



**MARUDHAR KESARI JAIN COLLEGE FOR WOMEN
(AUTONOMOUS)**

Vaniyambadi – 635 751

Department of Economics

for

Undergraduate Programme

Bachelor of Arts

From the Academic Year 2024-25

CONTENT

1. Preamble

2. Programme Outcomes

3. Programme Specific Outcomes

4. Eligibility for Admission

5. Methods of Evaluation and Assessments

6. Skeleton & Syllabus

LEARNING OUTCOMES BASED CURRICULUM FRAMEWORK FOR UNDERGRADUATE EDUCATION

1. Preamble

The Department of Economics was started in 2022 and continue with the third batch as in 2024-2025. The programme focus on creating a dynamic field of Professionals and also conceived that it equips the students with a wide range of administer skills like consultant, analyst and planner and competence in an area of entrepreneurship in public and private sectors.

The Department is committed to integrate all aspects of Economics to educate and give innovative and competent to globally suitable for industry, business and service sector and etc. to enhance the students to take up entrepreneurship in order to be successful by standing on their feet instead of being dependent on others.

The department has been constantly metamorphosing itself to suit the requirements and expectations of the corporate and facilitate academic professional advancement.

Programme Offered

B.A., Economics

PROGRAMME OUTCOMES (PO)

Programme	B.A. Economics
Programme Code	UA03
Duration	3 years [UG]
Programme Outcomes	<p>PO1: Acquire knowledge in Economics and business to apply the knowledge in their day today life for betterment of self and society.</p> <p>PO2: Develop critical, analytical thinking and decision making skills.</p> <p>PO3: Develop innovative related skills in defining the fact, formulate and test the hypothesis, analyze, interpret, and draw conclusion from data.</p> <p>PO4: Address and develop solutions for social and environmental needs of local, regional and national development.</p> <p>PO5: Work independently and engage in lifelong learning and enduring proficient progress.</p> <p>PO6: Provoke employability and entrepreneurship among students along with ethics and communication skills.</p> <p>PO7: Understand the importance of ethical behavior in business contexts and be able to recognize and address ethical dilemmas with encounter in their professional careers.</p> <p>PO8: Prepared for lifelong learning and professional development, including the ability to adapt to changes in technology, different businesses and entrepreneurship and economic conditions throughout their careers.</p>

Programme Specific Outcomes:	<p>PSO1: To familiarize students to the concepts and the theories related to Economics, Finance and Investment and Modern Marketing to aid in Placement entrepreneurship.</p> <p>PSO2: Enhance skills of analytical and critical thinking to analyze the effectiveness of economic policies.</p> <p>PSO5: Evaluate various social and economic problems in the society and the answer to the problems as global citizens.</p>
-------------------------------------	--

Eligibility for Admission:

Candidates for admission to the first year of the Bachelor of Arts course shall be required to have passed the 12TH standard by the Government of Tamil Nadu or any equivalent.

Methods of Evaluation and Assessment

Methods of Evaluation		
Internal Evaluation		25 Marks
External Evaluation	End Semester Examination	75 Marks
	Total	100 Marks
Methods of Assessment		
Recall (K1)	Simple definitions, MCQ, Recall steps, Concept definitions.	
Understand / Comprehend (K2)	MCQ, True/False, Short essays, Concept explanations, short summary or overview.	
Application (K3)	Suggest idea/concept with examples, suggest formulae, solve problem, Observe, Explain.	
Analyze (K4)	Problem-solving questions, finish a procedure in many steps, Differentiate Between various ideas, Map knowledge.	
Evaluate (K5)	Longer essay/Evaluation essay, Critique or justify with pros and cons	
Create (K6)	Check knowledge in specific or offbeat situations, Discussion, Debating or Presentations.	

Semester – I							Semester – II						
Code	Course Title	Hours Distribution				C	Code	Course Title	Hours Distribution				C
		L	T	P	S				L	T	P	S	
24UFTA11	Tamil – 1	4	1	0	0	3	24UFTA21	Tamil – 2	4	1	0	0	3
24UFEN11	English – 1	4	1	0	0	3	24UFEN21	English – 2	4	1	0	0	3
24UECC11	CC – 1 Micro Economics –I	3	1	2	0	5	24UECC21	CC – 3 Micro Economics -II	3	1	2	0	5
24UECC12	CC – 2 Statistics for Economics –I	3	1	0	0	3	24UECC22	CC – 4 Statistics for Economics -II	4	1	0	0	4
24UECA11	EC - 1 Financial Accounting I	3	1	0	0	3	24UECA21	EC - 2 Financial Accounting II	4	1	0	0	4
24UECS11	SEC – 1 NME Basic Principles of Economics	1	0	1	0	2	24UECS21	SEC – 3 Business Communication	1	0	1	0	2
24UECS12	SEC – 2 Demography	1	0	1	0	2	24UAEC21	AEC – 1 LIFE SKILL THROUGH YOGA	1	1	0	0	2
24UECF11	FC - Computer Application in Economics	1	0	1	0	2						30	23
						30							23
Semester – III							Semester – IV						
24UFTA31	Tamil – 3	4	1	0	0	3	24UFTA41	Tamil – 4	4	1	0	0	3
24UFEN31	English – 3	4	1	0	0	3	24UFEN41	English – 4	4	1	0	0	3
24UECC31	CC – 5 Macro Economics I	3	1	2	0	5	24UECC41	CC – 7 Macro Economics II	3	1	2	0	5
24UECC32	CC – 6 Mathematics for Economics	4	1	0	0	4	24UECC42	CC – 8 Indian Economy	4	1	0	0	4
24UECA31	EC - 3 1. Cost & Management Accounting I	4	1	0	0	4	24UECA41	EC - 4 1. Cost & Management Accounting II	4	1	0	0	4
24UECA32	2. Rural Economics						24UECA42	2. Research Methods in Economics					
24UECS31	SEC -4 Modern Banking and Insurance	1	0	1	0	2	24UECS41	SEC – 5 Principles of Marketing	1	0	1	0	2
24UAEC31	AEC – 2 HUMAN VALUES AND PROFESSIONALETHICS	1	1	0	0	2	24UAEC41	AEC – 3 ENVIRONMENTAL STUDIES	1	1	0	0	2
						30						30	23
Semester – V							Semester – VI						
24UECC51	CC -9 Monetary Economics	3	1	1	0	4	24UECC61	CC – 13 Fiscal Economics	3	1	1	0	4
24UECC52	CC- 10 Econometrics for Economics I	3	1	1	0	4	24UECC62	CC – 14 Econometrics for Economics II	3	1	1	0	4
24UECC53	CC – 11 Industrial Economics	2	1	1	0	4	24UECC63P	CC - 15 – Project	0	0	0	5	5
24UECC54	CC – 12 Agricultural Economics	3	1	0	0	4	24UECE61	EC – 7 1. International Economics	3	1	1	0	3
24UECE51	EC – 5 1. Environmental Economics	3	1	0	0	3	24UECE62	2. Urban Economics					
24UECE52	2. Gender Economics						24UECE63	EC – 8 1. Entrepreneurial Development	3	1	1	0	3
24UECE53	EC – 6 1. Tamil Nadu Economy	3	1	0	0	3	24UECE64	2. Behavioural Economics					
24UECE54	2. Financial Market & Institutions						24UECP61	PEC – 1 Economics for Investors	1	1	0	0	2
24UAEC51	AEC – 4 GENDER EQUALITY AND SOCIAL	1	1	0	0	2	24UECL61	SLC – 1 SOCIAL MEDIA MARKETING	0	0	0	3	2
24UECIN51	Internship					2							
24UCOIK51	Indian Knowledge System in Commerce and Management	1	1	-	-	-							
						30						30	26

Students must complete at least one online course (MOOC) from platforms like SWAYAM, NPTEL, or Nanmudalvan within the fifth semester. Additionally, engaging in a specified Self-learning Course is mandatory to qualify for the degree, and successful participation will be acknowledged with an extra credit of 2*.

1st YEAR: FIRST SEMESTER

Course Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UECC11	MICRO ECONOMICS-I	Core –I	3	1	2	0	5	6	25	75	100
Learning Objectives											
LO1	To Equip the economic behaviours of individual units of the society.										
LO2	To describes the consumer behaviour and utility analysis										
LO3	To impart knowledge on demand and supply concepts										
LO4	To identify the relevance of Production and returns to scale of Production										
LO5	To know the costs and profit maximization										
Unit	Content										Hours
1	Basic Concepts Definitions of Economics– Nature and Scope of Microeconomics – Positive and Normative Approaches- Inductive and Deductive Approaches - Consumers and Firms – Good and Services & Equilibrium Price -Decision Making–Rationality: Self-Interest – Trade-offs – Basics Economic Problems -Market Mechanism and Resource Allocation.										18
2	Utility Analysis Meaning of Utility : Features, types and measure–Ordinal Utility and Cardinal Utility–Total and Marginal Utility – Law of Diminishing Marginal Utility - Law of Equi-Marginal Utility- Indifference Curves– Properties IC–Marginal Rate of Substitution- Budget Line – Price Effects and Substitution Effects-Optimal Consumer Choice – Revealed Preference Theory – Samuelson and Hicks’ Approach										18
3	Demand and Supply Analysis Meaning of Demand – Types of Goods -Law of Demand – Determinants of Demand – Exceptions of Demand – Giffen Paradox & Veblen Effect- Elasticity of Demand and its Types - Engel’s Law - Supply – Law of Supply – Determinants of Supply –Elasticity of Supply and its Types- Market Equilibrium: Firm & Industry- Consumer Surplus and Producer Surplus										18
4	Production Analysis Production Function– Factors of Production Function -Law of Variable Proportions - Total Product, Average Product and Marginal Product -Laws of Returns to Scale- ISO-Quant: Properties of ISO-Quant -Types of Production Function:–Economies and Diseconomies of Scale										18
5	Cost and Revenue Concepts Costs – Fixed and Variable Costs - Average, Marginal, and Total Costs – Short Run cost curves and Long Run Costs – Implicit, Explicit, Sunk and Imputed Cost – Revenue: Meaning & Definition – Total, Average and Marginal Revenue –Relationship between AR and MR and Elasticity of Demand- Profit Maximization Rule –Break Even Point.										18
										Total	90

CO	Course Outcomes
CO1	Understand the meaning of basic concepts and the need for the study of Microeconomics.
CO2	Evaluate the Types of Utility and Consumer Behaviour.
CO3	Acquire knowledge on various market equilibrium, Demand and Supply Functions.
CO4	To understand the meaning of Production Functions.
CO5	To understand the theory of firms, Cost and Revenue.
Textbooks:	
1	Robert Pindyck and Daniel L. Rubinfeld, (2001) Micro Economics, Macmillan.
2	Hal R. Varian (2004), Intermediate Micro Economics (East-West Press: New Delhi).
3	Paul Krugman and Robin Wells, Micro Economics, Worth Publishers, 2020.
4	Ahuja H.L (2016) Principles of Microeconomics, S.Chand.
5	Timothy Taylor, Steven A Greenlaw and David Shapiro (2017) Principles of Economics, 12 th Media Services.
Reference Books:	
1	Koutsoyiannis (2003), Modern Microeconomics Palgrave Macmillan (UK) 2 nd Edition.
2	Gregory Mankiw (2012), Principles of Microeconomics Cengage India.
3	Ferguson C.E. (1970), Micro Economic Theory, (Homewood, U.S.A).
4	Dwivedi, D.N (2002), Microeconomics: Theory and Applications, 2 nd ed., Pearson.
5	Karl E. Case and Ray C Fair (2007), Principles of Economics, Pearson Prentice Hall Inc Singapore South Asia.
Web Resources	
1	http://www.econlib.org/library/enc/microeconomics.html
2	https://www.tutor2u.net/economics
3	https://www.economicsnetwork.ac.uk/
4	https://www.cliffsnotes.com/study-guides/economics/introduction/microeconomics
5	http://neconomides.stern.nyu.edu/networks/micnotes/micnotes.pdf

Mapping with Programme Outcomes and Programme Specific Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	3	3	3	3	2	3	3	3	3	2
CO2	3	3	3	3	2	3	3	3	3	3	3
CO3	3	3	3	3	3	3	3	3	3	3	3
CO4	3	3	3	3	3	3	3	3	3	3	2
CO5	3	3	3	3	3	3	3	3	3	3	3
Total	15	15	15	15	14	14	15	15	15	15	13
Average	3.0	3.0	3.0	3.0	2.8	2.8	3.0	3.0	3.0	3.0	2.6

3 – Strong, 2- Medium, 1- Low

1st YEAR: FIRST SEMESTER

Course Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UECC12	STATISTICS FOR ECONOMICS I	Core -2	3	1	0	0	3	4	25	75	100
Learning Objectives											
LO1	To know about collection of Data										
LO2	Basic concepts about Graphical Representation										
LO3	To know about the concept of Averages and its applications										
LO4	To gain knowledge on Dispersion										
LO5	To estimate Correlation and Regression values										
Unit	Content										Hours
1	Introduction and Collection of Data Introduction – Nature and Scope of Statistics – Uses and Limitations of Statistics – Data Collection – Primary and Secondary Data –Tools for collecting Primary Data.										12
2	Classification and Presentation of Data Classification and Tabulation of Data– Types - Frequency Distribution – Cumulative Frequency Distribution- Class Interval –Graphical Representation– Histogram – Frequency Polygon - Ogive Curve - Lorenz Curve.										12
3	Measures of Central Tendency Measures of Central Tendency- Requisites of a Good Average – Arithmetic Mean, Median, and Mode										12
4	Measures of Dispersion Absolute and Relative Measures of Dispersion – Range – Quartile Deviation – Mean Deviation – Standard Deviation										12
5	Correlation and Regression Correlation – Types of Correlation – Methods -Karl Pearson’s Coefficient of Correlation – Spearman’s Rank Correlation – Regression Equations										12
	Total										60

CO	Course Outcomes
CO1	Understand the overview of statistics and basic knowledge of statistical tools.
CO2	Differentiate Types of Data and its Classification.
CO3	Explain the concept of Averages and its application.
CO4	Know the concept of Dispersion and its application.
CO5	Calculate Correlation and estimate values using Regression.
Textbooks:	
1	Gupta. S.P (2005) Statistical Methods, Sultan Chand and Sons, New Delhi.
2	Sancheti. D.C and Kapoor V. K (2005) Statistical Theory Method and Application, Sultan Chand and Sons, New Delhi.
3	Dr.T.K.V.Iyengar, Dr.B.Krishna Gandhi S.Ranganantham, Dr.M.V.S.S.N Prasad, Probability and Statistics, S.Chand and Co, 2020.
4	Prof S.G.Vekatachalapathy and Dr.H.Premraj (2018) Statistical Methods Margham Publications.
5	Dominick Salvatore and Derrick Reagle, theory and problems of statistics and econometrics, Mc Graw Hill, (2002).
Reference Books:	
1	Saxena H.C, (2016) Elementary Statistics, S Chand and Company New Delhi.
2	Elhance D.N, (2004), Fundamentals of Statistics Kitab Mahal, New Delhi.
3	Manoharan M (2010), "Statistical Methods", Palani Paramount Publications, Palani.
4	R.S.N.Pillai and V. Bagavathi(2010), Statistics, Sultan Chand and Sons, New Delhi.
5	Dr.S.Sachdeva (2014) Statistics -Lakshmi Narain Agarwal.
Web Resources	
1	https://www.cuemath.com/data/statistics
2	https://stattrek.com/statistics/resources
3	https://testbook.com/learn/maths-mean-median-model
4	https://www.statistics.com
5	https://thisisstatistics.org/students

Mapping with Programme Outcomes and Programme Specific Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	2	3	3	2	3	3	3	3	2	2
CO2	3	3	3	3	3	3	3	3	3	3	3
CO3	2	2	3	2	2	2	2	2	3	2	2
CO4	2	3	2	3	3	3	3	3	2	3	3
CO5	3	2	3	3	2	2	3	2	3	2	2
Total	13	12	14	14	12	13	14	13	14	12	12
Average	2.6	2.4	2.8	2.8	2.4	2.6	2.8	2.6	2.8	2.4	2.4

3 – Strong, 2- Medium, 1- Low

1st YEAR: FIRST SEMESTER

Course Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UECA11	FINANCIAL ACCOUNTING - I	EC -1	3	1	0	0	3	4	25	75	100
Learning Objectives											
LO1	To learn basic accounting concepts and understand the concepts of rectification of errors and Bank reconciliation statement.										
LO2	To know the basis for calculating business profit.										
LO3	To familiarize with the accounting treatment of Depreciation										
LO4	To learn Techniques of average due dates										
LO5	To learn the methods of calculating profit for single entry system.										
Unit	Content										Hours
1	Introduction: Basic Accounting Concepts and Conventions - Groups interested in accounting - Accounting Equation - Journal - Ledger - Subsidiary Books - Trial Balance - Errors Types - Rectification of Errors - Bank Reconciliation Statement.										12
2	Final Accounts: Meaning - Preparation of Final Accounts - Trading Account - Profit and loss a/c Manufacturing a/c- Balance Sheet - Distinction between Trial Balance and Balance Sheet - Adjustment Entries.										12
3	Depreciation Accounting: Meaning of Depreciation - Methods of Providing Depreciation – Straight line Method - Diminishing Balance Method.										12
4	Average Due Date: Meaning - Practical uses of average due date - basic problems in Average Due Date										12
5	Single Entry System: Definition - Salient features - Limitations - Differences between Single Entry System and Double Entry System – Methods.										12
	Total										60

CO	Course Outcomes
CO1	To introduce the basic concepts and conventions to the students, this would help in development of accounting knowledge.
CO2	To develop the capability of students to prepare the Final Accounts of a Small Business Concern.
CO3	Compare the different methods of depreciation.
CO4	To enhance the Accounting Knowledge by introducing the practical uses of Average Due Date.
CO5	Introduce the concept of single entry system of Accounting which helps them to prepare the accounts from incomplete records.
Textbooks:	
1	T.S.Reddy & A.Murthy .Margham publication
2	S.N.Maheshwari,Financial Accounting, Vikas publications,Noida.
3	S.P.Jain &K.L.Narang Financial Accounting -1, Kalyani Publishers,New Delhi.
4	R.L.Gupta V.K.Gupta,Financial Accounting. Sultan Chand,New Delhi.
5	Jonathan E. Duchac, James M. Reeve, Carl S. Warren
Reference Books:	
1	Grewal, T.S.:Principles of Accountancy, S.Chand & Co,
2	Guta R.L. & Gupta,V.K.:Financial Accounting, Sultan Chand & Sons.
3	Gupta, R.L. & Radhaswamy:Advanced Accountancy, Sultan Chand & Sons.
4	Jain & Naurang:Advanced Accounts, Kalyani Publishers.
5	Shukla & Grewal:Advanced Accounts Vol.I, S.Chand & Co.,
Web Resources	
1	https://sitacnz.libguides.com/Accounting/Web_Resources
2	https://www.investopedia.com/terms/f/financialaccounting.asp

Mapping with Programme Outcomes and Programme Specific Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	3	3	3	3	3	3	3	3	3	2
CO2	3	3	3	3	3	2	3	3	3	2	3
CO3	3	2	3	2	3	3	3	3	3	2	3
CO4	3	2	3	2	3	3	2	3	3	2	2
CO5	3	2	3	3	3	3	3	3	2	3	3
Total	15	12	15	13	15	14	14	15	14	13	13
Average	3	2.4	3	2.6	3	2.8	2.8	3	2.8	2.6	2.6

3 – Strong, 2- Medium, 1- Low

1st YEAR: FIRST SEMESTER

Course Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UECS11	BASIC PRINCIPLES OF ECONOMICS (Non- Major Elective)	SEC - 1	1	0	1	1	2	2	25	75	100
Learning Objectives											
LO1	To provide knowledge with the basics concepts of Economics, importance and Problems										
LO2	To understand about some magnitudes in the basic concepts of consumer activity										
LO3	To analyze the understanding Levels of various price determinations in competition										
LO4	To analyze the understanding Levels of various price determinations in competition										
LO5	To know about process of money value and measurements										
Unit	Content										Hours
1	Concepts of Economics Meaning and Definition of Economics- Nature and Scope of Micro Economics - Positive and Normative Economics - Resources Allocation - Economic problems - Divisions of Economics.										6
2	Consumer Behaviour Meaning and Definitions of Utility: Total Utility and Marginal Utility - Cardinal & Ordinal utility: Law of Diminishing Marginal Utility - Consumer surplus and Consumer's Equilibrium - Demand and Law of demand - Types of Demand and kinds of Elasticity demand.										6
3	Market structure Meaning and Features of Market - Perfect competition: Characteristics of Perfect competition - Short and Long term price determination under the Perfect competition - Imperfect competition: Monopoly and its characteristics - Short and Long term price determination under the Monopoly - Monopolistic competition, Duopoly and Oligopoly.										6
4	Concepts of Macro Economics Meaning, Importance and scope of Macro Economics - Economic system - National Income, basic concepts of National Income and significance of National Income - Measurement of National Income - Unemployment and its types.										6
5	Basics of Monetary Economics Money: Meaning and Evolution of Money: Barter system - Functions of money - Money supply and its determination - Control of money supply - Inflation and Deflation - Reserve Bank of India.										6
Total										30	

CO	Course Outcomes
CO1	Understand the basic concepts to identify the Economics subject
CO2	Analyze how the consumer behave in a society and realize the Price determination
CO3	Know the knowledge of Market and its function
CO4	Understand the Economy role with different issues like National Income measurement
CO5	Understand about Monetary and Government activities together
Textbooks:	
1	Gregory Mankiw (2012), Principles of Microeconomics Cengage India.
2	Case & Fair, Principles of Economics Myeconlab series 8 th Edn.
3	Ahuja, H L, (2010), "Modern Economics", 15th Revised Edition, S. Chand & Company Ltd., New Delhi
4	Jhingan M.L. (2008), "Monetary Economics", Vrinda Publication (P) Ltd., Delhi-32
5	Sundharam, K.P.M. (2000), Money, Banking and International Trade, Sultan Chand & Sons, New Delhi
Reference Books:	
1	Robert Pindyck and Daniel L. Rubinfeld, (2001) Micro Economics, Macmillan.
2	M.L. Jhingan – Modern Micro Economics (Fourth Edition) (2012) - Virnda Publication Pvt Ltd
3	Ben S. Bernake – Principles of Micro Economics (2001) - MC Graw Hill Education
4	H.L. Ahuja, Macro Economics: Theory and Policy S.Chand, 2016
5	Paul, R.R. (2011), Monetary Economics, Kalyani publications, New Delhi.
Web Resources	
1	https://www.economicsnetwork.ac.uk
2	https://neconomides.stern.nyu.edu/networks/micnotes/micnotes.pdf
3	https://open.umn.edu/opentextbooks/subjects/economics
4	https://economics.mit.edu
5	www.rbi.org.in

Mapping with Programme Outcomes and Programme Specific Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	3	3	3	3	3	3	3	3	3	3
CO2	3	3	3	3	2	3	3	3	3	3	3
CO3	3	3	3	2	3	3	3	3	3	3	2
CO4	3	3	2	3	3	3	3	3	2	3	3
CO5	3	3	2	3	2	3	3	3	3	3	3
Total	15	15	13	14	13	15	15	15	14	15	14
Average	3	3	2.6	2.8	2.6	3	3	3	2.8	3	2.8

3 – Strong, 2- Medium, 1- Low

1st YEAR: FIRST SEMESTER

Course Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UECS12	DEMOGRAPHY	SEC-2	1	0	1	0	2	2	25	75	100
Learning Objectives											
LO1	To understand the meaning and scope of demography										
LO2	To discuss the basic concepts of demographic measurements.										
LO3	To describes the concepts of urbanisation and migration										
LO4	To evaluate the international aspects of population growth and tis environment										
LO5	To analyse the trends in population policy in India										
Unit	Content										Hours
1	Introduction Meaning Scope of Demography – Components of Population Growth – Theories of Population: Malthusian Theory, Optimum Theory and Theory of Demographic Transition.										6
2	Birth Rate, Death Rate and Fertility Census Data - Life Tables: Meaning and Uses – Reproductive and Child Health in India – Temporal and Spatial Variation in Sex Ratios –Crude Birth and Death Rate- Age Specific Birth and Death Rates – Standardized Birth and Death Rates –Fertility – Total Fertility Rate – Gross Reproduction Rate – Net Reproduction Rate										6
3	Migration and Urbanisation Migration and Types of Migration - Effects of Migration –Urbanisation, Urbanisation on Population –Recent Trends in Migration.										6
4	Population Trends Population Trends– International Aspects of Population Growth and Distribution – Population with comparing other countries-Environment Pattern of Age and Sex Structure in Developed and Developing Countries – Age Pyramids and Projections.										6
5	Population Policy in India Population Policy in India and its Evaluation – Population and Strategies for Human Development of Different Social Groups – National Population Commission – Demographic Dividend – National Youth Policy.										6
Total										30	

CO	Course Outcomes
CO1	Describe the various theories of Population Growth
CO2	Understand Demographic Indicators
CO3	Assess the causes and impact of Migration on rural-urban population distribution
CO4	Analyse the major demographic trends and their determinants
CO5	Evaluate Population Policy of India and analyse recent trends.
Textbooks:	
1	Jhingan, M. L, B.K. Bhatt, J.N. Desan (2003) Demography, Vrinda Publications, New Delhi
2	Rajendra K. Sharma (2007), Demography and Population Problems, Atlantic Publishers and Distributors Pvt. Ltd.
3	Jennifer Hickes Lundquist, Douglas L. Anderton and David Yaukey, "Demography: The Study of Human Population", Waveland Press Inc, 2015
4	Dudley L. Poston, Jr. and Leon F. Bouvier, "Population and Society: An Introduction to Demography", Cambridge University Press, 2015
5	Richard.K Thomas, "Concepts, Methods and Practical Applications in Applied Demography", Springer, 2018
Reference Books:	
1	Agarwala S.N. (1985), India's Population Problem, Tata McGraw-Hill, Bombay.
2	Bhende, A. and T.R. Kanitkar (1982), Principles of Population Studies, Himalaya Publishing House, Bombay.
3	Bogue, D.J. (1969), Principles of Demography, John Wiley, New York
4	Sarah Harper (2018), Demography: A Very Short Introduction, Oxford Press 2018.
5	Peter R. Cox, Demography- 5 th Edition, Cambridge University Press.
Web Resources	
1	https://data.worldbank.org/indicator/SP.POP.TOTL
2	https://www.iom.int
3	https://censusindia.gov.in
4	https://www.nationalgeographic.org/encyclopedia/demography

Mapping with Programme Outcomes and Programme Specific Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	3	3	3	3	3	3	3	3	3	3
CO2	3	3	3	3	3	3	3	3	3	2	3
CO3	3	3	3	3	3	3	2	3	3	3	2
CO4	3	3	3	3	3	3	3	3	3	3	3
CO5	3	3	3	3	2	3	3	3	3	3	3
Total	15	15	15	15	14	15	14	15	15	14	14
Average	3.00	3.00	3.00	3.00	2.8	3.00	2.8	3.00	3.00	2.8	2.8

3 – Strong, 2- Medium, 1- Low

1st YEAR: FIRST SEMESTER

Course Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UECF11	COMPUTER APPLICATIONS IN ECONOMICS Foundation Course	FC	1	0	1	0	2	2	25	75	100
Learning Objectives											
LO1	To know the basic concepts of Computer Applications										
LO2	To apply the MS office and its basic operations										
LO3	To describes the data processing techniques using various MS office operations										
LO4	To gain knowledge on application of MS Excel										
LO5	To know mathematical and statistical functions for Economic Analysis										
Unit	Content										Hours
1	Introduction to Computers 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.										6
2	MS Office 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.										6
3	Data Processing 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.										6
4	Introduction to MS Excel Calculation Operators: Arithmetic Operators – Comparison Operators – Logical Operations- Excel Tool Bars- Formatting of Text, Tables and Graphs.										6
5	Application of MS Excel in Statistics and Economics 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.										6
Total										30	

CO	Course Outcomes
CO1	Understand basic components of Computer and its functions.
CO2	Gain Knowledge of MS Office.
CO3	Outline data processing techniques of MS Excel.
CO4	Understand basic Operation in MS Excel.
CO5	Apply MS Excel in Statistics and Economics.
Textbooks:	
1	Hem Chand Jain and H.N.Tiwari (2019) Computer Applications In Business ,5 th Edition Taxmann Publication.
2	Dhanasekaran.K(2010) Computer Applications In Economics Vrinda Publications.
3	Asthana and BrajBhushan (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
Reference Books:	
1	Oscar Afonso , Paulo B. Vasconcelos, Computational Economics: A Concise Introduction, Routledge; 1 st Edition
2	Alexis Leon and Mathews Leon; (2001), Introduction to Computers with Ms-Office 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 Management Dream Tech
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

Mapping with Programme Outcomes and Programme Specific Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	3	3	3	3	3	3	3	3	3	3
CO2	3	3	3	3	3	3	3	3	3	3	3
CO3	3	3	3	3	3	3	2	3	3	2	3
CO4	3	3	3	3	3	3	3	3	3	3	3
CO5	3	3	3	3	3	3	3	3	3	3	3
Total	15	15	15	15	15	15	14	15	15	14	15
Average	3.0	3.0	3.0	3.0	3.0	3.0	2.8	3.0	3.0	2.8	3.0

3 – Strong, 2- Medium, 1- Low

1st YEAR: SECOND SEMESTER

Course Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UECC21	MICRO ECONOMICS II	Core -3	3	1	2	0	5	6	25	75	100
Learning Objectives											
LO1	To the knowledge of the students about the market structures.										
LO2	To analyze the monopoly and price discrimination in the market										
LO3	To probe the monopolistic and other competitions										
LO4	To enrich the students about the Theories of Distribution										
LO5	To understand the concepts of General Equilibrium, Efficiency and Welfare Economics										
Unit	Content										Hours
1	Perfect Competition Classification of Markets –Features of Perfect Competition – Equilibrium condition under the market in Short -Run and Long-Run period – Price Taker of the Firm – Influence of equilibrium in Firm and Industry and changes of Demand & Supply in the Market										18
2	Monopoly and Price Discrimination Definition and Meaning of Monopoly - features – Barriers to Entry of firm – Demand and Marginal Revenue - Equilibrium under Monopoly – Welfare cost – Price Discrimination in Monopoly and its Degrees – Dumping - Comparison of Monopoly and Competitions - Profit Maximization - Policies to Control Monopoly.										18
3	Monopolistic and Oligopoly Competition Features of Monopolistic Competition— Product Differentiation– Market Equilibrium in Short Run and Long Run – Group and Industry Equilibrium– Excess Capacity -Oligopoly – Kinked Demand Curve – Price Leadership - Duopoly Models.										18
4	Distribution Theory Functional and Personal Distribution – Marginal Productivity Theory of Distribution – Rent Theories: Ricardian Theory – Wage Theories – Interest Theories: J.M. Keynes – Profit Theories.										18
5	General Equilibrium & Welfare Economics Meaning of General Equilibrium – Efficiency - Importance of Welfare – causes and Economics : Welfare Criterion – Market Failure – Solutions - Externalities.										18
Total										90	

CO	Course Outcomes
CO1	Understand the market structure and equilibrium conditions in Perfect Competition.
CO2	Clear Knowledge about Monopoly market and important activity in the market
CO3	Analyze the Market Equilibrium under Monopolistic, Oligopoly and Duopoly Models.
CO4	Know the importance of theories of Distribution.
CO5	Evaluate the aspects of General Equilibrium and Welfare Economics.
Textbooks:	
1	Robert Pindyck and Daniel L. Rubinfeld, (2001) Micro Economics, Macmillan.
2	Hal R. Varian (2004), Intermediate Micro Economics East-West Press: New Delhi.
3	Walter Nicholson and Christopher Snyder, Micro Economic Theory - Basic Principles and Extensions, Cengage Learning India Pvt, Ltd, 12th Edition, 2016.
4	Paul Krugman and Robin Wells, Micro Economics, Worth Publishers, 2020.
5	Paul Samuelson William .d. Nordhaus, "Economics", 19th Edition Mc Graw Hill, New Delhi, 2011.
Reference Books:	
1	Koutsoyiannis (2003), Modern Microeconomics, Palgrave Macmillan (UK) 2 nd Edition.
2	John Sloman. "Economics", Pearson Education, India, 2011.
3	Karl.E.Case, Ray.C.Fair; "Principles of Economics "; Pearson 2012.
4	Mansfield, Edwin and Yohe, Gary (2010): Microeconomics 4 th ed, Viva-Norton Indian Edition
5	Debes Mukherjee, "Essence of Micro and Macro Economics", New Central Book Agency; 3rd Revised edition edition (1 January 2010)
Web resources:	
1	http://open.umn.edu/opentextbooks/subjects/economics

Mapping with Programme Outcomes and Programme Specific Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	3	3	3	3	2	3	3	3	3	2
CO2	3	3	3	3	2	3	3	3	2	3	3
CO3	3	3	3	3	3	3	2	3	3	3	3
CO4	3	3	3	3	3	2	3	3	3	3	3
CO5	3	3	3	3	3	3	2	3	3	2	3
Total	15	15	15	15	14	13	13	15	14	14	14
Average	3.0	3.0	3.0	3.0	2.8	2.6	2.6	3.0	2.8	2.8	2.6

3 – Strong, 2- Medium, 1- Low

1st YEAR: SECOND SEMESTER

Course Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UECC22	STATISTICS FOR ECONOMICS II	Core-4	4	1	0	0	4	5	25	75	100
Learning Objectives											
LO1	To understand the various methods of index numbers and its applications										
LO2	To analyze the components and measurement of time series data										
LO3	To know the theories of probability and its applications										
LO4	To probe the research design and sampling methods										
LO5	To acquire knowledge on the application of test of Hypothesis in Research										
Unit	Content										Hours
1	Index Numbers Index Numbers – Methods – Unweighted and Weighted Index Numbers – Aggregate and Relative Index Numbers – Chain and Fixed based Index Numbers – Test of Adequacy of Index Numbers – Applications. Chapter: 13, Page No. 321-331, 334-344.										15
2	Time Series Analysis Definition– Components and Measurement– Graphic Method - Methods of Semi Average, Moving Averages and Method of Least Squares-Applications. Chapter: 12, Page No.295-299, 301-310.										15
3	Theory of Probability Introduction to Probability – Theorems of Probability: Addition and Multiplication Theorem – Binomial, Poisson and Normal – Properties- Uses and Applications. Chapter: 14,15,16,17 Page No.370-374, 409-425, 426-437, 438-455.										15
4	Sampling 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-Applications Chapter: 4 Page No. E-4.1 – E-4.21										15
5	Testing of Hypothesis Hypothesis Testing – Meaning, Types, Sources and Functions of Hypothesis – Test: Null and Alternative Hypothesis - One way and Two way ANOVA. Chapter: 22 Page No.22.1-22.29										15
	Total										75

CO	Course Outcomes
CO1	Gain Knowledge on the Index Numbers
CO2	Analyze the importance of Time Series Data and its measurement
CO3	Understand the knowledge of Probability
CO4	Identify the various Sampling Methods
CO5	Acquire Knowledge on Hypothesis Testing
Textbooks:	
1	Dr.P.R.Vittal, Business Mathematics and Statistics, Margham Publications, Chennai, 2006. (Unit – 1,2,3 &5)
2	Dr.S.P Gupta, Statistical Methods, Sultan Chand & Sons, 1994. (Unit - 4)
Reference Books:	
1	R.S.N. Pillai & V. Bagavathi, Statistics: Theory and Practice, S.Chand & Company Ltd. New Delhi, 2012
2	Anderson, Sweeney and Williams, Statistics for Business and Economics, Cengage, 2012
3	Prof S.G. Vekatachalapathy and Dr.H.Premraj, Statistical Methods, Margham Publications, 2018.
4	Morris H.De Groot Mark J. Schervish, Probability and Statistics, S. Chand and Co, 2020.
5	Sancheti and Kapoor, Statistics, Sultan & Sons New Delhi, 2015.
Web resources:	
1	https://stattrek.com/statistics/resources
2	https://www.cuemath.com/data/f-test/
3	https://www.statistics.com/
4	https://thisisstatistics.org/students/
5	https://oli.cmu.edu/courses/probability-statistics-open-free/

Mapping with Programme Outcomes and Programme Specific Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	3	3	3	3	3	3	3	3	3	3
CO2	3	3	3	3	3	3	3	3	3	3	3
CO3	3	3	3	3	3	3	3	3	3	3	3
CO4	3	3	3	3	2	3	2	3	3	3	3
CO5	3	2	2	2	3	2	3	3	3	3	3
Total	15	14	14	14	14	14	14	15	15	15	15
Average	3.00	2.8	2.8	2.8	2.8	2.8	2.8	3.00	3.00	3.00	3.00

3 – Strong, 2- Medium, 1- Low

1st YEAR: SECOND SEMESTER

Course Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UECA21	FINANCIAL ACCOUNTING II	EC - 2	4	1	0	0	4	5	25	75	100
Learning Objectives											
LO1	To understand the preparation of Branch accounts.										
LO2	To Understand the allocation of Expenses under Departmental Accounts.										
LO3	Prepare different kinds of accounts such as Hire purchase										
LO4	Gain an understanding about partnership accounts relating to Admission and retirement.										
LO5	Provides knowledge to the learners regarding Partnership Accounts relating to dissolution of firm.										
Unit	Content										Hours
1	Branch Accounts Branch – Dependent Branches: Accounting Aspects - Debtors system -Stock and Debtors system – Distinction between Wholesale Profit and Retail Profit – Independent Branches (Foreign Branches excluded)										15
2	Departmental Accounts Departmental Accounts: Basis of Allocation of Expenses– Inter-Departmental Transfer at Cost or Selling Price. Preparation of Profit and Loss Account.										15
3	Hire Purchase System Hire Purchase System – Accounting Treatment – Calculation of Interest - Default and Repossession - Hire Purchase Trading Account – Differences between Hire Purchase and Instalment System .										15
4	Partnership Accounts – I Partnership Accounts: Fundamentals of Partnership - Partnership deed – Admission of a Partner – Revaluation Account – Goodwill- Methods of valuation of Goodwill-Preparation of Balance Sheet after admission - Partners Capital Account —Retirement of a Partner – Death of a Partner.										15
5	Partnership Accounts – II Dissolution of Partnership - Methods – Preparation cash account and settlement to partners– Realization account – Preparation of Balance Sheet – Insolvency of partners (Garner Vs Murray).										15
									TOTAL	75	
THEORY 20% & PROBLEMS 80%											

CO	Course Outcomes
CO1	Prepare Branch accounts
CO2	Prepare Departmental Accounts
CO3	Evaluate the Hire purchase accounts and Instalment systems
CO4	Understand the accounting treatment for admission and retirement in partnership
CO5	Know Settlement of accounts at the time of dissolution of a firm.
Textbooks:	
1	T.S. Reddy & A. Murthy, Financial Accounting, Margam Publishers, Chennai.
2	R.L. Gupta and V.K. Gupta, "Financial Accounting", Sultan Chand, New Delhi.
Reference Books:	
1	Dr. S.N. Maheswari: Financial Accounting, Vikas Publications, Noida.
2	Dr. Venkataraman & others (7 lecturers): Financial Accounting, VBH, Chennai.
3	Dr. Arulanandan and Raman: Advanced Accountancy, Himalaya publications, Mumbai.
4	Tulsian, Advanced Accounting, Tata MC. Graw hills, India.
5	Charumathi and Vinayagam, Financial Accounting, S.Chand and sons, New Delhi.
6	Radhaswamy and R.L. Gupta: Advanced Accounting, Sultan Chand, New Delhi.
7	S P Jain and K. L. Narang: Financial Accounting- I, Kalyani Publishers, New Delhi.
Web resources:	
1	https://www.investopedia.com/terms/b/branchaccounting.asp#:~:text=Key%20Takeaways,Branch%20accounting%20is%20a%20bookkeeping%20system%20in%20which%20separate%20accounts,for%20a%20designated%20accounting%20period.
2	https://www.freshbooks.com/enza/hub/accounting/departamental_accounting?srsId=AfmBOorIMJqQMGUF2ugNgPZ4Jz4rTBLzL2_UVo_9amezrvwmMipsa6
3	https://fincent.com/glossary/hire-purchase
4	https://blog.ipleaders.in/legal-consequences-of-admission-or-retirement-of-partners/

Mapping with Programme Outcomes and Programme Specific Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	2	3	3	2	3	2	2	3	2	2
CO2	3	2	3	3	3	2	2	2	3	2	2
CO3	3	2	2	3	3	2	2	2	3	2	2
CO4	3	2	3	3	2	2	2	2	3	2	2
CO5	3	3	3	3	3	3	3	3	3	3	3
Total	16	11	14	15	14	12	11	11	15	11	11
Average	3.2	2.2	2.8	3.0	2.8	2.4	2.2	2.2	3.0	2.2	2.2

3 – Strong, 2- Medium, 1- Low

1st YEAR: SECOND SEMESTER

Course Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UECS21	BUSINESS COMMUNICATIONS	SEC -3	1	0	1	0	2	2	25	75	100
Learning Objectives											
LO1	To enable the students to know about the principles, objectives and importance of communication in commerce, advancement in communication.										
LO2	To develop the students to understand about exports and imports in trade enquiries										
LO3	To make the students aware about various types of business correspondence.										
LO4	To develop the students to write business reports.										
LO5	To enable the learners to update with various types of interviews										
Unit	Content										Hours
1	Introduction to Business Communication Importance of Effective Communication - Barriers to Communication – Modern Communication Methods — E- Communication – Podcast, Virtual Meetings - Business Letters: Need - Functions – Layout – Global Communication- Characteristics of Verbal Non-Verbal Communication.										6
2	Trade Enquiries Exports and Imports – Balance of payments – Trade Enquiries – Orders and their Execution – Credit and Status Enquiries – Complaints and Adjustments – Collection Letters – Sales Letters – Circulars – Quotations – tenders.										6
3	Banking & Insurance Correspondence Banking Correspondence – Insurance Correspondence – Difference between Life and General Insurance – Fire Insurance – Marine Insurance – Agency Correspondence –Types – Letters to editors – Application for appointment - specimen – cancellation, acknowledgement, refusal and execution of order.										6
4	Secretarial Correspondence Company Secretarial Correspondence – Duties of Secretary – Classification of Secretarial Correspondence – Specimen letters – Agenda and Minutes of Report writing – Types of Reports –Preparation of Report Writing.										6
5	Interview Preparation Application Letters – Preparation of Resume – Interview: Various Interviews Techniques – Creating & maintaining Digital Profile – Strategic importance of E- communication - Business Report presentation.										6
	Total										30

CO	Course Outcomes
CO1	Acquire the basic concept of business communication.
CO2	Exposed to effective business letter styles
CO3	Paraphrase the concept of various correspondences.
CO4	Prepare Secretarial Correspondence like agenda, minutes and various business reports.
CO5	Acquire the skill of preparing an effective resume.
Textbooks:	
1	Kathiresan and Dr. Radha, Business Communication, Prasanna Publishers and Distributors, Triplicane, Chennai.
2	Gupta and Jain, Business Communication, Sahityabahvan Publication, NewDelhi.
3	K.P. Singha, Business Communication, Taxmann, New Delhi.
4	R. S. N. Pillai and Bhagavathi. S, Commercial Correspondence, Chand Publications, New Delhi.
5	M. S. Ramesh and R. Pattenshetty, Effective Business English and Correspondence, S. Chand & Co, Publishers, New Delhi.
Reference Books:	
1	V.K. Jain and Om Prakash, Business communication, S.Chand, New Delhi.
2	Rithika Motwani, Business communication, Taxmann, New Delhi.
3	Shirley Taylor, Communication for Business-Pearson Publications - New Delhi.
4	Bovee, Thill, Schatzman, Business Communication Today - Pearson Education, Private Ltd- NewDelhi.
5	Penrose, Rasbery, Myers, Advanced Business Communication, Bangalore.
6	Dr. K. Sundar, Business Communication, Vijay Nicole Print.
Web resources:	
1	https://studiousguy.com/business-communication/
2	https://www.managementstudyguide.com/business_communication.htm

Mapping with Programme Outcomes and Programme Specific Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	3	3	3	3	3	3	3	3	3	3
CO2	3	3	3	3	3	3	3	2	3	3	3
CO3	3	3	3	3	3	3	3	3	3	2	3
CO4	3	3	3	3	2	3	3	3	3	3	2
CO5	3	3	3	3	3	3	3	3	2	3	3
Total	15	15	15	15	14	15	15	14	14	14	14
Average	3.0	2.8	3.0	3.0	2.8	3.0	3.0	2.8	2.8	2.8	2.8

3 – Strong, 2- Medium, 1- Low

2nd YEAR: THIRD SEMESTER

Course Code	Course Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
24UECC31	MACRO ECONOMICS-I	Core -5	3	1	2	0	5	6	25	75	100
Learning Objectives											
LO1	To understand the national income and its components.										
LO2	To analyze the classical theory of full employment and its advantages.										
LO3	To illustrate the Keynesian underemployment theory and its applications.										
LO4	To explain the inflation and its types.										
LO5	To evaluate the theories of consumption and its functions.										
UNIT	Contents										Hours
1	National Income National Income: Definition –Concepts: GDP, GNP and Personal Income, Real Income and Per Capita Income- NI Measure and Difficulties in NI measurement: Expenditure, Income and Value Added Approaches- Real and Nominal GDP - Circular Flow of Income and Expenditure.										18
2	Theory of Employment Introduction – Rate of Interest – Assumptions of Classical Theory – Say’s Law – Real Wage and Quantity Theory of Money - Price Flexibility - Employment and Output determination in Classical Model.										18
3	Under Employment: Keynesian Revolution Great Depression – Underemployment Equilibrium- Effective Demand: ADF & ASF Components - Wage Rigidity – Liquidity Preference - Consumption Function – Investment: Marginal Efficiency of Capital - Multiplier and Accelerator Principles.										18
4	Inflation Meaning and Definition - Types of Inflation - Measures and Control of Inflation: Demand Pull Inflation -Cost Push Inflation - Mark-up Inflation–Consumer Price Index – Wholesale Price Index – Producer Price Index – Deflation & Control of Deflation.										18
5	Theories of Consumption Meaning and Definition - Absolute Income Hypothesis – Life Cycle Hypothesis – Duesenberry Relative Income Hypothesis – Friedman’s Permanent Income Hypothesis.										18
Total										90	

Course Outcomes	
Cos	On completion of this course, students will be able to
CO1	Explain the main structure of Macroeconomics and the components of National Income.
CO2	Outline the importance of Classical Theory of Employment and its advantages.
CO3	Evaluate the Keynesian Underemployment Theory.
CO4	Analyze the types of inflation and its impact on Economy.
CO5	Examine the theories of consumption and its functions.
Textbooks	
1	H.L. Ahuja, Macro Economics: Theory and Policy S.Chand, 2016
2	Vaish M.C.(2003) Macro Economic Theory, S.Chand & Company Ltd. New Delhi.
3	Paul Krugman and Robin Wells(2015) Macroeconomics Worth Publisher
4	Blanchard, Olivier and David R. Johnson (2013) Macroeconomics, Pearson.
5	Andrew B. Abel and Ben S.Bernanke, Macro Economics, Pearson Education, Inc., 7th Edition, 2011.
Reference Books	
1	Rudiger, Dornbusch, Stanley Fischer, and Richard Startz (2000), Macroeconomics, Tata McGraw-Hill Publishing Company, New Delhi.
2	Parkin, M., 2014. Macro Economics. 11 th Edition. Essex: Pearson
3	N. Gregory Mankiw (2010). Macroeconomics (7th ed.). Worth Publishers. ISBN 978-1-4292-1887-0.
4	Mueller, M.G. (Ed.) (1978), Readings in Macroeconomics, Surjeet Publications, New Delhi
5	Roger E.A. Farmer (2002), Macro Economics, Thompson Asia Pvt Ltd., Singapore.
Web Resources	
1	http://www2.econ.iastate.edu/tesfatsi/sources.html
2	https://www.khanacademy.org/economics-finance-domain/macroeconomics .
3	https://www.econlib.org
4	https://economics.mit.edu/
5	https://hbswk.hbs.edu/

Mapping with Programme Outcomes and Programme Specific Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	3	3	3	3	2	3	3	3	3	2
CO2	3	3	3	3	2	3	3	3	2	3	3
CO3	3	3	3	3	3	3	2	3	3	3	3
CO4	3	3	3	3	3	2	3	3	3	3	3
CO5	3	3	3	3	3	3	2	3	3	2	3
Total	15	15	15	15	14	13	13	15	14	14	14
Average	3.0	3.0	3.0	3.0	2.8	2.6	2.6	3.0	2.8	2.8	2.8

Strong-3 Medium-2 Low-1

2nd YEAR: THIRD SEMESTER

Course Code	Course Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
24UECC32	MATHEMATICS FOR ECONOMICS	Core-6	4	1	0	0	4	5	25	75	100
Learning Objectives											
LO1	To integrate the concepts of Economics with Mathematical tools.										
LO2	To use Matrices operations in Economics.										
LO3	To apply the applications of Matrix algebra and its uses										
LO4	To know the differentiation and its functions										
LO5	To understand the second order derivatives and its maxi mini function										
UNIT	Contents									Hours	
1	Introduction Variables, Constants– Uses and limitations of Mathematics in Economics – Linear function, Functions of one or more variables –Equations and its types									12	
2	Matrix Algebra and Determinants Types of Matrices- Matrix Operations – Addition – Subtraction-Matrix Multiplication – Transpose –Determinants, Inverse(Problems).									15	
3	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.									18	
4	Differentiation Limits and Continuity –Differentiability of a Function –Economic Applications: Marginal and Elasticity Concepts – Relationship between AR, MR and Price Elasticity of Demand – Relationship Between Average and Marginal Cost.									15	
5	Optimization (Single Variable) Second Order Derivatives–Maximization and Minimization of a Function– Economic Applications – Output and Revenue Maximization -Cost Minimization – Profit Maximization under Perfect Competition, Monopoly, Discriminating Monopoly (Problems).									15	
	Total									75	
Theory40% Problem 60%											

Course Outcomes	
Cos	The Student will be able to
CO1	Understand Basic Concepts of Mathematics and its application
CO2	Analyse the relevance of the Types of Matrices
CO3	Calculate optimal values in the system of Equations and the importance of Input-Output Analysis
CO4	Gain knowledge of the rules of Differentiation and its Economic Applications
CO5	To optimize single variable functions in Economics
Text Books	
1	B.C. Mehta , G.M.K. Madnani (2019) Mathematics for Economists Sultan Chand and Sons (Unit II Only)
2	D.Bose -An Introduction to Mathematical Economics -Himalaya Publishing House (Unit I, III, IV, V)
Reference books	
1	Carl P.Simon Lawrence Blumu –Mathematics for Economists.
2	Chiang, A. C., Fundamental Methods of Mathematical Economics, McGraw-Hill, 1984
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.
Website and e-Learning Source	
1	https://www.coursera.org/learn/mathematics-for-economists

Mapping with Programme Outcomes and Programme Specific Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	3	3	2	3	3	3	2	3	2	2
CO2	2	3	3	3	3	3	2	2	3	2	3
CO3	3	3	3	2	3	3	3	2	3	2	2
CO4	2	3	3	2	3	3	2	2	3	2	2
CO5	3	3	2	3	3	3	3	2	3	2	3
Total	13	15	14	12	15	15	13	10	15	10	12
Average	2.6	3	2.8	2.4	3	3	2.6	2	3	2	2.4

3 –Strong, 2-Medium, 1-Low

2nd YEAR: THIRD SEMESTER

Course Code	Course Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
24UECA31	COST AND MANAGEMNT ACCOUNTING I	EC -3	4	1	0	0	4	5	25	75	100
Learning Objectives											
LO1	To understand the concept of Cost Accounting										
LO2	To familiarise with Cost Sheet Preparation										
LO3	To create and inculcate the knowledge on the Techniques of Inventory Control										
LO4	To aware about the Management Accounting Concepts										
LO5	To create knowledge on preparation of Budget.										
UNIT	Contents									Hours	
1	Introduction to Cost Accounting Definition of Cost, Costing, Cost accounting - Scope and objectives of Cost Accounting – Cost accounting Vs Financial accounting - Difference between Cost accounting and Management Accounting - Advantages and limitation of cost accounting.									10	
2	Cost Sheet Elements of Cost and Purpose of Cost Sheet, Preparation of cost Sheet and Tender -Closing stock valuation.									15	
3	Inventory Control Inventory – Importance of Inventory Control – Method of Inventory control - ABC analysis -Economic Ordering Quantity (EOQ) - Determination of stock levels - Pricing of material issues - FIFO, LIFO, HIFO, Simple Average, Weighted Average, standard price.									20	
4	Introduction to Management Accounting Management accounting - Characteristics - Scope - Objective and function - Tools and techniques of Management Accounting - Advantage and limitation of management accounting.									10	
5	Budgeting and Budgetary Control Budget - Objectives of budgetary control - Essentials of successful of budgetary control - Types of Budget - Sales budget, Production budget, Cash budget, Flexible budget - Advantage and limitation of budget control.									20	
	Total									75	
Theory40% Problem 60%											

Course Outcomes	
Cos	On completion of this course, students will be able to
CO1	Understand the basic concepts of cost accounting and relationship between Cost and Management accounting
CO2	Prepare the cost Sheet and Quotation for tender.
CO3	To analyze and evaluate the information for determination of stock levels
CO4	Know the basic concepts of Management Accounting and relationships between Financial, Cost and Management Accounting
CO5	Prepare budgets and applying the techniques in various functional budgets.
Textbooks	
1	T.S. Reddy, A. Murthy – Cost Accounting- Margham Publication, Chennai.
2	Hari prasad Reddy, Cost and Management Accounting, Margham Publication, Chennai
3	T.S. Reddy, A. Murthy, Management Accounting, Margham Publications.
Reference Books	
1	Jain and Narang, Cost Accounting, Kalyani Publications
2	Sexena, Management Accounting, Sultan Chand Publications
3	Kishore Cost and Management Accounting, Taxman Allied Services.
Web Resources	
1	CostAndManagementAccounting.pdf
2	ICAI - The Institute of Chartered Accountants of India
3	Cost-Accounting-Book.pdf
4	Budget and Budgetary Control Objectives, Importance, Example

Mapping with Programme Outcomes and Programme Specific Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	3	2	2	1	1	1	1	2	1	2
CO2	3	3	2	2	1	1	1	1	2	3	3
CO3	3	3	3	2	2	1	1	1	2	3	3
CO4	3	2	2	2	1	1	1	1	1	2	1
CO5	3	3	3	3	3	2	1	1	2	3	3
Total	15	14	12	11	08	06	05	05	09	12	12
Average	3	2.8	2.4	2.2	1.6	1.2	1	1	1.8	2.4	2.4

3 –Strong, 2-Medium, 1-Low

2nd YEAR: THIRD SEMESTER

Course Code	Course Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
24UECA32	RURAL ECONOMICS	EC-3 (2)	4	1	0	0	4	5	25	75	100
Learning Objectives											
LO1	To understand the nature and scope of Rural economics.										
LO2	To understand the causes and consequences of rural unemployment and the role of government scheme in poverty alleviation.										
LO3	To describe the concepts of Agricultural Marketing of role of funding agencies.										
LO4	To study the role of Rural Development Programme for the growth of Rural economy.										
LO5	To analyze the economic trends in Rural-Agricultural sector.										
UNIT	Contents									Hours	
1	Introduction Nature and Scope - Characteristics of Rural Economy - Social Aspects of India's Rural Areas - Barter System - Non-monetized Sector - Economic Characteristics - Land and Asset Distribution - Agricultural Income - Vagaries of Monsoon.									15	
2	Rural Unemployment Rural Unemployment- Types and Magnitude , Agricultural Labour – Marginal Productivity – Agricultural Wage – Minimum Wages Act, Rural Employment Programmes – MGNREGA – Rural Poverty – Nature, Causes and Consequences – Poverty Alleviation Programmes.									15	
3	Agricultural Marketing Agricultural Marketing – Minimum Support Price linked to Production Cost - Development – eNAM System: online Agricultural Marketing - Trading Facility - Single Window Services of APMC - Sources of Rural Credit: Unorganized: Money lenders, Indigenous Bankers, Organized: Co-operatives, Commercial Banks and Regional Rural Banks – NABARD.									15	
4	Rural Development Programme Rural Development Programme – Pradhan Mantri Sadak Yojana – Pradhan Mantri Awaas Yojana –National Rural Health Mission – National Rural Livelihood Mission.									15	
5	Trends Rural Industrialization - Agro-based Industries – Cottage Industries, Rural Artisans - Cooperative Societies – Rural Marketing and Innovative AI Applications - Cooperative Marketing - Role of Self Help Groups – PURA Model – Recent Government Policy for Rural Development.									15	
Total									75		

Course Outcomes	
COs	On completion of this course, students will be able to
CO1	Explain the nature and scope of Rural Economy.
CO2	To evaluate the causes, consequences and remedies of poverty a rural unemployment.
CO3	Evaluate the roe of funding agencies in promoting agricultural production and marketing.
CO4	Appreciate the role Rural Development Programme for the growth of rural economy.
CO5	Evaluate the recent economic trends in the rural agricultural setors.
Textbooks	
1	Agarwal A.N., KundanLal, (1990), Rural Economy of India, Vikas, Delhi.
2	Choudry. C.M, (2009), Rural Economics- Jaipur- Sublime Publication.
3	Patel, K.V, Shan A.C, and Mello L.D, (1984), Rural Economics, Himalaya, Mumbai.
4	Prasad B.K. Rural Development, (2003), Concept, Approach and Rural Strategy Himalaya, Mumbai.
Reference Books References	
1	DhingraI.C., (2010), The Indian Economy, Sultan Chand, New Delhi.
2	L.C. Jain, (1985), Grass without Roots: Rural Development Under Government Auspices, Sage Publications, New Delhi.
3	Peter R. Cox, Demography- 5 th Edition, Cambridge University Press.
Web Resources	
1	https://data.worldbank.org/indicator/SP.POP.TOTL
2	https://www.iom.int/
3	https://censusindia.gov.in
4	https://enam.gov.in/web/dashboard/stakeholder-data

Mapping with Programme Outcomes and Programme Specific Outcomes

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PSO1	PSO2	PSO3
CO 1	3	3	3	3	3	3	3	3	3	2	2
CO 2	3	3	3	3	3	3	3	3	3	3	2
CO 3	3	3	3	3	3	3	3	3	2	3	3
CO 4	3	3	3	3	2	3	2	3	3	3	2
CO 5	3	3	3	2	3	2	3	3	3	3	3
Total	15	14	15	14	14	15	14	15	14	14	12
Average	3.00	2.8	3.0	2.8	2.8	2.8	2.8	3.00	2.8	2.8	2.4

Strong-3 Medium-2 Low-1

2nd YEAR: THIRD SEMESTER

Course Code	Course Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
24UECS31	MODERN BANKING AND INSURANCE	SEC- 4	1	0	1	0	2	2	25	75	100
Learning Objectives											
LO1	To discuss the nature, role and types of modern banking.										
LO2	To explain the role of RBI in regulation monetary policy.										
LO3	To know the types and the role of insurance in economic development.										
LO4	To understand the meaning of insurance contract and risk management.										
LO5	To know the Major Insurance Legislation in India and its growth.										
UNIT	Contents									Hours	
1	Banking Commercial Banks- Functions of Commercial Banks- Private and Public Sector Banks – MSME Act and Technological Supports – Online Loan Appraisals - Credit Creation – Role of Commercial Banks - Digital Banking-Tools –Methods									6	
2	Central Banks RBI - Functions of a Central Bank – Non-Banking Financial Institution (NBFI) - Objectives and Instruments of Monetary Policy – Effectiveness and Limitations									6	
3	Introduction to 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									6	
4	Insurance Contract and Risk Management Meaning of Contract- Insurable Interest - Principle of Indemnity and other Principles - Risk Management: Definition and Types- Management of Risk through Identification Analysis and Control – Keyman Insurance.									6	
5	Insurance Institutions in India Major Insurance Legislation- Growth of Industry- Agricultural Insurance- Health Insurance- Re-insurance- Entry of Private Insurance Companies- Insurance Act. LIC Act, GIC Act. IRDA Act.									6	
	Total									30	

Course Outcomes	
COs	On completion of this course, students will be able to
CO1	Recollect the financial tools and methods of modern banking operations.
CO2	Understand and describe the role of central banking operations in regulating monetary policy.
CO3	Explain various types and the role insurance in economic development.
CO4	Evaluate the insurance policies and risk management and recommend the right policies for use.
CO5	Evaluate the major insurance legislation in India and its growth.
Textbooks	
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
Reference Books	
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	Lewis, M. K. (1992). Modern Banking in Theory and Practice. Revue Economique, 203-227.
4	Tripathy, N. P., & Pal, P. (2005). Insurance: Theory and practice. PHI Learning Pvt. Ltd.
5	Muraleedharan, D. (2014). Modern Banking: Theory and Practice. PHI Learning Pvt. Ltd..
Web Resources	
1	https://www.irdai.gov.in
2	https://rbi.org.in
3	https://www.studocu.com
4	https://licindia.in/

Mapping with Programme Outcomes and Programme Specific Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	3	3	3	3	3	3	3	3	3	2
CO2	3	3	2	3	3	3	3	3	2	3	3
CO3	3	3	3	2	2	3	3	3	3	3	3
CO4	3	3	3	3	3	2	3	3	3	3	3
CO5	3	3	3	3	3	3	2	3	3	2	3
Total	15	15	14	14	15	14	14	15	14	14	14
Average	3.0	3.0	2.8	2.8	3.0	2.8	2.8	3.0	2.8	2.8	2.8

Strong-3 Medium-2 Low-1

2nd YEAR: FOURTH SEMESTER

Course Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UECC41	MACRO ECONOMICS – II	CORE	3	1	2	0	5	6	25	75	100
Learning Objectives											
LO1	To understand the IS-LM model and its shifts in the real economic conditions.										
LO2	To clarify the Macro Economic variables and Business Cycle										
LO3	To enable students to master the Macroeconomic theories and analyse the Macroeconomic Policies.										
LO4	To have profound knowledge on Monetary Policy and its Instruments										
LO5	To know the Fiscal Policy and its Instruments.										
Unit	Content										Hours
1	IS-LM Model Investment and Interest Rate – Money Demand, Money Supply and the interest rate – Hicks–Hansen model of IS-LM, Development of IS- LM Model - Derivation of IS and LM Curve – Shifts in IS Curve and Shifts in LMCurve.										18
2	Business Cycles Characteristics of Business Cycle - Phases of Business Cycles – Macroeconomic Variables and Business Cycles – Classical Theory and Business Cycles – Hawtrey, Schumpeter Hicks and Samuelson Models - Keynesian theory of Business Cycles.										18
3	Monetary Policy Monetary Policy – Types of Monetary Policy – Functions of Money - Money Supply and Money Demand - Classical Dichotomy – Keynesian theory of Money Demand – Instruments of Monetary Policy.										18
4	Fiscal Policy Fiscal Policy – Stances of Fiscal Policy in Macro Economics – Types of Fiscal Policy – Instruments of Fiscal Policy - Classical and Keynesian Theory of Fiscal Policy– Fiscal Expansion – IS-LM Model and Fiscal Policy – Critique of Fiscal Policy.										18
5	Supply Side Economics Concepts influences of Supply side Economics: Backward Bending Labour Curve - Rational Expectation Hypothesis: New Classical School –Robert Lucas Contribution - New Keynesian School: Concepts, differences and Comparison.										18

Course Outcomes	
COs	On completion of this course, students will be able to
CO1	Understand the IS-LM Model.
CO2	Learn the operation of theories of Business Cycles
CO3	Analyze the components of Money Supply and Demand.
CO4	Evaluate the effectiveness of Fiscal Policy.
CO5	Understand Supply Side Economics.
Textbooks:	
1	Ahuja H.L, (2016) Macroeconomics: Theory and Policy. S. Chand
2	Krugman Paul and Robin Wells(2015) Macroeconomics Worth Publisher
3	Mankiw Gregory (2017) Principles of Macroeconomics with course mate, Books Express Publications.
Reference Books:	
1	Roger E.A. Farmer (2002), Macro Economics, Thompson Asia Pvt. Ltd., Singapore
2	Parkin, M., 2014. Macroeconomics 11 th Edition Essex: Pearson Blanchard, Olivier and David R. Johnson (2013) Macroeconomics, Pearson.
3	Soumen Sikdar, "Principles of Macroeconomics", OUP India, 2020
Web resources:	
1	https://tradingeconomics.com
2	https://www.bu.edu/econ/files/2014/08/DLS1.pdf
3	https://www.imf.org
4	https://www.worldbank.org/en/topic/macroeconomics
5	https://www.britannica.com/money/fiscal-policy

Mapping with Programme Outcomes and Programme Specific Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	3	3	3	3	3	3	3	3	3	2
CO2	3	3	2	3	3	3	3	3	3	3	2
CO3	3	3	3	3	2	3	3	3	3	3	2
CO4	3	3	3	3	3	3	3	3	3	2	3
CO5	3	3	3	3	3	3	2	3	3	3	3
Total	15	15	14	15	15	14	14	15	15	14	12
Average	3.0	3.0	2.8	3.0	2.8	3.0	2.8	3.0	3.0	2.8	2.4

3 – Strong, 2- Medium, 1-Low

2nd YEAR: FOURTH SEMESTER

Course Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UECC42	INDIAN ECONOMY	CORE-8	4	1	0	0	4	5	25	75	100
Learning Objectives											
LO1	To understand the features and issues of Indian economy and new economic policy										
LO2	To analyse the national income, poverty and human development and its method										
LO3	To equip conceptual foundations and macroeconomic concepts of Indian Economy										
LO4	To describe the Trends in Production and Productivity in Agriculture										
LO5	To know the importance of Foreign Trade for a Developing Economy										
UNIT	Content										Hours
1	Introduction to Indian Economy Features and Issues of Indian Economy - Planned Economic Development in India - Achievements and Failures of Planning in India – Economic Crisis and Rationale behind Economic Reforms – New Economic Policy in India 1991: LPG, objectives, impacts and Economic Reforms – NITIAayog										15
2	National Income, Poverty and Human Development Index National Income – Sectoral Contributions and Economic Transition in India, 2020's – Poverty and Inequality – Definition and Estimates: Gini Coefficient, Sen Index and Poverty Line - Income and Regional Inequalities: Causes and Measures, Unemployment: Nature and Extent, Measures – HDI: International Comparisons.										15
3	Sectors of the Indian Economy Indian Agriculture – Trends in Production and Productivity: Reforms, Green Revolution, Agricultural Marketing & Pricing, Food Security and sustainable Practise and Technology - Industrial Development: Industrial Policies & Revolution and Recent Trends and Problems - MSMEs : Overview of Service and Financial Services in India: Importance – Expansion of Private Banks.										15
4	Foreign Trade Importance of Foreign Trade for a Developing Economy & Economic Benefits- Composition and Direction of India's Foreign Trade - Role of FDI and Foreign Institutional Investors & Growth in India - BOP Crisis - India's Trade Policy (FTP).										15
5	Fiscal Federalism Principles of Federal Finance – Fiscal Federalism in India – Functions and Sources of Revenue – Vertical and Horizontal Imbalances - Finance Commission – 15 th Finance Commission and its Recommendations.										15

Course Outcomes	
CO	On completion of this course, students will be able to
CO1	Understand the nature of the Indian Economy and highlight the changes
CO2	Discuss the major issues of Poverty, Inequality, Unemployment, and Human Development in India in comparison to other countries
CO3	Enquire a qualitative and quantitative overview of different sectors of the Indian Economy
CO4	Describe the components of Foreign Trade and analyze India's Balance of Payments position.
CO5	Identify various components of fiscal federalism in India & role of Finance Commission.
Textbooks:	
1	Gaurav Datt and Ashwani Mahajan "Datt and Sundaram's Indian Economy" S.Chand 72 nd Edition.
2	Kaushik Basu (Ed.) (2012), Oxford Companion to Indian Economy, 3 rd Edition, OUP, New
3	Ramesh Singh, "Indian Economy", Mc Graw Hill, 2022
4	S. Sankaran, Indian Economy, Margham Publications, Chennai.
Reference Books:	
1	Puri. V.K & S.K. Misra (2022) Indian Economy
2	Uma Kapila (Ed.) (2018) Indian Economy Since Independence
3	Byres, T.J. (Ed.) (1997), The State, Development Planning and Liberalization in India, Oxford University Press, New Delhi
Web resources:	
1	http://www.niti.gov.in/
2	https://www.rbi.org.in/
3	https://hdr.undp.org/
4	https://www.india.gov.in/

Mapping with Programme Outcomes and Programme Specific Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	3	3	3	3	3	3	3	2	3	1
CO2	3	3	2	3	3	3	3	3	3	3	2
CO3	3	3	3	3	2	3	3	3	2	3	3
CO4	3	2	3	3	3	2	3	3	2	3	3
CO5	3	3	3	3	3	3	2	3	1	3	2
Total	15	14	14	15	15	14	14	15	10	15	11
Average	3.0	2.8	2.8	3.0	2.8	2.8	2.8	3.0	2.0	3.0	2.2

3 – Strong, 2- Medium, 1-Low

2nd YEAR: FOURTH SEMESTER

Course Code	Course Name	Category	L	T	P	S	Credit	Inst Hour	Marks		
									CIA Int.	External	Total
24UECA41	COST AND MANAGEMNT ACCOUNTING II	EC-4 (1)	4	1	0		4	5	25	75	100
Learning Objectives											
LO1	To apply and analyze the various methods of wage payment										
LO2	To understand and apply the concepts of marginal costing										
LO3	To gain knowledge about the flow of cash in and out of the organization through the preparation of statement										
LO4	To apply and analyze the various classification of ratio's based on the management information										
LO5	To apply and analyze the various classification of ratio's based on the management information.										
UNIT	Content										Hours
1	Labour Cost Control Labour- Importance of labour cost control - Various methods of Wage Payment - Calculation of wages - Methods of incentive schemes - Taylor 's Differential, Merrick's Multiple Piece Rate System, Halsey, Halsey Weir, Rowan, Gantt Task -Labour Turnover Rate.										10
2	Marginal Costing Marginal Costing - Concepts- Importance – P/V Ratio – Margin of safety – BEP – Decision making – Make or buy decisions – Key factor.										15
3	Cash Flow Statement Cash flow Statement - Different between Fund Flow Statement& Cash Flow Statement - Advantages and disadvantages of Cash flow statement - Cash flow - Operating activities - investing activities - Financial activities - Preparation of Cash flow statement.(Simple Problems)										20
4	Ratio Analysis Ratio Analysis-Introduction - Meaning of ratios - Advantage of ratio analysis - Limitation of ratio analysis - Classification of ratios –Computation of Profitability ratios - Turnover ratios or Activity ratios - Solvency or Financial ratios.(SimpleProblems).										10
5	Capital Budgeting Capital budget - Definition - Features - Importance - Methods of Capital budgeting - Payback period - Accounting rate of return - Net present value - Profitability index - Internal rate ofreturn.										20
Total										75	
Theory 20% Problem 80%											

Course Outcome	
COs	On completion of this course, students will be able to
CO1	Apply and analyze the various methods of wage payment
CO2	Understand and apply the concepts of marginal costing
CO3	Gain knowledge about the flow of cash in and out of the organization through the preparation of statement
CO4	Apply and analyze the various classification of ratio's based on the management information.
CO5	Understand how risks enters into the capital budgeting decision and its impact on the value of investment.
Textbooks	
1	T.S. Reddy, A. Murthy – Cost Accounting- Margham Publication, Chennai.
2	Hari prasad Reddy, Cost and Management Accounting, Margham Publication, Chennai
3	T.S. Reddy, A. Murthy, Management Accounting, Margham Publications.
Reference Book	
1	Jain and Narang, Cost Accounting, Kalyani Publications
2	Sexena, Management Accounting, Sultan Chand Publications
3	Kishore Cost and Management Accounting, Taxman Allied Services.
Web Resources	
1	CostAndManagementAccounting.pdf
2	ICAI - The Institute of Chartered Accountants of India
3	Cost-Accounting-Book.pdf
4	Capital Budgeting: Definition, Methods, and Examples

Mapping with Programme Outcomes and Programme Specific Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	3	2	2	1	1	1	1	2	1	2
CO2	3	3	2	2	1	1	1	1	2	3	3
CO3	3	3	3	2	2	1	1	1	2	3	3
CO4	3	2	2	2	1	1	1	1	1	2	1
CO5	3	3	3	3	3	2	1	1	2	3	3
Total	15	14	12	11	08	06	05	05	09	12	12
Average	3	2.8	2.4	2.2	1.6	1.2	1	1	1.8	2.4	2.4

3 – Strong, 2- Medium, 1- Low

2nd YEAR: FOURTH SEMESTER

Course Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UECA42	RESEARCH METHODS IN ECONOMICS	EC -4 (2)	4	1	0	0	4	5	25	75	100
Learning Objectives											
LO1	To understand the meaning and significant characteristics of scientific research										
LO2	To know the formulation, selection of research problem and collection of reviews.										
LO3	To apply the various research designs in the social science research										
LO4	To enumerate the data and sampling methods										
LO5	To discuss the report writing techniques and its procedures										
Unit	Content										Hours
1	Introduction Research: meaning, significance and objectives of Research - Types of Research: Pure, Applied, Analytical, Exploratory, Descriptive, Surveys, Case-Study - Limitations of Social Science Research - Role of Computer Technology In Research.										15
2	Research Problem and Review of Literature Research Problem: formulation and selection - necessity of defining the problem – Review of literature: Primary and Secondary Sources - importance of literature review in defining a problem - identifying gap areas from literature and research database.										15
3	Research Design Research Design: Concept and Importance in Research – Features of a Good Research Design – Exploratory Research Design – Descriptive Research Design – Experimental Design: Concept of Independent & Dependent variables.										15
4	Data and Sampling Methods Data types: Qualitative and Quantitative - Sources of Primary and secondary data - Census - Sampling Methods: Probability and Non-Probability Sampling Methods - Sampling and Non- Sampling Errors statistical tools used in Social Science Research.										15
5	Hypothesis and Report Writing Hypothesis: Types of Hypothesis - Null and Alternative Hypothesis - Parameter and Statistic - Type I and Type II Errors - Level of Significance and Critical Region - Report Writing - Types and Principles of writing a Research Report, References and Bibliography.										15

Course Outcomes	
CO	On completion of this course, students will be able to
CO1	Understand the overview of Social Science Research.
CO2	Analyze the Research Process
CO3	Develop the Statistical Analysis to test Economic Theory and address Policy Issues
CO4	Know the sampling methods in Research.
CO5	Explain the hypothesis testing and Principles of Report Writing.
Textbooks:	
1	Vinod Chandra, AnandHareendran, “Research methodology”, Pearson,2017
2	R.Pannerselvam, “Research Methodology”, PHIlearning,2014
3	Kothari, C. R. (2004). Research Methodology: Methods and techniques. New Age International.
Reference Books:	
1	Bhandarkar, P. L., Wilkinson, T. S., &Laldas, D. K. (2010). Methodology & Techniques of Social Research. Himalaya PublishingHouse
2	Daniel, P. S., & Sam, A. G. (2011). Research methodology. Gyan Publishing House
3	Taylor, B., Sinha, G., &Ghoshal, T. (2006). Research methodology: A guide to for researchers in management and social sciences. PHI Learning Pvt.Ltd.
Web resources:	
1	https://research.com/research/how-to-write-research-methodology
2	https://www.educba.com
3	http://ignou.ac.in
4	https://www.questionpro.com/blog/what-is-research/

Mapping with Programme Outcomes and Programme Specific Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	3	3	3	3	3	3	3	2	2	3
CO2	3	3	2	3	3	3	3	3	2	2	2
CO3	3	3	3	3	2	3	3	3	2	3	3
CO4	3	3	3	3	3	2	3	3	2	3	2
CO5	3	3	3	3	3	3	2	3	3	2	2
Total	15	15	14	15	15	14	14	15	11	12	12
Average	3.0	3.0	2.8	3.0	2.8	2.8	2.8	3.00	2.2	2.4	2.4

3 – Strong, 2- Medium, 1- Low

2nd YEAR: FOURTH SEMESTER

Course Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UECS41	PRINCIPLES OF MARKETING	SEC-5	1	0	1	0	2	2	25	75	100
Learning Objectives											
LO1	To know the concept and functions of marketing										
LO2	To understand the importance of market segmentation										
LO3	To examine the stages of new product development										
LO4	To gain knowledge on the various advertising media and Channels of Distribution										
LO5	To analyze the recent Trends in Market.										
Unit	Content										Hours
1	Introduction Meaning–Definition and Functions of Marketing–Evolution of Marketing Concepts- Role and Importance of Marketing - Classification of Markets.										6
2	Market Segmentation Meaning and definition-Benefits–Criteria for segmentation Types of segmentation–Geographic–Demographic Psychographic–Behavioral–Targeting, Positioning & Repositioning -										6
3	Product & Price Marketing Mix — an over view of 4P’s of Marketing Mix–Product–Introduction to Stages of New Product Development-Product Life Cycle. Pricing–Factors Influencing Pricing– Kinds of Pricing.										6
4	Promotions and Distributions Elements of promotion– Advertising – Objectives – Kinds of Advertising Media-Traditional vs Digital Media-Channels of Distribution for Consumer Goods-Channel Members – Channels of Distribution for Industrial Goods.										6
5	Recent Trends in Marketing Recent Trends in Marketing–A Basic Understanding of E Marketing & M– Marketing – E-Tailing.										6
Total										30	
Theory 100%											

Course Outcomes	
CO	On completion of this course, students will be able to
CO1	Understand the concept and functions of marketing
CO2	Analyze the importance of market segmentation
CO3	Examine the stages of new product development
CO4	Gain knowledge on the various advertising media and Channels of Distribution
CO5	Analyse the recent Trends in Market.
Textbooks:	
1	Philip Kotler, Principles of Marketing: A South Asian Perspective, Pearson Education. New Delhi.
2	Dr.C.B.Gupta&Dr.N.RajanNair,MarketingManagement,SultanChand&Sons,New Delhi
3	Dr.AmitKumar,PrinciplesofMarketing,ShashibhawanPublishingHouse,Chennai
Reference Books:	
1	Dr. N. Rajan Nair, Marketing, Sultan Chand & Sons. New Delhi
2	Prof. Kavita Sharma, Dr.Swati Agarwal, Principles of Marketing Book,T axmann, NewDelhi
3	Dr. J. Jayasankar, Marketing Management, Margham Publications, Chennai.
Webresources:	
1	Kotler_Principlesofmarketing9thedition.pdf
2	Principle_Marketing.pdf
3	ebooks.lpude.in/new-scheme/commerce/bcom/sem_4/DEMKT201_PRINCIPLES_OF_MARKETING.pdf
4	CC-11-Principles-of-Marketing.pdf

Mapping with Programme Outcomes and Programme Specific Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	3	3	2	3	3	3	3	3	3	2
CO2	3	3	2	3	3	3	3	2	2	3	2
CO3	3	3	3	3	2	3	3	3	3	3	2
CO4	3	3	2	3	3	3	3	3	3	2	3
CO5	3	3	3	3	3	2	2	3	3	3	3
Total	15	15	13	14	14	14	14	14	14	14	12
Average	3.0	3.0	2.6	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.4

3 – Strong, 2- Medium, 1-Low

3rd YEAR: FIFTH SEMESTER

Course Code	Course Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
24UECC51	MONETARY ECONOMICS	Core 9	3	1	1	0	4	5	25	75	100
Learning Objectives											
LO1	To develop the concept and meaning of money in current trends.										
LO2	To identify different theories of money to derive the meaning and importance.										
LO3	To design the process of credit creation by banks.										
LO4	To justify how monetary policy influences money supply, interest rates, and economic stability.										
LO5	To associate about the role of central banks and its operations.										
UNIT	Contents										Hours
1	Evolution and Functions of Money Barter System – Stages in evolution of Money - Types of Monetary Standards - Money: Definition, functions, significance - Forms of Money: Monetary Equation (M1, M2, M3, M4) - Crypto Currencies – Digital Currency: Fin Tech, Blockchain, UPI and CBDC.										15
2	Value of Money Classical and Keynesian view of demand for money: Baumol’s Inventory theoretic Approach- James Tobin’s Portfolio Approach - Milton Friedman’s Reformulated Quantity Theory - Determinants of Money Supply – Supply Side Policies - Money Multiplier.										15
3	Commercial Banks Functions of Commercial Banks - Credit Creation and Reforms – Role of Commercial Banks after Nationalization - Narasimhan Committee Reports I & II on Banking: Recent Trends in India - Central Banking: Functions and Instruments of Credit Control.										15
4	Monetary Policy Meaning and Definition – Objectives of Monetary Policy and Instruments – Role of Monetary Policy in a Developing Economy – RBI Reports and Monetary Policy Reviews – Indian Money Market and Capital Market – Foreign Exchange Market and Its Need.										15
5	Monetary Stability Inflation and Deflation: Definition, Types, Causes and Effects- Demand-Pull and Cost-Push Inflation – Inflation Management - RBI and Economic Growth – Sustainable Growth - Monetary Financial System Operations in India and prevent crisis.										15
100% Theory									Total	75	

Course Outcomes	
COs	The students can able to
CO1	Acquire knowledge of Money and its Functions.
CO2	Identify different theories of money such as Quantity Theory of Money, Baumol's Inventory, James Tobin's Portfolio approaches and Modern Theory.
CO3	Analyze the role of banks in credit creation and money supply.
CO4	Apply the concept of monetary policy to real-world economic situations
CO5	Understand the Central banking concepts to everyday financial activities relates with Economic Growth.
Textbooks	
1	R. Cauvery, N. Kruparani, U. K. Sudha Nayak and A. Manimekalai(2022), Monetary Economics, S. Chand Publishing, New Delhi.
2	Jhingan M. L. (2020), Monetary Economics, Konark Publication, New Delhi.
3	Jagdish Handa, "Monetary Economics", Talyor& Francis,2018
4	Gupta R.D.(2020), Keynes and Post Keynesian Economics, Kalyani Publishers, New Delhi.
Reference Books	
1	Vaish M.C. (2021), Money, Banking and International Trade, New Age International (P) Ltd, New Delhi.
2	Sundaram K.P.M. (2019), Money, banking and International Trade, Vikas, New Delhi.
3	Sethi, T.T. (2023). Monetary Economics: S. Chand and Co., New Delhi
4	Ghosh, B.N. and Rama Ghosh (2025),. Fundamentals of Monetary Economics, Himalaya Publishing House, Mumbai
Web Resources	
1	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/

Mapping with Programme Outcomes and Programme Specific Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	3	3	3	3	3	3	2	3	3	2
CO2	2	3	3	3	3	3	3	3	2	2	3
CO3	3	3	3	2	3	3	3	3	2	2	3
CO4	3	3	2	3	3	2	3	3	3	2	3
CO5	3	3	3	3	3	3	2	3	3	3	2
Total	14	15	14	14	15	14	14	14	13	12	13
Average	2.8	3.0	3.0	2.8	2.8	2.8	2.8	2.8	2.6	2.4	2.6

3 – Strong, 2- Medium, 1- Low

3rd YEAR: FIFTH SEMESTER

Course Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UECC52	ECONOMETRICS FOR ECONOMICS I	Core 10	3	1	1	0	4	5	25	75	100
Learning Objectives											
LO1	To use different areas where econometrics is applicable in Economics.										
LO2	To learn the structure and components of a linear regression model.										
LO3	To select the method of estimating regression coefficients using Ordinary Least Squares										
LO4	To explain the impact of violations on estimators Multi Co-linearity, Heteroscedasticity and Autocorrelation.										
LO5	To justify common forms and variables of functional.										
UNIT	Contents									Hours	
1	Introduction Definition of Econometrics – Scope – Objectives – Use of Econometrics – Difference between Econometrics and Mathematical Economics – Terminology - Methodology of Econometrics – Division - Types of Data Nature – Data Analytics - Excel-Based econometric modelling and dashboard creation - Uses of Econometric Models.									15	
2	Linear Regression Basic ideas of Linear Regression Model–Two variable Regression Model, Population regression Function (PRF), Sample Regression Function (SRF) – Error term U – significance - Stochastic form of PRF and SRF – Software using in the Model: SPSS, STATA, R-programme, Eviews and Python,									16	
3	Estimation Method of Ordinary Least Squares (OLS) – Derivation of OLS Estimators - Derivation of variance and Standard error of OLS estimators (Simple Linear Regression) – Properties of OLS estimators– - Gauss–Markov Theorem – Proof.									14	
4	Violation of Assumptions Multi Co-linearity - Heteroscedasticity: Heteroscedastic Errors - Methods of Instrumental Variable - Grouping of Observations and Grouping of Equations - Autocorrelation: Nature, Consequences, Detection and Remedial Measures.									14	
5	Functional Forms and Dummy Variables Regression through the origin – Log Linear, Double Log Model – Constant Elasticity – Semi log model – Measurement of Growth - Dummy Variables – ANOVA and ANCOVA Models – Dummy Variable Trap – Uses – Interaction Effects – Big Data Analytics – AI application in Economics and Machine Learning basics.									16	
100% Theory									Total	75	

Course Outcomes	
COs	The students can able to
CO1	Evaluate the importance of Econometrics.
CO2	Acknowledge the importance of linear regression in data analysis.
CO3	Estimate regression coefficients using OLS method.
CO4	Distinguish between different types of violations and their characteristics.
CO5	Appropriate functional forms for regression models and Construct dummy variables for qualitative data
Textbooks	
1	Damodar N Gujarati, Dawn C Porter, Sangeetha Gunasekar, “Basic Econometrics”, Fifth Edition, Tata McGraw Hill Inc., New York, 2022.
2	Damodar Gujarati (2021), Econometrics by Example, Bloomsbury India, New Delhi.
3	Ramanathan, R. (2020). Introductory econometrics with applications. Dryden Press, fifth edition.
4	Maddalla G.S.(2001), Introduction to Econometrics, Third Edition , Wiley India.
5	Koutsoyiannis (1977) “A, Theory of Econometrics”, Palgrave, Delhi.
Reference Books	
1	Dominick Salvatore and Derrick Reagle (2020), Statistics and Econometrics, Tata McGraw Hill (Schaum’s Series).
2	Damodar, N. (2019). Basic Econometrics Fifth Edition. McGraw-Hill.
3	Moody, C. (2019). Basic econometrics with STATA. Economics Department. College of William and Mary.
4	Hill, R. C., Griffiths, W. E., & Lim, G. C. (2018). Principles of econometrics. John Wiley & Sons.
Web Resources	
1.	https://nptel.ac.in/courses
2.	http://home.iitk.ac.in/~shalab/onlinecoursematerial
3.	https://nou.edu.ng/coursewarecontent/ECO%20355_0.pdf
4.	https://www.econometricsociety.org
5.	https://economicsnetwork.ac.uk

Mapping with Programme Outcomes and Programme Specific Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	2	2	3	3	3	3	3	3	3	3	2
CO2	3	3	3	3	3	3	3	3	3	3	3
CO3	3	3	2	2	3	3	3	3	3	3	2
CO4	3	2	3	3	3	2	3	2	3	3	2
CO5	3	3	3	2	3	3	2	3	3	2	3
Total	14	13	14	13	15	14	14	14	15	14	12
Average	2.8	2.6	2.8	2.6	3.0	2.8	2.8	2.8	3.0	2.8	2.4

3 – Strong, 2- Medium, 1- Low

3rd YEAR: FIFTH SEMESTER

Course Code	Course Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
24UECC53	INDUSTRIAL ECONOMICS	Core-11	2	1	1	0	4	4	25	75	100
Learning Objectives											
LO1	To describe Industrial Economics and figure out the issues of the Indian Economy										
LO2	To illustrate the various theories of Industrial Location.										
LO3	To support the licensing policies to industrial sickness.										
LO4	To compare the growth Patterns of Indian Industrial Region and worldwide status.										
LO5	To observe the growth on trends and prospects of industrial growth in India										
UNIT	Contents									Hours	
1	Introduction Nature and scope of Industrial Economics and Trends - Industrial Revolution - Digital Revolution - Classification of Industries: Public Sector, Private Sector and Public Private Partnerships- Large, MSMEs, Cottage Industries- Concept of Plant, Firm and Industrial Markets – Global Supply Chains – Digital Trade.									12	
2.	Theories of Location Traditional Pattern - Theories of Industrial Location - Weber - Sargant Florence - Factors Affecting Location - Localization - Glocalization of Industries – Decentralization of Industries - Industrial Efficiency and Economic Efficiency.									12	
3	Industrial Licensing and Policies Industrial Licensing – MRTP Act – Industrial Policies - Industrial Productivity – AI transforming - Capacity Utilization - Industrial Sickness- Mergers and Acquisitions – Profitability and Efficiency – EXIM Policy – Documentation –Asian countries growth projection.									12	
4	Industrial Regions Industrial Regions of the World and India – Quantitative Techniques in India - Major industrial regions of India –Minor & Major Regions development - SEZ in India - Industrial Clusters in India- Sunrise Sector - MSME development - Sustainable industrialization – Green Economy - Regional Backwardness- Government Initiatives.									12	
5	Trends on Growth Industrial Growth in India: Trends and Prospects – Incentives to Promote Industrialization – Environmental Degradation and hazards caused by Industries – Performance – Investment & Technology - MNCs in India - FDI Policy- Make in India - Logistics and Infrastructure - National Manufacturing Policy.									12	
100% Theory									Total		60

Course Outcomes	
COs	On completion of this course, students will
CO1	Discover the importance of Industrial Economics
CO2	Examine theories of industrial Location
CO3	Review the relevance of Industrial License and Policies
CO4	Describe the Industrial belts of the World and India
CO5	Examine the Industrial Trends in India.
Textbooks	
1	Barthwal R.R (2022) Industrial Economics an Introductory Textbook, New Age International Publishers.
2	Ranjana Seth. (2020), Industrial Economics a One's Student Edition.
3	Dennis W. Carlton and Jeffrey M. Perloff, Modern Industrial Organisation, Cambridge University Press, 2015
4	Rajesh Kumar R(2021) Industrial Economics and Foreign Trade', Jyothis Publishers
5	Louis Philips, "Applied Industrial Economics", Cambridge University Press, 2009.
Reference Books	
1	John Weiss (2011) The Economics of Industrial Development, Routledge
2	Kuchhal, S. C. Industrial Economy of India, Chaitanya Publishing House, Allahabad (2007)
3	Dhingra I.C and Nitin Dhingra (2023) Industrial Economics Book Age Publications
4	Martin, S., (2021) Advanced Industrial Economics, 2nd Edition, Wiley-Blackwell
5	Paul Belleflameet.l "The theory of Industrial Organisation- Markets and Strategies", Cambridge University Press, 2015.
Web Resources	
1	https://www.india.gov.in/topics/industries
2	https://business.mapsofindia.com/india-industry
3	https://dpiit.gov.in/
4	https://dri.nic.in/
5	https://msme.gov.in/

Mapping with Programme Outcomes and Programme Specific Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	3	3	3	3	2	3	3	3	3	2
CO2	3	3	3	2	3	3	3	3	3	3	3
CO3	2	2	3	3	2	3	3	3	3	3	2
CO4	3	3	3	3	3	3	3	3	2	3	3
CO5	3	3	2	3	3	2	2	3	3	3	2
Total	14	14	14	14	14	13	14	15	14	15	12
Average	2.8	2.8	2.8	2.8	2.8	2.6	2.8	3.0	2.8	3.0	2.4

3 – Strong, 2- Medium, 1- Low

3rd YEAR: FIFTH SEMESTER

Course Code	Course Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
24UECC54	AGRICULTURAL ECONOMICS	Core - 12	3	1	0	0	4	4	25	75	100
Learning Objectives											
LO1	To define various issues in agricultural and Indian Agriculture in Development process.										
LO2	To enumerate the labours in agriculture sector and development of Labours in India										
LO3	To calculate the agriculture finance through Government authorization & Economic Scenario.										
LO4	To demonstrate the sustained policies in agriculture Development in India										
LO5	To simplify the significance of Sustainable Agriculture and food & nutrition security.										
UNIT	Contents									Hours	
1	Introduction Scope and significance of Agriculture – Indian Knowledge system – Indian Method of Agriculture and Policies - Role of Agriculture in Economic Development - Theories of Agricultural Development - Inter-sectoral Linkages - Farm Economics: Management & Efficiency - Management Risks in Agriculture – Agri-Tech.									12	
2	Agricultural Labour 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 - Development programmes and issues of water, energy in India.									12	
3	Agricultural Finance Meaning, Nature, Types, Sources and Problems of Agricultural Finance- credit, R&D, trade, subsidy and Cooperatives in Rural Finance- Role of Commercial Banks and NABARD – Agricultural Institutions, Digital Agri Marketing and Sustainable Rural Development – Government welfare schemes.									12	
4	Agricultural Price Policy Objectives and need of Agricultural Price Policy – Stability and Trends in Agricultural – Agricultural Exports – Agro - eco-regional planning, assessment of ecosystem services, farm- and non-farm linkages Current issues in Indian Agriculture – Agriculture 4.0.									12	
5	Sustainable Agriculture and Food Security Agricultural Development Issues: poverty, inequality, unemployment and environmental degradation - Green Revolution: Recent Developments- Population and Food Supply- Food Security and Nutrition security - Public Distribution System in India – AI Agriculture Marketing in India.									12	
100% Theory									Total		60

Course Outcomes	
COs	On completion of this course, students will
CO1	learn the relevance of Agricultural Economics and Development
CO2	Examine the importance of Agricultural Labour in Rural Development
CO3	Identify the sources and importance of Agricultural Finance.
CO4	Assess the trends in Agricultural Prices
CO5	Evaluate the Major and new issues pertaining to the Agriculture.
Textbooks	
1	Dr. B. P. Tyagi, “Agricultural Economics & Rural Development”, Jai Prakashnath & Co., 2017.
2	Adler Bryant 2022, Agricultural Economics and Rural Development, Murphy & Moore Publishing, New Delhi.
3	Mridula Mishra, (2010), Agriculture and Food Economics, Serials Publication, New Delhi.
4	John B. Penson, Jr, Oral Capps, Jr, C. Parr Rosson III, Richard. T. Woodward, “Introduction to Agricultural Economics”, Pearson Publications, 2017.
5	Lekhi R.K. and Joginder Singh, (2015), Agricultural Economics: An Indian Perspective, Kalyani Publishers, Ludhiana.
Reference Books	
1	Janardhana Rao. N, (2005), Indian Agriculture: Issues and Perspectives, ICFAI University Press, Hyderabad.
2	P. Jaisridhar, P. Hema and P. Sumathi, 2020, ‘Agriculture & Rural Development’, Jaya Publishing House, Delhi.
3	Gray, L. C. (2013). Introduction to Agricultural Economics. Read Books Ltd.
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

Mapping with Programme Outcomes and Programme Specific Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	2	2	3	3	3	3	3	3	3	3	3
CO2	3	3	3	3	3	3	3	2	2	3	2
CO3	3	3	2	2	2	3	3	3	3	3	3
CO4	3	2	3	3	3	3	3	3	3	3	2
CO5	3	3	3	3	3	3	2	3	3	3	3
Total	14	13	12	14	14	15	14	14	14	15	13
Average	2.8	2.6	2.8	2.8	2.8	3.0	2.8	2.8	2.8	3.0	2.6

3 – Strong, 2- Medium, 1- Low

3rd YEAR: FIFTH SEMESTER

Course Code	Course Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
24UECE51	ENVIRONMENTAL ECONOMICS	EC – 5(1)	3	1	0	0	3	4	25	75	100
Learning Objectives											
LO1	To relate the theoretical basis of Environmental & relationship between economic development and environment.										
LO2	To categorise the valuation of Environmental Resources and study about Climate Changes										
LO3	To illustrate the Environment as a Public Good and market failure theories										
LO4	To apply the methods of environmental valuation and its uses										
LO5	To know the regulation of Pollution through Economic Instruments										
UNIT	Contents									Hours	
1	Fundamentals of Environmental Economics Definition, Scope and Significance - Environment – Economy Linkages – Material Balance Approach - Malthusian and Neoclassical perspective of Environment - Sustainable Development in Environmental Goals - Environment Kuznets Curve.									12	
2	Natural Resources Classification of Natural Resources - Scarcity and Measurement - Economics of Exhaustible Resources - Economics of Renewable Resources - Resource Depletion - Introduction to the Climate Change, Drivers of Climate Change, Global impacts of Climate Change.									12	
3	Market Failure Objective and Sources of Market Failure - Environment as a Public Good - Externalities by Production and Consumption - Tragedy of Commons- Pigouvian Fee and Coase theorem on Property Rights – Economic Analytics.									12	
4	Valuation of Environment Total Economic Value - Contingent Valuation Method – Stated Preference - Travel Cost Model - Hedonic Pricing - Economics of Sustainable Development - Green Finance & Accounting – Ecological Footprint, Carbon Footprint & Accounting - Ecological Shadow.									12	
5	Economics of Pollution Control Types of Pollution: Water, Air, Land and E-pollution - Optimal level of Pollution - Regulation of Pollution through Economic Instruments - Command and Prevention - control and abatement of pollution of Approach - Indian environment policies and performance – pollution control boards and function.									12	
100% Theory									Total	60	

Course Outcomes	
COs	On completion of this course, students will
CO1	Learn & realise of Environment- Economy Linkages through theories.
CO2	Apply environmental concepts to Economic Theories.
CO3	Evaluate causes and consequences of market failure in environmental contexts.
CO4	Identify and analyze environmental economic reasoning effectiveness.
CO5	Evaluate the need for reduction of Pollution.
Textbooks	
1	Karpagam. M, (2023), Environmental Economics–Third Edition, Sterling Publication Pvt. Ltd, Noida.
2	Rabindra N Bhattacharya, 2002, Environmental Economics- An Indian Perspectives, Oxford University Press, Oxford.
3	Eugine .T Environmental Economics, Oxford University Press, New Delhi. (2019),
4	Hanley N, Shogren JF, White B “Environmental Economics in Theory and Practice”, 2nd Edition. Palgrave Macmillan, 2017
5	Kolstad, Charles D, (2000), Environmental Economics, New York: Oxford University Press,
Reference Books	
1	Br. Ambedkar Open University (BRAOU) , Environmental Economics for 6 th semester B.A - Distance Education, Venkateswara Publications, January 2024
2	Hussen, Ahmed M (2020), Principles of Environmental Economics: Economics, Ecology and Public Sector. London: Routledge.
3	Dr. S. Sankaran (2022), Environmental Economics Margham Publications.
4	Mark Maslin (2024) “Climate Change: A Very Short Introduction 5 th Edition Oxford University Press.
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

Mapping with Programme Outcomes and Programme Specific Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	3	2	3	3	3	3	3	3	3	2
CO2	3	3	3	3	2	3	3	2	3	3	2
CO3	3	2	3	2	2	3	3	3	3	3	2
CO4	3	3	2	3	3	2	3	3	2	3	2
CO5	3	3	3	3	3	3	2	3	3	2	2
Total	15	14	13	14	13	14	14	14	14	14	10
Average	3.0	2.8	2.6	2.8	2.6	2.8	2.8	2.8	2.8	2.8	2.0

3 – Strong, 2- Medium, 1- Low

3rd YEAR: FIFTH SEMESTER

Course Code	Course Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
24UECE52	GENDER ECONOMICS	EC – 5(2)	3	1	0	0	3	4	25	75	100
Learning Objectives											
LO1	To study the role of gender in shaping economic behavior and outcomes within										
LO2	To understand the conceptual clarification of women and work										
LO3	To analyse the Women in Organized and Unorganized Sectors in an Economy										
LO4	Identify the marginalization of women in economic theory and in the economy										
LO5	Incorporate gender in mainstream policy making										
UNIT	Contents									Hours	
1	Gender Analysis and Economics Definition - Gender - Gender Analysis: Purpose and Scope - Feminist Perspective in Economics - Third Gender generation - Gender Statistics and System of Sources of Data on the Population - Gender Inequality Factors - Development Factors - Discrimination and Behavioral Factors - Empirical Challenges.									12	
2	Development and Anti - Development Development Versus Anti-Development - Women in Development (WID)- Women and Development (WAD)- Gender and Development – Women and Empowerment and Policies - Rights Based Approach - Women and Environment – Ecofeminism.									12	
3	Women and Work Invisibility of Women – “Statistical Purdah” - A Critique of Methods, Concepts, Definitions Employed in Economic Theory - Basic Causes - Problems of Measuring the Feminization of Poverty - Work in the Labour Market - Work in the Household - Gender Equity Index.									12	
4	Marginalization of Women 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).									12	
5	Economy and Related Issues Population – Demographic Features - Health and Education - Policy Measures – Government and NGOs– Gender Budgeting in India - Gender in Social Development Indicators - the OECD Social Institutions and Gender Index (SIGI).									12	
100% Theory								Total	60		

Course Outcomes	
COs	the students will be able to
CO1	Evaluate causes and consequences of gender inequality in the economy.
CO2	Analyze the role of gender in development
CO3	Interpret data related to women's index in employment and productivity.
CO4	Identify the reasons behind the marginalization of women
CO5	Evaluate government policies and programs aimed at improving employment opportunities and formulate policies to includes.
Textbooks	
1	Mukesh Eswaran (2020) Why Gender Matters in Economics Princeton University Press
2	Caroline Criado Perez (2019) Invisible Women: Data Bias in a World Designed for Men, Harry N. Abrams.
3	K. R. Gupta, "Gender Problems and Policies", Atlantic, 2009.
4	Joyce Jacobsen, "The Economics of Gender", Wiley – Blackwell Publisher 3rd Edition, 2007
Reference Books	
1	GOI (1987), Shram Shakti, Report on the National Commission on Self – employed Women and Women in the Informal Sector New Delhi.
2	Marianne A. Ferber and Julie A. Nelson, 2020, 'Feminist Economics Today: Beyond Economic Man, Kindle Edition, Routledge, London.
3	Krishnaraj, Maithreyi and Chhaya Datar (2011), Ecofeminism Revisited: Introduction to the Discourse, Ajantha Publishers, New Delhi
4	Loutfi, MF(ed.) (2002), Women, Gender & Work, Rawat Publishers, New Delhi
Web Resources	
1.	https://www.unwomen.org/en/how-we-work/intergovernmental-support/world-
2.	https://wcd.nic.in/
3.	https://www.tn.gov.in/department/30
4.	http://icds-wcd.nic.in/
5.	http://ncw.nic.in/

Mapping with Programme Outcomes and Programme Specific Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	2	3	3	3	3	3	3	3	3	3	2
CO2	3	3	3	3	3	3	3	3	3	3	2
CO3	3	2	3	2	2	3	3	3	2	3	2
CO4	3	3	3	3	3	2	3	3	3	3	2
CO5	3	3	3	3	3	3	2	3	3	3	2
Total	14	14	15	14	15	15	14	15	14	15	10
Average	2.8	2.8	3.0	2.8	2.8	2.8	2.8	3.00	2.8	3.0	2.0

3 – Strong, 2- Medium, 1- Low

3rd YEAR: FIFTH SEMESTER

Cours Code	Course Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
24UECE53	TAMIL NADU ECONOMY	EC – 6(1)	3	1	0	0	3	4	25	75	100
Learning Objectives											
LO1	To evolve features, performance and development issues of Tamil Nadu Economy										
LO2	To study the contribution of agriculture and its finance scenario										
LO3	To understand the industrial scenario in Tamil Nadu and its growth										
LO4	To describe the state finances and its development initiatives										
LO5	To know the performance of development in the Tamil Nadu										
UNIT	Contents									Hours	
1	Introduction Tamil Nadu –Salient features – Density of Population - Geographical Features – Economic and Social Indicators – Human Development – Index Rank–Work Participation Rate – Unemployment Rate – Literacy Rate– Life Expectancy – Demography and Occupational Patterns – Income Sources in Tamil Nadu									12	
2	Agriculture Land Use Patterns – Cropping Pattern – Irrigation - Agricultural Marketing – Defects and Remedial measures – Agricultural Finance – Policy and Issues – Crop Insurance – Agricultural Loans and aids -Climate smart agriculture and Sustainable rural development – Rural Enterprises.									12	
3	Industry Industrial Scenario in Tamil Nadu – Production Trends– DIC Contribution for Development - Large Industries - MSMEs –Khadi and Village Industries – Export Contribution in TN – Trade Analytics - Industrial Financial Institutions: TIIC, SIDCO, SIPCOT, Industrial Estates -DIC, EPZ, SPZ, SEZ.									12	
4	State Finances and Development Initiatives State Finance – schemes available to Development & Industry - Revenue and Expenditure of the State – Tamil Nadu’s Recent Budget – Poverty Alleviation and Unemployment Programmes – Education and Health Care and State Welfare Programmes.									12	
5	General Performance of the State Tourism and Medical Tourism – Women Empowerment Programme – Self Help Groups and Micro Finance- Mahalir Thittam - Environmental Protection Measures – Government supports for working people in Tamil Nadu.									12	
100% Theory									Total	60	

Course Outcomes	
COs	On completion of this course, students will be able to
CO1	Understand salient features, Unemployment and indicators of Tamil Nadu Economy
CO2	Examine the issues in Agriculture, Land Use Patterns, finance and Insurance
CO3	Grasp the Industrial Scenario in Tamil Nadu
CO4	Describe the status of State Finances and Development Programmes of Tamil Nadu
CO5	Analyse the overall schemes under performance of Tamil Nadu Economy.
Textbooks	
1	Leonard A.G,S.J, (2020), Tamil Nadu Economy, Macmillan India Ltd, New Delhi
2	Naganathan M (2012), Tamil Nadu Economy: Trends and Prospects,(ed.), University of Madras.
3	Dr. Rajalakshmi V, 2002, Tamil Nadu Economy, Business Publishers, Bombay.
4	Kuppusamy. K, “Socio-Economic Development of India, Sharadha Publications, 2014
5	S. Perumalsamy, “Economic Development of Tamil Nadu”, S. Chand & Company, 2005
Reference Books	
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
4.	Kurien C.T and James Joseph (1979), “Economic Change in Tamil Nadu: A Regionally and Functionally Disaggregated Study”, Allied Publishers Pvt. Ltd. New Delhi.
Web Resources	
1.	www.tn.gov.in
2.	http://tnenvis.nic.in/
3.	https://www.msmeonline.tn.gov.in/
4.	https://ctd.tn.gov.in
5.	https://www.tamilnadutourism.tn.gov.in

Mapping with Programme Outcomes and Programme Specific Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	3	3	3	3	3	3	3	3	3	2
CO2	3	3	3	3	3	3	3	3	3	3	2
CO3	2	2	3	2	2	3	3	3	3	3	3
CO4	3	3	3	3	3	3	3	3	3	3	2
CO5	3	3	3	3	3	3	2	3	3	3	2
Total	14	14	15	14	14	15	14	15	15	15	11
Average	2.8	2.8	3.0	2.8	2.8	3.0	2.8	3.0	3.0	3.0	2.2

3 – Strong, 2- Medium, 1- Low

3rd YEAR: FIFTH SEMESTER

Course Code	Course Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
24UECE54	FINANCIAL MARKET & INSTITUTIONS	EC – 6(2)	3	1	0	0	3	4	25	75	100
Learning Objectives											
LO1	To restate a comprehensive functions and operations of financial markets										
LO2	To summarise the various financial institutions and its operations in India										
LO3	To apply the role of banks in the financial operations and its regulations										
LO4	To analyse the Financial Institutions in India and its influence on Indian Economy.										
LO5	To justify the Exchange Markets and its aspects.										
UNIT	Contents									Hours	
1	Introduction Introduction to Financial System and Economic Development - Indicators of Financial Development, Concepts Related to Financial Markets and Institutions – Indian Financial stability and crisis – Causes and Policy response – Digital Banking – startup funding.									12	
2	Financial Institutions – I 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.									12	
3	Financial Institutions – II Financial Institutions – Provident Fund, Pension Fund, Insurance Companies - Mutual Fund, Credit Rating Agencies, Merchant Bank, Venture Capital Funds - Government Security Market: Bond Market, Corporate & Public Sector Undertaking Bonds.									12	
4	Derivatives Market Equity and Stock Exchange Methods in India - Classification of Stock Market and Securities – IPO, Stock Exchanges, Stock Market Indices, Derivatives Market - Types of Derivatives – Investment planning - Entrepreneurship competition and Innovation projects.									12	
5	Exchange Market Foreign Exchange Market – Structure & Provision - Risk Management in Foreign Exchange – Types of Exchange - Exchange Rate system and Determination – Foreign Capital – FDI & FII, Central Bank Intervention in Foreign Exchange Market.									12	
100% Theory									Total	60	

Course Outcomes	
COs	On completion of this course, students will be able to
CO1	Analyse the role and importance of the Indian Financial Market.
CO2	Identify the importance of Commercial Banks
CO3	Understand and analyse the mechanics and regulation of financial instruments and determine how the value of stocks, bonds, and securities are calculated.
CO4	Evaluate the potential performance of Derivative Market.
CO5	Associate the Foreign Exchange Market.
Textbooks	
1	Bharti Pathak 2026 , Indian Financial System, Markets, Institutions and Services 6th Edition, Pearson.
2	Frederic S. Mishkin , Stanley G. Eakins ,Tulsi Jayakumar, and Hemant Manuj 2024, 'Financial Markets and Institutions', 10th Edition, Pearson Education.
3	Saunders, A., Cornett, M. M., & Erhemjamts, O. (2012). Financial Markets and Institutions. McGraw-Hill/Irwin.
4	Maureen Burton, Reynold F. Nesiba, Bruce Brown, "An Introduction to Financial Markets and Institutions", Talyor& Francis, 2015
5	Dr.F.C Sharma, " Financial Markets, Institutions and Services" SBPD Publications, 2021
Reference Books	
1	Megginson, W. L. (2005). The Financial Economics of Privatization. Oxford University Press on Demand.
2	Burton, M., Nesiba, R. F., & Brown, B. (2015). An introduction to Financial Markets and Institutions. Routledge.
3	Jones, F. M. (2014). Foundations of Financial Markets and Institutions. Pearson Education.
4	Dr.Gurusamy .S (2018) Financial Markets and Institutions, McGraw Hill Education India.
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

Mapping with Programme Outcomes and Programme Specific Outcome

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	3	3	3	3	3	3	3	3	3	2
CO2	3	2	3	3	3	3	3	3	2	3	3
CO3	3	3	2	2	3	3	3	3	3	2	2
CO4	3	3	3	3	3	2	3	3	3	3	3
CO5	3	3	3	3	3	3	2	3	3	2	3
Total	15	14	14	14	15	1	14	15	14	13	13
Average	3.0	2.8	2.8	2.8	3.0	2.8	2.8	3.0	2.8	2.6	2.6

3 – Strong, 2- Medium, 1- Low

3rd YEAR: FIFTH SEMESTER

Course Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UAEC51	GENDER EQUALITY AND SOCIAL INCLUSION	AEC	1	1	0	0	2	2	25	75	100
<i>Learning Objectives</i>											
LO1	To understand the introduction to Gender and Social Inclusion										
LO2	To acquire knowledge on Gender inequality in society										
LO3	To equip Social Exclusion and Marginalized Group										
LO4	To understand Legal Frameworks and Policies										
LO5	To assimilate knowledge about Strategies for Promoting Equality and Inclusion										
UNIT	Content									Hours	
1	Introduction to Gender and Social Inclusion: Concepts Gender-Gender roles, stereotypes, and socialization -Meaning and importance of social inclusion- Intersectionality (gender, caste, class, disability, etc.) - Historical perspectives on gender inequality.									6	
2	Gender Inequality in Society: Forms of gender discrimination (education, health, employment) - Gender-based violence and its types - Wage gap and economic inequality - Representation of gender in media and culture - Case studies on gender inequality (local and global).									6	
3	Social Exclusion and Marginalized Groups: Understanding social exclusion - Marginalized communities (women, LGBTQ+ individuals, persons with disabilities, minorities) - Barriers to inclusion (social, economic, political) - Role of culture, tradition, and norms in exclusion - Impact of exclusion on development.									6	
4	Legal Frameworks and Policies: National and international laws promoting gender equality - Human rights perspective on inclusion - Government policies and welfare programs - Role of institutions (NGOs, UN, civil society).									6	
5	Strategies for Promoting Equality and Inclusion: Gender mainstreaming and inclusive development - Education and awareness programs - Role of media and technology - Empowerment approaches (economic, social, political) - Community participation and leadership - Measuring progress (indicators like SDGs)									6	
100% Theory									Total	30	

Course Outcomes	
COs	On completion of this course, students will be able to
CO1	Understand the introduction to Gender and Social Inclusion
CO2	Acquire knowledge on Gender inequality in society
CO3	Equip the knowledge on Social Exclusion and Marginalized Group
CO4	Understand Legal Frameworks and Policies to wards gender Equality
CO5	Gain knowledge about Strategies for Promoting Equality
Textbooks	
1	Khushbu Rupani & Neeta Manwani, 2020, Gender Equality , Writers Platform.
2	Dr. Kuldeep Singh, 2024, ‘ Gender Equality and Women Empowerment : Vision And Contribution of Babasaheb Dr. B.R. Ambedkar’, Kindle Edition,
3	Development as Freedom, Amartya Sen, Publisher: Oxford University Press (1999)
Reference Books	
1	Gender Trouble: Feminism and the Subversion of Identity, 2nd Edition (1999 revised edition),
2	David E. Newton, Gender Inequality: A Reference Handbook, Bloomsbury Academic, 2019.
3	Dr. Gurusamy .S (2018) Financial Markets and Institutions,’ McGraw Hill Education India.
Web Resources	
1	GESI-Traning-Module.pdf
2	Gender, Equality and Social Inclusion WV.pdf
3	integrity-action-gesi-strategy-version-2.pdf
4	Major Marginalized Groups: A Closer Look - Urban Studies
5	UNOPS GESI Mainstreaming in Projects Strategy (Final)

Mapping with Programme Outcomes and Programme Specific Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	2	2	3	2	3	2	3	3	2	2	2
CO2	2	2	2	2	2	2	2	2	2	2	2
CO3	2	3	3	2	3	2	3	3	2	2	2
CO4	2	2	2	2	2	2	2	2	3	2	2
CO5	3	3	3	2	3	2	3	3	3	2	2
Total	11	12	13	10	13	10	13	13	12	10	10
Average	2.2	2.4	2.6	2.0	2.6	2.0	2.6	2.6	2.4	2.0	2.0

3 – Strong, 2- Medium, 1- Low

3rd YEAR: FIFTH SEMESTER

Course Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UCOIK51	INDIAN KNOWLEDGE SYSTEMS IN COMMERCE AND MANAGEMENT	IKS	1	1	0	0	0	2	25	75	100
Learning Objectives											
LO1	To introduce the foundations of Indian Knowledge Systems (IKS) in the context of commerce and management.										
LO2	To understand ancient Indian economic thought, trade, and financial systems.										
LO3	To analyze ethical, sustainable, and value-based management principles rooted in Indian traditions.										
LO4	To relate traditional practices with contemporary business and corporate strategies.										
LO5	To promote holistic, socially responsible, and indigenous perspectives in management education.										
UNIT	Content									Hours	
1	Foundations of Indian Knowledge Systems Meaning, scope, and significance of Indian Knowledge Systems (IKS) - Nature of Indian knowledge: holistic, interdisciplinary, and experiential - Key philosophical concepts: Dharma, Artha, Karma, and Purusharthas - Knowledge traditions: Vedas, Upanishads, and Arthashastra - Indian worldview in decision-making: <i>Vasudhaiva Kutumbakam</i> (global welfare orientation) - <i>Sarva Loka Hitam</i> (universal stakeholder welfare).									6	
2	Indian Economic Thought and Indigenous Trade Systems Economic ideas in Kautilya's Arthashastra - Ancient taxation, public finance, and state economy - Trade and commerce in ancient India - Guild system (<i>Shreni</i>) and its organizational structure - Indigenous markets and historical trade routes - Traditional business practices: Bahi-Khata accounting system - Hundi (indigenous credit instruments) - Role of temples and institutions in economic administration.									6	
3	Indian Management Thought and Leadership Practices Principles of management in classical Indian texts - Leadership insights from epics: Ramayana and Mahabharata - Teachings of the Bhagavad Gita in management: Decision-making and ethical responsibility - <i>Nishkama Karma</i> (selfless action): Dharma-based leadership and governance - Chanakya's administrative and strategic principles - Emotional intelligence in Indian psychology: Triguna theory.									6	
4	Ethics, Sustainability, and Corporate Responsibility Ethical foundations in Indian business traditions - Concept of Dharma in corporate governance - Stakeholder approach vs shareholder approach - Sustainability in Indian thought and cultural practices - Gandhian principle of Trusteeship (Mahatma Gandhi) - Environmental harmony and ecological balance in Indian culture - Corporate Social Responsibility (CSR) from an Indian perspective.									6	
5	Contemporary Relevance and Business Applications Relevance of IKS in modern commerce and management education - Comparison: Traditional vs modern business systems - Indian perspectives on entrepreneurship and innovation - Family business management in India - Financial discipline and wealth management practices - Digital transformation and preservation of indigenous knowledge systems.									6	
100% Theory									Total		30

Course Outcomes	
COs	On completion of this course, students will be able to
CO1	Explain key concepts of Indian Knowledge Systems in business context
CO2	Apply ancient Indian economic and ethical principles to modern commerce
CO3	Compare traditional and contemporary management practices
CO4	Evaluate sustainability and stakeholder-based approaches
CO5	Develop value-based decision-making skills
Textbooks	
1	Vishal Verma, Dr. Prashant Singh, Dr. Rishi Kant, Dr. Akriti Jaiswal, Dr. Jaya Tripathi Publisher: R.P. Publications.
2	Introduction to Indian Knowledge System – Concepts and Applications Authors: B. Mahadevan, Vinayak Rajat Bhat, Pavana R.N. Publisher: PHI Learning.
3	Indian Knowledge Systems (2 Volumes Set) Editors: Kapil Kapoor & Avadhesh Kumar Singh Publisher: D.K. Print world.
4	Indian Knowledge Systems in Commerce, Finance, and Accounting: IKS-II Author: Dr. Shaikh Taufiq Khalil.
Reference Books	
1	Kautilya – Arthashastra
2	Bhagavad Gita
3	IKS Course Material – IKS Division India
4	R.N. Iyengar – Indian Knowledge Systems
5	Selected research papers on Indian management thought
Web Resources	
1	https://iks.aicte-india.org/?utm_source=chatgpt.com
2	https://cbc.gov.in/indian-knowledge-system?utm_source=chatgpt.com
3	https://rjwave.org/jaifr/viewpaperforall.php?paper=JAAFR2504019&utm_source=chatgpt.com
4	https://journal.ijerm.co.in/index.php/ijerm/article/view/2851?utm_source=chatgpt.com
5	https://acc.ac.in/indian-knowledge-system-iks/?utm_source=chatgpt.com

Mapping with Programme Outcomes and Programme Specific Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	2	2	3	2	3	2	3	3	2	2	2
CO2	2	2	2	2	2	2	2	2	2	2	2
CO3	2	3	3	2	3	2	3	3	2	2	2
CO4	2	2	2	2	2	2	2	2	3	2	2
CO5	3	3	3	2	3	2	3	3	3	2	2
Total	11	12	13	10	13	10	13	13	12	10	10
Average	2.2	2.4	2.6	2.0	2.6	2.0	2.6	2.6	2.4	2.0	2.0

3 – Strong, 2- Medium, 1- Low

3rd YEAR: SIXTH SEMESTER

Course Code	Course Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
24UECC61	FISCAL ECONOMIC	Core 13	3	1	1	0	4	5	25	75	100
Learning Objectives											
LO1	To generate and practice on the various aspects of Fiscal Economics.										
LO2	To relates various theories of fiscal economics and its applications										
LO3	To analyse the tax process and incidence of the taxation in Indian system.										
LO4	To associate the trends in public expenditure and debt management.										
LO5	To design the Budget of the Government of India, central and state relation and recommendations.										
UNIT	Contents										Hours
1	Introduction Fiscal Economics: Nature, Scope, Objectives and Instruments – Importance – Major Fiscal Functions - Market Failure: Public Goods and Private Goods, Externalities, Efficiency Versus Equity- Principles of Functional Finance – Financial Inclusion										15
2	Theories of Fiscal Economics and Policy Principle of Maximum Social Advantage - Wagner’s Law of Public Expenditure - The Benefit Approach - The Ability - to - Pay Approach - Equal Sacrifice Principle - Concepts of Incidence: Modern Theory of Incidence - Fiscal Policy in India.										15
3	Taxation Public Revenue: Sources - Public Budget: Types and Structure - Taxation - Features of a Good Tax System- Direct and Indirect Taxes: Merits and Demerits – Principles of Taxation – Canons of Taxation - Incidence and Shifting of Taxation - Elasticity and Determination of Tax Burden - Optimal Taxation and Major Taxes in India: GST.										16
4	Public Expenditure and Debt Classification of Public Expenditure – Sources of Government Expenditure - Causes for Increase Public Expenditure – Effects - Components of Public Expenditure - Public Debt: Meaning, Types and causes, Burden of Public Debt- Principles of Public Debt Management– Deficit Financing – Economic Crisis.										14
5	Indian Public Finance Budget of the Government of India (Previous Financial Year) - Sources of Public Receipts (Tax and Non-Tax and its Impacts)- Sources of Public Borrowing and Debt Liabilities- Deficits - Fiscal Federalism: Centre and State Relations - Finance Commission Recommendations (16 th commission).										15
100% Theory									Total	75	

Course Outcomes	
COs	The students can able to
CO1	Study about the importance instruments of the Fiscal system, Equality and externalities.
CO2	Evaluate the Principles and theories of Public Finance.
CO3	Analyze the Indian Tax System and Policy.
CO4	Describe classification, Laws of Public Expenditure and Public Debt.
CO5	Modify the Indian Public Finance System and Policy Recommendations.
Textbooks	
1	Bhatia H.L., (2018), Public Finance, Vikas Publications.
2	Tyagi B.P and H.P.Singh (2018) “ Public Finance” Jai Prakash Nath & Co, Meerut
3	Dr. S.K Singh, “Public Finance in theory and Practice”, S. Chand Publishing, 2008
4	Lekhi, “Public Finance”, Kalyani Publishers, 2015.
Reference Books	
1	Dr. R. Premalatha, Dr. V. Bala Ruby, 2024, ‘Fiscal Economics’, Journal
2	S M Jawed Akhtar, Sana Naseem, 2013, ‘Fiscal Policy Reforms in India Since 1991’, Delhi Book Store.
3	Andley and Sundaram. (2004). Public Finance, RatanPrakashan, Agra.
4	Mu Raja J. Chelliah, “Fiscal Policy in Underdeveloped Countries”, Allen and Moowbray Limited at the Alden Press Oxford, II Edition, 2012.
Web Resources	
1	https://finmin.nic.in/
2	https://www.nipfp.org.in/
3	https://www.niti.gov.in/
4	https://www.gst.gov.in/
5	https://www.indiabudget.gov.in/

Mapping with Programme Outcomes and Programme Specific Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	3	3	3	3	3	3	3	3	3	3
CO2	3	3	3	3	3	3	3	3	2	2	3
CO3	3	2	3	2	2	3	3	3	3	3	3
CO4	3	3	3	3	3	2	3	3	2	2	2
CO5	3	3	3	3	3	3	2	3	3	3	2
Total	15	14	15	14	14	14	14	15	13	13	13
Average	3.0	2.8	3.0	2.8	2.8	2.8	2.8	3.0	2.6	2.6	2.6

3 – Strong, 2- Medium, 1- Low

3rd YEAR: SIXTH SEMESTER

Course Code	Course Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
24UECC62	ECONOMETRICS FOR ECONOMICS II	Core - 14	3	1	1	0	4	5	25	75	100
Learning Objectives											
LO1	To apply econometric tools in real-life situations like demand analysis, cost estimation, and economic forecasting.										
LO2	To estimating relationships between variables and problems like test hypothesis.										
LO3	To explore applications of panel data in economic analysis (growth, wages, policy impact).										
LO4	To determine different estimation techniques of ILS and two SLS.										
LO5	To develop the Methodology of Econometrics and forecasting.										
UNIT	Contents									Hours	
1	Applications Application of Econometric Models - Application of Single Equation Technique in Demand analysis - Aggression Problem, Engle's Law, Slutsky's Theorem - Aggregation over consumers - Properties of the Estimators - Estimation of Consumption Function - Cross Section and Time – Using Data Models in NSSO, RBI, World Bank, IMF and CMIE.									15	
2	Problem of Estimation Instrumental Variable (IV) Estimation (Regression) and Two Stage Least Squares - Hypothesis Testing (t and F test)–Test of Goodness of Fit R^2 and Adjusted R^2 - Two stage least squares with single and multiple endogenous explanatory variables- Omitted variable bias.									16	
3	Panel Data Models Panel Data Models (static) - Fixed effects estimation - Least Squares Dummy Variable estimation (LSDV) - Random effects model -Pooling Independent Cross Sections across Time -Two period panel data analysis - Autoregressive and Distributed Lag Model.									14	
4	Simultaneous Equation Model Identifying and estimation of a structural equation using reduced form Systems with more than two equations - Structural Form Equations – Rank and Order Condition – Indirect Least Square Estimation – Two Stage Least Square Estimation - Extensions of Linear Regression.									15	
5	Forecasting Introduction to Time Series Models - Time Series Analysis: Some Basic Concepts – ARMA (p, q) – Var (p) – non-stationary processes -efficient market hypothesis – predictor methods - Testing for unit roots-Cointegration and error correction models – Interpretation of Economic Data.									15	
100% Theory									Total	75	

Course Outcomes	
COs	The students can able to
CO1	solving the application of Econometrics in Economics
CO2	Practice the techniques of measuring economic variables to test and fit.
CO3	Choose the appropriate model based on data characteristics and tests
CO4	Interpret results from simultaneous equation models in economic analysis.
CO5	Use models to estimate and forecast economic outcomes
Textbooks	
1	Gujarathi, D. M. (2022). Gujarati: Basic Econometrics. McGraw-hill.
2	Ramanathan, R. (1992). Introductory econometrics with applications. Dryden Press.
3	Koutsoyiannis (2007) “A, Theory of Econometrics”, Palgrave, Delhi.
4	M. Wooldridge, “Introductory Econometrics: A Modern Approach”, Jeffery 5th Edition 2013.
Reference Books	
1	Dominick Salvatore and Derrick Reagle, Statistics and Econometrics, Tata McGraw Hill (Schaum’s Series).
2	Damodar, N. (2009). Basic Econometrics Fifth Edition. McGraw-Hill.
3	Moody, C. (2009). Basic econometrics with STATA. Economics Department. College of William and Mary.
4	Johnson Jr, A. C., Johnson, M. B., & Buse, R. C. (1987). Econometrics: Basic and applied. New York.
5	Hill, R. C., Griffiths, W. E., & Lim, G. C. (2018). Principles of econometrics. John Wiley & Sons.
Web Resources	
1	https://nptel.ac.in/courses/111104072
2	http://home.iitk.ac.in/~shalab/onlinecoursematerial
3	https://www.econometricsociety.org
4	https://economicsnetwork.ac.uk

Mapping with Programme Outcomes and Programme Specific Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	2	2	3	3	3	3	3	3	3	3	2
CO2	3	3	3	3	3	3	3	3	3	3	2
CO3	3	3	2	2	3	3	3	3	3	2	2
CO4	3	3	3	3	3	2	3	3	3	3	2
CO5	3	3	3	3	3	3	2	3	3	2	3
Total	14	14	14	14	15	14	14	15	15	13	11
Average	2.8	2.8	3.0	2.8	3.0	2.8	2.8	3.0	3.0	2.6	2.2

3 – Strong, 2- Medium, 1- Low

3rd YEAR: SIXTH SEMESTER

Course Code	Course Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
24UECE61	INTERNATIONAL ECONOMICS	EC -7(1)	3	1	1	0	3	5	25	75	100
Learning Objectives											
LO1	To acquire knowledge about the international trade in Economics and problems appeared in trading.										
LO2	To criticize and overview of International Trade theories										
LO3	To associate the Foreign Exchange Market and its operations										
LO4	To generate the BOP disequilibrium and International Trade Policy.										
LO5	To demonstrate the concepts on Trade and Logistics										
UNIT	Contents									Hours	
1	Introduction Nature and Scope of International Economics – Importance – Difference between Internal and International Trade - The Globalization of the World Economy - International Trade and the Nation’s Standard of Living - Current International Economic Problems and Challenges Trade Wars – WTO Policies.									16	
2	International Trade Theories Absolute Advantage: Adam Smith - Comparative Advantage: David Ricardo - Opportunity Cost: Haberler - Reciprocal Demand: Mill - Offer Curves: Marshall - Factor Endowments: Heckscher-Ohlin - Economic Growth and International Trade.									16	
3	Foreign Exchange Market & Theories FOREX: Function and structures - Exchange Rates: Fixed, Flexible, Floating, Pegged, Nominal and Real Exchange Rates - Theories: Mint Parity Theory, Purchasing Power Parity Theory - Devaluation, revaluation, depreciation and appreciation.									14	
4	Balance of Payments and Trade Balance of Payments Theory - The Balance of Payments Account - Equilibrium and Disequilibrium in BOP - Surplus and Deficit in BOP- BOP in India - Adjustment Mechanism: Direct and Indirect Mechanisms– Export Promotion and Import Substitution – Trade Analytics.									14	
5	Trade Policy & Logistics of Trade Foreign Trade Policies - 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 – Global Trade of Logistics: importance - Domestic Logistics.									15	
100% Theory									Total		75

Course Outcomes	
COs	The students can able to
CO1	Develop characteristics of Globalisation and its current international economic problems and challenges.
CO2	Grasp the basic theories of International Trade and Economic Growth.
CO3	Understand the functions, structure and theories of Foreign Exchange Market.
CO4	Describe the BOP disequilibrium, Adjustment Mechanism, Export Promotion and Import Substitution.
CO5	Outline the concepts of terms of trade and assess the Tariff, quotas, Free trade and economic development

Textbooks

1	Dominick Salvatore, 2021, ' International Economics, 13th Edition An Indian Adaptation, Wiley.
2	Dwivedi, D. N. (2013). International Economics: Theory and Policy. Vikas Publishing House, New Delhi.
3	M.L Jhingan, " International Economics", Vrinda publications, 2016
4	K.R.Gupta, International Economics, Atlantic Publishers, 2017

Reference Books

1	Paul Krugman, Maurice Obstfeld, and Marc Melitz, (2014), International Economics: Theory and Policy, Addison-Wesley (Pearson Education Indian Edition), 9th edition.
2	Leamer, E. E., & Stern, R. M. (2017). Quantitative International Economics. Routledge.
3	Salvatore, D. (2016). International Economics. John Wiley & Sons.
4	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-

Mapping with Programme Outcomes and Programme Specific Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	2	3	3	3	3	3	3	3	3	2	3
CO2	3	3	3	3	3	3	3	3	3	2	2
CO3	3	3	3	2	2	3	3	3	2	3	2
CO4	3	3	2	3	3	2	3	3	2	2	3
CO5	3	3	3	3	2	3	2	3	3	3	2
Total	14	15	14	14	15	14	14	15	13	12	12
Average	2.8	3.0	2.8	2.8	2.6	2.8	2.8	3.0	2.6	2.4	2.4

3 – Strong, 2- Medium, 1- Low

3rd YEAR: SIXTH SEMESTER

Course Code	Course Name	Category	L	T	P	S	Credits	Inst. Hours	Marks			
									CIA	External	Total	
24UECE62	URBAN ECONOMICS	EC -7(2)	3	1	1	0	3	5	25	75	100	
Learning Objectives												
LO1	To outline the role of Urban Economics and its structure											
LO2	To restate the basic concepts and problems in Urban Economics.											
LO3	To describes the various urban infrastructures and development plans.											
LO4	To simplify about urbanization through migration and the theories.											
LO5	To use migration policies and its measures in urban development.											
UNIT	Contents									Hours		
1	Introduction Definition of Urban Economics- Nature and Scope of Urban Economics – Role and significance - Density, Urbanization - Definition of a City and Metropolitan area - Urban structure and Urban growth -Urban Sustainability.									15		
2	Concept of Urbanisation Urbanization – Sectoral Concept of Urban in India – Urban Morphology - Causes and Issues of Urbanization- Sustainable Urbanization - patterns of urbanization - problems associated with urbanization – Circular Economy.									15		
3	Urban Infrastructure Urban Infrastructure- Transportation – Electricity - Water Supply - Slums, Housing and Urban Renewal - Public Health – Environment issues on facility and betterment in Urban developments – Government Plans: Townships – Crisis – Challenge.									15		
4	Migration Theories Theories of Rural Urban Migration –Ravenstein’s Law of Migration- Stouffer’s Intervening Opportunity theory – Transition Model - Everett Lee’s theory: Reasons for Migration - Push and Pull factors – Gravity Model – Urban Governance Models.									15		
5	Policies for Urban Development Important Policies and Programmes of Urban development from 1958 to 2008 – Urban Local Bodies – Reforms – Disaster Management in Urban Areas - Smart Cities in India – trends in Tamil Nadu – Urban Data Analytics.									15		
	100% Theory									Total		75

Course Outcomes	
COs	The students can able to
CO1	Acquire knowledge on the subject matter of Urban Economics
CO2	Gain Knowledge on Urbanization and its Impact
CO3	Understand and analyses the Urban Infrastructure
CO4	Analyze the impact of Migration
CO5	Apply various ideas and policies in Urban Economics.
Textbooks	
1	Ahluwalia, I.J., Kanbur, R., & Mohanty, P.K. Urbanization in India, Sage Publications, New Delhi. (2020).
2	Arthur O' Sullivan, Urban Economics, Tata McGraw Hill, 2009.
3	Douglas.M. Brown, " Introduction to Urban Economics", 2013
4	John F. McDonald, Daniel P. McMillen, "Urban Economics and Real Estate: Theory and Policy", Wiley, 2011
Reference Books	
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
3	Harris Tondon (1973), Introduction to Urban Economic Analysis and Policy New York.
4	Mark Garrett (1996), Transportation Planning (Sage Publications, New Delhi).
Web Resources	
1	https://smartcities.gov.in/
2	http://www.moud.in/
3	https://urbaneconomics.org/
4	https://www.iom.int/
5	https://refugeesmigrants.un.org/

Mapping with Programme Outcomes and Programme Specific Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	2	3	3	3	2	3	3	3	2	2
CO2	3	2	2	2	2	2	2	2	3	3	3
CO3	3	3	3	2	3	2	3	3	3	3	2
CO4	3	2	2	2	2	2	2	2	3	2	2
CO5	3	3	3	3	3	3	3	3	3	2	3
Total	15	12	13	12	13	11	13	13	15	12	12
Average	3.0	2.2	2.6	2.4	2.6	2.2	2.6	2.6	3.0	2.4	2.4

3 – Strong, 2- Medium, 1- Low

3rd YEAR: SIXTH SEMESTER

Course Code	Course Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
24UECE63	ENTREPRENEURIAL DEVELOPMENT	EC – 8(1)	3	1	1	0	3	5	25	75	100
Learning Objectives											
LO1	To formulate the factors influencing entrepreneurship generation.										
LO2	To develop the entrepreneurial environment and support systems.										
LO3	To support skills for business plan preparation and feasibility analysis.										
LO4	To determine the dynamic launching of entrepreneurship and managing small businesses.										
LO5	To invent the role of MSME in economic growth.										
UNIT	Contents										Hours
1	Introduction Meaning and Importance of Entrepreneurship - Evolution – Stages - Factors influencing Entrepreneurship: Psychological, Social, Economic and Environmental - Characteristics of an Entrepreneur - Types of Entrepreneurs- New Generations of entrepreneurship - Barriers to entrepreneurship.										15
2	Entrepreneurial Environment Entrepreneurship Environment – Features – Types – Role of Family and Society – Entrepreneurship Development Training and other Support Organizational Services – Central and State Government Industrial Policies and Regulations – International Business.										15
3	Business Plan Preparation: Sources of Product for Business – Prefeasibility Study – Fundamentals and components of a good feasibility plan - Criteria for Selection of Product – Ownership – Capital –Budgeting – Project Profile Preparation – Matching Entrepreneur with the Project: Preparation Skill – Project Profitability Analysis – Entrepreneurs thinking – Innovation.										12
4	Launching of Small Business : Functional areas of business –Finance and Human Resource Mobilization – Operations Planning – Market and Channel Selection – Product Launching – Incubation, Venture capital - IT startups growth in recent years: advantages and disadvantages – Agri-entrepreneurship Development – Government Schemes – Self Employment Opportunities.										18
5	MSME's and Support Institutions Government Schemes : MSME's and Support Institutions Government Schemes and Women Entrepreneurship – Importance of MSME for Economic Growth – MSME – Definition – Role of Government Organizations in Entrepreneurship Development through MSME - Growth: Funds Rating Knowledge.										15
100% Theory									Total	75	

Course Outcomes	
COs	The students can able to
CO1	Identify the various traits of an entrepreneur
CO2	Analyze the entrepreneurial ecosystem and policies.
CO3	Develop a feasible business plan.
CO4	Demonstrate knowledge of starting and operating a business.
CO5	To develop an understanding of the role of MSME in economic growth
Textbooks	
1	SS Khanka, 2025, Entrepreneur Development (5th Edition), S Chand publication.
2	Jayashree Suresh, (Reprint 2017) Entrepreneurial Development, Margham Publications. Chennai.
3	Dr. C.B. Gupta & Dr. S.S. Khanka (Reprint 2014).Entrepreneurship and Small Business Management, Sultan Chand & Sons, New Delhi.
4	RajShankar,(Reprint2016),EntrepreneurshipTheoryandPractice,VijayNicoleand Imprints Pvt. Ltd, Chennai.
5	Vasant Desai, (Reprint 2017).Dynamics of Entrepreneurial Development & Management Twenty Fourth Edition. Himalaya Publishing House. Mumbai.
Reference Books	
1.	Anil kumar, Poornima, Principles of Entrepreneurial development, Newage publication, Chennai.
2.	Dr.A.K.singh, Entrepreneurial development and management, Laxmi publications, Chennai.
3.	Dr. R.K. Singal, Entrepreneurial development and management, S.K.Kataria publishers, New Delhi.
4.	Dr. M.C. Garg, Entrepreneurial Development, New Delhi.
5.	E.Gordon, K.Natrajan, Entrepreneurial development, Himalaya publishing, Mumbai.
Web Resources	
1.	https://www.interaction-design.org/literature/topics/design-thinking
2.	https://www.bms.co.in/steps-involved-in-setting-up-of-an-enterprise/
3.	http://www.msme.gov.in/

Mapping with Programme Outcomes and Programme Specific Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	3	3	3	3	3	3	3	3	2	3
CO2	3	3	3	2	3	3	3	3	3	3	3
CO3	3	2	2	3	3	3	3	3	3	3	2
CO4	2	3	3	3	3	3	3	3	3	3	2
CO5	3	3	3	3	3	3	3	3	3	3	2
Total	14	14	14	14	15	15	15	15	15	14	12
Average	2.8	2.8	2.8	2.8	3.0	3.0	3.0	3.0	3.0	2.8	2.4

3 – Strong, 2- Medium, 1- Low

3rd YEAR: SIXTH SEMESTER

Course Code	Course Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
24UECE64	BEHAVIOURAL ECONOMICS	EC – 8(2)	3	1	1	0	3	5	25	75	100
Learning Objectives											
LO1	To acquire knowledge on Behavioral economics, especially the concept of rational decision-making.										
LO2	To identify major types of heuristics behavioural & Biases.										
LO3	To understand key elements of animal spirits and impacts of psychological factors in macroeconomic fluctuations.										
LO4	To impart knowledge on how people’s behaviour influence Decision Making.										
LO5	To know the Nature and Components of mental accounting.										
UNIT	Contents									Hours	
1	Introduction 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 - Modern Behavioural Economics overview: Neuro Economics, Experimental Economics and Data Science and AI.									16	
2	Heuristics & Biases Advantages and Disadvantages of Heuristics - Availability Heuristic - Anchoring Heuristic - Representative Heuristic - Self Evaluation Biases and Projection Bias - Overconfidence bias - Loss aversion - Framing effect - Confirmation bias.									14	
3	Animal Spirits and its impact Confidence – its feedback mechanism that amplifies disturbances - Fairness – Its influence in setting wages and prices - Corruption and Antisocial behavior - Money Illusion – Improper interpretation of inflation and deflation.									15	
4	Prospect Theory Conventional approaches to modifying Expected Utility theory - Prospect theory and Endowment effect - Reference points and Loss Aversion - Shape of the utility function - Decision weighting.									17	
5	Mental Accounting Nature and Components of mental accounting - Framing and Editing - Budgeting and Fungibility - Choice Bracketing and Dynamics.									13	
100% Theory									Total	75	

Course Outcomes	
COs	The students can able to
CO1	Assess the evolution of economic thought from rational models to behaviour-based models.
CO2	Critically analyse decision-making processes by recognizing the presence of biases.
CO3	Compare traditional economic models with behavioural approaches incorporating animal spirits.
CO4	Apply Prospect Theory to understand how people make decisions when presented with alternatives that involve risk, probability and uncertainty.
CO5	Understand and apply in policy the different aspects of the concept of mental accounting.
Textbooks	
1	Phillip Corr and Anke Plagnol, Behavioral Economics: The Basics 1 st Edition, Kindle Edition, Routledge, 2018.
2	David Correll Behavioral Economics: Psychology, Neuroscience, and The Human Side of Economics (Hot Science) Icon Books Ltd, 2021.
3	Sanjit Dhama, The Foundations of Behavioral Economic Analysis, Oxford University Press, 2016.
4	Brandon Lehr, “Behavioral Economics Evidence, Theory, and Welfare”, Talyor& Francis, 2021.
Reference Books	
1	Nick Wilkinson and Matthias Klaes (2012) An Introduction to Behavioural Economics 2 nd Edition, Palgrave Macmillan, London
2	David R. Just(2014) Introduction to Behavioural Economics, Wiley Publication, New Jersey
3	Frank Robert H (2015) Microeconomics and Behaviour, McGraw Hill Education, New York, 2015
4	Thaler, Richard H (2016) The Making of Behavioural Economics - Misbehaving, WW Norton & Co, Penguin, London
Web Resources	
1	www.behavioraleconomics.com/BEGuide2017.pdf
2	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/

Mapping with Programme Outcomes and Programme Specific Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	2	3	3	3	3	3	3	3	3	3	3
CO2	3	3	3	3	3	3	3	3	3	3	3
CO3	3	3	2	2	3	3	3	3	3	3	3
CO4	3	3	3	3	3	2	3	3	3	3	3
CO5	3	3	3	3	3	3	3	3	3	3	2
Total	14	15	14	14	15	15	15	15	15	15	14
Average	2.8	2.8	3.0	2.8	3.0	3.0	2.8	3.0	3.0	3.0	2.8

3 – Strong, 2- Medium, 1- Low

3rd YEAR: SIXTH SEMESTER

Course Code	Course Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
24UECP61	ECONOMICS FOR INVESTORS	PEC-1	1	1	0	0	2	2	25	75	100
Learning Objectives											
LO1	To restate concepts of saving and investments										
LO2	To realise the various investment avenue and its practice applications										
LO3	To enables various investment markers and its features										
LO4	To know the economic fundamentals and the Business Environment										
LO5	To understand various investment methods and its strategies										
UNIT	Contents									Hours	
1	Introduction Saving and Investments – Meaning – Types - Importance – Role of Savings and Investment on the development of Individuals- Distributional Role of Investment – Income and Wealth – Equitable Distributional Role									6	
2	Investment Avenues Traditional Investment – Cash, Deposits, Gold, Silver, Commodities Real Estates. Modern Investment – Direct Investment – Portfolio Investment - Insurance -Mutual Funds -Traded Funds.									6	
3	Investment Markets Capital Market – Share Market – Primary and Secondary – Bond Markets- Money Market – Metal Market - Commodities Markets – Foreign Exchange Market - Hedging - Futures and Options.									6	
4	Economic Fundamentals for Investors Domestic Economic Environment: Economic Growth and Development – National Income – Per Capita Income, Unemployment – Taxes, Trade Cycle – Infrastructure – Oil Market – War Between Countries – Angel Investment – Crowded Industry.									6	
5	Investment Methods and Strategies Cash Flow – Capital Gain – Risk Rewarding – Asset Accumulation – Investment Analysis - Risk Distribution – Asset Management – Portfolio Management.									6	
	100% Theory									Total	30

Course Outcomes	
COs	The students can able to
CO1	Describe the types and importance of savings and investments.
CO2	Explain the available for investment avenues
CO3	Understand the operations of different types of investment markets.
CO4	Evaluate the economic fundamentals and information.
CO5	Construct objective enabling investment plans, strategy, evaluate and restructure if required.
Textbooks	
1	Ken McElroy, (2004) The ABCs of Real Estate Investing, Hachette Book Group USA
2	Esme Faerber (2013), All about Stocks ,TataMGraw Hill, New Delhi
3	Christopher D. Piros, Jerald E. Pinto(2013), “Economics for Investment Decision Makers:Micro, Macro, and International Economics, Workbook”, Wiley, 2013
4	John Calverley, “The Investor's Guide to Economic Fundamentals”, Wiley, 2003
5	Howards Marks, Mastering the Market Cycle:Getting the Odds on Your Side”, John Murray Press, 2018
Reference Books	
1	Robert T. Kyosaki (2014), Guide To Investing Business Plus ISBN: 9780446589161
2	Mary Buffett and David Clark(2002), The New Buffettology (Simon and Schuster)
3	John C Bogle(2017) The Little Book of Common Sense Investing:The Only Way to Guarantee Your Fair Share of Stock Market Returns, Wiley Publications
4	William J. O’ Neil (2009) How to Make Money in Stocks: A Winning System in Good Times and Bad, Fourth Edition McGraw Hill Education
Web Resources	
1	https://www.capitalmarket.com/
2	https://www.icmagroup.org/
3	https://www.nseindia.com
4	https://www.stockbrokers.com/guides/beginner-investors
5	https://www.nasdaq.com/articles/10-best-stock-trading-websites-for-beginners

Mapping with Programme Outcomes and Programme Specific Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	3	3	3	3	3	3	3	3	3	3
CO2	3	3	3	3	3	3	3	3	3	3	3
CO3	3	3	3	3	3	3	3	3	2	2	3
CO4	3	3	3	3	2	3	3	3	3	3	2
CO5	2	2	3	3	3	2	3	3	2	2	3
Total	14	14	15	15	14	14	15	15	13	13	14
Average	2.8	2.8	3.0	3.0	2.8	2.8	3.0	3.0	2.6	2.6	2.8

3 – Strong, 2- Medium, 1- Low

3rd YEAR: SIXTH SEMESTER

Course Code	Course Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
24UECL61	SOCIAL MEDIA MARKETING	SLC	0	0	0	3	2	3	25	75	100
Learning Objectives											
LO1	To assess the foundations of social media and its role in marketing.										
LO2	To conceptualize social media marketing strategy planning.										
LO3	To restate the optimal use of various social media platforms for social media marketing.										
LO4	To acquire knowledge the typology of social media platforms and their utility for marketers.										
LO5	To become familiar with marketing through social media platforms.										
UNIT	Contents										Hours
1	Foundations of Social Media Marketing: Social media and its role within Marketing, Social Media Environment – Social consumers – Social applications – Social Business Ecosystem – Network structure and group influences in Social Media.										9
2	Social Media Marketing Strategy and Planning: Evolution of Digital Marketing, Importance, Scope - Rules of engagement for Social Media Marketing- Target Audience – Influencers –Content Developing a Social Media Marketing Plan -- Cloud marketing .										9
3	Social Media Platforms Activities: Social Media Analytics – Mobile Marketing – Integrating Digital and Social Media Strategies - Adwords, ORM, PPC and Online Advertising, Social Media Marketing, Social Media Strategy & Customer Engagement – SEO.										9
4	Content Creation and Sharing using Case Campaigns: Content Creation - Typology, scope and utility, Scope and marketing utility of blogging, micro-blogging, social networks, social bookmarking, collaboration, video sharing, podcasts, picture sharing, live streaming, webinars – AI Blog creation.										9
5	Marketing through Social Media Platforms: Marketing through Face book– Community building and engagement Marketing through LinkedIn – Marketing through Twitter – Driving traffic and conversations Marketing through YouTube – Viral marketing, Marketing through Instagram – Visual story telling Planning and creating multi-channel.										9
100% Theory									Total	45	

Course Outcomes	
COS	The students can able to
CO1	Understand the foundation of Social media marketing
CO2	Conceptualize social media marketing strategy formulation
CO3	Understand the typology of social media platforms
CO4	Become familiar with media analytics and metrics
CO5	Perform marketing through social media platforms.
Textbooks:	
1	Social Media Marketing: A Strategic Approach (2e). Barker, Barker, Bormann, Zahay and Roberts, 2017,)
2	Social Media Marketing (3e), Tuten and Solomon, 2018, Sage Publications
3	Social Media Marketing for Dummies (3e). Singh and Diamond, 2014, Wiley
4	Social Media Marketing: Next generation of business engagement, Evans and McKee, 2010, Wiley
Reference Books:	
1	Title: Social Media Marketing: Advantages and Disadvantages Authors: Rubathee Nadaraja and Rashad Yazdanifard
2	“The Start-Up Founder’s Guide to Digital Marketing” Author: Pramod Maloo
3	“Digital Marketing” (Indian Academic Style Books – Various Indian Authors) Seema Gupta Puneet Singh Bhatia
Web Resources:	
1	https://www.wordstream.com/social-media-marketing
2	https://engage.marketo.com/rs/460-TDH-945/images/The-Definitive-Guide-to-Social-Media-Marketing-Marketo.pdf
3	https://www.researchgate.net/publication/256296291_Social_Media_Marketing_SOCIAL_MEDIA_MARKETING_ADVANTAGES_AND_DISADVANTAGES

Mapping with Programme Outcomes and Programme Specific Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	3	3	3	3	3	3	3	3	3	3
CO2	3	3	3	3	3	3	3	3	3	3	3
CO3	3	3	3	3	3	3	3	3	2	2	3
CO4	3	3	3	3	2	3	3	3	3	3	2
CO5	2	2	3	3	3	2	3	3	2	2	3
Total	14	14	15	15	14	14	15	15	13	13	14
Average	2.8	2.8	3.0	3.0	2.8	2.8	3.0	3.0	2.6	2.6	2.8

3 – Strong, 2- Medium, 1- Low