industries, Navjivan Publishers, New Delhi.
3. T.N.Hajela, (2015), History of Economic Thought Ane Students Edition 18<sup>th</sup> Edition.

**Web resources:**

1. <https://www.hetwebsite.net/het/>
2. <https://thoughteconomics.com/>
3. <https://www.nobelprize/economic-sciences/>

**Pedagogy:** Teaching / Learning methods

Chalk and Talk, Lecture, Tutorial, Assignment, Quiz, Group Discussion, Seminar.

**Course Outcomes**

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

CO Number	CO Statement	Cognitive Level
<b>CO1</b>	Acquire knowledge on the subject matter of History of Economic Thought.	K1,K2
<b>CO2</b>	Understand the contributions of the Classical Ideas of Economics.	K1,K2
<b>CO3</b>	Describe Neo Classical and Institutional Economic Ideas	K1,K2,K4
<b>CO4</b>	Examine the Keynesian School and Modern Economic Ideas	K1,K2,K4
<b>CO5</b>	Understand the contribution of Nobel Laureates and Indian Economic Ideas	K1,K2,K8

**Cognitive Level: K1** - Remember; **K2** - Understanding; **K3** - Apply; **K4** - Analyze; **K5** – Evaluate; **K6** – Create

**Mapping of Course Outcomes with Programme Outcomes:**

<b>CO /PO</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>
<b>CO 1</b>	3	3	3	3	3	3	3	3
<b>CO 2</b>	3	3	3	3	3	3	3	3
<b>CO 3</b>	3	3	3	3	3	3	3	3
<b>CO 4</b>	3	3	3	3	2	3	3	3
<b>CO 5</b>	2	2	2	2	3	2	3	3

3 - Strongly Correlated; 2 - Moderately Correlated;  
1 - Weakly Correlated; 0 – No correlation

**Mapping of Course Outcomes with Programme Specific Outcomes:**

<b>CO /PSO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	3	3	3	2	2
<b>CO2</b>	3	3	3	2	2
<b>CO3</b>	3	3	3	3	3
<b>CO4</b>	3	3	2	2	2
<b>CO5</b>	3	3	3	3	3

3 - Strongly Correlated; 2 - Moderately Correlated;  
1 - Weakly Correlated; 0 – No correlation

Semester	Course Code	Course Title	Hours of Teaching / Cycle	No. of Credits
II	23U2ECA2	Allied- Economics of Health and Education (NS)	3	3

#### Nature of the Course

Relevant to local need		Employability oriented	√	Address professional Ethics	
Relevant to regional need	√	Entrepreneurship oriented		Addresses Gender Sensitization	
Relevant to national need	√	Skill development oriented	√	Addresses Environment and sustainability	√
Relevant to global need	√			Addresses Human Values	√

#### Course Objective

The main objectives of this course are:

- 1 . To relationship between Health and Education
- 2.To analyse the role of health in human development
- 3.To analyse the cost effectiveness in health.
- 4.To importance of education in economic development.

#### SYLLABUS

Unit	Content	No. of Hours
I	<b>Role of Health and Education in Human Capital Formation :-</b> Meaning and definitions of health and education - Relationship between health, education and human development - Concept of human capital formation - its role and importance in economic development - Indicators of human development.	09
II	<b>Health market and Health insurance :-</b> Health as a Good: Demand for and supply of healthcare - Determinants of health - Market failure in the health sector and its reasons: excludability and consumption rivalry, Tragedy of the Commons - Role of Health in Human Development - Health Insurance:l Private and Public health insurance - Health care system in India – Health insurance in India with a focus on Ayushman Bharat.	09
III	<b>Economic efficiency and Cost effectiveness in Health Care:-</b> Definition of Economic Evaluation - Types of economic evaluation - Costing techniques: Cost Minimization Analysis, Cost Benefit Analysis, Cost Utility Analysis, QALY & DALY, Cost Effectiveness Analysis and Willingness to Pay Approach - An overview of health policy and programmes in India including the Noon-meal Schemes for students	09

<b>IV</b>	<b>Education and Human Capital Formation:-</b> Role of Education in improving employment opportunities - Various indices to measure educational status: Education Index, Literacy rate, Adult Literacy Rate and Gross Enrolment ratio - Importance of Education in economic development - Education system in India.	<b>09</b>
<b>V</b>	<b>Education, Technology and Human Resource Development:-</b> Human capital formation and socio-economic development - Knowledge revolution and Knowledge economy - New Challenges in the field of education - Demographic dividend - Workforce: planning, training and skill development through education - The New Education Policy in India and its challenges.	<b>09</b>

**Textbook:**

1. Jay Bhattacharya, Timothy Hyde, Peter Tu. Health Economics, Palgrave MacMillan.
2. Jack, William (1999), Principles of Health Economics for Developing Countries. World Bank Publications.

**Reference:**

1. Gary S. Becker, Human Capital: A Theoretical and Empirical Analysis with Special Reference To Education, Third Edition, The University Of Chicago Press.
2. World Development Report (1993), Investing in Health, The World Bank,
3. Folland, Goodman, and Stano (FSG). The Economics of Health and Health Care. 5 th Edition. Pearson Prentice Hall Press
4. Kishor, Sunita and Gupta, Kamla (2009), National Family Health Survey 2005-06: Gender Equality and Women’s Empowerment in India. Handbook of Contemporary Education Economics, 2nd edition, ISBN: 978 1 78536 906 3
5. Laxmi Devi (ed.) (1997), Economics of Education, Anmol Publications-New Delhi

**Web resources:**

1. <https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwjI4KeSh>
2. <https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwjI4KeSh>
3. <https://link.springer.com/content/pdf/bfm:978-1-349-1>

**Pedagogy:** Teaching / Learning methods Lecture, Tutorial, Assignment, PPT presentation, Quiz, Group Discussion, e-content Seminar etc.

**Course Outcomes**

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

<b>CO Number</b>	<b>CO Statement</b>	<b>Cognitive Level</b>
<b>CO1</b>	recognize the subjects of health and education by understanding their importance in economic and human development.	<b>K1,K2</b>
<b>CO2</b>	associate economic principles and theories in interpreting the supply and demand of health care and education	<b>K2,K3</b>
<b>CO3</b>	illustrate the methods of measuring programmes and interventions in the fields of health and education	<b>K3,</b>
<b>CO4</b>	analyse the policies related to health and education with a special focus on Ayushman Bharat and the New Education Policy of India	<b>K4,K5,</b>

<b>CO5</b>	point out the relationship between health and education, their application in human resource development and environmental sustainability.	<b>K4,K5</b>
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**Cognitive Level: K1 - Remember; K2 - Understanding; K3 - Apply; K4 - Analyze; K5 – Evaluate; K6 – Create**

**Mapping of Course Outcomes with Programme Outcomes**

<b>PO</b> <b>CO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>
<b>CO1</b>	2	3	3	2	3	3	2	3
<b>CO2</b>	3	3	3	3	3	2	3	3
<b>CO3</b>	3	2	3	2	2	3	2	2
<b>CO4</b>	3	3	3	3	3	2	3	3
<b>CO5</b>	3	3	3	2	3	3	2	3

**3-Strongly Correlated; 2-Moderately Correlated;  
2- Weakly Correlated; 0-No Correlation**

**Mapping of Course Outcomes with Programme Specific Outcomes**

<b>PSO</b> <b>CO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	3	2	2	3	2
<b>CO2</b>	3	3	3	3	3
<b>CO3</b>	3	2	3	3	2
<b>CO4</b>	3	3	2	2	2
<b>CO5</b>	3	3	3	3	2

**3-Strongly Correlated; 2-Moderately Correlated;  
1.Weakly Correlated; 0-No Correlation**

Semester	Course Code	Course Title	Hours of Teaching / Cycle	No. of Credits
II	23U2ECA3	Allied - Statistics For Economists – II	5	3

#### Nature of the course

Relevant to Local need		Employability Oriented	√	Addresses Professional Ethics	
Relevant to national need	√	Entrepreneurship Oriented		Addresses Gender Sensitization	
Relevant to regional need	√	Skill development Oriented	√	Addresses Environment and Sustainability	
Relevant to Global need	√			Addresses Human Values	

#### Course Objectives

The main objectives of this course are:

- 1.To study the nature, scope, uses and limitations of statistics.
- 2.To enable the students of Economics to know the various sources of data collection
3. To make the students to learn the basic and elementary tools in statistics such as different types averages.
- 4.To know the measures of skewness.
- 5.To study the uses of dispersion and the different types.

Unit	Content	No. of Hours
I	<b>Index Numbers</b> Index Numbers –Methods –Un weighted and Weighted Index Numbers – Aggregate and Relative Index Numbers–Chain and Fixed based Index Numbers–Test of Adequacy of Index Numbers–Wholesale Price Index Consumer Price Index–Cost of Living Index.	15
II	<b>Time Series Analysis</b> Definition– Components and Measurement– Graphic Method - Methods of Semi Average, Moving Averages and Method of Least Squares – Uses of Time Series Analysis.	15
III	<b>Theory of Probability</b> Key Concepts of Probability – Importance – Theorems of Probability: Addition, Multiplication and Bayes' Theorem - Discrete and Continuous Random Variables – Theoretical Distributions – Binomial, Poisson and Normal – Properties- Uses and Applications.	15
IV	<b>Sampling</b> Sampling – Census and Sample Method – Theoretical Basis of Sampling – Methods of sampling – Random and Non –Random Sampling - Size of Sample – Merits and Limitations of Sampling – Sampling and Non- Sampling Errors.	15

<b>V</b>	<b>Testing of Hypothesis</b> Hypothesis Testing – Meaning, Types, Sources and Functions of Hypothesis – Test: Null and Alternative Hypothesis – Type – I and Type – II Errors– ‘t’ Test – Paired ‘t’-test – Chi –Square test, ‘F’ test –Analysis of Variance - One way and Two-way ANOVA.	15
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**Textbook:**

1. S.P Gupta, (2017) “Statistical Methods”, Sultan Chand & Sons.
2. Anderson, Sweeney and Williams(2012), “Statistics for Business and Economics Cengage,2012.

**References:**

1. Anderson, David Ray, “Statistics for Business and Economics”, South-Western Pub,2001.
2. Sancheti and KaKor, Statistics, (2015) Sultan & Sons New Delhi.
3. Gupta S.C. Statistical Methods (2015) Sultan & sons New Delhi.

**Web resources:**

1. <https://stattrek.com/statistics/resources>
2. <https://www.cuemath.com/data/f-test/>
3. <https://www.statistics.com/>

**Pedagogy:** Teaching / Learning methods

Chalk and Talk, Lecture, Tutorial, Assignment, Quiz, Group Discussion, Seminar.

**Course Outcomes**

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

CO Number	CO Statement	Cognitive Level
CO1	Gain Knowledge on the Index Numbers	K1, K2,K3
CO2	Analyze the importance of Time Series Data and its measurement	K1,K2,K3
CO3	Understand the concept of Probability	K2
CO4	Identify the various Sampling Methods	K1, K2
CO5	Acquire Knowledge on Hypothesis Testing	K2,K3,K7,K8

**Cognitive Level:** K1 - Remember; K2 - Understanding; K3 - Apply; K4 - Analyze;

K5 – Evaluate; K6 – Create

**Mapping of Course Outcomes with Programme Outcomes**

CO/PO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	3	3	3	3	3	3	3	3
CO 2	3	3	3	3	3	3	3	3
CO 3	3	3	3	3	3	3	3	3
CO 4	3	3	3	3	2	3	2	3
CO 5	3	2	2	2	3	2	3	3

3 - Strongly Correlated; 2 - Moderately Correlated;

1 - Weakly Correlated; 0 – No correlation

**Mapping of Course Outcomes with Programme Specific Outcomes**

CO /PSO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3

3 - Strongly Correlated; 2 - Moderately Correlated;

1 - Weakly Correlated; 0 – No correlation

Semester	Subject Code	Title Of The Paper	Hours Of Teaching/ Week	No. of Credits
<b>III</b>	<b>23U3ECT3</b>	<b>வாதுத் தமிழ் - 3</b>	<b>6</b>	<b>3</b>

### Nature of the Course

1. Employability Oriented வேலை வாய்ப்புச் சார்ந்தது		7. Addresses Professional Ethics தொழில் நெறிமுறைகளை நிறைவு செய்தல்	✓
2. Entrepreneurship Oriented தொழில் முனைவு சார்ந்தது		8. Relevent To Local Need உள்ளூர் தேவைகளோடு தொடர்புடையது	✓
3. Skill Development Oriented திறன்மேம்பாடு சார்ந்தது	✓	9. Relevent To Regional Need மண்டல அளவிலான தேவைகளோடு தொடர்புடையது	
4. Addresses Gender Sensitization பாலின உணர்வின் பூர்த்தி செய்தல்		10. Relevent To National Need தேசிய அளவிலான தேவைகளோடு தொடர்புடையது	
5. Addresses Environment and Sustainability சுற்றுச் சூழல் மற்றும் நிலைத் தன்மை நிறைவு செய்தல்		11. Relevent To Global Development Need உலக அளவிலான தேவைகளோடு தொடர்புடையது	
6. Addresses Human Values மனித மதிப்புகளை நிறைவு செய்தல்	✓		

### Course Objectives

<p>1. இலக்கியங்களின் சிறப்பினை உணர்த்துதல்.</p> <p>2. காலந்தோறும் எழுந்த காப்பியங்களின் போக்கையும், புதினத்தின் இலக்கிய வடிவத்தை மாணவர்கள் உணருமாறு செய்தல்.</p> <p>3. யாப்பு, அணி போன்ற இலக்கிய வகைகளையும் மொழி பெயர்ப்புத் திறனையும் மாணவர்கள் உணருமாறு செய்தல்.</p> <p>4. தமிழ் இலக்கியம் சார்ந்த போட்டித் தேர்வுகளுக்கு ஏற்பக் கற்பித்தல் நடைமுறைகளை மேற்கொள்ளுதல்.</p>
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Unit	Details	Hours
<b>Unit-I</b>	<p>பெருங்காப்பியங்கள்</p> <p>1. சிலப்பதிகாரம் - வழக்குரைகாதை-இளங்கோவடிகள்</p> <p>2. மணிமேகலை ஆதிரை பிச்சையிட்ட காதை சீத்தலைச்சாத்தனார்</p> <p>3. சீவகசிந்தாமணி - பூமகள் இலம்பகம் திருத்தக்கதேவர்</p> <p>4. வளையாபதி—நாதகுத்தனார் (முழுவதும்)</p>	<b>18 Hrs</b>
<b>Unit-II</b>	<p>சமயக் காப்பியங்கள்</p> <p>1. பெரியபுராணம் - பூசலார் நாயனார்புராணம்-சேக்கிழார்</p> <p>2. கம்பராமாயணம்- மந்தரை சூழ்ச்சிப் படலம்-கம்பர்</p> <p>3. வில்லிபாரதம் - மற்போர் சருக்கம்-வில்லிப்புத்தூராழ்வார்</p> <p>4. சீறாப்புராணம் - புலி வசனித்த படலம்-உற்றுப்புலவர்</p>	<b>18 Hrs</b>



<b>Unit-III</b>	புதினம் 1.வஞ்சிமாநகரம் (வரலாற்றுப் புதினம்) -நா. பார்த்தசாரதி	<b>18 Hrs</b>
<b>Unit-IV</b>	1.பாடம் தழுவிய இலக்கிய வரலாறு 2.குரல் கொடுக்கும் வானம்பாடி - கேட்டிவி	<b>18 Hrs</b>
<b>Unit-V</b>	மொழித்திறன்/போட்டித் தேர்வுத் திறன் 1. நூல் மதிப்புரை 2. திறனாய்வு செய்தல் 3. கடிதம் வரைதல் 4. விண்ணப்பம் எழுதுதல்	<b>18 Hrs</b>

<b>CO Number</b>	<b>CO Statement</b>	<b>Cognitive Level</b>
<b>CO1</b>	காப்பியங்கள் அறிமுகப்படுத்தப்படுவதால் தமிழ் மொழியின் உயர்வையும் சிறப்பையும் உணர்தல்.	<b>K1, K2</b>
<b>CO2</b>	தமிழ்ப் புதினங்களின்வழி சமகாலப் படைப்புகளின் வாழ்வியல் சிந்தனைகளை அறிந்து கொள்வார்.	<b>K2</b>
<b>CO3</b>	நாவல் இலக்கியம் அறிமுகப்படுத்தப்படுவதால் சிந்தனை ஆற்றல், படைப்பாற்றல், கற்பனைத்திறன் வளர்தல்.	<b>K4</b>
<b>CO4</b>	யாப்பு, அணி இலக்கணங்கள், மொழிபெயர்ப்புத்திறன் ஆகியவற்றைக் கற்பதன் மூலம் போட்டித் தேர்வுகளை எதிர் கொள்ளுதல்.	<b>K3</b>
<b>CO5</b>	காப்பியங்கள் அறிமுகப்படுத்தப்படுவதால் தமிழ் மொழியின் உயர்வையும் சிறப்பையும் உணர்தல்.	<b>K4</b>

### Text Books

1. தமிழ் இலக்கிய வரலாறு -செம்பதிப்பு- பெ.சுபாஷ் சந்திரபோஸ்  
**பார்வை நூல்கள்**

1. தமிழ் இலக்கிய வரலாறு - சிற்பி.பாலசுப்பிரமணியன்
2. புதிய நோக்கில் தமிழ் இலக்கிய வரலாறு - தமிழண்ணல்
3. வகைமை நோக்கில் தமிழ் இலக்கிய வரலாறு - எஃப்.பாக்கியமேரி

### Web Resources

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

1. Tamil Heritage Foundation- [www.tamilheritage.org](http://www.tamilheritage.org) <<http://www.tamilheritage.org>> Tamil virtual University Library-
2. [www.tamilvu.org/ library](http://www.tamilvu.org/library)
3. <http://www.virtualvu.org/library> Project Madurai - [www.projectmadurai.org](http://www.projectmadurai.org).
4. Chennai Library- [www.chennai.library.com](http://www.chennai.library.com) <<http://www.chennai.library.com>>.
5. Tamil Universal Digital Library- [www.ulib.prg](http://www.ulib.prg) <<http://www.ulib.prg>>.
6. Tamil E-Books Downloads- [tamale books downloads. blogspot.com](http://tamalebooksdownloads.blogspot.com)
7. Tamil Books on line- [books. tamil cube.com](http://books.tamilcube.com)
8. Catalogue of the Tamil books in the Library of British Congress archive.org
9. Tamil novels on line - [books.tamilcube.com](http://books.tamilcube.com)

<b>பொதுத்தமிழ் —3</b>												
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2
CLO1	3	2	3	3	3	2	2	2	3	2	3	2
CLO2	3	3	2	2	2	3	2	3	2	3	2	2
CLO3	2	2	2	3	2	3	3	2	2	2	2	3
CLO4	3	2	2	2	3	2	3	3	2	3	3	3
CLO5	2	2	2	3	2	3	2	3	3	2	3	3

Semester	Course Code	Course Title	Hours of Teaching / Cycle	No. of Credits
<b>III</b>	<b>23U3ECE3</b>	<b>PART - II GENERAL ENGLISH</b>	<b>6</b>	<b>3</b>

<b>Learning Objectives</b>		
<b>LO1</b>	To make students realize the importance of resilience	
<b>LO2</b>	To enable them to become good decision makers	
<b>LO3</b>	To enable them to imbibe problem-solving skills	
<b>LO4</b>	To enable them to use tenses appropriately	
<b>LO5</b>	To help the student use English effectively at the work place.	
<b>Unit No.</b>	<b>Unit Title &amp;Text</b>	<b>No.of Periods for the Unit</b>
<b>I</b>	<b>ACTIVE LISTENING</b> <b>Short Story</b> Ina Grove–Akutagawa Ryunosuke Translated from Japanese by TakashiKojima The Gift of the Magi – O’ Henry <b>Prose</b> Listening – Robin Sharma Nobel Prize Acceptance Speech –Wangari Maathai	<b>20</b>
<b>II</b>	<b>INTERPERSONAL RELATIONSHIPS</b> <b>Prose</b> Telephone Conversation–Wole Soyinka Of Friendship – Francis Bacon <b>Songon (Motivational/ Narrative)</b> Ulysses–Alfred Lord Tennyson And Still IRise– MayaAngelou	<b>20</b>
<b>III</b>	<b>COPING WITH STRESS</b> <b>Poem</b> Leisure– W.H. Davies Anxiety Monster– RhonaMcFerran <b>Readers Theatre</b> The Forty Fortunes: A Tale of Iran Where there is a Will–Mahesh Dattani	<b>20</b>
<b>IV</b>	<b>Grammar</b> Phrasal Verb & Idioms Modals and Auxiliaries Verb Phrases–Gerund, Participle, Infinitive	<b>15</b>
<b>V</b>	<b>Composition/Writing Skills</b> Official Correspondence–Leave Letter, Letter of Application, Permission Letter Drafting Invitations Brochures for Programmes and Events	<b>15</b>

Course Outcomes		
<b>Course Outcomes</b>	On completion of this course, students will;	
<b>CO1</b>	Listen actively	PO1,PO7
<b>CO2</b>	Develop interpersonal relationship skills	PO1,PO2,PO10
<b>CO3</b>	Acquire self-confidence to cope with stress	PO4,PO6,PO9
<b>CO4</b>	Master grammar skills	PO4,PO5,PO6
<b>CO5</b>	Carryout business communication effectively	PO3,PO8

#### Text Books (Latest Editions)

<b>1</b>	Wangari Maathai–Nobel Lecture. Nobel Prize Outreach AB 2023.Jul 2023.
<b>2</b>	Mahesh Dattani,Where there is W ill. Penguin, 2013.
<b>3</b>	Martin Hewings, Advanced English Grammar, Cambridge University Press,2000
<b>4</b>	Essential English Grammar by Raymond Murphy

#### Web Resources

<b>1</b>	WangariMaathai–NobelLecture.NobelPrizeOutreachAB2023.Mon.17Jul 2023. <a href="https://www.nobelprize.org/prizes/peace/2004/maathai/lecture/">https://www.nobelprize.org/prizes/peace/2004/maathai/lecture/</a>
<b>2</b>	TelephoneConversation-Wole Soyinka <a href="https://www.k-state.edu/english/westmank/spring_00/SOYINKA.html">https://www.k-state.edu/english/westmank/spring_00/SOYINKA.html</a>
<b>3</b>	AnxietyMonster- RhonaMcFerran- <a href="http://www.poetrysoup.com">www.poetrysoup.com</a>

#### Mapping with Programme Outcomes:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
<b>CO1</b>	3	3	3	3	3	3	3	2	3	2
<b>CO2</b>	2	3	3	3	2	3	3	2	2	2
<b>CO3</b>	3	3	3	2	3	3	3	2	3	2
<b>CO4</b>	3	3	3	3	3	3	3	2	2	2
<b>CO5</b>	3	2	3	3	3	3	3	2	2	3

3– Strong, 2– Medium, 1 -Low

#### Mapping with Programme Specific Outcomes:

CO /PO	PSO1	PSO2	PSO3	PSO4
<b>CO1</b>	3	3	3	3
<b>CO2</b>	3	3	3	3
<b>CO3</b>	3	3	3	3
<b>CO4</b>	3	3	3	3
<b>CO5</b>	3	3	3	3
<b>Weight age</b>	15	15	15	15
<b>Weighted percentage of Course Contribution to Pos</b>	3.0	3.0	3.0	3.0

Semester	Course Code	Course Title	Hours of Teaching / Cycle	No. of Credits
III	23U3ECC5	Macro Economics - I	5	5

#### Nature of the course

Relevant to Local need	√	Employability Oriented	√	Addresses Professional Ethics	
Relevant to national need	√	Entrepreneurship Oriented		Addresses Gender Sensitization	
Relevant to regional need	√	Skill development Oriented	√	Addresses Environment and Sustainability	
Relevant to Global need	√			Addresses Human Values	√

#### Course Objectives

The main objectives of this course are:

1. To understand the national income and its related concepts
2. To analyse the classical theory of full employment and its advantages
3. To illustrate the Keynesian under employment theory and its applications
4. To evaluate the theories of Consumption and its types
5. To impart students to understand inflation and its types

Unit	Content	No. of Hours
I	<b>National Income</b> National Income: Definition –Concepts: GDP,GNP and Per Capita Income- National Income Measurement: Expenditure, Income and Value Added Approaches- Real and Nominal GDP – National Income Accounting - GDP Deflator – Green GDP – Happiness Index - Circular Flow of Income and Expenditure	15
II	<b>Full Employment: Classical Theory</b> Introduction - Aggregate Demand and Aggregate Supply – Assumptions of Classical Theory – Say’s Law – Wage and Price Flexibility - Employment and Output determination in Classical Model -Three Ranges in Aggregate Supply (AS)Curve	15
III	<b>Under Employment: Keynesian Theory</b> Keynes’s Critique of Classical Theory – Involuntary Unemployment – Underemployment Equilibrium-Effective Demand–Components - Wage Rigidity – Liquidity Preference - Consumption Function: Meaning and Attributes - Investment – Marginal Efficiency of Capital-Multiplier.	18
IV	<b>Theories of Consumption</b> Keynesian Absolute Income Hypothesis – Duesenberry’s Relative Income Hypothesis – Friedman’s Permanent Income Hypothesis – Modigliani’s Life Cycle Hypothesis.	15
V	<b>Inflation</b> Inflation: Definition and Types -Demand Pull -Cost Push and Mark-up Inflation– Consumer Price Index – Wholesale Price Index – Producer Price Index – Headline and Core Inflation- Phillips Curve.	12

**Textbook:**

1. Paul Krugman and Robin Wells(2015) Macroeconomics Worth Publisher
2. H.L. Ahuja, Macro Economics: Theory and Policy S.Chand, 2016

**References:**

1. Parkin, M., 2014. Macro Economics. 11<sup>th</sup> Edition. Essex: Pearson
2. Blanchard, Olivier and David R. Johnson (2013) Macroeconomics, Pearson.
3. Mueller, M.G. (Ed.) (1978), Readings in Macroeconomics, Surjeet Publications, New Delhi

**Web resources:**

1. <http://www2.econ.iastate.edu/tesfatsi/sources.htm>
2. <https://www.khanacademy.org/economics-finance-domain/macroeconomics>
3. <https://www.econlib.org>

**Pedagogy:** Teaching / Learning methods

Chalk and Talk, Lecture, Tutorial, Assignment, Quiz, Group Discussion, Seminar.

**Course Outcomes**

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

CO Number	CO Statement	Cognitive Level
CO1	Understand the structure of Macroeconomics and the Concept of GDP	K1,K2,K3
CO2	Outline the concepts in Classical Theory of Employment	K1,K2
CO3	Analyse the Keynesian Underemployment Theory	K1,K2
CO4	Examine the theories of Consumption Function	K1,K2, K3
CO5	Understand the types and the impact of Inflation on Economies	K2,K3,K8

**Cognitive Level:** K1 - Remember; K2 - Understanding; K3 - Apply; K4 - Analyze; K5 – Evaluate; K6 – Create

**Mapping of Course Outcomes with Programme Outcomes**

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	3	3	3	3	3	3	3
CO2	3	3	3	3	3	3	3
CO3	3	2	3	2	2	3	3
CO4	3	3	3	3	3	2	3
CO5	3	3	3	3	3	3	3

3 - Strongly Correlated; 2 - Moderately Correlated;

1 - Weakly Correlated; 0 – No correlation

**Mapping of Course Outcomes with Programme Specific Outcomes**

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

3 - Strongly Correlated; 2 - Moderately Correlated;

1 - Weakly Correlated; 0 – No correlation

Semester	Course Code	Course Title	Hours of Teaching / Cycle	No. of Credits
III	23U3ECC6	Mathematics for Economics	5	4

#### Nature of the course

Relevant to Local need		Employability Oriented	✓	Addresses Professional Ethics	
Relevant to national need	✓	Entrepreneurship Oriented		Addresses Gender Sensitization	
Relevant to regional need		Skill development Oriented		Addresses Environment and Sustainability	
Relevant to Global need	✓		✓	Addresses Human Values	

#### Course Objectives

The main objectives of this course are to:

1. Integrate the concepts of Economics with Mathematical tools.
2. Use Matrices to find solutions in Economics.
3. Apply the applications of Matrix algebra and its uses.
4. Know the differentiation and its function.
5. Understand the second order derivatives and its maximini function.

#### SYLLABUS

Unit	Content	No. of Hours
I	Introduction Variables, Constants, Equations and its types – Uses and limitations of Mathematics in Economics- Functions of one or more variables – Linear function, Parabola, Rectangular Hyperbola-Exponential, Logarithmic, Power function and Homogenous Function – Applications in Economics.	12
II	Matrix Algebra and Determinants Types of Matrices- Matrix Operations – Addition – Subtraction- Matrix Multiplication – Transpose – Determinants, Inverse and Properties (Problems).	15
III	Applications of Matrix Algebra Solving a system of Linear Equations – Cramer’s Rule and Matrix Inverse Method- Leontief’s Input-Output Model – Open and Closed Model- Components, Uses, and Limitations Hawkins – Simon Conditions for Viability of Input and Output Model (Problems).	18
IV	Differentiation Limits and Continuity –Differentiability of a Function – Slope of a Curve – Increasing and Decreasing Functions – Rules Exponential and Logarithmic Functions -Implicit Differentiation– Economic Applications: Marginal and Elasticity Concepts – Relationship between AR, MR, and Price Elasticity of Demand – Relationship Between Average and Marginal Cost.	15
V	Optimization (Single Variable) Second Order Derivatives–Maximization	15

	and Minimization of a Function– Economic Applications – Output and Revenue Maximization -Cost Minimization – Profit Maximization under Perfect Competition, Monopoly, Discriminating Monopoly (Problems).	
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**Textbook:**

1. Mehta and Madnani (2019) Mathematics for Economists Sultan Chand and Sons
2. Edward T. Dowling,(2002) “Mathematical Methods for Business and Economics”, Schaum’s Outline Series, 3rd Edition, McGraw Hill
3. Renshaw Geoff, (2005) Maths for Economics, 3rd Edition Oxford University Press, Oxford
4. Carl P Simon & Lawrence E. Blume,“Mathematics for Economists”, Published by W. W. Norton & Company,2010
5. Ian Jacques, “Mathematics for Economics and Business”, Pearson, 2018

**References:**

1. Chiang, A. C., Fundamental Methods of Mathematical Economics, McGraw-Hill, 1984
2. G. Hadley, Linear Algebra Addison – Wesley Publishing Company, 1977.
3. K. Sydsaeter and P Hammond, Mathematics for Economic Analysis, Pearson Educational Asia, Delhi 2002.
4. Mabett. Alan J Workout for Mathematics for Economist McMillan 1986.
5. R.G.D. Allen, Mathematical Analysis for Economists Macmillan and Co.Ltd.,2008

**Web resources:**

1. <https://www.coursera.org/learn/mathematics-for-economists>
2. <https://mitpress.mit.edu/9780262294805/mathematics-for-economics/>
3. <https://mitpress.mit.edu/9780262046626/mathematics-for-economics/>

**Pedagogy:** Teaching / Learning methods

Chalk and talk method, Seminar, Power point Presentation, Assignment, Class Tests, Slip tests.

**Course Outcomes**

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

CO Number	CO Statement	Cognitive Level
CO1	On successful completion of this course, students will be able to Understand Basic Concepts of Mathematics and its application in Economics.	K1, K3
CO2	Analyze the relevance of the Types of Matrices.	K2, K4
CO3	Calculate optimal values in the system of Equations and the importance of Input-Output Analysis.	K5, K2
CO4	Gain knowledge of the rules of Differentiation and its Economic Applications.	K1, K2, K3
CO5	To optimize single variable functions in Economics	K1, K2, K3

**Cognitive Level :** K1 - Remember; K2 - Understanding; K3 - Apply; K4 - Analyze; K5 – Evaluate; K6 – Create

**Mapping of Course Outcomes with Programme Outcomes**

<b>CO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>
<b>CO1</b>	3	3	3	3	3	3	3	3
<b>CO2</b>	3	3	3	3	3	3	3	3
<b>CO3</b>	3	3	3	3	3	3	3	3
<b>CO4</b>	3	3	3	3	2	3	3	3
<b>CO5</b>	3	2	3	3	3	3	3	3

3 - Strongly Correlated; 2 - Moderately Correlated;  
1 - Weakly Correlated; 0 – No correlation

**Mapping of Course Outcomes with Programme Specific Outcomes**

<b>CO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	3	3	2	2	2
<b>CO2</b>	3	3	2	2	2
<b>CO3</b>	3	3	2	2	3
<b>CO4</b>	3	3	3	2	3
<b>CO5</b>	2	2	3	3	3

3 - Strongly Correlated; 2 - Moderately Correlated;  
1 - Weakly Correlated; 0 – No correlation



Semester	Course Code	Course Title	Hours of Teaching / Cycle	No. of Credits
III	23U3ECA4	Allied - Fundamentals of Management	5	3

#### Nature of the course

Relevant to Local need		Employability Oriented	√	Addresses Professional Ethics	
Relevant to national need	√	Entrepreneurship Oriented		Addresses Gender Sensitization	
Relevant to regional need	√	Skill development Oriented		Addresses Environment and Sustainability	
Relevant to Global need	√			Addresses Human Values	

#### Course Objectives

The main objectives of this course are:

1. To provide students with the basic concepts of Management.
2. To probe the planning concepts and its objectives
3. To analyze the Organizational Levels in an Organization
4. To describes the motivation and satisfaction and its elements
5. To know the importance of Quality Checks.

#### SYLLABUS

Unit	Content	No. of Hours
I	<b>Introduction</b> Management– Definition-scope – Schools of Thought in Management- Levels of Management-Role and Functions of a Manager	15
II	<b>Planning</b> Planning: Concept, Objectives, Nature, Limitation, Process of planning, Importance, Forms, Techniques and Process of decision making.	15
III	<b>Organizational Levels</b> Types of Business Organizations – Structure- Span of Control – Departmentalization-Selection, Training and Development, Performance Management, Career Planning ,and Management	15
IV	<b>Directing</b> Creativity and Innovation – Motivation and Satisfaction – Organization Culture – Elements and Types of Culture – Managing Cultural Diversity.	15
V	<b>Controlling</b> Process of Controlling – Types of Control – Budgetary and non- budgetary, Control Techniques – Managing Productivity – Cost Control – Purchase Control –Maintenance Control – Quality Control – Planning Operations.	15

#### Textbook:

1. Ricky Griffin, “Fundamentals of Management”, Cengage Learning, (2016)
2. Tripathy PC & Reddy PN,(1999) “Principles of Management”, Tata McGraw Hill.

**References:**

1. Dr. C.B. Gupta and Dr. Shruti Mathur (2022) Management Principles and Applications, Scholar Tech Press
2. R.C Bhatiya, "Fundamentals of Management", S.K Kataria & Sons, 2013
3. L.M Prasad, "Principles and Practice of Management, 2021

**Web resources:**

1. <http://www.mim.ac.mw/books/Fundamentals%20of%20Management.pdf>
2. <https://theintactone.com/2019/09/18/fom-u1-topic-1-fundamentals-of-3-management-introduction-and-concepts/>
3. <https://rccmindore.com/wp-content/uploads/2015/06/Fundamentals-of-Management.pdf>

**Pedagogy:** Teaching / Learning methods

Chalk and Talk, Lecture, Tutorial, Assignment, Quiz, Group Discussion, Seminar.

**Course Outcomes**

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

CO Number	CO Statement	Cognitive Level
CO1	Understand the foundations and importance of Management.	PO1
CO2	Demonstrate an understanding of Planning	PO2, PO3
CO3	Analyze the organisational levels and Process of selection	PO1, PO2, PO3
CO4	Discuss the relevance of Organizational Culture	PO1, PO2,
CO5	Examine the importance of quality control	PO4

**Cognitive Level: K1** - Remember; **K2** - Understanding; **K3** - Apply; **K4** - Analyze; **K5** - Evaluate; **K6** - Create

**Mapping of Course Outcomes with Programme Outcomes**

CO/PO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	3	3	3	3	3	3	3	3
CO 2	3	3	3	3	3	3	3	3
CO 3	3	3	3	3	3	3	3	3
CO 4	3	3	3	3	2	3	3	3
CO 5	3	2	3	2	3	2	3	3

3 - Strongly Correlated; 2 - Moderately Correlated;  
1 - Weakly Correlated; 0 - No correlation

**Mapping of Course Outcomes with Programme Specific Outcomes**

CO /PSO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	2	2
CO2	3	3	3	2	3
CO3	3	3	3	2	3
CO4	3	3	2	2	2
CO5	3	3	3	3	3

3 - Strongly Correlated; 2 - Moderately Correlated;  
1 - Weakly Correlated; 0 - No correlation

Semester	Course Code	Course Title	Hours of Teaching / Cycle	No. of Credits
III & IV	23U4ECA5	Allied-Principles of Marketing (NS)	3	-

**Nature of the course**

Relevant to Local need	√	Employability Oriented	√	Addresses Professional Ethics	√
Relevant to national need	√	Entrepreneurship Oriented		Addresses Gender Sensitization	
Relevant to regional need	√	Skill development Oriented	√	Addresses Environment and Sustainability	
Relevant to Global need	√			Addresses Human Values	√

**Course Objectives**

The main objectives of this course are :

1. To assess the nature and scope of marketing and its functions.
2. To understand the buying behavior and market segmentation with consumer protection act.
3. To know the product, pricing decisions and pricing of new products .
4. To reveals the distribution and promotions decisions its types and methods.
4. To analyse the marketing technique and marketing services.

Unit	Content	No. of Hours
I	<b>Introduction Marketing:</b> Definition, Nature and Scope – Marketing Functions– Modern Concept of Marketing– Classification of Markets – Buying – Transportation – Warehousing – Standardization- Grading.	09
II	<b>Buying Behaviour and Market Segmentation;</b> Buying Behaviour– Classification - Buying Decision Process– Buying Motives – Consumer Protection Act 1986 and Latest Amendments- Market Segmentation: Concept and Methods - Product Differentiation Vs. Market Segmentation - Marketing Mix	09
III	<b>Product and Pricing Decisions Product:</b> Meaning and Classification - Product Mix –Branding Brand Decisions – Packaging and Labelling – Product Support-Product Life Cycle - New Product Development -Pricing Objectives-Pricing Policies and Strategies – Pricing of New Products	09
IV	<b>Distribution and Promotion Decisions Channels of Distribution:</b> Meaning and Importance - Wholesaling and Retailing – Promotional Methods – Promotion Mix – Advertising: Objectives, Characteristics and Types of Advertising Mediums - Publicity – Personal Selling: Importance and Process - Sales Promotion and Distinctive Characteristics.	09
V	<b>Modern Marketing Techniques Modern Marketing–</b> Direct Marketing– Social Marketing Relationship Marketing– E- Marketing - Green Marketing – Marketing of Industrial and Consumer Products –Marketing of Services – Marketing of Agricultural Products –Market Information System (MIS)	09

**Textbook:**

1. Dr.Rajan Nair.(2020) ,Marketing, Sultan Chand and Sons.
2. Philip Kotler, (2016), Marketing: An Introduction, Asia Pacific Holding Private Limited

3. Karunakaran K (2011) Marketing Management (Text and Cases in Indian Context), Himalaya Publishing House Mumbai
4. Seema Gupta (2022) Digital Marketing 3rd Edition McGraw Hill
5. Gary M. Armstrong, Stewart Adam, Sara Marion Denize, Michael Volkov, Philip Kotler, "Principles of Marketing", Pearson, 2017

**Web resources:**

1. <https://marketingland.com>
2. <https://www.worldsupporter.org/en/chapter/41634-summary-principlesmarketing-kotler>

**Pedagogy:** Teaching / Learning methods

Lecture, Tutorial, Assignment, PPT presentation, Quiz, Group Discussion, e-content Seminar.

**Course Outcomes**

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

CO Number	CO Statement	Cognitive Level
CO1	Understand the Classification of Markets and Marketing Functions	K1,K2
CO2	Analyze the buying behaviour, Buying Decision Process and Understand Basic Theories, Consumer Protection Act, Product Differentiation and Marketing Mix	K3,K2
CO3	Understand the concept of Product Mix, Product life cycle, Pricing Policies and Pricing of New Products	K2K3
CO4	Describe the Channel of Distribution, Wholesaling, Retailing, Sales promotion and their distinctive characteristics	K1,K5
CO5	Evaluate the concepts of Modern Marketing and Elements.	K2,K6

**Cognitive Level:** K1 - Remember; K2 - Understanding; K3 - Apply; K4 - Analyze; K5 – Evaluate; K6 – Create

**Mapping of Course Outcomes with Programme Outcomes**

PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	P8
<del>CO</del>								
CO1	3	3	3	3	3	3	3	3
CO2	3	3	2	3	3	3	3	3
CO3	3	3	3	3	3	3	3	3
CO4	2	3	3	3	2	2	3	3
CO5	3	2	3	3	3	3	2	3

**3-Strongly Correlated; 2-Moderately Correlated;  
3- Weakly Correlated; 0-No Correlation**

**Mapping of Course Outcomes with Programme Specific Outcomes**

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

**3-Strongly Correlated; 2-Moderately Correlated;  
1-Weakly Correlated; 0- No Correlation**

Semester	Subject Code	Title Of The Paper	Hours Of Teaching/ Week	No. of Credits
<b>IV</b>	<b>23U4ECT4</b>	<b>வாதுத் தமிழ் - 4</b>	<b>6</b>	<b>3</b>

#### Nature of the Course

1. Employability Oriented வேலை வாய்ப்புச் சார்ந்தது		7. Addresses Professional Ethics தொழில் நெறிமுறைகளை நிறைவு செய்தல்	
2. Entrepreneurship Oriented தொழில் முனைவு சார்ந்தது		8. Relevent To Local Need உள்ளூர் தேவைகளோடு தொடர்புடையது	✓
3. Skill Development Oriented திறன்மேம்பாடு சார்ந்தது	✓	9. Relevent To Regional Need மண்டல அளவிலான தேவைகளோடு தொடர்புடையது	
4. Addresses Gender Sensitization பாலின உணர்திறன் பூர்த்தி செய்தல்		10. Relevent To National Need தேசிய அளவிலான தேவைகளோடு தொடர்புடையது	
5. Addresses Environment and Sustainability சுற்றுச் சூழல் மற்றும் நிலைத் தன்மை நிறைவு செய்தல்	✓	11. Relevent To Global Development Need உலக அளவிலான தேவைகளோடு தொடர்புடையது	
6. Addresses Human Values மனித மதிப்புகளை நிறைவு செய்தல்	✓		

#### Course Objectives

1. சங்க இலக்கியத்தின் சிறப்பையும், நாடகம் என்னும் இலக்கிய வகையின் தன்மையையும் அகத்திணை, புறத்திணை இலக்கணங்களையும் மாணவர்களுக்கு அறிமுகப்படுத்துதல்.
2. தமிழ் இலக்கியம் சார்ந்த போட்டித் தேர்வுகளுக்கு ஏற்பக் கற்பித்தல் நடைமுறைகளை மேற்கொள்ளுதல்.
3. சங்க இலக்கியத்தில் காணப்பெறும் வாழ்வியல் சிந்தனைகளை அறிந்து கொள்வார்.
4. தமிழின் தொன்மையையும், செம்மொழித் தகுதியையும் அறிந்து கொள்ளுதல்.

Unit	Details	Hours
<b>Unit-I</b>	எட்டுத்தொகை 1 நற்றிணை (10, 14, 16), குறுந்தொகை (16, 17, 19, 20, 25, 29, 38, 440 கலித்தொகை (38, 51), அகநானூறு (15, 33, 55), புறநானூறு (37, 86, 112), பரிபாடல் —55	<b>18 Hrs</b>
<b>Unit-II</b>	எட்டுத்தொகை 2 நெடுநல்வாடை-நக்கீரர்	<b>18 Hrs</b>
<b>Unit-III</b>	நாடகம் - சபாபதி-பம்மல் சம்பந்த முதலியார்	<b>18 Hrs</b>
<b>Unit-IV</b>	1. பாடம் தழுவிய இலக்கிய வரலாறு 2. பயணங்கள் தொடரும் - கேட்டிவி	<b>18 Hrs</b>

<b>Unit-V</b>	1. மொழிபெயர்ப்பு / கலைச்சொற்கள் 2. கொடுக்கப்பட்டுள்ள ஆங்கிலப்பகுதியைத் தமிழில் மொழிபெயர்த்தல் 3. அலுவலகத் கடிதம் - தமிழில் மொழிபெயர்த்தல்	<b>18 Hrs</b>
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CO Number	CO Statement	Cognitive Level
CO1	சங்க இலக்கியத்தில் காணப்பெறும் வாழ்வியல் சிந்தனைகளை அறிந்து கொள்வர்.	K1, K2
CO2	தமிழின் தொன்மையையும், செம்மொழித் தகுதியையும் அறிந்து கொள்ளுதல்.	K2
CO3	நாடக இலக்கியம் மூலம் நடிப்பாற்றலையும், கலைத்தன்மையையும், படைப்பாற்றலையும் வளர்த்தல்.	K4
CO4	தமிழிலிருந்து அலுவலகக் கடிதங்களை மொழிபெயர்க்கும் அறிவைப் பெறுவர்.	K3
CO5	மொழியறிவோடு வேலை வாய்ப்பினைப் பெறுதல்.	K4

### Text Books

1. தமிழ் இலக்கிய வரலாறு -செம்பதிப்பு- பெ.சுபாஷ் சந்திரபோஸ் பார்வை நூல்கள்.
2. தமிழ் இலக்கிய வரலாறு - சிற்பி.பாலசுப்பிரமணியன்.
3. புதிய நோக்கில் தமிழ் இலக்கிய வரலாறு - தமிழண்ணல்
4. வகைமை நோக்கில் தமிழ் இலக்கிய வரலாறு - எஃப்.பாக்கியமேரி

### Web Resources

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

1. Tamil Heritage Foundation- [www.tamilheritage.org](http://www.tamilheritage.org) <<http://www.tamilheritage.org>> Tamil virtual University Library-
2. [www.tamilvu.org/ library](http://www.tamilvu.org/library)
3. <http://www.virtualvu.org/library> Project Madurai - [www.projectmadurai.org](http://www.projectmadurai.org).
4. Chennai Library- [www.chennaiLibrary.com](http://www.chennaiLibrary.com) <<http://www.chennaiLibrary.com>>.
5. Tamil Universal Digital Library- [www.ulib.prg](http://www.ulib.prg) <<http://www.ulib.prg>>.
6. Tamil E-Books Downloads- [tamilebooks.com](http://tamilebooks.com) downloads. [blogspot.com](http://blogspot.com)
7. Tamil Books on line- [books.tamilcube.com](http://books.tamilcube.com)
8. Catalogue of the Tamil books in the Library of British Congress [archive.org](http://archive.org)
9. Tamil novels on line - [books.tamilcube.com](http://books.tamilcube.com)

பொதுத்தமிழ் —4												
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2
CLO1	3	2	3	3	3	2	2	2	3	2	3	2
CLO2	3	3	2	2	2	3	2	3	3	2	2	2
CLO3	3	2	3	3	2	2	2	3	2	3	3	2
CLO4	2	3	3	2	2	2	3	2	3	2	3	3
CLO5	3	3	2	2	2	3	3	2	2	2	3	3

Semester	Course Code	Course Title	Hours of Teaching / Cycle	No. of Credits
IV	23U4ECE4	<b>PART - II GENERAL ENGLISH</b>	<b>6</b>	<b>3</b>

<b>Learning Objectives</b>		
<b>LO1</b>	To make students realize the importance of resilience	
<b>LO2</b>	To enable them to become good decision makers	
<b>LO3</b>	To enable them to imbibe problem-solving skills	
<b>LO4</b>	To enable them to use tenses appropriately	
<b>LO5</b>	To help the use English effectively at the work place.	
<b>Unit No.</b>	<b>Unit Title &amp;Text</b>	<b>No.of Periods for the Unit</b>
<b>I</b>	<b>GOALSETTING(UNICEF)</b> <b>Life Story</b> From Chinese Cinderella–Adeline Yen Mah Why I Write- George Orwell <b>Short Essay</b> On Personal Mastery–Robin Sharma On the Love of Life – William Hazlitt	<b>20</b>
<b>II</b>	<b>INTEGRITY</b> <b>Short Story</b> The Taxi Driver – K.S. Duggal Kabuliwala - Rabindranath Tagore A Retrieved Reformation –O Henry <b>Extract from a play</b> The Quality of Mercy (Trial Scene from the Merchant of Venice - Shakespeare)	<b>20</b>
<b>III</b>	<b>COPING WITH EMOTIONS</b> <b>Poem</b> Pride – Dahlia Ravikovitch Phenomenal Woman – Maya Angelou <b>Reader’s Theatre</b> The Giant’s Wife A Tall Tale of Irel and–William Carleton The Princess and the God :A Tale of Ancient India	<b>20</b>
<b>IV</b>	<b>Language Competency Sentences</b> Simple Sentences Compound Sentences Complex Sentences <b>Direct and Indirect Speech</b>	<b>15</b>
<b>V</b>	<b>Report Writing</b> Narrative Report Newspaper Report <b>Drafting Speeches</b> Welcome Address Vote of Thanks	<b>15</b>

### Course Outcomes

Course Outcomes	On completion of this course, students will;	
CO1	Determine their goals	PO1,PO7
CO2	Identify the value of integrity.	PO1,PO2,PO10
CO3	Deal with emotions.	PO4,PO6,PO9
CO4	Frame grammatically correct sentences	PO4,PO5,PO6
CO5	Write cohesive reports.	PO3,PO8

### Text Books (Latest Editions)

1	Oxford Practice Grammar, John Eastwood, Oxford University Press
2	Cambridge Grammar of English, Ronald Carter and Michael McCarthy
3.	George Orwell Essays, Penguin Classics

### Web Resources

1	<a href="http://www.gradesaver.com/George-orwell-essays/study/summary">http://www.gradesaver.com/George-orwell-essays/study/summary</a>
2	O' Henry. A Retrieved Reformation. <a href="https://americanenglish.state.gov/files/ae/resource_files/a-retrieved-reformation.pdf">https://americanenglish.state.gov/files/ae/resource_files/a-retrieved-reformation.pdf</a>
	Maya Angelou. Phenomenal Woman. <a href="https://www.poetryfoundation.org/poems/48985/phenomenal-woman">https://www.poetryfoundation.org/poems/48985/phenomenal-woman</a>
3	TheQuality of Mercy, <a href="https://poemanalysis.com">https://poemanalysis.com</a>
4	<a href="https://www.oxfordscholarlyeditions.com/display/10.1093/actrade/9780199235742.book.1/actrade-9780199235742-div1-106-WilliamHazlitt">https://www.oxfordscholarlyeditions.com/display/10.1093/actrade/9780199235742.book.1/actrade-9780199235742-div1-106-WilliamHazlitt</a>

### Mapping with Programme Outcomes:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	3	3	3	3	3	3	3	2	3	2
CO2	2	3	3	3	2	3	3	2	2	2
CO3	3	3	3	2	3	3	3	2	3	2
CO4	3	3	3	3	3	3	3	2	2	2
CO5	3	2	3	3	3	3	3	2	2	3

3–Strong, 2–Medium, 1–Low

### Mapping with Programme Specific Outcomes:

CO /PO	PSO1	PSO2	PSO3	PSO4
CO1	3	3	3	3
CO2	3	3	3	3
CO3	3	3	3	3
CO4	3	3	3	3
CO5	3	3	3	3
Weight age	15	15	15	15
Weighted percentage of Course Contribution to Pos	3.0	3.0	3.0	3.0



Semester	Course Code	Course Title	Hours of Teaching / Cycle	No. of Credits
IV	23U4ECCIM	CIM - Industrial Economics	5	4

#### Nature of the Course

Relevant to local need		Employability oriented	√	Address professional Ethics	
Relevant to regional need	√	Entrepreneurship oriented		Addresses Gender Sensitization	
Relevant to national need	√	Skill development oriented	√	Addresses Environment and sustainability	√
Relevant to global need	√			Addresses Human Values	√

#### Course Objective

The main objectives of this course are:

- 1 . To discuss the Features, Performance and development issues of the Indian Economy
- 2 . To analyse the various theories of Industrial Location.
- 3 . To know the licensing policies and industrial sickness
- 4 . To describe the growth Patterns in Indian Industrial Sector.
- 5 . To observe the trends and prospects of industrial growth in India

#### SYLLABUS

Unit	Content	No. of Hours
I	<b>Introduction:</b> Nature and scope of Industrial Economics - History of Industrial Revolution -Digital Revolution -Classification of Industries: Public Sector, Private Sector and Public Private Partnerships- Large, MSMEs, Cottage Industries- Concept of Plant, Firm and Industry.	15 hrs
II	<b>Theories of Location:</b> Theories of Industrial Location - Weber - Sargent Florence - Factors Affecting Location-Localization -Globalization of Industries – Decentralization of Industries-Industrial Efficiency and Economic Efficiency- Measures of Concentration - Concentration ratio - Hirschman – Herfindahl Index	16 hrs
III	<b>Industrial Licensing and Policies Industrial Licensing:</b> – MRTP Act – Industrial Policies - Industrial Productivity -Capacity Utilization - Industrial Sickness- Mergers and Acquisitions – Profitability and Efficiency.	14 hrs
IV	<b>Industrial Regions of the World and India:</b> -Industrial Clusters in India-Sunrise Sector- Regional Backwardness Government Initiative	15 hrs
V	<b>Growth Trends in India Industrial Growth in India:</b> Trends and Prospects – Incentives to Promote Industrialization – Ease of Doing Business Ranking - MNCs in India -Special Economic Zones- FDI Policy- Make in India Initiative- National Manufacturing Policy	15 hrs

## Reference

1. John Weiss (2011) The Economics of Industrial Development, Routledge
2. Kuchhal, S. C. Industrial Economy of India, Chaitanya Publishing House, Allahabad (1980)
3. Dhingra I.C and Nitin Dhingra (2013) Industrial Economics Book Age Publications
4. Martin, S., (2001) Advanced Industrial Economics, 2nd Edition, Wiley Blackwell
5. Paul Belleflameet.l “The theory of Industrial Organisation- Markets and Strategies”, Cambridge University Press, 2012es:

## Web resources:

1. <https://www.india.gov.in/topics/industrie>
2. <https://business.mapsofindia.com/india-industry>
3. <https://dpiit.gov.in/>
4. <https://dri.nic.in/>
5. <https://msme.gov.in/>

## Pedagogy: Teaching / Learning methods:

Lecture, Tutorial, Assignment, PPT presentation, Quiz, Group Discussion, e-content Seminar

## Course Outcomes

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

CO Number	CO Statement	Cognitive Level
CO1	Understand the importance of Industrial Economic	K1,K2
CO2	Examine theories of industrial Location	K2,K3
CO3	Review the relevance of Industrial Policies	K3,K5
CO4	Describe the Industrial belts of the World and Indi	K5,K6
CO5	Analyse the Industrial Trends in the Indian Economy	K4,K5

**Cognitive Level:**K1 - Remember; K2 - Understanding; K3 - Apply; K4 - Analyze; K5 – Evaluate; K6 – Create

## Mapping of Course Outcomes with Programme Outcomes

PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO								
CO1	3	3	3	3	3	3	3	3
CO2	3	3	3	3	3	3	3	3
CO3	3	2	3	3	2	3	3	3
CO4	3	3	3	3	3	3	3	3
CO5	3	3	3	2	3	3	2	3

3-Strongly Correlated; 2-Moderately Correlated;  
4- Weakly Correlated; 0-No Correlation

## Mapping of Course Outcomes with Programme Specific Outcomes

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

3-Strongly Correlated; 2-Moderately Correlated;  
1. Weakly Correlated; 0-No Correlation

Semester	Course Code	Course Title	Hours of Teaching / Cycle	No. of Credits
IV	23U4ECC7	Macro Economics – II	5	4

#### Nature of the course

Relevant to local need		Employability oriented	√	Address professional Ethics	
Relevant to regional need	√	Entrepreneurship oriented		Addresses Gender Sensitization	
Relevant to national need	√	Skill development oriented	√	Addresses Environment and sustainability	√
Relevant to global need	√			Addresses Human Values	√

#### Course Objectives

The main objectives of this course are :

1. To understand the national income and its related concepts
2. To analyse the classical theory of full employment and its advantages
3. To illustrate the Keynesian under employment theory and its applications
4. To evaluate the theories of consumption and its types.
4. To impart students to understand inflation and its types.

SYLLABUS		
Unit	Content	No. of Hours
I	<b>IS-LM model:</b> Investment and interest rate – money demand, money supply and the interest rate – deriving the IS curve – shifting the IS curve – deriving the LM curve – shifting the LM curve.	15 hrs
II	<b>Monetary Policy:</b> Money – functions of money - instruments of monetary policy – money supply and money demand – the classical dichotomy – Keynesian theory of money demand – IS – LM model and monetary policy.	16 hrs
III	<b>Fiscal Policy:</b> Instruments of fiscal policy – classical theory and fiscal policy – Keynesian theory and fiscal policy – fiscal expansion – IS-LM model and fiscal policy – critique of fiscal policy.	14 hrs
IV	<b>Business Cycles:</b> -Phases of business cycle – macroeconomic variables and business cycles – classical theory and business cycles – Keynesian theory of business cycles.	15 hrs
V	<b>Growth:</b> Sources of growth – capital and growth – labour and growth – technology and growth – total factor productivity.	15 hrs

**Textbook:**

1. Mankiw Gregory (2017) Principles of Macroeconomics with coursemate, Books Express Publications.
2. Rudiger Dornbusch, Fischer Stanely, and Richard Startz (2000), Macro Economics, tata McGraw – Hill publishing company, New Delhi.

**Reference**

1. Ahuja H.L., (2016) Macroeconomics: Theory and Klicy. S. Chand
2. Mueller, M.G. (Ed.) (1978), Readings in Macro Economics, Surject Publications, New Delhi.
3. Roger E.A. Farmer (2002), Macro Economics, Thompson Asia Pvt. Ltd., Singapore.

**Web resources:**

1. <https://tradingeconomics.com>
2. <https://www.bu.edu/econ/files/2018/08/DLSI.pdf>.
3. <https://www.imf.org>

**Pedagogy:** Teaching / Learning methods:

Lecture, Tutorial, Assignment, PPT presentation, Quiz, Group Discussion, e-content Seminar

**Course Outcomes**

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

CO Number	CO Statement	Cognitive Level
CO1	Understand the IS-LM model	K1, K2
CO2	Learn the operation of theories of Business Cycles.	K2, K3
CO3	Analyze the com Knents of Money Supply and Demand.	K3, K4
CO4	Evaluate the effectiveness of Fiscal Klicy.	K3, K4
CO5	Understand Supply Side Economics.	K1, K2

**Cognitive Level:** K1 - Remember; K2 - Understanding; K3 - Apply; K4 - Analyze; K5 – Evaluate; K6 – Create

**Mapping of Course Outcomes with Programme Outcomes**

CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	3	3	3	3	3	3	3
CO2	3	3	3	3	3	3	3
CO3	3	2	3	2	2	3	3
CO4	3	3	3	3	3	2	3
CO5	3	3	3	3	3	3	3

3-Strongly Correlated; 2-Moderately Correlated;  
5- Weakly Correlated; 0-No Correlation

**Mapping of Course Outcomes with Programme Specific Outcomes**

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

3-Strongly Correlated; 2-Moderately Correlated;  
1.Weakly Correlated; 0-No Correlation

Semester	Course Code	Course Title	Hours of Teaching / Cycle	No. of Credits
III & IV	23U4ECA5	Allied-Principles of Marketing (NS)	3	3

#### Nature of the course

Relevant to local need		Employability oriented	√	Address professional Ethics	
Relevant to regional need	√	Entrepreneurship oriented		Addresses Gender Sensitization	
Relevant to national need	√	Skill development oriented	√	Addresses Environment and sustainability	√
Relevant to global need	√			Addresses Human Values	√

#### Course Objectives

The main objectives of this course are :

1. To assess the nature and scope of marketing and its functions.
2. To understand the buying behavior and market segmentation with consumer protection act.
3. To know the product, pricing decisions and pricing of new products .
4. To reveals the distribution and promotions decisions its types and methods.
4. To analyse the marketing technique and marketing services

SYLLABUS		
Unit	Content	No. of Hours
I	<b>Introduction Marketing:</b> Definition, Nature and Scope – Marketing Functions– Modern Concept of Marketing– Classification of Markets – Buying – Transportation – Warehousing – Standardization- Grading.	09
II	<b>Buying Behaviour and Market Segmentation;</b> Buying Behaviour– Classification - Buying Decision Process– Buying Motives – Consumer Protection Act 1986 and Latest Amendments- Market Segmentation: Concept and Methods - Product Differentiation Vs. Market Segmentation - Marketing Mix	09
III	<b>Product and Pricing Decisions Product:</b> Meaning and Classification - Product Mix –BrandingBrand Decisions – Packaging and Labelling – Product Support - Product Life Cycle - New Product Development -Pricing Objectives - Pricing Policies and Strategies – Pricing of New Products	09
IV	<b>Distribution and Promotion Decisions Channels of Distribution:</b> Meaning and Importance - Wholesaling and Retailing – Promotional Methods – Promotion Mix – Advertising: Objectives, Characteristics and Types of Advertising Mediums - Publicity – Personal Selling: Importance and Process - Sales Promotion and Distinctive Characteristics.	09

<b>V</b>	<b>Modern Marketing Techniques Modern Marketing</b> – Direct Marketing– Social Marketing Relationship Marketing– E- Marketing - Green Marketing – Marketing of Industrial and Consumer Products –Marketing of Services – Marketing of Agricultural Products –Market Information System (MIS)	09
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**Textbook:**

1. Dr.Rajan Nair.(2020) ,Marketing, Sultan Chand and Sons.
2. Philip Kotler, (2016), Marketing: An Introduction, Asia Pacific Holding Private Limited
3. Karunakaran K (2011) Marketing Management (Text and Cases in Indian Context), Himalaya Publishing House Mumbai
4. Seema Gupta (2022) Digital Marketing 3rd Edition McGraw Hill
5. Gary M. Armstrong, Stewart Adam, Sara Marion Denize, Michael Volkov, Philip Kotler, “Principles of Marketing”, Pearson, 2017

**References:**

1. Pillai, R.S.N and Bhagyathi (2010), Modern Marketing Principles and Practices. S Chand &CoLtd.,
2. Dr.C. B.Gupta ,Dr.N.Rajan Nair(2020), Marketing Management ,Sultan Chand &Sons.
3. Varshney,R.Land B. Bhattacharyya(2022), International Marketing Management, Sultan Chand and Sons.
4. Dr.C.B.Mamoria, Pradeep Jain, Priti Mitra,(2013)Theory and Practice of Marketing,KitabMahal
5. Sheena Iyengar(2011) The Art of Choosing ,Little Brown Book Group

**Web resources:**

1. <https://marketingland.com>
2. <https://www.worldsupporter.org/en/chapter/41634-summary-principlesmarketing-kotler>
3. <https://mailchimp.com/marketing-glossary/marketing-mix-7ps/>
4. <https://www.linkedin.com/learning/paths/become-an-online-marketing-manager>
5. <https://www.wordstream.com/learn>

**Pedagogy:**Teaching / Learning methods

Lecture, Tutorial, Assignment, PPT presentation, Quiz, Group Discussion, e-content Seminar.

**Course Outcomes**

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

CO Number	CO Statement	Cognitive Level
<b>CO1</b>	Understand the Classification of Markets and Marketing Functions	<b>K1,K2</b>
<b>CO2</b>	Analyze the buying behaviour, Buying Decision Process and Understand Basic Theories, Consumer Protection Act, Product Differentiation and Marketing Mix	<b>K3,K2</b>
<b>CO3</b>	Understand the concept of Product Mix, Product life cycle, Pricing Policies and Pricing of New Products	<b>K2K3</b>
<b>CO4</b>	Describe the Channel of Distribution, Wholesaling, Retailing, Sales promotion and their distinctive characteristics	<b>K1,K5</b>
<b>CO5</b>	Evaluate the concepts of Modern Marketing and Elements.	<b>K2,K6</b>

**Cognitive Level:**K1 - Remember; K2 - Understanding; K3 - Apply; K4 - Analyze; K5 – Evaluate; K6 – Create

### Mapping of Course Outcomes with Programme Outcomes

PO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	P8
CO1	3	3	3	3	3	3	3	3
CO2	3	3	2	3	3	3	3	3
CO3	3	3	3	3	3	3	3	3
CO4	2	3	3	3	2	2	3	3
CO5	3	2	3	3	3	3	2	3

**3-Strongly Correlated; 2-Moderately Correlated;  
1- Weakly Correlated; 0-No Correlation**

### Mapping of Course Outcomes with Programme Specific Outcomes

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

**3-Strongly Correlated; 2-Moderately Correlated;  
1-Weakly Correlated; 0- No Correlation**

Semester	Course Code	Course Title	Hours of Teaching / Cycle	No. of Credits
IV	23U4ECA6	Allied – Basic Accountancy	5	3

#### Nature of the course

Relevant to Local need	✓	Employability Oriented	✓	Addresses Professional Ethics	✓
Relevant to national need		Entrepreneurship Oriented	✓	Addresses Gender Sensitization	
Relevant to regional need	✓	Skill development Oriented	✓	Addresses Environment and Sustainability	
Relevant to Global need	✓			Addresses Human Values	✓

#### Course Objectives

The main objectives of this course are :

1. To provide an understanding on the basic concepts in Financial Accounting
2. To equipped with basic knowledge about Tally.
3. To describe the Final Accounts and Balance Sheet Adjustment
4. To understand the bank Reconciliation Statement and its uses.
5. To use the Tally Software and its applications

#### SYLLABUS

Unit	Content	No. of Hours
I	<b>Introduction to Accounting</b> Definition – Objectives – Functions- Advantages and Disadvantages- Single Entry Book Keeping and Double - Entry Book Keeping.	15
II	<b>Accounting -Books and Records</b> Journal – Ledger- Subsidiary Book- Cash Book- Trial Balance – Meaning- Methods of Preparation – Errors- Classification of Errors- Rectification of Errors.	15
III	<b>Final Accounts</b> Final Accounts- Preparation of Trading- Profit and Loss Account-Balance Sheet (Simple Adjustments).	15
IV	<b>Bank Reconciliation Statement</b> Bank Reconciliation Statement – Need - Meaning- Method of Preparation of Bank Reconciliation Statement	15



<b>V</b>	<b>Tally Software</b> Introduction to Accounting Package – Tally- Meaning, Features, Advantages, Data Entry, Formatting Data , Functional Keys and Simple Calculation- Tally: <b>(Theory for Exam)</b>	15
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**Textbook:**

1. Reddy. T.S and Hari Prasad Reddy. Y(2013) Financial and Management Accounting Margham Publications Chennai
2. Reddy .T.S Murthy(2012) Financial Accounting Margham Publications Chennai
3. Rajni Sofat Preeti Hiro, “Basic Accounting”, PHI Learning, 2010
4. Nishat Azmat, Andy Lymer, “Basic Accounting”, Mobius, 2016
5. John J. Wild, Barbara Chiappetta, Ken Shaw, “Fundamental Accounting Principles”, Mc Graw Hill, 2016

**References:**

1. Mukesh Mahajan, P.S.Gills, V.P.Sharma and H.S.Punia(2001), Fundamentals of Accountancy, Unistar Books, Chandigarh.
2. Sundeep Sharma (2004) Principles of Accounting, Shree Niwas Publication, Jaipur
3. Shukla M.C, T.S. Grawaland S.C. Gupta, (2018), Advanced Accounts, S.Chand and Company.
4. Maheshwari S.N and Suneel.K.Maheshwari, (2018), Financial Accounting Vikas Publishing House.

**Web resources:**

1. <https://www.accounting.com/resources/students/>
2. <https://icmai.in>.
3. <https://www.cipfa.org>
4. <https://www.accountingcoach.com/>
5. <https://www.youtube.com/watch?v=OItO9XwgHII>

**Pedagogy:** Teaching / Learning methods

Chalk and talk method, Seminar, Power point Presentation, Assignment, Class Tests, Slip tests.

**Course Outcomes**

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

CO Number	CO Statement	Cognitive Level
<b>CO1</b>	Understand the Basic Concepts of Accounting and prepare Book keeping.	<b>K2,K3</b>
<b>CO2</b>	Make Journal and Ledger and Categorize the various subsidiary books of accounts and identify & rectify errors	<b>K2,K5</b>
<b>CO3</b>	Prepare Profit and loss account and Balance Sheet	<b>K2,K4</b>
<b>CO4</b>	Tabulate Bank Reconciliation Statement.	<b>K5,K6</b>
<b>CO5</b>	Apply Tally Software Package in Accounting	<b>K4,K5</b>

**Cognitive Level:** **K1** - Remember; **K2** - Understanding; **K3** - Apply; **K4** - Analyze; **K5** – Evaluate; **K6** – Create

### Mapping of Course Outcomes with Programme Outcomes

<b>CO \ PO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>
<b>CO1</b>	3	3	3	3	3	3	3	3
<b>CO2</b>	3	3	3	3	3	3	3	3
<b>CO3</b>	3	3	3	3	3	3	3	3
<b>CO4</b>	3	3	3	3	2	3	3	3
<b>CO5</b>	3	2	3	3	3	3	3	3

3 - Strongly Correlated; 2 - Moderately Correlated;  
1 - Weakly Correlated; 0 – No correlation

### Mapping of Course Outcomes with Programme Specific Outcomes

<b>CO \ PSO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	3	3	3	2	3
<b>CO2</b>	3	3	2	3	2
<b>CO3</b>	3	3	2	3	3
<b>CO4</b>	3	3	3	2	3
<b>CO5</b>	3	3	3	3	3

3 - Strongly Correlated; 2 - Moderately Correlated;  
1 - Weakly Correlated; 0 – No correlation

Semester	Course Code	Course Title	Hours of Teaching / Cycle	No. of Credits
IV	23U4ECSEC1	Skill Enhancement Course - Digital Literacy in Economics	2	2

#### Nature of the course

Relevant to Local need	√	Employability Oriented	√	Addresses Professional Ethics	√
Relevant to national need	√	Entrepreneurship Oriented		Addresses Gender Sensitization	
Relevant to regional need		Skill development Oriented	√	Addresses Environment and Sustainability	
Relevant to Global need				Addresses Human Values	√

#### Course Objectives

The main objectives of this course are:

1. To designed to make the students to understand basic computer skills
2. To understand the basic concepts of computer system.
3. To prepare the students to search for jobs.

SYLLABUS		
Unit	Content	No. of Hours
I	<b>Basic of Computer</b> – Basic components and organization of a computer- History and generation of computer, Computer Software- Disk Operating System and Application software- Introduction to Internet - Important features - Setting up an Internet Connection Configuring a TCP/IP connection - Starting Internet - Uses - E-mail sending and receiving <b>Self-Study:</b> Classification of Computers	15
II	<b>Computer Office Automation:</b> Text editor and word processor, Operative familiarisation of MS WORD Concept & use of spread sheet, operation and use of MS – Excel Basic of Database, table records and fields, Data entry operating principle of MS-access; Document formation and presentation through MS-Power Point.	15

#### Textbook:

1. Sanjay Saxena -A first Course in Computer
2. R. Krishnamoorthy- Computer Programming and Application

**References:**

1. Subramanian.K - Computer Applications in Business
2. Harley Kahn - The Internet
3. Sintha, DH, computer today, Mc graw Hill ,Newyork

**Web resources:**

1. <https://in.indeed.com/career-advice/career-development/components-of-a-computer>
2. <https://old.amu.ac.in/emp/studym/100009609>.

**Pedagogy:** Teaching / Learning methods

Lecture, Tutorial, Assignment, PPT presentation, Quiz, Group Discussion.

**Course Outcomes**

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

CO Number	CO Statement	Cognitive Level
CO1	Improve the knowledge of students in computer and To encourage the students to acquire knowledge on the basic concepts of computer in economics	K2, K3
CO2	Enhance the practical knowledge for their employment purposes.	K3, K5

**Cognitive Level:** K1 - Remember; K2 - Understanding; K3 - Apply; K4 - Analyze; K5 – Evaluate; K6 – Create

**Mapping of Course Outcomes with Programme Outcomes**

CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	3	3	3	3	3
CO2	3	3	3	3	3	3	3	3

3 - Strongly Correlated; 2 - Moderately Correlated;  
1 - Weakly Correlated; 0 – No correlation

**Mapping of Course Outcomes with Programme Specific Outcomes**

CO \ PSO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3

3 - Strongly Correlated; 2 - Moderately Correlated;  
1 - Weakly Correlated; 0 – No correlation

Semester	Course Code	Course Title	Hours of Teaching / Cycle	No. of Credits
V	23U5ECC8	Monetary Economics	5	4

### Nature of the Course

Relevant to local need		Employability oriented	√	Address professional Ethics	
Relevant to regional need	√	Entrepreneurship oriented		Addresses Gender Sensitization	
Relevant to national need	√	Skill development oriented	√	Addresses Environment and sustainability	√
Relevant to global need	√			Addresses Human Values	√

### Course Objective

The main objectives of this course are :

1 .To understand the theories that governs and its application
2. To explains working of the Monetary System and its uses.
3. To know the Role of Commercial Banks after Nationalisation and its operations
4. To compare the monetarism and Keynesianism
5. To identify the role of central banks and its operation

### SYLLABUS

Unit	Content	No. of Hours
I	<b>Money:</b> Definition, functions, Importance-Forms of Money- Supply of Money (M1, M2, M3, M4)-Crypto Currencies.	15 hrs
II	<b>Demand for Money;</b> Demand for Money: Classical, Keynesian and Baumol's Inventory theoretic Approach- James Tobin's Portfolio Approach - Milton Friedman's Reformulated Quantity Theory.	15 hrs
III	<b>Monetarism Vs Keynesianism:</b> Monetarism Vs Keynesianism- Comparison-Determinants of Money Supply – Money Multiplier. Supply Side Policies of Inflation.	15 hrs
IV	<b>Commercial Banks:</b> Commercial Banks - Credit Creation – Role of Commercial Banks after Nationalisation- RBI's role in Commercial Banks - Narasimhan Committee Report.	15 hrs
V	<b>Monetary Stability and Central Bank Inflation and Deflation:</b> Definition, Types, Causes and Effects Demand-Pull and Cost-Push Inflation- Central Bank Functions - Reserve Bank of India (RBI) -Monetary Policy and its Operations in India.	15 hrs

### Textbook:

1. Gupta R.D. (1995), Keynes and Post Keynesian Economics, Kalyani Publishers, New Delhi.

2. Jhingan M. L. (2004), Monetary Economics, Konark Publication, New Delhi.
- 3 . Jagdish Handa, “Monetary Economics”, Talyor & Francis, 2008
- 4 . L. Blume, Steven Durlauf, “ Monetary Economics”, Palgrave Macmillan, 2016
5. Keith Bain, Peter Howells, “Monetary Economics:Policy and Its Theoretical Basis””, Macmillan, 2009.

**References:**

- 1 . Vaish M.C. (2004), Money, Banking and International Trade, New Age International (P) Ltd, NewDelhi.
2. Sundaram K.P.M. (1996), Money, banking and International Trade, Vikas, New Delhi.
3. Basil J. Moore (1965), An Introduction to the theory of Finance, Oxford University Press.
4. Sethi, T.T. (2003). Monetary Economics: S. Chand and Co., NeW Delh
5. Ghosh, B.N. and Rama Ghosh. (1989). Fundamentals of Monetary Economics, Himalaya Publishing House, Mumbai

**Web resources:**

1. [www.rbi.org.in](http://www.rbi.org.in)
2. <https://www.imf.org>
3. <https://www.oecd.org>
4. <https://www.bis.org/publ/work437.pdf>
5. <https://www.worldbank.org>

**Pedagogy:** Teaching / Learning method

Lecture, Tutorial, Assignment, PPT presentation, Quiz, Group Discussion, e-content Seminar etc.

**Course Outcomes**

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

<b>CO Number</b>	<b>CO Statement</b>	<b>Cognitive Level</b>
<b>CO1</b>	.Acquire knowledge of Money and its Functions.	<b>K2,K4</b>
<b>CO2</b>	Understand the Demand for Money and its Determinants	<b>K2,K6</b>
<b>CO3</b>	Acquire information on Supply of Money and its Determinants.	<b>K3,K5</b>
<b>CO4</b>	Understand operations of Commercial Banks and Money Multiplier.	<b>K5,K6</b>
<b>CO5</b>	Identify the Monetary Policy Implications.	<b>K4,K5</b>

**Cognitive Level: K1** - Remember; **K2** - Understanding; **K3** - Apply; **K4** - Analyze; **K5** – Evaluate; **K6** – Create

### Mapping of Course Outcomes with Programme Outcomes

CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	3	3	3	3	3
CO2	2	3	3	3	3	3	3	3
CO3	3	3	2	2	2	3	3	3
CO4	3	3	3	3	3	2	3	3
CO5	3	3	3	3	3	3	2	3

**3-Strongly Correlated; 2-Moderately Correlated;  
1- Weakly Correlated; 0-No Correlation**

### Mapping of Course Outcomes with Programme Specific Outcomes

CO \ PSO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	2	2	3	2
CO2	3	3	2	2	2
CO3	2	2	3	3	2
CO4	3	3	2	2	2
CO5	3	3	3	3	3

**3-Strongly Correlated; 2-Moderately Correlated;  
1. Weakly Correlated; 0-No Correlation**

Semester	Course Code	Course Title	Hours of Teaching / Cycle	No. of Credits
V	23U5ECC9	Fiscal Economics	5	4

#### Nature of the course

Relevant to Local need		Employability Oriented	√	Addresses Professional Ethics	√
Relevant to national need	√	Entrepreneurship Oriented		Addresses Gender Sensitization	
Relevant to regional need	√	Skill development Oriented		Addresses Environment and Sustainability	
Relevant to Global need	√			Addresses Human Values	

#### Course Objectives

The main objectives of this course are:

1. To enable students to acquire Knowledge on the various facets of Fiscal Economics.
2. To illustrates various theories of fiscal economics and its applications.
3. To describes the budget process and features of a good tax system.
4. To analyse the trends in public expenditure and debt management.
5. To evaluate the Budget of the Government of India, central and state relation.

#### SYLLABUS

Unit	Content	No. of Hours
I	<b>Introduction</b> Fiscal Economics: Nature, Scope, Objectives and Instruments -Major Fiscal Functions - Market Failure: Public Goods and Private Goods, Externalities, Efficiency Versus Equity- Principles of Functional Finance.	15
II	<b>Theories of Fiscal Economics and Policy</b> Principle of Maximum Social Advantage -The Benefit Approach- The Ability-to- Pay Approach-Equal Sacrifice Principle- Fiscal Policy and its Instruments.	15
III	<b>Budget and Taxation</b> Role of Government in a Modern Economy- Public Budget: Types and Structure - Taxation -Features of a Good Tax System- Direct and Indirect Taxes -Concept of Impact- Incidence and Shifting of Taxation-Elasticity and Determination of Tax Burden - Optimal Taxation.	15



<b>IV</b>	<b>Public Expenditure and Debt</b> Public Expenditure: Canons and Classification -Wagner’s Law of Public Expenditure- Public Debt: Meaning and Types, Burden of Public Debt- Principles of Public Debt Management– Deficit Financing.	15
<b>V</b>	<b>Indian Public Finance</b> Budget of the Government of India (Previous Financial Year)-Sources of Public Receipts (Tax and Non-Tax, GST and its Impacts)-Components of Public Expenditure-Sources of Public Borrowing and Debt Liabilities- Deficits-Appraisal of FRBM Act 2004- Fiscal Federalism: Centre and State Relations -Finance Commission Recommendations of Last 3 years.	15

**Textbook:**

1. Bhatia H.L., (2012), Public Finance, Vikas Publications.
2. Tyagi B.P and H.P.Singh(2018) “ Public Finance” Jai Prakash Nath & Co ,Meerut

**References:**

1. Harvey Rosen, (2005), Public Finance, Seventh Edition, McGraw Hill Publications.
2. Kaushik Basu and Maertens (Ed), (2013), The New Oxford Companion to Economics in India, Oxford University Press.
3. Sury M.M., (1990), Government Budgeting in India, Commonwealth Publishers.

**Web resources:**

1. <https://finmin.nic.in/>
2. <https://www.nipfp.org.in/>
3. <https://www.niti.gov.in/>

**Pedagogy:** Teaching / Learning methods

Chalk and Talk, Lecture, Tutorial, Assignment, Quiz, Group Discussion, Seminar.

**Course Outcomes**

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

CO Number	CO Statement	Cognitive Level
<b>CO1</b>	Understand the importance and Instruments of Fiscal Economics.	K1,K2
<b>CO2</b>	Evaluate the Principles and theories of Public Finance.	K2,K5
<b>CO3</b>	Analyze the Budget, Indian Tax System and Policy.	K2,K3,K4
<b>CO4</b>	Describe Classification, Laws of Public Expenditure and Public Debt.	K1,K2
<b>CO5</b>	Know the Indian Public Finance System and Policy Recommendations.	K1,K3,K6

**Cognitive Level: K1** - Remember; **K2** - Understanding; **K3** - Apply; **K4** - Analyze; **K5** – Evaluate; **K6** – Create

**Mapping of Course Outcomes with Programme Outcomes:**

<b>CO /PO</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>
<b>CO 1</b>	3	3	3	3	3	3	3	3
<b>CO 2</b>	3	3	3	3	3	3	3	3
<b>CO 3</b>	3	2	3	2	2	3	3	3
<b>CO 4</b>	3	3	3	3	3	2	3	3
<b>CO 5</b>	3	3	3	3	3	3	2	3

3 - Strongly Correlated; 2 - Moderately Correlated;  
1 - Weakly Correlated; 0 – No correlation

**Mapping of Course Outcomes with Programme Specific Outcomes:**

<b>CO /PSO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	3	3	3	3	3
<b>CO2</b>	2	2	3	3	2
<b>CO3</b>	3	3	3	2	3
<b>CO4</b>	2	2	2	2	1
<b>CO5</b>	3	3	2	3	2

3 - Strongly Correlated; 2 - Moderately Correlated;  
1 - Weakly Correlated; 0 – No correlation

Semester	Course Code	Course Title	Hours of Teaching / Cycle	No. of Credits
V	23U5ECC10	Environmental Economics	5	4

#### Nature of the course

Relevant to Local need	✓	Employability Oriented	✓	Addresses Professional Ethics	
Relevant to national need	✓	Entrepreneurship Oriented		Addresses Gender Sensitization	
Relevant to regional need	✓	Skill development Oriented		Addresses Environment and Sustainability	✓
Relevant to Global need	✓			Addresses Human Values	✓

#### Course Objectives

The main objectives of this course are:

1. To understand the theoretical basis of Environmental Economics.
2. To choose the relevant economic tools to improve Environmental Quality.
3. To describe the Environment as a Public Good and market failure theories.
4. To doctrine the various methods of environmental valuation and its uses.
5. To know the regulation of Pollution through Economic Instruments.

#### SYLLABUS

Unit	Content	No. of Hours
I	<b>Fundamentals of Environmental Economics</b> Definition, Scope and Significance - Environment – Economy Linkages – Material Balance Approach - Malthusian and Neoclassical perspective of Environment - Sustainable Development - Environment Kuznets Curve.	15
II	<b>Economics of Natural Resources</b> Classification of Natural Resources - Scarcity and Measurement - Economics of Exhaustible Resources - Economics of Renewable Resources.	15
III	<b>Market Failure</b> Environment as a Public Good - Tragedy of Commons-Externalities - Pigouvian Fee and Coase theorem on Property Rights.	12
IV	<b>Valuation of Environment</b> Total Economic Value-Contingent Valuation Method–Stated Preference - Travel Cost Model-Hedonic Pricing - Economics of Sustainable Development -Green Accounting–Ecological Footprint, Carbon Footprint, Ecological Shadow.	18
V	<b>Economics of Pollution Control</b> Optimal level of Pollution - Regulation of Pollution through Economic Instruments - Command and Control Approach.	15

**Textbook:**

1. Karpagam. M, (2017), Environmental Economics–Third Edition, Sterling Publication Pvt. Ltd, Noida.
2. Nick Hanley, Jason Shogren and Ben White, (2013), Introduction to Environmental Economics, Second Edition, Oxford University Press, Oxford.
3. Eugene .T Environmental Economics, Oxford University Press, New Delhi. (2014).
4. Hanley N, Shogren JF, White B “Environmental Economics in Theory and Practice”, 2nd Edition. Palgrave Macmillan, 2007
5. Kolstad, Charles D, (2000), Environmental Economics, New York: Oxford University Press.

**References:**

1. Maureen L. Cropper and Wallace E. Oates, “Environmental Economics: A Survey”, Journal of Economic Literature, Volume 30, 1992.
2. Barry C. Field, (1994)Environmental Economics: An Introduction, Singapore, McGraw-Hill.
3. Hussen, Ahmed.M.( 1999), Principles of Environmental Economics: Economics, Ecology and Public Sector. London: Routledge.
4. Dr.S.Sankaran(2012) Environmental Economics Margham Publications.

**Web resources:**

1. <https://unfccc.int/>
2. <https://www.undp.org/>
3. <http://moef.nic.in/>
4. <https://www.envis.nic.in>
5. <https://www.unep.org>

**Pedagogy:** Teaching / Learning methods

Lecture, Tutorial, Assignment, PPT presentation, Quiz, Group Discussion, e-content Seminar.

**Course Outcomes**

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

<b>CO Number</b>	<b>CO Statement</b>	<b>Cognitive Level</b>
	On successful completion of this course, students will be able to	
<b>CO1</b>	Have a better understanding of Environment-Economy Linkages.	<b>K1, K2, K5</b>
<b>CO2</b>	Apply environmental concepts to Economic Theories.	<b>K2, K3</b>
<b>CO3</b>	Create economic policies incorporating Environmental Issues.	<b>K5, K6</b>
<b>CO4</b>	Analyse the methods to value Environment Pollution.	<b>K2, K3</b>
<b>CO5</b>	Evaluate the need for reduction of Pollution.	<b>K2, K6</b>

**Cognitive Level :** **K1** - Remember; **K2** - Understanding; **K3** - Apply; **K4** - Analyze; **K5** – Evaluate; **K6** – Create

### Mapping of Course Outcomes with Programme Outcomes

<b>PO</b> <b>CO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>
<b>CO1</b>	3	3	3	3	3	3	3	3
<b>CO2</b>	3	3	3	3	3	3	3	3
<b>CO3</b>	3	2	3	2	2	3	3	3
<b>CO4</b>	3	3	3	3	3	2	3	3
<b>CO5</b>	3	3	3	3	3	3	2	3

3 - Strongly Correlated; 2 - Moderately Correlated;  
1 - Weakly Correlated; 0 – No correlation

### Mapping of Course Outcomes with Programme Specific Outcomes

<b>PSO</b> <b>CO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	3	3	2	2	3
<b>CO2</b>	3	3	2	2	3
<b>CO3</b>	3	3	2	3	3
<b>CO4</b>	2	3	2	3	3
<b>CO5</b>	3	3	2	3	3

3 - Strongly Correlated; 2 - Moderately Correlated;  
1 - Weakly Correlated; 0 – No correlation

Semester	Course Code	Course Title	Hours of Teaching / Cycle	No. of Credits
V	23U5ECEL1A	Major Elective – I Tamilnadu Economy	4	3

#### Nature of the course

Relevant to Local need	√	Employability Oriented	√	Addresses Professional Ethics	
Relevant to national need	√	Entrepreneurship Oriented		Addresses Gender Sensitization	
Relevant to regional need	√	Skill development Oriented	√	Addresses Environment and Sustainability	
Relevant to Global need	√			Addresses Human Values	√

#### Course Objectives

The main objectives of this course are:

1. To discuss the Features, Performance and development issues of Tamil Nadu Economy
2. To analyse the agricultural and industrial scenario in Tamil Nadu
3. To understand the industrial scenario in tamil nadu and its growth
4. To know the general performance of the tamilnadu
5. To describe the state finances and its development initiatives

SYLLABUS		
Unit	Content	No. of Hours
I	<b>Introduction</b> Tamil Nadu–Salient features–Geographical Features – Economic and Social Indicators –Human Development – Index Rank– Gender Disparity Index–Poverty Index –Work Participation Rate – Unemployment Rate – Literacy Rate– Life Expectancy – Demography and Occupational Patterns.	15
II	<b>Agriculture</b> Agriculture–Land Use Patterns– Cropping Pattern–Irrigation - Agricultural Marketing – Defects and Remedial measures – Agricultural Finance – Policy and Issues –Crop Insurance.	10
III	<b>Industry</b> Industrial Scenario in Tamil Nadu – Production Trends—Large Industries- MSMEs –Khadi and Village Industries – Export Contribution of top 5 Major Industries - Industrial Financial Institutions: THIC, SIDCO, SIPCOT, Industrial Estates-DIC, EPZ, SPZ, SEZ.	15

<b>IV</b>	<b>State Finances and Development Initiatives</b> State Finance – Revenue and Expenditure of the State – Tamil Nadu’s Recent Budget – Poverty Alleviation and Unemployment Programmes – Education and Health Care and State Welfare Programmes.	10
<b>V</b>	<b>General Performance of the State</b> Tourism and Medical Tourism – Women Empowerment Programme – Self Help Groups and Micro Finance- MahalirThittam - Environmental Protection Measures.	10

**Textbook:**

1. Leonard A.G,S.J, (2006), Tamil Nadu Economy, Macmillan India Ltd, New Delhi
2. Naganathan M (2002), Tamil Nadu Economy: Trends and Prospects,(ed.), University of Madras.

**References:**

- 1.Veeramani A.R., Tamil Nadu Agricultural Economy, Divyasre Publication,2015
2. Manickam.S, (2010), Tamil Nadu – An Economic Appraisal, Department of Evaluation and Applied Research, Panorama of Indian Economy.
3. Madras Institute of Development Studies, (1988), Tamil Nadu Economy: Performance and Issues, Oxford and IBH Publishing Company Pvt. Ltd., New Delhi.

**Web resources:**

1. [www.tn.gov.in](http://www.tn.gov.in)
2. <http://tnervis.nic.in/>
3. <https://www.msmeonline.tn.gov.in/>

**Pedagogy:** Teaching / Learning methods

Chalk and Talk, Lecture, Tutorial, Assignment, Quiz, Group Discussion, Seminar.

**Course Outcomes**

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

CO Number	CO Statement	Cognitive Level
<b>CO1</b>	Understand salient features, Poverty, Unemployment of Tamil Nadu Economy	K1,K2
<b>CO2</b>	Examine the Issues in Indian Agriculture, Land Use Patterns, finance and Insurance	K2,K3
<b>CO3</b>	Grasp the Industrial Scenario in Tamil Nadu	K1,K7 ,K8
<b>CO4</b>	Describe the status of State Finances and Development Programmes of Tamil Nadu	K2,K3
<b>CO5</b>	Analyse the overall performance of Tamil Nadu Economy.	K3,K7,K8

**Cognitive Level: K1 - Remember; K2 - Understanding; K3 - Apply; K4 - Analyze; K5 – Evaluate; K6 – Create**

**Mapping of Course Outcomes with Programme Outcomes**

<b>PO CO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>
<b>CO1</b>	3	3	3	3	3	3	3
<b>CO2</b>	3	3	3	3	3	3	3
<b>CO3</b>	3	3	3	3	3	3	3
<b>CO4</b>	3	3	3	3	2	3	2
<b>CO5</b>	2	3	2	3	3	2	3

3 - Strongly Correlated; 2 - Moderately Correlated;  
1 - Weakly Correlated; 0 – No correlation

**Mapping of Course Outcomes with Programme Specific Outcomes**

<b>PSO CO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	3	3	3	3	2
<b>CO2</b>	3	3	3	2	2
<b>CO3</b>	3	3	3	2	3
<b>CO4</b>	3	3	3	2	2
<b>CO5</b>	3	3	3	3	3

3 - Strongly Correlated; 2 - Moderately Correlated;  
1 - Weakly Correlated; 0 – No correlation.



Semester	Course Code	Course Title	Hours of Teaching / Cycle	No. of Credits
V	23U5ECEL1B	Major Elective – I Operations Research	4	3

#### Nature of the course

Relevant to Local need		Employability Oriented	√	Addresses Professional Ethics	√
Relevant to national need	√	Entrepreneurship Oriented	√	Addresses Gender Sensitization	
Relevant to regional need	√	Skill development Oriented	√	Addresses Environment and Sustainability	
Relevant to Global need	√			Addresses Human Values	

#### Course Objectives

The main objectives of this course are:

1. To enable students to understand the rational decision making in practice
2. To understand use of key concepts such as Linear Programming and its applications,.
3. To probe the Transportation Assignment CPM,PERT and Queuing
4. To provide understanding about making Rational Decisions in Practice.
5. To provide knowledge on acquiring Entrepreneurial Skills

#### SYLLABUS

Unit	Content	No. of Hours
I	<b>Introduction to Operations Research</b> Operations Research – Definition–Methodology – Tools- Types of Operations Research Models- Operations Research and Decision Making - Limitations.	10
II	<b>Linear Programming Problem</b> Definition – Applications- Assumptions -Formulation- Graphical solution – Maximization and Minimization- Simplex Method (2 Variable)	10
III	<b>Transportation and Assignment</b> Introduction – Matrix Formulation of a Transportation Problem– North West Corner Entry Method –Vogel’s Approximation Method- Initial Basic Feasible Solution (basic problems) - Assignment – Introduction – Balanced and Unbalanced Assignment Problem – Solution using Hungarian Assignment Method.	15
IV	<b>Decision Theory</b> Decision Making under Risk and Uncertainty-Decision Tree Analysis- Network Analysis –Basic Concepts: CPM – PERT	10

<b>V</b>	<b>Queuing Theory</b> Queuing Theory - Basic Concepts -Traffic Intensity– Idle Rate- Single Channel - Number of Customers in Line and System - Time Spent by the Customers in Line and System – Probability of Customers’ Waiting.	15
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**Textbook:**

1. Vittal P.R, ( 2019), Introduction to Operations Research, Margham Publications
2. Gupta P.K and Manmohan, (2019), Operations Research Sultan Chand, New Delhi

**References:**

1. Chawla K.K ,Vijay Gupta and Bhushan K.Sharma (2015) Introduction to Operations Research, Kalyani Publishers
2. HamdyaTaha,( 2017)Operations Research: An Introduction, 10<sup>th</sup> Edition, Pearson
3. Kapoor V.K.(2017) Operations Research, Sultan Chand and Sons, New Delhi,

**Web resources:**

1. <https://www.edx.org/course/operations-research-an-active-approach>
2. <https://www.theorsociety.com/resource-centre/teaching-resources/>
3. <https://or.stackexchange.com/questions/4277/operations-research-self-study-resources-for-beginners>

**Pedagogy:** Teaching / Learning methods

Chalk and Talk, Lecture, Tutorial, Assignment, Quiz, Group Discussion, Seminar.

**Course Outcomes**

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

CO Number	CO Statement	Cognitive Level
<b>CO1</b>	Understand the Characteristics and Methodology of Operations Research.	K1, K3
<b>CO2</b>	Analyse constraints in optimization using Linear Programming	K 2, K 3
<b>CO3</b>	Examine the role of various Transportation Model and Optimum cost in Assignment	K 2, K 3
<b>CO4</b>	Take appropriate decisions under conditions of risk and Uncertainty	K 3, K 4
<b>CO5</b>	Evaluate the costs involved in Queuing	K 2, K 3

**Cognitive Level:** **K1** - Remember; **K2** - Understanding; **K3** - Apply; **K4** - Analyze; **K5** – Evaluate; **K6** – Create

### Mapping of Course Outcomes with Programme Specific Outcomes

	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>
<b>CO 1</b>	3	3	3	3	3	3	3	3
<b>CO 2</b>	3	3	3	3	3	3	3	3
<b>CO 3</b>	3	3	3	2	2	3	3	3
<b>CO 4</b>	3	3	3	3	3	3	3	3
<b>CO 5</b>	3	3	3	3	3	3	2	3

3 - Strongly Correlated; 2 - Moderately Correlated;  
1 - Weakly Correlated; 0 – No correlation

### Mapping of Course Outcomes with Programme Specific Outcomes

<b>CO /PO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	3	3	2	3	2
<b>CO2</b>	3	3	3	3	3
<b>CO3</b>	3	3	2	3	3
<b>CO4</b>	3	3	2	3	3
<b>CO5</b>	3	3	2	3	3

3 - Strongly Correlated; 2 - Moderately Correlated;  
1 - Weakly Correlated; 0 – No correlation

Semester	Course Code	Course Title	Hours of Teaching / Cycle	No. of Credits
V	23U5ECEL2A	Major Elective– II Managerial Economics	4	3

#### Nature of the course

Relevant to Local need	√	Employability Oriented	√	Addresses Professional Ethics	√
Relevant to national need	√	Entrepreneurship Oriented	√	Addresses Gender Sensitization	
Relevant to regional need		Skill development Oriented	√	Addresses Environment and Sustainability	
Relevant to Global need				Addresses Human Values	√

#### Course Objectives

The main objectives of this course are:

1. To develop analytical and problem-solving skills among the students.
2. To enable students to Capital Budgeting and its concepts.
3. To understand the cost controls measures and its uses
4. To know the Demand for Durable and Non-Durable Products
5. To familiarize students of Pricing Policies and its Practices.

SYLLABUS		
Unit	Content	No. of Hours
I	<b>Introduction:</b> Nature and Scope of Managerial Economics - Meaning - Characteristics– Importance–Role and Responsibilities of Managerial Economist – Basic Economic Tools in Managerial Economics.	12
II	<b>Demand, Cost and Profit Analysis:</b> Demand for Durable and Non-Durable Products, Demand Forecasting Techniques -Statistical and Non-Statistical Techniques -Cost Estimation - Cost-Volume-Profit Analysis (Break Even Analysis)- Objectives and Assumptions; Determination of Break Even Point, Limitations	12
III	<b>Pricing Policies and Practices:</b> Objectives - Popular Pricing Methods and Strategies- Price Discounts and Differentials- Pricing by Manufacturers and Retailers- Price Forecasting.	12
IV	<b>Capital Budgeting:</b> Capital Budgeting: Need for capital budgeting- Different steps in Capital Budgeting- - Appraisal Methods – Payback Method, Accounting Rate of Return, Net Present Value method, Internal Rate of Return Method, Cost–Benefit Method - Capital Rationing.	12

<b>V</b>	<b>Cost of Capital:</b> Sources of Funds for Long Term Financing-Cost of Debt Capital - Cost of Preferred Stock -Cost of Equity Capital or Common Stock-Cost of Retained Earnings.	12
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**Textbook:**

1. Varshney R.L., and Maheshwari K.L. (1997), Managerial Economics, SultanChand New Delhi
2. Mehta P.L (1997), Managerial Economics, Sultan Chand, New Delhi.
3. William F. Samuelson, Stephen G. Marks, “Managerial Economics”, Wiley, 2014
4. Michael R Baye, Managerial Economics & Business Strategy – Mc. GrawHill, USA, 5th Edition 2006.
5. Yogesh, Maheshwari, Managerial Economics, PHI Learning PvtLtd, 2013

**References:**

1. Dominic Salvatore, (1993), Managerial Economics, McGraw Hill Inc, NewYork
2. Ahuja. H. L. (2004), Business Economics, S. Chand & Co, New Delhi.
3. L. Trivedi (2002), Managerial Economics: Theory and Applications TataMcGraw Hill.
4. Dwivedi D.N (2000), Managerial Economics, Vikas Publishing House Pvt Ltd
5. Gregory Mankiw(2008) Economics: Principles and Applications, New Delhi, Cengage Learning India.

**Web resources:**

1. <http://economics.about.com/od/pricing>
2. [www.rbi.org](http://www.rbi.org)
3. <https://nptel.ac.in/courses/110101005>
4. <https://www.managementstudyguide.com/managerial-economics>
5. <https://hbr.org/1976/11/pricing-policies-for-new-products>

**Pedagogy:** Teaching / Learning methods

Lecture, Tutorial, Assignment, PPT presentation, Quiz, Group Discussion, e-content Seminar

**Course Outcomes**

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

CO Number	CO Statement	Cognitive Level
<b>CO1</b>	Understand the Micro Economic Principles and applying it in Business Decision.	<b>K1, K3</b>
<b>CO2</b>	Examine the concepts of Demand, Cost and Profit	<b>K4, K5</b>
<b>CO3</b>	Determine and analyse the various Pricing Techniques.	<b>K3, K4</b>
<b>CO4</b>	Appraise the Project Proposals	<b>K5</b>
<b>CO5</b>	Understand the sources of Finance for Business.	<b>K2</b>

**Cognitive Level :** **K1** - Remember; **K2** - Understanding; **K3** - Apply; **K4** - Analyze; **K5** – Evaluate; **K6** – Create

### Mapping of Course Outcomes with Programme Outcomes

CO \ PO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
<b>CO1</b>	3	3	3	3	3	3	3	3
<b>CO2</b>	3	3	3	3	3	3	3	3
<b>CO3</b>	3	2	3	2	2	3	3	2
<b>CO4</b>	3	3	3	3	3	3	3	3
<b>CO5</b>	3	3	3	3	3	3	2	3

3 - Strongly Correlated; 2 - Moderately Correlated;  
1 - Weakly Correlated; 0 – No correlation

### Mapping of Course Outcomes with Programme Specific Outcomes

CO \ PSO	PSO1	PSO2	PSO3	PSO4	PSO5
<b>CO1</b>	3	2	2	3	3
<b>CO2</b>	3	2	3	3	3
<b>CO3</b>	3	3	3	3	3
<b>CO4</b>	3	3	2	3	3
<b>CO5</b>	3	3	3	3	2

3 - Strongly Correlated; 2 - Moderately Correlated;  
1 - Weakly Correlated; 0 – No correlation

Semester	Course Code	Course Title	Hours of Teaching / Cycle	No. of Credits
V	23U5ECEL2B	Major Elective – II Gender Economics	4	3

#### Nature of the course

Relevant to Local need	√	Employability Oriented	√	Addresses Professional Ethics	√
Relevant to national need	√	Entrepreneurship Oriented		Addresses Gender Sensitization	√
Relevant to regional need	√	Skill development Oriented	√	Addresses Environment and Sustainability	
Relevant to Global need	√			Addresses Human Values	√

#### Course Objectives

The main objectives of this course are:

- Students will be able to sensitize on issues that is related to gender
- To understand the conceptual clarification of women and work
- To analyse the Women in Organized and Unorganized Sectors in an Economy
- Identify the marginalization of women in economic theory and in the economy
- Incorporate gender in mainstream policy making

#### SYLLABUS

Unit	Content	No. of Hours
I	<b>Introduction to Gender Analysis and Economics</b> Definition - Gender - Gender Analysis: Purpose and Scope – Feminist Perspective in Economics - Classical and Neoclassical Economics- Post Keynesian Economics- Economic Measurements - Empirical Challenges.	12
II	<b>Development and Anti - Development</b> Development Versus Anti-Development - Women In Development (WID)- Women and Development (WAD)Gender And Development – Women And Empowerment Women And Environment – Ecofeminism.	12
III	<b>Women and Work – A Conceptual Clarification</b> Invisibility of Women – “Statistical Purdah” - A Critique of Methods, Concepts, Definitions Employed in Economic Theory- A Critique of The Data System In India (Application) - Measures To Rectify This Invisibility	12

IV	<b>Marginalization of Women</b> Women Sidelined – Gender – Discrimination Theories - Women in The Labour Market – Sexual Division of Labour, Wage Differentials, Micro Credit - Women in The Organized and Unorganized Sectors Of The Indian Economy (Application) - Feminization Of Work and Feminization Of Poverty	12
V	<b>Gender, The Economy and Related Issues</b> Population – Demographic Features - Health and Education – Policy Measures – Government and NGOs – Gender Budgeting	12

**Textbook:**

1. Jaya Shrivatsava(2018) Gender Discrimination and Inequality in Contemporary India: Dimensions and Voices of Protests, Kalpaz Publications.
2. Caroline Criado Perez(2019) Invisible Women: Data Bias in a World Designed for Men, Harry N.Abrams.
3. Mukesh Eswaran (2020)Why Gender Matters in Economics Princeton University Press
4. K.R.Gupta, “Gender Problems and Policies”, Atlantic, 2009.
5. Joyce Jacobsen , “The Economics of Gender”, Wiley – Blackwell Publisher 3rd Edition, 2007

**References:**

1. GOI (1987), Shram Shakti, Report on the National Commission on Self – employed Women and Women in the Informal Sector New Delhi.
2. Julie A Nelson (1996), Feminism, Objectivity and economics, Routledge, London.
3. Krishnaraj, Maithreyi and Joy P. Deshmukh(1991), Gender in Economics, Ajantha Publishers, New Delhi
4. Loutfi, MF(ed.)(2002), Women, Gender & Work, Rawat Publishers, New Delhi
5. Krishnaraj, M., and M.P.D. Joy. Gender in Economics. Ajantha, New Delhi, 1991

**Web resources:**

<https://www.unwomen.org/en/how-we-work/intergovernmentalsupport/world-conferences-on-women>  
<https://wcd.nic.in/>  
<https://www.tn.gov.in/department/30>  
<http://icds-wcd.nic.in/>  
<http://ncw.nic.in/>

**Pedagogy:** Teaching / Learning methods

Chalk and Talk, Lecture, Tutorial, Assignment, Quiz, Group Discussion, Seminar.



### Course Outcomes

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

CO Number	CO Statement	Cognitive Level
CO1	Recognize needs for Gender Analysis	K1,K2
CO2	Analyze the role of gender in development	K4
CO3	Identify the reasons behind the marginalization of women	K2,K4
CO4	Formulate policies to include the excluded	K5
CO5	Integrate gender in Mainstream Economics	K5,K6

**Cognitive Level: K1** - Remember; **K2** - Understanding; **K3** - Apply; **K4** - Analyze; **K5** – Evaluate; **K6** – Create

### Mapping of Course Outcomes with Programme Outcomes

CO	PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1		2	3	3	3	3	3	3	3
CO2		3	3	3	3	3	3	3	3
CO3		3	2	3	2	2	3	3	3
CO4		3	3	3	3	3	2	3	3
CO5		3	3	3	3	3	3	2	3

3 - Strongly Correlated; 2 - Moderately Correlated;  
1 - Weakly Correlated; 0 – No correlation

### Mapping of Course Outcomes with Programme Specific Outcomes

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

3 - Strongly Correlated; 2 - Moderately Correlated;  
1 - Weakly Correlated; 0 – No correlation

Semester	Course Code	Course Title	Hours of Teaching / Cycle	No. of Credits
V	23U5ECNME	Non Major Elective - Economics for Competitive Examinations	2	2

#### Nature of the course

Relevant to Local need		Employability Oriented	✓	Addresses Professional Ethics	✓
Relevant to national need	✓	Entrepreneurship Oriented	✓	Addresses Gender Sensitization	
Relevant to regional need	✓	Skill development Oriented		Addresses Environment and Sustainability	
Relevant to Global need	✓		✓	Addresses Human Values	✓

#### Course Objectives

The main objectives of this course are to:

1. To enable the students to acquire knowledge related to various Economics concepts pertaining to Indian Economy.
2. To help the students to have reason and think Economics and apply it in real terms

#### SYLLABUS

Unit	Content	No. of Hours
I	<b>Overview of Indian Economy</b> Features of Indian Economy - Development versus Growth- Determinant of growth and development, concepts such as HPI / MPI, HDI, PQLI, GEM, GDI / GII, TAI, Green index, sustainable development, India's ranking in the various indices.	15
II	Indian Agriculture- features - Indian Industry- Money and Banking- Inflation- Planning in India- Poverty – Unemployment- Financial Markets- Union Budget- Fiscal and Monetary Policies. (Basic Knowledge)	15

#### Textbook:

1. Puri V.K., Misra S.K., Indian Economy, Himalaya Publication House
2. Bhatia H.L., Public Finance, Vikas Publishing House

#### References:

1. Jhingan M.L., The Economics of Development and Planning, Vrinda Publications P Ltd
2. Koutsoyiannis A., Modern Microeconomics, Palgrave Macmillan U.K.
3. GauravDatt and AshwaniMahajan, *Datt and Sundharam Indian Economy*, S Chand and Co Ltd

**Web resources:**

1. <https://www.indiabudget.gov.in/>
2. <https://www.nabard.org/news-article.aspx?id=25andcid=552andNID=220>
3. <https://www.birmingham.ac.uk/news/2017/green-white-and-blue-why-india-needs-a-third-agricultural-revolution#:~:text=Agriculture%20is%20the%20backbone%20of,the%20world's%20largest%20milk%20producer.>

**Pedagogy:** Teaching / Learning methods

Lecture, Tutorial, Assignment, PPT presentation, Quiz, Group Discussion, e-content Seminar

**Course Outcomes**

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

CO Number	CO Statement	Cognitive Level
	On successful completion of this course, students will be able to	
CO1	To explain and outline the concepts of Economic growth and development.	K1, K2
CO2	To explain and identify the problems of poverty, To illustrate and discuss the Agriculture and Industrial Sector, to understand public finance	K1, K2, K4

**Cognitive Level :** K1 - Remember; K2 - Understanding; K3 - Apply; K4 - Analyze; K5 – Evaluate; K6 – Create

**Mapping of Course Outcomes with Programme Outcomes**

PO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	3	3	3	3	3
CO2	3	3	3	3	3	3	3	3

3 - Strongly Correlated; 2 - Moderately Correlated;  
1 - Weakly Correlated; 0 – No correlation

**Mapping of Course Outcomes with Programme Specific Outcomes**

PSO CO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	3	2	3	3

3 - Strongly Correlated; 2 - Moderately Correlated;  
1 - Weakly Correlated; 0 – No correlation

Semester	Course Code	Course Title	Hours of Teaching / Cycle	No. of Credits
VI	23U6ECC12	International Economics	6	4

#### Nature of the course

Relevant to Local need	√	Employability Oriented	√	Addresses Professional Ethics	√
Relevant to national need	√	Entrepreneurship Oriented		Addresses Gender Sensitization	
Relevant to regional need	√	Skill development Oriented	√	Addresses Environment and Sustainability	√
Relevant to Global need	√			Addresses Human Values	√

#### Course Objectives

The main objectives of this course are:

1. To evaluate critical overview of International Trade theories
2. To understand the Foreign Exchange Market and its operations
3. To know the BOP disequilibrium and International Trade Policy.
4. To impart knowledge on Foreign Exchange Market and its concepts
5. To familiarize students on Trade Policies

SYLLABUS		
Unit	Content	No. of Hours
I	<b>Introduction</b> Nature and Scope of International Economics -The Globalization of the World Economy - International Trade and the Nation's Standard of Living - International Trade Policy - Current International Economic Problems and Challenges.	18
II	<b>International Trade Theories</b> Absolute Advantage: Adam Smith - Comparative Advantage: David Ricardo - Opportunity Cost: Haberler - Reciprocal Demand: Mill - Offer Curves: Marshall - Factor Endowments: Heckscher-Ohlin - Leontief Paradox - Economic Growth and International Trade.	18
III	<b>Foreign Exchange Market</b> Foreign Exchange Market: Function and structures - Exchange Rates: Fixed, Flexible, Floating, Pegged, Nominal and Real Exchange Rates - Theories of Exchange Rates: Mint Parity Theory, Purchasing Power Parity Theory, and Balance of Payments Theory.	18

IV	<b>Balance of Payments</b> The Balance of Payments Account - Equilibrium and Disequilibrium in BOP - Surplus and Deficit in BOP Adjustment Mechanism: Direct and Indirect Mechanisms – Export Promotion and Import Substitution.	18
V	<b>Terms of Trade and Trade Policy</b> Terms of Trade: Concept and Determinants - Terms of trade and Economic Development - Tariff and Non-Tariff Barriers – Effects – Quotas - Import Quotas Vs Tariffs - Free Trade and Economic Development-Free Trade Vs Protection.	18

**Textbook:**

1. Mithani D.M (2002), Introduction to International Economics, Vora & Co Publishers, Bombay.
2. Dwivedi, D. N. (2013). International Economics: Theory and Policy. Vikas Publishing House, New Delhi.
3. Cherunilam, Francis (2006). International Economics, Tata McGraw-Hill Publishing Co. Ltd., New Delhi
4. M.L Jhingan, “ International Economics”, Vrinda publications, 2016
5. K.R.Gupta, International Economics, Atlantic Publishers, 2017

**References:**

1. Paul Krugman, Maurice Obstfeld, and Marc Melitz, (2012), International Economics: Theory and Policy, Addison-Wesley (Pearson Education Indian Edition), 9th edition.
2. Kindleberger, C.P (1977). International Economics, D.B. Taraporevala Sons and Co. Pvt. Ltd., Bombay
3. Leamer, E. E., & Stern, R. M. (2017). Quantitative International Economics. Routledge.
4. Salvatore, D. (2016). International Economics. John Wiley & Sons.
5. Jones, R. W., Grossman, G. M., Kenen, P. B., Rogoff, K., Gopinath, G., & Helpman, E. (Eds.). (1997). Handbook of International Economics (Vol. 3). Elsevier.

**Web resources:**

1. <https://www.imf.org/>
2. <https://www.forextime.com/education/forex-trading-for-beginners>
3. <https://www.weforum.org/>
4. <https://www.wto.org/>
5. [https://policy.trade.ec.europa.eu/eu-trade-relationships-country-and-region/negotiations-and-agreements\\_en](https://policy.trade.ec.europa.eu/eu-trade-relationships-country-and-region/negotiations-and-agreements_en)

**Pedagogy:** Teaching / Learning methods

Chalk and Talk, Lecture, Tutorial, Assignment, Quiz, Group Discussion, Seminar.

### Course Outcomes

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

CO Number	CO Statement	Cognitive Level
CO1	Develop ideas of the basic characteristics of Globalisation of the World Economy and its current international economic problems and challenges.	K2,K6
CO2	Grasp the basic theories of International Trade and Economic Growth.	K2
CO3	Understand the functions, structure and theories of Foreign Exchange Market.	K2
CO4	Describe the BOP disequilibrium, Adjustment Mechanism, Export Promotion and Import Substitution.	K4,K5,K6
CO5	Outline the concepts of terms of trade and assess the Tariff, quotas, Free trade and economic development	K1,K6

**Cognitive Level: K1** - Remember; **K2** - Understanding; **K3** - Apply; **K4** - Analyze; **K5** – Evaluate; **K6** – Create

### Mapping of Course Outcomes with Programme Outcomes

CO	PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1		2	3	3	3	3	3	3	3
CO2		3	3	3	3	3	3	3	3
CO3		3	3	3	2	2	3	3	3
CO4		3	3	2	3	3	2	3	3
CO5		3	3	3	3	3	3	2	3

3 - Strongly Correlated; 2 - Moderately Correlated;  
1 - Weakly Correlated; 0 – No correlation

### Mapping of Course Outcomes with Programme Specific Outcomes

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

3 - Strongly Correlated; 2 - Moderately Correlated;  
1 - Weakly Correlated; 0 – No correlation

Semester	Course Code	Course Title	Hours of Teaching / Cycle	No. of Credits
VI	23U6ECC13	Computer Application in Economics	5	4

#### Nature of the course

Relevant to Local need	√	Employability Oriented	√	Addresses Professional Ethics	√
Relevant to national need	√	Entrepreneurship Oriented		Addresses Gender Sensitization	
Relevant to regional need	√	Skill development Oriented	√	Addresses Environment and Sustainability	
Relevant to Global need	√			Addresses Human Values	√

#### Course Objectives

The main objectives of this course are:

1. To know the basic concepts of Computer Applications
2. To apply the MS office and its basic operations
3. To describes the data processing techniques using various MS office operations
4. To gain knowledge on application of MS Excel
5. To know mathematical and statistical functions for Economic Analysis

#### SYLLABUS

Unit	Content	No. of Hours
I	<b>Introduction to Computers</b> Computer and Peripherals: Meaning, Types, Features and Limitations– Basic Components – Input and Output Devices – Primary Memory and Secondary Storage – Computer Software– Types – Malicious Software –Operating Systems: Functions and Types.	15
II	<b>MS Office</b> Windows Explorer - MS Word: Basic Operations in Word – Editing– Formatting – Text Creation of Tables and Volumes - MS Power Point Presentation- Creating, Opening and Saving Slideshow and Animations - MS Excel: Work Sheet and Work Book- Opening and Formatting.	15
III	<b>Data Processing</b> Data Processing Techniques using MS Excel: Concept of Data – Record and File – Types of Data – Data Entry – File Handling and Operations–Opening, Appending and Cascading – Closing and Attribute Controls – Data Storage and Retrieval.	15

IV	<b>Introduction to MS Excel</b> Calculation Operators: Arithmetic Operators – Comparison Operators – Logical Operations- Excel Tool Bars- Formatting of Text, Tables and Graphs.	15
V	<b>Application of MS Excel in Statistics and Economics</b> Descriptive Statistics: Mean, Median, Mode and Standard Deviation Variance- Index Numbers and Growth Rates - Demand Function - Supply Function, Production Function and Consumption Function - Demand for and Supply of Money- Correlation – Regression.	15

**Textbook:**

1. Hem Chand Jain and H.N.Tiwari (2019) Computer Applications In Business, 5<sup>th</sup>Edition Taxmann Publication.
2. Dhanasekaran.K( 2010) Computer Applications In Economics Vrinda Publications.
3. Asthana and Braj Bhushan (2007): Statistics for Social Sciences (with SPSS Applications).
4. Dan Kookin, “Word for Dummies”, Wiley, 2021
5. Joseph Muller, “Statistical Analysis with Excel For Dummies”, Wiley, 2008

**References:**

1. Oscar Afonso, Paulo B. Vasconcelos, Computational Economics: A Concise Introduction, Routledge; 1<sup>st</sup>Edition
2. Alexis Leon and Mathews Leon; (2001), Introduction to Computers with MsOffice 2000.McGraw Hill Education
3. Greg Harvey, PhD, (2007) Microsoft Office Excel 2007 For Dummies, Wiley Publishing.
4. Kerns (1992) Essentials of Microsoft Windows, Word and Excel, Prentice Hall
5. Kavindra Kumar Singh (2014) Computer Applications in ManagementDreamTech

**Web resources:**

1. <https://www.excel-easy.com/basics.html/>
2. <https://excelchamps.com/excel-basics/>
3. <https://edu.gcfglobal.or/en/topics/excel/>
4. <https://trumpexcel.com/learn-excel/>
5. <https://www.simplilearn.com/learn-ms-excel-free-training-course-skillup>

**Pedagogy:** Teaching / Learning methods

Chalk and Talk, Lecture, Tutorial, Assignment, Quiz, Group Discussion, Seminar.

**Course Outcomes**

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

CO Number	CO Statement	Cognitive Level
CO1	Understand basic components of Computer and its functions.	K2,K5
CO2	Gain Knowledge of MS Office.	K6
CO3	Outline data processing techniques of MS Excel.	K3,K4,K5
CO4	Understand basic Operation in MS Excel.	K2
CO5	Apply MS Excel in Statistics and Economics.	K3,K4,K5

**Cognitive Level:** K1 - Remember; K2 - Understanding; K3 - Apply; K4 - Analyze; K5 – Evaluate; K6 – Create



### Mapping of Course Outcomes with Programme Outcomes

PO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	3	3	3	3	3
CO2	3	3	3	3	3	3	3	3
CO3	3	3	3	3	3	3	3	3
CO4	3	3	3	3	2	3	3	3
CO5	3	2	2	3	3	3	3	3

3 - Strongly Correlated; 2 - Moderately Correlated;  
1 - Weakly Correlated; 0 – No correlation

### Mapping of Course Outcomes with Programme Specific Outcomes

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

3 - Strongly Correlated; 2 - Moderately Correlated;  
1 - Weakly Correlated; 0 – No correlation

Semester	Course Code	Course Title	Hours of Teaching / Cycle	No. of Credits
VI	23U6ECC14	Agricultural Economics	5	4

#### Nature of the course

Relevant to Local need	√	Employability Oriented	√	Addresses Professional Ethics	√
Relevant to national need	√	Entrepreneurship Oriented		Addresses Gender Sensitization	
Relevant to regional need	√	Skill development Oriented	√	Addresses Environment and Sustainability	
Relevant to Global need	√			Addresses Human Values	√

#### Course Objectives

The main objectives of this course are:

1. To probe into the various issues in agricultural Labour
2. To understand the marketing, Finance and Price Policy of Agriculture
3. To study the impact of Agriculture on Indian Economic Scenario.
4. To assess the Sustainable agriculture Development In india
5. To familiarize students about the significance of Sustainable Agriculture.

#### SYLLABUS

Unit	Content	No. of Hours
I	<b>Introduction</b> Scope and significance of Agriculture- Role of Agriculture in India's Development- Inter-sectoral Linkages - Farm Management: Definition and Principles-Management of Risks in Agriculture.	15
II	<b>Agricultural Labour</b> Agricultural labour: Definition - Types – Supply of Labour – Problems - Rural Unemployment: Types, Consequences and Remedial Measures- Minimum Wages for Agricultural Workers– Recent Wage and Self-Employment Programmes	15
III	<b>Agricultural Finance</b> Agricultural Finance: Meaning, Nature, Types, Sources and Problems of Agricultural Finance- Cooperatives in Rural Finance- Role of Commercial Banks and NABARD – Farm Capital - Meaning, Types and Marginal Efficiency of Farm – Agricultural Capital Formation	15

IV	<b>Agricultural Price Policy</b> Objectives and need of Agricultural Price Policy – Stability and Trends in Agricultural Prices – Evaluation of Agricultural Price Policy in India – Agricultural Exports - Current Issues in Indian Agriculture.	15
V	<b>Sustainable Agriculture and Food Security</b> Development issues: Poverty, Inequality, Unemployment and Environmental Degradation - Green Revolution: Recent Developments– Methods and Issues - Population and Food Supply- Food Security and Public Distribution System in India.	15

**Textbook:**

1. Lekhi R.K. and Joginder Singh, (2015), Agricultural Economics: An Indian Perspective, Kalyani Publishers, Ludhiana.
2. Sadhu An, Singh Amarjit and Singh Jasbir, (2014), Fundamentals of Agricultural Economics, Himalaya Publishing House, Delhi
3. Mridula Mishra, (2010), Agriculture and Food Economics, Serials Publication, New Delhi.
4. John B.Penson,Jr, Oral Capps, Jr, C.ParrRosson III, Richard. T. Woodward, “Introduction to Agricultural Economics”, Pearson Publications,2017.
5. Dr.B.P.Tyagi, “Agricultural Economics & Rural Development”, Jai Prakashnath& Co., 2017.

**References:**

1. Janardhana Rao. N, (2005), Indian Agriculture: Issues and Perspectives, ICFAI University Press, Hyderabad.
2. Gray, L. C. (2013). Introduction to Agricultural Economics. Read Books Ltd.
3. Barkley, A., & Barkley, P. W. (2016). Principles of Agricultural Economics. Routledge.
4. Cramer, G. L., Jensen, C. W., & Southgate Jr, D. D. (2001). Agricultural Economics and Agribusiness (No. Ed. 8). John Wiley and Sons.
5. Colman, D., & Young, T. (1989). Principles of Agricultural Economics: Markets And Prices In Less Developed Countries. Cambridge University Press.

**Web resources:**

1. <https://icar.org.in/>
2. <https://www.icrisat.org/>
3. <https://www.nabard.org/>
4. <https://www.fao.org>
5. <https://farmer.gov.in/mspstatements.aspx>

**Pedagogy:** Teaching / Learning methods

Chalk and Talk, Lecture, Tutorial, Assignment, Quiz, Group Discussion, Seminar.

### Course Outcomes

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

CO Number	CO Statement	Cognitive Level
CO1	Understand the relevance of Agricultural Economics and Development	K2
CO2	Examine the importance of Agricultural Labour in Rural Development	K3,K4,K5
CO3	Identify the sources and importance of Agricultural Finance.	K1,K2
CO4	Analyze the trends in Agricultural Prices	K4
CO5	Evaluate the Major issues pertaining to Agriculture.	K3,K5

**Cognitive Level: K1** - Remember; **K2** - Understanding; **K3** - Apply; **K4** - Analyze; **K5** – Evaluate; **K6** – Create

### Mapping of Course Outcomes with Programme Outcomes

CO	PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1		2	2	3	3	3	3	3	3
CO2		3	3	3	3	3	3	3	3
CO3		3	3	3	2	2	3	3	3
CO4		3	3	3	3	3	2	3	3
CO5		3	3	3	3	3	3	2	3

3 - Strongly Correlated; 2 - Moderately Correlated;  
1 - Weakly Correlated; 0 – No correlation

### Mapping of Course Outcomes with Programme Specific Outcomes

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

3 - Strongly Correlated; 2 - Moderately Correlated;  
1 - Weakly Correlated; 0 – No correlation

Semester	Course Code	Course Title	Hours of Teaching / Cycle	No. of Credits
VI	23U6ECEL3A	Major Elective - III Modern Banking and Insurance	5	3

#### Nature of the course

Relevant to Local need	✓	Employability Oriented	✓	Addresses Professional Ethics	✓
Relevant to national need	✓	Entrepreneurship Oriented	✓	Addresses Gender Sensitization	
Relevant to regional need	✓	Skill development Oriented	✓	Addresses Environment and Sustainability	
Relevant to Global need	✓			Addresses Human Values	✓

#### Course objectives

The main objectives of this course are:

1. To discern the modern banking and insurance course
2. To enables the learners understand new financial instruments and banking practices
3. To know the role of insurance in economic development
4. To understand the insurance contract and risk management
5. To know the Major Insurance Legislation in India and its growth

#### SYLLABUS

Unit	Content	No. of Hours
I	<b>Banking</b> Commercial Banks- Functions of Commercial Banks- Private and Public Sector Banks- Credit Creation - Commercial Banks's role- Payment Banks-functions- Digital Banking-Tools – Methods	15
II	<b>Central Banks</b> Functions of a Central Bank – Objectives of Monetary Policy – Effects and Limitations – Narasimhan Committee Report.	15
III	<b>Introduction to Insurance</b> Insurance: Meaning and Types- Role of Insurance in Economic Development -Saving and Investment Aspects – Social Vs Private Insurance: Life Vs Non-Life Insurance. Classification of Life, Health and General Insurance Policies.	15
IV	<b>Insurance Contract and Risk Management</b> Meaning of contract- Insurable Interest- Utmost good faith- Principle of Indemnity and other Principles-Risk Management: Definition and Types- Management of Risk through Identification Analysis and Control.	15
V	<b>Insurance Business in India</b>	15

Major Insurance Legislation- Growth of Industry- Agricultural Insurance- Health Insurance- Reinsurance- Entry of Private Insurance Companies- Insurance Act. LIC Act, GIC Act. IRDA Act.
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**Textbook:**

1. Srivastava P.K. (2013), Banking Theory and Practice, Himalaya Publishing House, New Delhi
2. Heffernan, S. (2005). Modern Banking. John Wiley & Sons
3. Tyagi, C. L., & Tyagi, M. (2007). Insurance Law and Practice. Atlantic Publishers & Dist.
4. J. N. Jain, “Modern Banking and Insurance : Principles and Techniques”, Regal publications, 2008
5. Prasada & Radhika Rao, “Trends of Modern Banking”, BSP Publication, 2016

**References:**

1. Finsinger J. and M.V. Pauly (Eds.) (1986), The Economics of Insurance Regulation: A Cross National Study, Macmillan London.
2. Sethi, J., & Bhatia, N. (2012). Elements of Banking and Insurance. PHI Learning Pvt. Ltd.
3. Tripathy, N. P., & Pal, P. (2005). Insurance: Theory and practice. PHI Learning Pvt. Ltd.
4. Muraleedharan, D. (2014). Modern Banking: Theory and Practice. PHI Learning Pvt. Ltd

**Web resources:**

- <https://www.irdai.gov.in>  
<https://rbi.org.in>  
<https://licindia.in/>  
<https://www.studocu.com>  
<https://www.indiapost.gov.in/Financial/Pages/Content/pli.aspx>

**Pedagogy:** Teaching / Learning methods  
Lecture, Tutorial, Assignment, PPT presentation, Quiz, Group Discussion, e-content Seminar

**Course Outcomes**

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

CO Number	CO Statement	Cognitive Level
CO1	On successful completion of this course, students will be able to Recollect the financial tools and methods of banking operations	K1, K2
CO2	Understand and describe the central banking operations.	K1, K2
CO3	Explain various types of insurances in Practice	K1, K4
CO4	Evaluate the insurance policies and recommend the right policies for use.	K1, K2, K4, K5
CO5	Evaluate the macro level implications of the various insurances.	K1, K3, K5

**Cognitive Level :** K1 - Remember; K2 - Understanding; K3 - Apply; K4 - Analyze; K5 – Evaluate; K6 – Create

### Mapping of Course Outcomes with Programme Outcomes

PO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	3	3	3	3	3
CO2	3	3	2	3	3	3	3	3
CO3	3	3	3	2	2	3	3	3
CO4	3	3	3	3	3	2	3	3
CO5	3	3	3	3	3	3	2	3

3 - Strongly Correlated; 2 - Moderately Correlated; 1 - Weakly Correlated; 0 – No correlation

### Mapping of Course Outcomes with Programme Specific Outcomes

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

3 - Strongly Correlated; 2 - Moderately Correlated;  
1 - Weakly Correlated; 0 – No correlation

Semester	Course Code	Course Title	Hours of Teaching / Cycle	No. of Credits
VI	23U6ECEL3B	Major Elective - III Behavioural Economics	5	3

#### Nature of the Course

Relevant to local need		Employability oriented	√	Address professional Ethics	
Relevant to regional need	√	Entrepreneurship oriented		Addresses Gender Sensitization	
Relevant to national need	√	Skill development oriented	√	Addresses Environment and sustainability	√
Relevant to global need	√			Addresses Human Values	√

#### Course Objective

The main objectives of this course are :

- 1.To provide an overview of how Behavioural Principles in economics
- 2 .To apply behavioural approaches to economic Problems
3. To know the Nature and Components of mental accounting
- 4 .To impart knowledge on how people's behaviour influence Decision Making.
- 5 .To analyze the Behavioural Economic Models

SYLLABUS		
Unit	Content	No. of Hours
I	<b>Introduction:</b> History and Evolution of Behavioural Economics - Neoclassical Concept and Criteria for Economic Rationality - Causes of irrationality – Herbert Simon -Bounded Rationality Methods used in Behavioural Economics	15 hrs
II	<b>Heuristics &amp; Biases:</b> Advantages and Disadvantages of Heuristics - Availability Heuristic - Anchoring Heuristic - Representative Heuristic - Self Evaluation Biases and Projection Bias	14 hrs
III	<b>Animal Spirits and its impact on Economic Decisions Confidence:</b> – its feedback mechanism that amplifies disturbances - Fairness – Its influence in setting wages and prices - Corruption and Antisocial behaviour - Money Illusion – Improper interpretation of inflation and deflation	15 hrs
IV	<b>Prospect Theory:</b> Conventional approaches to modifying Expected Utility theory - Prospect theory and Endowment effect - Reference points and Loss Aversion - Shape of the utility function - Decision weighting	16 hrs



<b>V</b>	<b>Mental Accounting:</b> Nature and Components of mental accounting - Framing and Editing - Budgeting and Fungibility - Choice Bracketing and Dynamic	<b>15 hrs</b>
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**Textbook:**

1. Phillip Corr and Anke Plagnol Behavioral Economics: The Basics 1st Edition, Kindle Edition, Routledge, 2018.
2. Dan Ariely Predictably Irrational: The Hidden Forces That Shape Our Decisions, Harper Collins, 2009.
3. David Correll Behavioral Economics: Psychology, Neuroscience, and The Human Side of Economics (Hot Science) Icon Books Ltd, 2021.
4. SanjitDhami.,The Foundations of Behavioral Economic Analysis, Oxford University Press,2016 .
5. Brandon Lehr, “Behavioral Economics Evidence, Theory, and Welfare”, Talyor & Francis, 2021 .

**Reference**

- 1.Nick Wilkinson and Matthias Klaes (2012) An Introduction to Behavioural Economics 2nd Edition, Palgrave Macmillan, London
2. David R. Just(2014) Introduction to Behavioural Economics, Wiley Publication, New Jersey
3. Colin F.Camerer, George Loewenstein and Matthew Rabin(2003) Advances in Behavioural.
4. Frank Robert H ( 2015) Microeconomics and Behaviour, McGraw Hill Education, New York, 2015
5. Thaler, Richard H (2016) The Making of Behavioural Economics - Misbehaving, WW Norton & Co, Penguin, London

**Web Resource:**

1. [www.behavioraleconomics.com/BEGuide2017.pdf](http://www.behavioraleconomics.com/BEGuide2017.pdf)
2. [academic.oup.com/restud/pages/behavioral\\_economics](http://academic.oup.com/restud/pages/behavioral_economics)
3. <https://www.behavioraleconomics.com/>
4. <https://www.exploring-economics.org/en/orientation/behavioral-economics/>
5. <https://www.povertyactionlab.org>

**Pedagogy:**

Teaching / Learning methods  
Lecture, Tutorial, Assignment, PPT presentation, Group Discussion, e-content Seminar.

**Course Outcomes**

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

CO Number	CO Statement	Cognitive Level
<b>CO1</b>	Understand the flexibility and limitations of the economic approach to modelling behaviour and demonstrate knowledge of the evolution and methods used in behavioural economics.	<b>K1,K3</b>
<b>CO2</b>	Identify ways in which individuals are systematically irrational.	<b>K2,K3</b>
<b>CO3</b>	Know how to use existing behavioural models to understand new economic phenomena and analyse how deviations in rationality impact	<b>K3,K5</b>

	economic decisions.	
<b>CO4</b>	Apply Prospect Theory to understand how people make decisions when presented with alternatives that involve risk, probability and uncertainty.	<b>K5,K6</b>
<b>CO5</b>	Understand and apply in policy the different aspects of the concept of mental accounting.	<b>K4,K5</b>

**Cognitive Level: K1 - Remember; K2 - Understanding; K3 - Apply; K4 - Analyze; K5 – Evaluate; K6 – Create**

#### Mapping with Programme outcomes

CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
<b>CO1</b>	2	3	3	3	3	3	3	3
<b>CO2</b>	3	3	3	3	3	3	3	3
<b>CO3</b>	3	3	2	2	3	3	3	3
<b>CO4</b>	3	3	3	3	3	2	3	3
<b>CO5</b>	3	3	3	3	3	3	2	3

**3-Strongly Correlated; 2-Moderately Correlated;  
1. Weakly Correlated; 0-No Correlation**

#### Mapping of Course Outcomes with Programme Specific Outcomes

CO \ PSO	PSO1	PSO2	PSO3	PSO4	PSO5
<b>CO1</b>	3	2	2	3	3
<b>CO2</b>	3	3	3	3	3
<b>CO3</b>	3	2	3	3	3
<b>CO4</b>	3	3	2	2	3
<b>CO5</b>	3	3	3	3	2

**3-Strongly Correlated; 2-Moderately Correlated;  
1. Weakly Correlated; 0-No Correlation**

Semester	Course Code	Course Title	Hours of Teaching / Cycle	No. of Credits
VI	23U6ECEL4A	<b>Major Elective – IV Financial Markets and Institutions</b>	5	3

#### Nature of the course

Relevant to Local need	√	Employability Oriented	√	Addresses Professional Ethics	√
Relevant to national need	√	Entrepreneurship Oriented	√	Addresses Gender Sensitization	
Relevant to regional need	√	Skill development Oriented	√	Addresses Environment and Sustainability	√
Relevant to Global need	√			Addresses Human Values	√

#### Course Objectives

The main objectives of this course are:

1. To provide a comprehensive functions and operations of financial markets
2. To understand the various financial institutions and its operations in India
3. To probe the role of banks in the financial operations and its regulations
4. To analyse the Financial Institutions in India and its influence on Indian Economy.
5. To impart knowledge on Exchange Markets and its aspects.

#### SYLLABUS

Unit	Content	No. of Hours
I	<b>Introduction</b> Introduction to Financial System and Economic Development- Indicator of Financial Development, Concepts Related to Financial Markets and Institutions-Concept of Risk-Types of Return and Yield	15
II	<b>Financial Institutions-I</b> Commercial Banking - Role of Banks – NPAs - Risk Management in Banking-International Banking-Financial Regulations and Regulatory Institutions in India-RBI, SEBI, IRDA, PFRDA-Corporate Governance and SEBI.	15
III	<b>Financial Institutions-II</b> Financial Institutions – Provident Fund, Pension Fund, Insurance Companies-Mutual Fund, Credit Rating Agencies, Merchant Bank, Venture Capital Funds .Bond Market: Bond Features, Bond Price Volatility, Government Security Market, Corporate Bond Market, Public Sector Undertaking Bonds.	12
IV	<b>Derivatives Market</b> Classification of Stock Market and Securities-IPO, Stock Exchanges, Stock Market Indices, Derivatives Market-Types of Derivatives.	15

<b>V</b>	<b>Exchange Market</b> Foreign Exchange Market - Foreign Exchange Market Structure -Risk Management in Foreign Exchange Market - Exchange Rate Determination- Foreign Capital FDI &FII ,Central Bank Intervention in Foreign Exchange Market	18
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**Textbook:**

1. Saunders,A.,Cornett,M.M.,&Erhemjamts,O.(2012).FinancialMarketsandInstitutions.McGraw-Hill/Irwin.
2. Mishkin,F.S.,&Eakins,S.G.(2006).FinancialMarketsandInstitutions.PearsonEducationIndia.
3. Frederic,S.(2000).FinancialMarketsandInstitutions.PearsonEducationIndia.
4. MaureenBurton,ReynoldF.Nesiba,BruceBrown,“AnIntroductiontoFinancialMarkets and Institutions”,Talyor&Francis, 2015
5. Dr.F.CSharma,“ FinancialMarkets, InstitutionsandServices”SBPDPublications,2021

**References:**

1. Megginson,W.L.(2005). The Financial Economics of Privatization. Oxford University Presson Demand.
2. Burton, M., Nesiba, R. F., & Brown, B. (2015).An introduction to Financial Markets and Institutions. Routledge.
3. Jones,F.M.(2014).FoundationsofFinancialMarketsandInstitutions.PearsonEducation.
4. Bhole,L.M.(2004).FinancialInstitutionsandMarkets:Structure,GrowthAnd Innovations,4e.TataMcGraw-Hill Education.
5. Dr.Gurusamy.S(2018)FinancialMarketsandInstitutions,McGrawHillEducationIndia.

**Web resources:**

1. <https://www.rbi.org.in>
2. <https://www.nseindia.com>
3. <https://www.sebi.gov.in>
4. <https://dpiit.gov.in/foreign-direct-investment/foreign-direct-investment-policy>
5. <https://fifp.gov.in/>

**Pedagogy:** Teaching / Learning methods

Lecture, Tutorial, Assignment, PPT presentation, Quiz, Group Discussion, e-content Seminar

**Course Outcomes**

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

CO Number	CO Statement	Cognitive Level
<b>CO1</b>	Understand the role and importance of the Indian Financial Market.	<b>K2</b>
<b>CO2</b>	Analyse the importance of Commercial Banks	<b>K5</b>
<b>CO3</b>	Understandandanalysethemechanicsandregulationoffinancialinstrumentsanddeterminehowthevalueofstocks,bonds,andsecuritiesarecalculated.	<b>K2, K4, K5</b>
<b>CO4</b>	Evaluate the performance of Derivative Market.	<b>K5</b>
<b>CO5</b>	Analyse the Foreign Exchange Market.	<b>K2, K4</b>

**Cognitive Level :** K1 - Remember; K2 - Understanding; K3 - Apply; K4 - Analyze; K5 – Evaluate; K6 – Create

### Mapping of Course Outcomes with Programme Outcomes

<b>CO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>
<b>CO1</b>	3	3	3	3	3	3	3	3
<b>CO2</b>	3	3	3	3	3	3	3	3
<b>CO3</b>	3	3	2	2	3	3	3	3
<b>CO4</b>	3	3	3	3	3	2	3	3
<b>CO5</b>	3	3	3	3	3	3	3	3

3 - Strongly Correlated; 2 - Moderately Correlated;  
1 - Weakly Correlated; 0 – No correlation

### Mapping of Course Outcomes with Programme Specific Outcomes

<b>CO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	3	3	3	2	2
<b>CO2</b>	3	3	3	2	3
<b>CO3</b>	3	3	3	3	3
<b>CO4</b>	3	3	3	3	3
<b>CO5</b>	3	3	3	3	3

3 - Strongly Correlated; 2 - Moderately Correlated;  
1 - Weakly Correlated; 0 – No correlation

Semester	Course Code	Course Title	Hours of Teaching / Cycle	No. of Credits
VI	23U6ECEL4B	Major Elective – IV Urban Economics	5	3

#### Nature of the course

Relevant to Local need	√	Employability Oriented	√	Addresses Professional Ethics	√
Relevant to national need	√	Entrepreneurship Oriented		Addresses Gender Sensitization	
Relevant to regional need		Skill development Oriented		Addresses Environment and Sustainability	√
Relevant to Global need				Addresses Human Values	√

#### Course Objectives

The main objectives of this course are to:

1. To know the role of Urban Economics and its growth structure
2. To understand the basic economic principles in Urban Economics.
3. To describes the various urban infrastructures and its functions
4. To provide understanding about urbanization and its aspects.
5. To familiarize the students about migration and its relevance in urban development.

SYLLABUS		
Unit	Content	No. of Hours
I	<b>Introduction</b> Definition of Urban Economics- Nature and Scope of Urban Economics - Density, Urbanization - Definition of a City and Metropolitan area -Urban structure and Urban growth.	15
II	<b>Concept, Causes and Problems of Urbanization</b> Urbanization–Concept–Urban Morphology- Causes and Issues of Urbanization-Sustainable Urbanization.	15
III	<b>Urban Infrastructure</b> Urban Infrastructure-Transportation–Electricity-Water Supply- Slums, Housing and Urban Renewal –Public Health.	16
IV	<b>Migration Theories</b> TheoriesofRuralUrbanMigration–Ravenstein’sLawofMigration- Stouffer’stheoryofMobility-Lee’stheory- Reasons for Migration: Push and Pull factors.	14
V	<b>Policies for Urban Development</b> Policies and Programmes for Urban development - Measures to Control Urban Growth - Integrated Development of Small and Medium Towns- Smart Cities in India	15

**Textbook:**

1. Ahluwalia, I.J., Kanbur, R., & Mohanty, P.K. Urbanization in India, Sage Publications, New Delhi. (2014)
2. Hartwick, John M., (2015) Urban Economics, Routledge.
3. Arthur O'Sullivan, Urban Economics, Tata McGraw Hill, 2009.
4. Douglas M. Brown, "Introduction to Urban Economics", 2013
5. John F. McDonald, Daniel P. McMillen, "Urban Economics and Real Estate: Theory and Policy", Wiley, 2011

**References:**

1. Briance A and Ravinder Singh, (edited) (1995), Housing the Urban Poor, Policy and Practice in Developing Countries, (Sage Publications, New Delhi).
2. Fred Durr (1971), The Urban Economy (London, Index Educational Publishers).
3. Harris Tondon (1973), Introduction to Urban Economic Analysis and Policy New York.
4. Lolyd R Down and Associates (1969), Planning Urban Growth and Regional Development (London : MT. Press).
5. Mark Garrett (1996), Transportation Planning (Sage Publications, New Delhi).

**Web resources:**

1. <https://smarcities.gov.in/>
2. <http://www.moud.in/>
3. <https://urbaneconomics.org/>
4. <https://www.iom.int/>
5. <https://refugeesmigrants.un.org/>

**Pedagogy:** Teaching / Learning methods

Lecture, Tutorial, Assignment, PPT presentation, Quiz, Group Discussion, e-content Seminar

**Course Outcomes**

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

CO Number	CO Statement	Cognitive Level
CO1	Acquire knowledge on the subject matter of Urban Economics	K2, K3
CO2	Gain Knowledge on Urbanization and its Impact	K1, K2,
CO3	Understand and analyze the Urban Infrastructure	K2, K4
CO4	Analyze the impact of Migration	K4, K5
CO5	Apply various ideas and policies in Urban Economics.	K4, K5

**Cognitive Level :** K1 - Remember; K2 - Understanding; K3 - Apply; K4 - Analyze; K5 – Evaluate; K6 – Create

### Mapping of Course Outcomes with Programme Outcomes

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO1	3	3	3	3	3	3	3	3
CO2	3	3	3	3	3	3	3	3
CO3	3	2	2	2	3	3	3	3
CO4	3	3	3	3	3	3	3	3
CO5	3	3	3	3	3	3	3	3

3 - Strongly Correlated; 2 - Moderately Correlated;  
1 - Weakly Correlated; 0 – No correlation

### Mapping of Course Outcomes with Programme Specific Outcomes

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

3 - Strongly Correlated; 2 - Moderately Correlated;  
1 - Weakly Correlated; 0 – No correlation



Semester	Course Code	Course Title	Hours of Teaching / Cycle	No. of Credits
VI	23U6ECSEC2	<b>Skill Enhancement Course - Entrepreneurial Development</b>	2	2

#### Nature of the course

Relevant to Local need	√	Employability Oriented	√	Addresses Professional Ethics	√
Relevant to national need	√	Entrepreneurship Oriented	√	Addresses Gender Sensitization	√
Relevant to regional need	√	Skill development Oriented	√	Addresses Environment and Sustainability	√
Relevant to Global need	√			Addresses Human Values	√

#### Course Objectives

The main objectives of this course are to:

1. To describes the factors influencing entrepreneurship
2. To analyse the sources of finance for business.

#### SYLLABUS

Unit	Content	No. of Hours
I	<b>Introduction</b> Entrepreneurship: Meaning and Importance - Evolution of term 'Entrepreneurship' - Factors influencing Entrepreneurship: Psychological, Social, Economic and Environmental - Characteristics of an Entrepreneur - Types of Entrepreneurs- New Generations of entrepreneurship - Barriers to entrepreneurship	15
II	<b>Sources of Finance</b> Sources of Finance: Long term Sources -Equity Shares, Preference Shares and debentures- Kinds Private Placements- IPO-SEBI- FDI- Institutional Finance - Banks - IDBI, IFCI, IIBI, ICICI, SIDBI, SFCs in India - Merchant Banks in India – NBFCs in India	15

#### Textbook:

1. Desai, V. (2009). Dynamics of Entrepreneurial Development and Management. Himalaya Publishing House.
2. Srinivasan, N. P., & Gupta, G. P. (2001). Entrepreneurial Development". Sultan Chand and Sons, New Delhi
3. Simon. C Parker, "The Economics of Entrepreneurship", Cambridge University Press, 2009
4. K. Glancey, R. McQuaid and Jo Campling, "Entrepreneurial economics", Palgrave Macmillan UK, 2000

- Akland Alexander Tabarrok, "Entrepreneurial Economics", Oxford University Press, 2002

**References:**

- Glancey, K., McQuaid, R., & Campling, J. (2000), Entrepreneurial Economics. London: Macmillan.
- Casson, M., & Buckley, P. J. (2010). Entrepreneurship, Edward Elgar Publishing.
- Parker, S. C. (2018). The Economics of Entrepreneurship. Cambridge University Press.
- Harper, D. A. (2003). Foundations of Entrepreneurship and Economic Development. Routledge
- Khanka, S. S. (2006). Entrepreneurial Development. S. Chand Publishing.

**Web resources:**

- <https://www.startupindia.gov.in/>
- <https://www.ediindia.org/>
- <https://skillindia.gov.in/>
- <https://www.startupindia.gov.in/>
- <https://indianstartups.com/>

**Pedagogy:** Teaching / Learning methods

Lecture, Tutorial, Assignment, PPT presentation, Quiz, Group Discussion, e-content Seminar

**Course Outcomes**

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

CO Number	CO Statement	Cognitive Level
CO1	Explain the importance and factors influencing Entrepreneurship	K4, K5
CO4	Understand the Various sources of Finance available for entrepreneur	K2, K4, K6

**Cognitive Level :** K1 - Remember; K2 - Understanding; K3 - Apply; K4 - Analyze; K5 – Evaluate; K6 – Create

**Mapping of Course Outcomes with Programme Outcomes**

CO \ PO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO1	3	3	3	3	3	3	3	3
CO2	3	3	3	3	3	2	3	3

3 - Strongly Correlated; 2 - Moderately Correlated;  
1 - Weakly Correlated; 0 – No correlation

**Mapping of Course Outcomes with Programme Specific Outcomes**

CO \ PSO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	3	3	2	3

3 - Strongly Correlated; 2 - Moderately Correlated;  
1 - Weakly Correlated; 0 – No correlation