

**SRI MEENAKSHI GOVT. ARTS COLLEGE FOR WOMEN (AUTONOMOUS),  
MADURAI – 2**



**DEPARTMENT OF ECONOMICS**

*Syllabus*

**B.A. ECONOMICS**

**For students who are admitted in the academic year 2023 - 2024**

<b>CHOICE BASED CREDIT SYSTEM AND LEARNING OUTCOMES-BASED CURRICULUM FRAMEWORK BASED B.A. ECONOMICS SYLLABUS</b>	
<b>Programme:</b>	<b>B.A. Economics</b>
<b>Programme Code:</b>	EM - UECE1, TM – UECT1
<b>Duration:</b>	<b>3 Years(UG)</b>
<b>Programme Outcomes:</b>	<p><b>PO1: Knowledge of Economics:</b> Ability to understand Economic Theories and functioning of Economic Models. To develop an adequate competency in the Economic Theory and Methods.</p> <p><b>PO2: Analytical Reasoning and Critical Thinking:</b> Critically Analyze and assess the way in which economists examine the real world to understand the current events and evaluate specific proposals.</p> <p><b>PO3: Logical Reasoning and Quantitative Ability:</b> Ability to understand how to collect and analyse data and use empirical evidence to evaluate the validity of hypothesis, using Quantitative Methodology and conduct data analysis to interpret results.</p> <p><b>PO4: Communication and Research Skills:</b> Communication and Research related skills. Developing a sense of capability for relevant/appropriate inquiry and asking questions, synthesising and articulating and reporting results and to efficiently communicate thoughts and ideas in a clear and concise manner.</p> <p><b>PO5: Gender, Environment and Sustainability:</b> Comprehend the Environmental issues and Sustainable Development and strive to achieving economic and social equity for women and be Gender Sensitive.</p> <p><b>PO6: Employability and Leadership Skills:</b> Become empowered individuals to be employed in various positions in industry, academia and research and have the potential to become Entrepreneurs and take leadership roles in their chosen occupations and communities.</p> <p><b>PO7: Social Interaction:</b> Acquire the ability to engage in relevant conversations and have the ability to understand the views of society that would help initiate policy making.</p> <p><b>PO8: Digital Literacy and Lifelong Learning:</b> Capability to use ICT tools in a variety of learning situation and use appropriate software for analysis of data - Ability to acquire Knowledge situations and skills for life through self directed learning and adapt to different learning environments.</p>
<b>Programme Specific Outcomes:</b>	<p><b>PSO1:</b> To enable students to apply basic microeconomic, macroeconomic and monetary concepts and theories in real life and decision making.</p> <p><b>PSO 2:</b> To sensitize students to various economic issues related to Development, Growth, International Economics, Sustainable Development and Environment.</p> <p><b>PSO 3:</b> To familiarize students to the concepts and theories related to Finance, Investments and Modern Marketing.</p> <p><b>PSO 4:</b> Evaluate various social and economic problems in the society and develop answer to the problems as global citizens.</p> <p><b>PSO 5:</b> Enhance skills of analytical and critical thinking to analyze effectiveness of economic policies.</p>

	<b>PO 1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>
<b>PSO 1</b>	Y	Y	Y	Y	Y	Y	Y	Y
<b>PSO 2</b>	Y	Y	Y	Y	Y	Y	Y	Y
<b>PSO3</b>	Y	Y	Y	Y	Y	Y	Y	Y
<b>PSO 4</b>	Y	Y	Y	Y	Y	Y	Y	Y
<b>PSO 5</b>	Y	Y	Y	Y	Y	Y	Y	Y

**3 – Strong, 2- Medium, 1- Low**

<b>MethodsofEvaluation</b>		
<b>Internal Evaluation</b>	ContinuousInternalAssessmentTest	25 Marks
	Assignments	
	Seminars	
	AttendanceandClassParticipation	
<b>External Evaluation</b>	EndSemesterExamination	75 Marks
	Total	100 Marks
<b>MethodsofAssessment</b>		
<b>Recall(K1)</b>	Simpledefinitions,MCQ,Recallsteps,Conceptdefinitions	
<b>Understand/Comprehend(K2)</b>	MCQ,True/False,Shortessays,Conceptexplanations,Shortsummaryor overview	
<b>Application (K3)</b>	Suggestidea/conceptwithexamples,Suggestformulae, Solveproblems, Observe,Explain	
<b>Analyze(K4)</b>	Problem-solvingquestions,Finishaprocedureinmanysteps,Differentiate betweenvariousideas,Mapknowledge	
<b>Evaluate(K5)</b>	Longer essay/Evaluationessay,Critiqueorjustifywithprosandcons	
<b>Create(K6)</b>	Checkknowledgeinspecificoroffbeatsituations,Discussion,Debatingor Presentations	

The following **Question pattern** with uniform distribution of marks from all 5 units to be followed:

**Part A**

MCQs 10 x 1=10 or 5 x 2 =10

**Part B (Internal choice - either/or)**

5 x 5 = 25

**Part C (Internal choice - either/ or)**

5 x 8 = 40

Students are expected to undergo Summer Internship/ Industrial training for a minimum of 30 hours in the semesters mentioned in the template.

Evaluation pattern for **Internship**

Attendance (mandatory) - 40 marks

Field work and performance - 40 marks

Report writing - 20 marks

Extension activities should be carried out after the class hours for a minimum of 15 hours.

Evaluation pattern for **Extension Activity**

Attendance - 50 marks

Participation - 25 marks

Report - 25 marks

SRI MEENAKSHI GOVT. ARTS COLLEGE FOR WOMEN(AUTONOMOUS)

MADURAI-2

DEPARTMENT OF ECONOMICS

PROGRAMME:B.A.ECONOMICS

SYLLABUS

(For students who are admitted in the academic year 2023-2024 )

SEMESTER-I

Part	Course Type	Course Code	Title of the Course	Hrs/Week	Credits	Exam Hrs	Marks		
							Int	Ext	Total
I	LC	U231A1/ U231H1	Tamil/Hindi	6	3	3	25	75	100
II	ELC	U232A1	English	6	3	3	25	75	100
III	CC1	U23CE1	Microeconomics-I	5	5	3	25	75	100
III	CC2	U23CE2	Statistics for Economics-I	5	4	3	25	75	100
III	GEC 1	U23GE05	Fundamentals of Management	4	4	3	25	75	100
I V	SEC1/ NM	U23SEE1	Demography	2	2	3	25	75	100
I V	Foundati on Course	U23FE1	Business communication	2	2	3	25	75	100
<b>TOTAL</b>				<b>30</b>	<b>23</b>				<b>700</b>

SEMESTER-II

Part	Course Type	Course Code	Title of the Course	Hrs/Week	Credits	Exam Hrs	Marks		
							Int	Ext	Total
I	LC	U231A2/ U231H2	Tamil/Hindi	6	3	3	25	75	100
II	ELC	U232A2	English	6	3	3	25	75	100

III	CC3	<b>U23CE3</b>	Microeconomics-II	5	5	3	25	75	100
III	CC4	<b>U23CE4</b>	Statistics for Economics-II	5	4	3	25	75	100
III	GEC 2	<b>U23GE07</b>	History of Economic Thought	4	4	3	25	75	100
IV	SEC2	<b>U23SEE2</b>	Economics for investor	2	2	3	25	75	100
IV	SEC3 / NM	<b>U23SEE3</b>	Computer Application in Economics	2	2	3	25	75	100
<b>TOTAL</b>				<b>30</b>	<b>23</b>				<b>800</b>

SEMESTER-III

Part	Course Type	Course Code	Title of the Course	Hrs/Week	Credits	Exam Hrs	Marks		
							Int	Ext	Total
I	LC	U231A3/ U231H3	Tamil/Hindi	6	3	3	25	75	100
II	ELC	U232A3	English	6	3	3	25	75	100
III	CC5	U23CE5	Macroeconomics-I	5	5	3	25	75	100
III	CC6	U23CE6	Mathematics for Economics	5	4	3	25	75	100
III	GEC3	U23GE09	Principles of Marketing	4	4	3	25	75	100
IV	SEC4(Entrepreneurial Skill)	U23SEE4	Entrepreneurial Economics	1	1	3	25	75	100
IV	SEC5/NM	U23SEE5	Event management	2	2	3	25	75	100
IV	E.V.S.	U23EVS1		1	--	--	--	--	--
<b>TOTAL</b>				<b>30</b>	<b>22</b>				<b>700</b>

SEMESTER-IV

Part	Course Type	Course Code	Title of the Course	Hrs/Week	Credits	Exam Hrs	Marks		
							Int	Ext	Total
I	LC	U231A4/ U231H4	Tamil/Hindi	6	3	3	25	75	100
II	ELC	U232A4	English	6	3	3	25	75	100
III	CC7	U23CE7	Macroeconomics-II	5	5	3	25	75	100
III	CC8	U23CE8	Indian Economy	4	4	3	25	75	100

III	GEC 4	<b>U23GE12</b>	Health Economics	4	4	3	25	75	100
IV	SEC6	<b>U23SEE6</b>	Basic Accountancy	2	2	3	25	75	100
IV	SEC7	<b>U23SEE7</b>	Modern Banking and Insurance	2	2	3	25	75	100
IV	E.V.S.	<b>U23EVS1</b>	<b>E.V.S.</b>	1	2	3	25	75	100
<b>TOTAL</b>				<b>30</b>	<b>25</b>				<b>900</b>

**SUMMER INTERNSHIP/INDUSTRIAL  
TRAINING**

**\*Allied courses are considered as GEC**

SEMESTER–V

Part	Course Type	Course Code	Title of the Course	Hrs/Week	Credits	Exam Hrs	Marks		
							Int	Ext	Total
III	CC9	<b>U23CE9</b>	Monetary Economics	6	4	3	25	75	100
III	CC10	<b>U23CE10</b>	Fiscal Economics	5	4	3	25	75	100
III	CC11	<b>U23CE11</b>	Industrial Economics	5	4	3	25	75	100
III	CC12	<b>U23CE12</b>	Environmental Economics	4	4	3	25	75	100
III	DSEC1	<b>U23DE02</b>	Managerial Economics	4	3	3	25	75	100
III	DSEC2	<b>U23DE04</b>	Gender economics	4	3	3	25	75	100
IV		<b>U23SIE1</b>	Summer Internship/Industrial training	--	2	--	--	--	100
V		<b>U23VE1</b>	Value Education	2	2	3	25	75	100
<b>Total</b>				<b>30</b>	<b>26</b>				<b>800</b>

SEMESTER–VI

Part	Course Type	Course Code	Title of the Course	Hrs/Week	Credits	Exam Hrs	Marks		
							Int	Ext	Total
III	CC13	<b>U23CE13</b>	International Economics	6	5	3	25	75	100
III	CC14	<b>U23CE14</b>	Development Economics	6	4	3	25	75	100
III	CC15	<b>U23CE15</b>	Agricultural Economics	6	3	3	25	75	100
III	DSEC3	<b>U23DE06</b>	Behavioural Economics	5	3	3	25	75	100

III	DSEC4	<b>U23DE07</b>	Financial Markets and Institutions	5	3	3	25	75	100
IV	Extension Activity	<b>U23EAV</b>	Extension Activity	--	1	--	--	--	100
IV	Professional Competency Skill	<b>U23PE1</b>	General studies for competitive Examinations	2	2	3	25	75	100
<b>TOTAL</b>				<b>30</b>	<b>21</b>				<b>700</b>

**Generic Elective Courses offered by the Department of Economics to  
B.Sc GEOGRAPHY-2023-24**

Sem	Part	Course Type	Course Code	Title of the Course	Hrs / Week	Credits	Exam Hrs	Marks		
								Int	Ext	Total
II	III	GEC	U23GE13	GENERAL ECONOMICS	4	4	3	25	75	100
III	III	GEC	U23GE14	BANKING THEORY,PRACTICE AND INSURANCE	4	4	3	25	75	100

**List of Generic Elective Courses (GEC)**

S.No.	Course code	Title of the course
1	U23GE05	Fundamentals of Management
2	U23GE06	Introduction to Sociology
3	U23GE07	History of Economic Thought
4	U23GE08	Introduction to E -Commerce
5	U23GE09	Principles of Marketing
6	U23GE10	Economics of Tourism
7	U23GE11	Research Methods in Economics
8	U23GE12	Health Economics
9	U23GE13	General Economics
10	U23GE14	Banking Theory,Practice and Insurance

**List of Discipline Specific Elective Courses (DSEC)**

S.No.	Course Code	Title of the Course
1	U23DE01	Tamil Nadu Economy
2	U23DE02	Managerial Economics
3	U23DE03	Operations Research
4	U23DE04	Gender Economics
5	U23DE05	Basic Econometrics
6	U23DE06	Behavioural Economics
7	U23DE07	Financial Markets and Institutions

<b>8</b>	<b>U23DE08</b>	Urban Economics
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**COURSE STRUCTURE ABSTRACT**

**FOR B.A. Economics**

<b>Part</b>	<b>Course</b>	<b>Total No. of Courses</b>	<b>Hours</b>	<b>Credit</b>	<b>Marks</b>
I	Tamil	4	24	12	400
II	English	4	24	12	400
III	Core Course -Major(CCM)	15	77	64	1500
III	Generic Elective Course	4	16	16	400
III	Discipline Specific Elective Course	4	18	12	400
IV	Internship	1	--	2	100
IV	Skill Enhancement Course	7	13	13	700
IV	Foundation Course	1	2	2	100
IV	E.V.S.	1	2	2	100
IV	Extension Activity/ NSS/NCC/SPORTS	1	-	1	100
IV	Professional Competency Skill	1	2	2	100
V	Value Education	1	2	2	100
<b>Total</b>		<b>44</b>	<b>180</b>	<b>140</b>	<b>4400</b>

**FIRST YEAR –SEMESTER- I**

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
U23CE1	MICROECONOMICS-I	Core-1					5	5	25	75	100
Nature of the Course											
	Relevant to Global need	Employability Oriented		✓	Addresses Professional Ethics						
	Relevant to National need	Entrepreneurship Oriented			Addresses Gender Sensitization						
	Relevant to Regional need	Skill Development Oriented			Addresses Environment and Sustainability						
	Relevant to Local need				Addresses Human Values						
<b>Learning Objectives</b>											
C1	To Equip the economic behaviours of individual units of the society.										
C2	To describes the consumer behaviour and utility analysis										
C3	To impart knowledge on demand and supply concepts										
C4	To identify the relevance of Production and returns to scale of Production										
C5	To know the costs and profit maximisation										
UNIT	<b>Contents</b>										<b>No. of Hours</b>
I	<b>Basic Concepts</b> Definitions of Economics– Nature and Scope of Microeconomics –Positive and Normative Approaches- Inductive and Deductive Approaches - Consumers and Firms –Decision Making–Rationality: Self-Interest – Trade-offs –Fundamental Economic Problems -Market Mechanism and Resource Allocation.										15

I	<b>Utility Analysis</b> I –Ordinal and Cardinal Utility–Total and Marginal Utility – Law of Diminishing Marginal Utility - Law of Equi-Marginal Utility- Indifference Curves–Properties–Marginal Rate of Substitution- Budget Line – Price and Substitution Effects–Optimal Consumer Choice – Revealed Preference Theory – Samuelson and Hicks’ Approach	15
I	<b>Demand and Supply Analysis</b> I Demand – Types of Goods -Law of Demand – Determinants – Exceptions – Giffen Paradox – Veblen Effect- Elasticity of Demand: Types - Engel’s Law -Supply – Law of Supply –Determinants –Elasticity of Supply and its Types- Market Equilibrium - Consumer Surplus and Producer Surplus	15
I	<b>Production Analysis</b> V Production Function– Law of Variable Proportions- Laws of Returns to Scale-Iso-quant’s-Types of Production Function – Cobb -Douglas and Constant Elasticity of Substitution(CES) Production Function –Economies and Diseconomies of Scale	15
V	<b>Cost and Revenue Concepts</b> Costs – Fixed and Variable Costs - Average, Marginal, and Total Costs – Short Run and Long Run Costs – Implicit, Explicit, Sunk and Imputed Cost – Revenue – Total, Average and Marginal Revenue –Relationship between AR, MR and Elasticity of Demand- Profit Maximization Rule.	15
<b>Total</b>		<b>75</b>

<b>Course Outcomes</b>		<b>Programme Outcomes</b>
CO	On completion of this course, students will	
1.	Understand the meaning of basic concepts and the need for the study of Microeconomics.	PO1,PO2
2.	Evaluate the Types of Utility and Consumer Behaviour.	PO2,PO3
3.	Acquire knowledge on various market equilibrium, Demand and Supply Functions	PO1,PO2
4.	To understand the meaning of Production Functions	PO1
5.	To understand the theory of firms, Cost and Revenue	PO1
<b>Textbooks</b>		
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 <sup>th</sup> Media Services.	
<b>Reference Books</b>		

1.	Koutsoyiannis (2003), Modern Microeconomics Palgrave Macmillan (UK) 2 <sup>nd</sup> Edition.
2.	Gregory Mankiw (2012), Principles of Microeconomics Cengage India.
3.	Dwivedi, D.N(2002), Microeconomics: Theory and Applications, 2 <sup>nd</sup> ed., Pearson
4.	Ferguson C.E. (1970), Micro Economic Theory, (Homewood, U.S.A)
5.	Karl E.Case and Ray C Fair (2007), Principles of Economics, Pearson Prentice Hall Inc Singapore South Asia
<b>Web Resources</b>	
1.	<a href="http://www.econlib.org/library/enc/microeconomics.html">http://www.econlib.org/library/enc/microeconomics.html</a>
2.	<a href="https://www.tutor2u.net/economics">https://www.tutor2u.net/economics</a>
3.	<a href="https://www.economicsnetwork.ac.uk/">https://www.economicsnetwork.ac.uk/</a>
4.	<a href="https://www.cliffsnotes.com/study-guides/economics/introduction/microeconomics">https://www.cliffsnotes.com/study-guides/economics/introduction/microeconomics</a>
5.	<a href="http://neconomides.stern.nyu.edu/networks/micnotes/micnotes.pdf">http://neconomides.stern.nyu.edu/networks/micnotes/micnotes.pdf</a>

### Mapping with Programme Outcomes:

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	3	3	3	3	3	3	3	3
CO 2	3	3	3	3	3	3	3	3
CO 3	3	3	3	3	3	3	3	3
CO 4	3	3	3	3	2	3	2	3
CO 5	2	2	2	2	2	3	2	3
Weightage	14	14	14	14	13	15	13	15
Weighted percentage of course contribution to POS	2.8	2.8	2.8	2.8	2.6	3.00	2.6	3.00

**S-Strong-3 M-Medium-2 L-Low-1**

### Level of Correlation between PSO's and CO's

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	2	2
CO2	3	3	2	2	2
CO3	3	3	3	3	3
CO4	3	3	3	2	2
CO5	3	3	3	2	2
Weightage	15	15	14	11	11

<b>Weighted percentage of Course Contribution to PSOs</b>	3	3	2.8	2.2	2.2
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**FIRST YEAR –SEMESTER- I**

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CI	Ext	Total
U23CE 2	STATISTICS FOR ECONOMICS –I	Core-2					4	5	25	75	100
Nature of the Course											
Relevant to Global need		Employability Oriented		✓			Addresses Professional Ethics				
Relevant to National need		Entrepreneurship Oriented					Addresses Gender Sensitization				
Relevant to Regional need		Skill Development Oriented					Addresses Environment and Sustainability				
Relevant to Local need			Addresses Human Values								
<b>Learning Objectives</b>											
C1	To know the nature and scope of statistics and its applications										
C2	To teach students Collection, Classification, Analyzing and Presentation of data.										
C3	To apply the measures of central tendency										
C4	To draw measurement of dispersion and its applications										
C5	To analyse correlation and regression and its applications										
<b>UNIT</b>	<b>Contents</b>										<b>No. of Hours</b>
I	<b>Introduction and Collection of Data</b> Introduction – Nature and Scope of Statistics – Uses and Limitations of Statistics – Data Collection – Primary and Secondary Data –Tools for collecting Primary Data – Requisites of Good Questionnaire – Sources of Secondary Data.										15
II	<b>Classification and Presentation of Data</b> Classification and Tabulation of Data– Types - Frequency Distribution — Cumulative Frequency Distribution- Class Interval – Diagrams – Types- Graphical Representation– Histogram – Frequency Polygon - Ogive Curve - Lorenz Curve.										15
III	<b>Measures of Central Tendency</b> Measures of Central Tendency- Requisites of a Good Average – Arithmetic Mean, Median, and Mode – Relative Merits and Demerits.										15
IV	<b>Measures of Dispersion</b>										15

	Absolute and Relative Measures of Dispersion – Range – Quartile Deviation – Mean Deviation – Standard Deviation – Variance - Coefficient of Variation –Skewness and Kurtosis.	
V	<b>Correlation and Regression</b> Correlation – Types of Correlation – Methods -Karl Pearson’s Co-efficient of Correlation – Spearman’s Rank Correlation – Regression Equations – Distinction between Correlation and Regression Analysis.	15
	<b>Total</b>	<b>75</b>
<b>Course Outcomes</b>		<b>Programme Outcomes</b>
CO	On completion of this course, students will	
1	Understand the overview of statistics and basic knowledge of statistical tools.	PO1, PO3,PO8
2	Differentiate Types of Data and its Classification	PO1,PO2, PO3,PO8
3	Explain the concept of Averages and its application	PO1, PO2,PO3
4	Know the concept of Dispersion and its application	PO1, PO2,PO3
5	Calculate Correlation and estimate values using Regression	PO3,PO7,PO8
<b>Textbooks</b>		
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)	
<b>Reference Books</b>		
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.	
<b>Web Resources</b>		
1.	<a href="https://www.cuemath.com/data/statistics/">https://www.cuemath.com/data/statistics/</a>	
2.	<a href="https://stattrek.com/statistics/resources">https://stattrek.com/statistics/resources</a>	
3.	<a href="https://testbook.com/learn/maths-mean-median-mode/">https://testbook.com/learn/maths-mean-median-mode/</a>	
4.	<a href="https://www.statistics.com/">https://www.statistics.com/</a>	
5.	<a href="https://thisisstatistics.org/students/">https://thisisstatistics.org/students/</a>	

**Mapping with Programme Outcomes:**

	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>
<b>CO 1</b>	3	3	3	3	3	3	3	3
<b>CO 2</b>	3	3	3	3	3	3	3	3
<b>CO 3</b>	3	3	3	3	3	3	3	3
<b>CO 4</b>	3	3	3	3	2	3	2	3
<b>CO 5</b>	3	2	2	2	3	3	3	3
<b>Weightage</b>	15	14	14	14	14	15	14	15
<b>Weighted percentage of course contribution to POS</b>	3.00	2.8	2.8	2.8	2.8	3.00	2.8	3.00

**S-Strong-3 M-Medium-2 L-Low-1**

**Level of Correlation between PSO's and CO's**

<b>CO /PO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	3	3	3	3	3
<b>CO2</b>	3	3	3	3	3
<b>CO3</b>	3	3	3	3	3
<b>CO4</b>	3	3	3	3	3
<b>CO5</b>	3	3	3	3	3
<b>Weightage</b>	15	15	15	15	15
<b>Weighted percentage of Course Contribution to PSOs</b>	3	3	3	3	3

**Strong-3 M-Medium-2 L-Low-1**

**FIRST YEAR –SEMESTER- I**

Subject Code	Subject Name	Category	L	T	P	S	C	I	Marks		
									redits	Hours	Internal
<b>U23GE05</b>	<b>FUNDAMENTALS OF MANAGEMENT</b>	<b>GEC-1</b>					4	4	25	75	100
Nature of the Course											
Relevant to Global need		Employability Oriented	✓	Addresses Professional Ethics							
Relevant to National need		Entrepreneurship Oriented		Addresses Gender Sensitization							
Relevant to Regional need		Skill Development Oriented		Addresses Environment and Sustainability							
Relevant to Local need				Addresses Human Values							
<b>Learning Objectives</b>											
C1	To provide students with the basic concepts of Management.										
C2	To probe the planning concepts and its objectives										
C3	To analyze the Organizational Levels in an Organization										
C4	To describes the motivation and satisfaction and its elements										
C5	To know the importance of Quality Checks.										
<b>UNIT</b>	<b>Contents</b>										<b>No. of Hours</b>
I	<b>Introduction</b> Management – Definition-scope – Schools of Thought in Management-Levels of Management-Role and Functions of a Manager										12
II	<b>Planning</b> Planning: Concept, Objectives, Nature, Limitation, Process of planning, Importance, Forms, Techniques and Process of decision making.										12
III	<b>Organisational Levels</b> Types of Business Organizations – Structure- Span of Control – Departmentalisation-Selection, Training and Development, Performance Management, Career Planning ,and Management										12
IV	<b>Directing</b> Creativity and Innovation – Motivation and Satisfaction – Organization Culture – Elements and Types of Culture – Managing Cultural Diversity.										12

V	<b>Controlling</b> Process of Controlling – Types of Control – Budgetary and non-budgetary, Control Techniques – Managing Productivity – Cost Control – Purchase Control –Maintenance Control – Quality Control – Planning Operations.	12
	<b>Total</b>	<b>60</b>

<b>Course Outcomes</b>		<b>Programme Outcomes</b>
CO	On completion of this course, students will	
1	Understand the foundations and importance of Management.	PO1
2	Demonstrate an understanding of Planning	PO2,PO3
3	Analyze the organisational levels and Process of selection	PO1,PO2,PO3
4	Discuss the relevance of Organizational Culture	PO1,PO2,
5	Examine the importance of quality control	PO4
<b>Textbooks</b>		
1.	Stephen A. Robbins & David A. Decenzo & Mary Coulter, (2011) "Fundamentals of Management" 7th Edition, Pearson Education	
2.	Tripathy PC & Reddy PN, (1999) "Principles of Management", Tata McGraw Hill.	
3.	Pillai R.S.N and Kala .S (2013) Principles And Practice Of Management S.Chand & Co and Company.	
4.	Ricky Griffin, "Fundamentals of Management", Cengage Learning, (2016)	
5.	Pardeep Kumar and Amanjot Sachdeva, "Fundamentals of Management", S. Chand Publishing, (2012)	
<b>Reference Books</b>		
1.	Dr. C.B. Gupta and Dr. Shruti Mathur (2022) Management Principles and Applications, Scholar Tech Press	
2.	Neeru Vasisth and Vibhuti Vasishth (2019) Principles of Management Text & Cases, Taxman Publication	
3	R.C Bhatiya, "Fundamentals of Management", S.K Kataria & Sons, 2013	
4	L.M Prasad, "Principles and Practice of Management, 2021	
5	Dr.N.Mishra and Dr.O.P.Gupta, "Fundamentals of Management", SBPD Publishing House, 2022	
<b>Web Resources</b>		
1.	<a href="http://www.mim.ac.mw/books/Fundamentals%20of%20Management.pdf">http://www.mim.ac.mw/books/Fundamentals%20of%20Management.pdf</a>	
2.	<a href="https://theintactone.com/2019/09/18/fom-u1-topic-1-fundamentals-of-management-introduction-and-concepts/">https://theintactone.com/2019/09/18/fom-u1-topic-1-fundamentals-of-management-introduction-and-concepts/</a>	
3.	<a href="https://rccmindore.com/wp-content/uploads/2015/06/Fundamentals-of-Management.pdf">https://rccmindore.com/wp-content/uploads/2015/06/Fundamentals-of-Management.pdf</a>	
4.	<a href="https://in.sagepub.com/en-in/sas/journal-of-management/journal201724">https://in.sagepub.com/en-in/sas/journal-of-management/journal201724</a>	
5.	<a href="https://www.managementstudyhq.com/evolution-management-thought-theories.html">https://www.managementstudyhq.com/evolution-management-thought-theories.html</a>	

**Mapping with Programme Outcomes:**

	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>
<b>CO 1</b>	3	3	3	3	3	3	3	3
<b>CO 2</b>	3	3	3	3	3	3	3	3
<b>CO 3</b>	3	3	3	3	3	3	3	3
<b>CO 4</b>	3	3	3	3	2	3	3	3
<b>CO 5</b>	3	2	3	2	3	2	3	3
<b>Weightage</b>	15	14	15	14	14	14	15	15
<b>Weighted percentage of course contribution to POS</b>	3.0	2.8	3.0	2.8	2.8	2.8	3.0	3.00

**S-Strong-3 M-Medium-2 L-Low-1**

**Level of Correlation between PSO's and CO's**

<b>CO /PO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	3	3	3	2	2
<b>CO2</b>	3	3	3	2	3
<b>CO3</b>	3	3	3	2	3
<b>CO4</b>	3	3	2	2	2
<b>CO5</b>	3	3	3	3	3
<b>Weightage</b>	15	15	14	11	13
<b>Weighted percentage of Course Contribution to PSOs</b>	3	3	2.8	2.2	2.6

**Strong-3 M-Medium-2 L-Low-1**

**FIRST YEAR –SEMESTER- I**

Subject Code UNIT	Subject Name	Categ ory Contents	L	T	P	S	C r e d i t	I n s t r u c t i o n s	Marks		
									C I A	E x t e r n a l	No. of Hour s
I	<b>Introduction</b> Definition – Nature and Scope of Sociology –Origins and development of Sociology – Founding fathers and their contributions: Auguste Comte, Herbert Spencer, Karl Marx, Emile Durkheim and Max Weber –Sociology and other social sciences										12
II U23GE0 6	<b>Basic Concepts of Sociology</b> <b>INTRODUCTION TO SOCIOLOGY</b> Society, Community, Institutions, Association, Social Structure, Status – Role, Norms, and Values; Folkways and Mores, Associative and Dissociative processes – Cooperation- Assimilation-Accommodation- Competition and Conflict	<b>GEC - 1</b>					4	4	25	75	100
III	<b>Individual and Society</b> Relevant to Global need Individual and Society- Employability Oriented. Socialization- Stages and Agencies of Socialization- Types of Groups – Primary and Secondary Groups, In-Group and Out-group, Reference Group. Entrepreneurship Relevant to National need Socialization- Types of Groups – Primary and Secondary Groups, In-Group and Out-group, Reference Group. Entrepreneurship										12
IV	<b>Social Stratification</b> Relevant to Regional need Social Stratification: Development and Dimensions – Social Stratification: Meaning, Definition and Dimensions – Social mobility and its determinants.										12
	<b>Social Change</b> Relevant to Local need Social Change Meaning and Types: Evolution and Revolution, Progress and Development — Factors of Social Change-Culture and Civilization										12
<b>Learning Objectives</b>											
C1	To understand the nature and scope of sociology and its development										60
C2	To identify the origin and development of sociology and its basic concepts										
C3	To evaluate stages and agencies of socialization										
C4	To understand social stratification and its determinants										
C5	To know the social change, evolution and revolution										

<b>Course Outcomes</b>		<b>Programme Outcomes</b>
CO	On completion of this course, students will	
1	Understand the contributions of sociologists in the field of sociology	PO1,PO2
2	Understand the basic aspects of Sociology	PO1,PO2
3	Examine the impact of individuals, groups and society	PO1, PO5,PO7
4	Understand the dimensions of social stratification	PO2,PO7
5	Analyze and design Policy for social change	PO2,PO3,PO7
<b>Textbooks</b>		
1	Bottomore, T.B. (1972). Sociology: A guide to problems and literature. Bombay.	
2	Jayaram, N. (1988). Introductory sociology. Madras: Macmillan India.	
3	SachdevaVidyaBhushan D.R(2020) An Introduction to Sociology, Kitab Mahal	
4.	John.J.Macionis, "Sociology", Pearson, 17 <sup>th</sup> edition, 2018	
5.	C.N Shankar Rao, "Sociology: Principles of Sociology with an Introduction to Sociology Thought", S.Chand Publication, 2019	
<b>Reference Books</b>		
1.	George Allen and Unwin (India). Harlambos, M. (1998). Sociology: Themes and perspectives. New Delhi: Oxford University Press.	
2.	Inkeles, Alex. (1987). What is sociology? New Delhi: Prentice-Hall of India.	
3.	Johnson, Harry M. (1995). Sociology: A systematic introduction. New Delhi: Allied Publishers.	
4.	Bhende, A. and T.R. Kanitkar (1982), Principles of Population Studies, Himalaya Publishing House, Bombay.	
5.	Bogue, D.J. (1969), Principles of Demography, John Wiley, New York	
<b>Web Resources</b>		
1.	<a href="https://data.worldbank.org/indicator/SP.POP.TOTL">https://data.worldbank.org/indicator/SP.POP.TOTL</a>	
2.	<a href="https://www.iom.int/">https://www.iom.int/</a>	
3.	<a href="https://libguides.humdolt.edu">https://libguides.humdolt.edu</a>	
4.	<a href="https://openstax.org/books/introduction-sociology-3e/">https://openstax.org/books/introduction-sociology-3e/</a>	
5.	<a href="https://www.sociologygroup.com/important-books-free-notes-sociology-optional/">https://www.sociologygroup.com/important-books-free-notes-sociology-optional/</a>	

**Mapping with Programme Outcomes:**

	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>
<b>CO 1</b>	3	3	3	3	3	3	3	3
<b>CO 2</b>	3	3	3	3	3	3	3	3
<b>CO 3</b>	3	3	3	3	3	3	3	3
<b>CO 4</b>	3	3	3	3	2	3	2	3
<b>CO 5</b>	2	3	3	2	3	2	3	3
<b>Weightage</b>	14	14	14	14	14	15	14	15
<b>Weighted percentage of course contribution to POS</b>	2.8	3.00	3.00	2.8	2.8	2.8	2.8	3.00

**S-Strong-3 M-Medium-2 L-Low-1**

**Level of Correlation between PSO's and CO's**

<b>CO /PO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	3	3	3	3	2
<b>CO2</b>	3	3	3	3	2
<b>CO3</b>	2	3	3	3	2
<b>CO4</b>	3	3	2	3	3
<b>CO5</b>	3	3	3	3	2
<b>Weightage</b>	15	15	14	15	11
<b>Weighted percentage of Course Contribution to PSOs</b>	3	3	2.8	3	2.2

**Strong-3 M-Medium-2 L-Low-1**

**FIRST YEAR –SEMESTER- I**

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
<b>U23SEE 1</b>	<b>DEMOGRAPHY</b>	<b>SEC-1</b>					2	2	25	75	100
Nature of the Course											
Relevant to Global need		Employability Oriented	✓	Addresses Professional Ethics							
Relevant to National need		Entrepreneurship Oriented		Addresses Gender Sensitization							
Relevant to Regional need		Skill Development Oriented	✓	Addresses Environment and Sustainability							
Relevant to Local need				Addresses Human Values							
<b>Learning Objectives</b>											
C1	To understand the meaning and scope of demography										
C2	To discuss the basic concepts of demographic measurements.										
C3	To describes the concepts of urbanisation and migration										
C4	evaluate the international aspects of population growth and tis environment										
C5	To analyse the trends in population policy in India										
<b>UNIT</b>	<b>Contents</b>									<b>No. of Hours</b>	
I	<b>Introduction</b> Meaning Scope of Demography – Components of Population Growth – Theories of Population: Malthusian Theory, Optimum Theory and Theory of Demographic Transition.									6	
II	<b>Birth Rate, Death Rate and Fertility</b> 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	
III	<b>Migration and Urbanisation</b> Migration and Urbanisation – Concept - Types of Migration- Effects of Migration and Urbanisation on Population— Recent Trends in Migration.									6	

IV	<b>Population Trends</b> Population Trends– International Aspects of Population Growth and Distribution – Population and Environment Pattern of Age and Sex Structure in Developed and Developing Countries – Age Pyramids and Projections.	6
V	<b>Population Policy in India</b> 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
<b>Total</b>		<b>30</b>

Course Outcomes		Programme Outcomes
CO	On completion of this course, students will	Programme Outcomes
1	Describe the various theories of Population Growth	PO1, PO7
CO	On completion of this course, students will	PO2, PO3
1	Understand Demographic Indicators	PO1, PO7
2	Describe the various theories of Population Growth	PO2, PO3
3	Understand Demographic Indicators	PO2, PO7
3	Assess the causes and impact of Migration on rural-urban population distribution	PO2, PO3
4	Assess the causes and impact of Migration on rural-urban population distribution	PO2, PO7
4	Analyse the major demographic trends and their determinants	PO1, PO2
5	Evaluate Population Policy of India and analyse recent trends.	PO1, PO2, PO3
4	Analyse the major demographic trends and their determinants	PO1, PO2
5	Evaluate Population Policy of India and analyse recent trends.	PO1, PO2, PO3
<b>Textbooks</b>		
1	Jhingan, M. L, B.K. Bhatt, J.N. Desan (2003) Demography, Vrinda Publications, New Delhi	Textbooks
2	Jhingan, M. L, B.K. Bhatt, J.N. Desan (2003) Demography, Vrinda Publications, New Delhi	Textbooks
2	Rajendra K. Sharma (2007), Demography and Population Problems, Atlantic Publishers and Distributors Pvt. Ltd.	Textbooks
3	Jennifer Hickey Lundquist, Douglas L. Anderson and David Yaukey, Demography: The Study of Human Population – Waveland Press Inc, 2015	Textbooks
4	Jennifer Hickey Lundquist, Douglas L. Anderson and David Yaukey, Demography: The Study of Human Population – Waveland Press Inc, 2015	Textbooks
4	Dudley L. Poston, Jr. and Leon F. Bouvier, Population and Society: An Introduction to Demography, Cambridge University Press, 2015	Textbooks
5	Richard K. Thomas, Concepts, Methods and Practical Applications in Applied Demography, Springer, 2018	Textbooks
5	Richard K. Thomas, Concepts, Methods and Practical Applications in Applied Demography, Springer, 2018	Textbooks
<b>Reference Books</b>		
1.	Agarwala S.N. (1985), India's Population Problem, Tata McGraw-Hill, Bombay.	Reference Books
2.	Bhende, A. and T.R. Kanitkar (1982), Principles of Population Studies, Himalaya Publishing House, Bombay.	Reference Books
1.	Agarwala S.N. (1985), India's Population Problem, Tata McGraw-Hill, Bombay.	Reference Books
2.	Bhende, A. and T.R. Kanitkar (1982), Principles of Population Studies, Himalaya Publishing House, Bombay.	Reference Books
3.	Bogue, D.J. (1969), Principles of Demography, John Wiley, New York	Reference Books
4.	Sarah Harper (2018), Demography: A Very Short Introduction, Oxford Press 2018.	Reference Books
3.	Bogue, D.J. (1969), Principles of Demography, John Wiley, New York	Reference Books
5.	Peter R. Cox, Demography- 5 <sup>th</sup> Edition, Cambridge University Press.	Reference Books
4.	Sarah Harper (2018), Demography: A Very Short Introduction, Oxford Press 2018.	Reference Books
5.	Peter R. Cox, Demography- 5 <sup>th</sup> Edition, Cambridge University Press.	Reference Books
<b>Web Resources</b>		
1.	<a href="https://data.worldbank.org/indicator/SP.POP.TOTL">https://data.worldbank.org/indicator/SP.POP.TOTL</a>	Web Resources
2.	<a href="https://www.iom.int/">https://www.iom.int/</a>	Web Resources
1.	<a href="https://data.worldbank.org/indicator/SP.POP.TOTL">https://data.worldbank.org/indicator/SP.POP.TOTL</a>	Web Resources
3.	<a href="https://censusindia.gov.in">https://censusindia.gov.in</a>	Web Resources
2.	<a href="https://www.iom.int/">https://www.iom.int/</a>	Web Resources
4.	<a href="https://www.nationalgeographic.org/encyclopedia/demography/">https://www.nationalgeographic.org/encyclopedia/demography/</a>	Web Resources
2.	<a href="https://censusindia.gov.in">https://censusindia.gov.in</a>	Web Resources
3.	<a href="https://www.nature.com/scitable/knowledge/library/introduction-to-population-demographics-83032908/">https://www.nature.com/scitable/knowledge/library/introduction-to-population-demographics-83032908/</a>	Web Resources
4.	<a href="https://www.nationalgeographic.org/encyclopedia/demography/">https://www.nationalgeographic.org/encyclopedia/demography/</a>	Web Resources
5.	<a href="https://www.nature.com/scitable/knowledge/library/introduction-to-population-demographics-83032908/">https://www.nature.com/scitable/knowledge/library/introduction-to-population-demographics-83032908/</a>	Web Resources

**Mapping with Programme Outcomes:**

	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>
<b>CO 1</b>	3	3	3	3	3	3	3	3
<b>CO 2</b>	3	3	3	3	3	3	3	3
<b>CO 3</b>	3	3	3	3	3	3	3	3
<b>CO 4</b>	3	3	3	3	2	3	2	3
<b>CO 5</b>	3	3	3	2	3	2	3	3
<b>Weightage</b>	15	14	15	14	14	15	14	15
<b>Weighted percentage of course contribution to POS</b>	3.00	3.00	2.8	2.8	2.8	2.8	2.8	3.00

**S-Strong-3 M-Medium-2 L-Low-1**

**Level of Correlation between PSO's and CO's**

<b>CO /PO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	3	3	3	2	2
<b>CO2</b>	3	3	3	2	2
<b>CO3</b>	3	3	3	3	3
<b>CO4</b>	3	2	2	3	3
<b>CO5</b>	3	3	3	3	3
<b>Weightage</b>	15	14	14	13	13
<b>Weighted percentage of Course Contribution to PSOs</b>	3	2.8	2.8	2.6	2.6

**Strong-3 M-Medium-2 L-Low-1**

**FIRST YEAR-SEMESTER - I**

Subject Code	Subject Name	Category	L	T	P	S	C r e d i t s	I n s t . H o u r s	Marks		
									C I A	E x t e r n a l	T o t a l
<b>U23FE1</b>	<b>BUSINESS COMMUNICATION</b>	Foundation course					2	2	25	75	100
Nature of the Course											
Relevant to Global need		Employability Oriented	✓	Addresses Professional Ethics							
Relevant to National need		Entrepreneurship Oriented		Addresses Gender Sensitization							
Relevant to Regional need		Skill Development Oriented	✓	Addresses Environment and Sustainability							
Relevant to Local need				Addresses Human Values							
<b>Learning Objectives</b>											
C1	To know the meaning objectives and role of communication and media										
C2	To understand the need and importance of communication in management										
C3	To apply the need and function of business letter										
C4	To study the business correspondents with insurance and other organisation										
C5	To understand the meaning and importance of report writing										
<b>UNI T</b>	<b>Contents</b>										<b>No. of Hour s</b>
I	<b>Communication</b> Communication: Meaning and Definition - Objectives - Role of Communication – Process and Elements of Communication - Communication Networks - Types and Media of Communication – Barriers to Communication - Characteristics for Successful Communication										6
II	<b>Communication in Management</b> Management and Communication: Need and Importance of Communication in Management – Corporate Communication - Communication Training for Managers - Communication Structure in an Organization.										6

III	<b>Business Letters</b> Business Letter: Need – Functions – Kinds – Essentials of effective Business Letter - Language and Layout – Planning, Enquiries and Replies - Sales Letter - Orders, Tender and Notice - Complaints - Letter of Appointment.	6
IV	<b>Correspondence</b> Correspondence: Bank Correspondence - Insurance Correspondence – Agency Correspondence - Import-Export Correspondence	6
V	<b>Report Writing</b> Report Writing: Meaning and Importance - Purpose - Types of Business Reports - Characteristics of a Good Report - Report Preparation - Report by Individual and Committees - Agenda and Minutes of Meeting.	6
	<b>Total</b>	<b>30</b>

<b>Course Outcomes</b>		<b>Programme Outcomes</b>
CO	On completion of this course, students will	
1.	Understand the basics of communication and its Process, Elements, and its importance.	PO1,PO2
2.	Acquire communication skills.	PO1,PO4
3.	Employ the art of report preparation and writing Business Letters	PO2,PO6
4.	Use appropriate technology for business presentations and digital communication and write E-mails in a structured pattern.	PO5,PO6, PO8
5.	Employ the art of report preparation	PO4,PO6,PO7
<b>Textbooks</b>		
1.	Korlahalli, J. S., & Pal, R. (1979) Essentials of Business Communication. S. Chand, New Delhi.	
2.	Kaul A, ( 2015 ) Effective Business Communication. Second Edition Prentice Hall India Learning Private Limited.	
3.	Raymond Lesikar and John Pettit, Jr.(2016) Report Writing for Business Mc Graw Hill Education	
4.	Scott Mclean, "Business Communication for Success", Flat World Knowlegde, 2010	
5.	Virander K. Jain, "Business Communication", S. Chand Limited, 2008	
<b>Reference Books</b>		
1.	Kumar, R. (2010). Basic Business Communication. Excel Books India.	
2.	Bovee, C. L. (2008). Business Communication today. Pearson Education India.	
3.	Lesikar, R. V., & Pettit, J. D. (1989). Business communication: Theory and application. Irwin Professional Publishing.	
4.	Mary Ellen Guffy and Dana Loewy (2012) Essentials of Business Communication Cengage Learning	
5.	C.B.Gupta (2019) Essentials of Business Communication Cengage Learning India Pvt. Ltd	
<b>Web Resources</b>		
1.	<a href="https://www.managementstudyguide.com/business_communication.htm">https://www.managementstudyguide.com/business_communication.htm</a>	
2.	<a href="https://studiousguy.com/business-communication/">https://studiousguy.com/business-communication/</a>	
3.	<a href="https://www.indeed.com/career-advice/resumes-cover-letters/business-communication-skills">https://www.indeed.com/career-advice/resumes-cover-letters/business-communication-skills</a>	
4.	<a href="https://www.softskillsaha.com/what-is-meaning-of-business-communication-skills.php">https://www.softskillsaha.com/what-is-meaning-of-business-communication-skills.php</a>	
5.	<a href="https://www.mindtools.com/page8.html">https://www.mindtools.com/page8.html</a>	

**Mapping with Programme Outcomes:**

	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>
<b>CO 1</b>	3	3	3	3	3	3	3	3
<b>CO 2</b>	3	3	3	3	3	3	3	3
<b>CO 3</b>	3	3	3	3	3	3	3	3
<b>CO 4</b>	3	3	3	3	2	3	2	3
<b>CO 5</b>	3	3	3	2	3	2	3	3
<b>Weightage</b>	15	14	15	14	14	15	14	15
<b>Weighted percentage of course contribution to POS</b>	3.00	3.00	2.8	2.8	2.8	2.8	2.8	3.00

**S-Strong-3 M-Medium-2 L-Low-1**Level of Correlation between PSO's and CO's

<b>CO /PO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	2	3	2	3	3
<b>CO2</b>	2	2	3	3	3
<b>CO3</b>	3	2	2	3	3
<b>CO4</b>	2	2	3	2	2
<b>CO5</b>	2	2	3	3	3
<b>Weightage</b>	11	11	13	14	14
<b>Weighted percentage of Course Contribution to PSOs</b>	2.2	2.2	2.6	2.8	2.8

**Strong-3 M-Medium-2 L-Low-1**

**FIRST YEAR - SEMESTER II**

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CI	Ext	Total
<b>U23CE3</b>	<b>MICROECONOMICS-II</b>	<b>Core-3</b>					5	5	25	75	100
<b>Nature of the Course</b>											
	Relevant to Global need	Employability Oriented		✓	Addresses Professional Ethics						
	Relevant to National need	Entrepreneurship Oriented			Addresses Gender Sensitization						
	Relevant to Regional need	Skill Development Oriented			Addresses Environment and Sustainability						
	Relevant to Local need		Addresses Human Values								
<b>Learning Objectives</b>											
C1	To equip the students to gain knowledge on the market structures										
C2	To analyse the monopoly and price discrimination in the market										
C3	To probe the monopolistic and oligopoly competitions and its operation										
C4	To enrich the students about the Theories of Distribution										
C5	To understand the concepts of Welfare Economics										
<b>UNIT</b>	<b>Contents</b>										<b>No. of Hours</b>
I	<b>Perfect Competition</b> Features of Perfect Competition – Equilibrium of the firm and the industry in the Short Run - Long-Run Equilibrium in Perfect Competition- Time Element Analysis.										15
II	<b>Monopoly and Price Discrimination</b> Definition of Monopoly–Demand and Marginal Revenue - Equilibrium under Monopoly– Dead Weight Loss -Policies to Control Monopoly – Price Discrimination–First Degree, Second Degree and Third-Degree Price Discrimination – Dumping.										15
III	<b>Monopolistic and Oligopoly Competition</b> Monopolistic Competition–Features– Product Differentiation–Market Equilibrium and Short Run and Long Run- Barriers to Entry – Group and										15

	Industry Equilibrium– Excess Capacity -Oligopoly – Kinked Demand Curve – Collusion – Cartels and Price Leadership –Game Theory – Minimax – Maximin – Nash Equilibrium.	
IV	<b>Distribution Theory</b> Functional and Personal Distribution – Marginal Productivity Theory of Distribution – Product Exhaustion Theorem - Concepts of VMP and MRP.	15
V	<b>Welfare Economics and General Equilibrium</b> Welfare Criteria – Adam Smith – Edgeworth – Pareto - Kaldor – Market Failure – Externalities – Walrasian General Equilibrium – Static Properties for Consumption, Production, and Distribution.	15
	<b>Total</b>	<b>75</b>

<b>Course Outcomes</b>		<b>Programme Outcomes</b>
CO	On completion of this course, students will	
1	Understand the equilibrium conditions in Perfect Competition.	PO1, PO2
2	Analyze the equilibrium conditions under Monopoly Market Structure.	PO1,PO2
3	Describe the Market Equilibrium under Monopolistic and Oligopoly Market.	PO1,PO2
4	Know the importance of theories of Distribution.	PO1,PO2
5	Evaluate the aspects of Welfare Economics and General Equilibrium.	PO2,PO3,PO7
<b>Textbooks</b>		
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.	Timothy Taylor,Steven A Greenlaw and David Shapiro (2017) Principles of Economics, 12 <sup>th</sup> Media Services.	
<b>Reference Books</b>		
1.	Koutsoyiannis (2003), Modern Microeconomics, Palgrave Macmillan (UK) 2 <sup>nd</sup> Edition.	
2.	Gregory Mankiw (2012), Principles of Microeconomics Cengage India.	
3.	Case & Fair, Principles of Economics Myeconlab series 8 <sup>th</sup> Edn.	
4.	Mansfield, Edwin and Yohe, Gary (2010): Microeconomics 4 <sup>th</sup> ed, Viva-Norton Indian Edition	
5.	Ferguson C.E. (1970), Micro Economic Theory, (Homewood, U.S.A)	
<b>Web Resources</b>		
1.	<a href="https://open.umn.edu/opentextbooks/subjects/economics">https://open.umn.edu/opentextbooks/subjects/economics</a>	
2.	<a href="https://global.oup.com">https://global.oup.com</a>	
3.	<a href="https://www.economicsnetwork.ac.uk">https://www.economicsnetwork.ac.uk</a>	
4.	<a href="https://edge.sagepub.com/sextonmicro8e">https://edge.sagepub.com/sextonmicro8e</a>	
5.	<a href="https://www.aeaweb.org/resources/students">https://www.aeaweb.org/resources/students</a>	

**Mapping with Programme Outcomes:**

	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>
<b>CO 1</b>	3	3	3	3	3	3	3	3
<b>CO 2</b>	3	3	3	3	3	3	3	3
<b>CO 3</b>	3	3	3	3	3	3	3	3
<b>CO 4</b>	3	3	3	3	2	3	2	3
<b>CO 5</b>	2	3	2	3	3	2	3	3
Weightage	14	15	14	15	14	14	14	15
Weighted percentage of course contribution to POS	2.8	3.00	2.8	3.00	2.8	2.8	2.8	3.00

**S-Strong-3    M-Medium-2    L-Low-1**Level of Correlation between PSO's and CO's

<b>CO /PO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	3	3	3	3	2
<b>CO2</b>	3	3	3	2	2
<b>CO3</b>	3	3	3	2	3
<b>CO4</b>	3	3	3	2	2
<b>CO5</b>	3	3	3	3	3
<b>Weightage</b>	15	15	15	12	12
<b>Weighted percentage of Course Contribution to PSOs</b>	3	3	3	2.4	2.4

**Strong-3    M-Medium-2    L-Low-1**

**FIRST YEAR - SEMESTER II**

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CI	Ext	Total
<b>U23CE 4</b>	<b>STATISTICS FOR ECONOMICS-II</b>	<b>Core -4</b>					4	5	25	75	100
Nature of the Course											
Relevant to Global need		Employability Oriented		✓	Addresses Professional Ethics						
Relevant to National need		Entrepreneurship Oriented			Addresses Gender Sensitization						
Relevant to Regional need		Skill Development Oriented			Addresses Environment and Sustainability						
Relevant to Local need			Addresses Human Values								
<b>Learning Objectives</b>											
C1	To understand the various methods of index numbers and its applications										
C2	To analyse the components and measurement of time series data										
C3	To know the theories of probability and its applications										
C4	To probe the research design and sampling methods										
C5	To acquire knowledge on the application of test of Hypotheses in Research										
<b>UNIT</b>	<b>Contents</b>										<b>No. of Hours</b>
I	<b>Index Numbers</b> 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 – Wholesale Price Index – Consumer Price Index – Cost of Living Index.										15
II	<b>Time Series Analysis</b> Definition– Components and Measurement– Graphic Method - Methods of Semi Average, Moving Averages and Method of Least Squares – Uses of Time Series Analysis.										15
III	<b>Theory of Probability</b>										

	key Concepts of Probability – Importance – Theorems of Probability: Addition, Multiplication and Bayes’ Theorem - Discrete and Continuous Random Variables – Theoretical Distributions – Binomial, Poisson and Normal – Properties- Uses and Applications.	15
IV	<b>Sampling</b> Sampling – Census and Sample Method – Theoretical Basis of Sampling – Methods of sampling – Random and Non –Random Sampling - Size of Sample – Merits and Limitations of Sampling – Sampling and Non-Sampling Errors.	15
V	<b>Testing of Hypothesis</b> Hypothesis Testing – Meaning, Types, Sources and Functions of Hypothesis – Test: Null and Alternative Hypothesis – Type – I and Type – II Errors– ‘t’ Test – Paired ‘t’-test – Chi –Square test, ‘F’ test –Analysis of Variance - One way and Two-way ANOVA.	15
	<b>Total</b>	<b>75 hours</b>

<b>Course Outcomes</b>		<b>Programme Outcomes</b>
CO	On completion of this course, students will	
1	Gain Knowledge on the Index Numbers	PO1, PO2,PO3
2	Analyze the importance of Time Series Data and its measurement	PO1,PO2,PO3
3	Understand the concept of Probability	PO2
4	Identify the various Sampling Methods	PO1, PO2
5	Acquire Knowledge on Hypothesis Testing	PO2,PO3,PO7,PO8
<b>Textbooks</b>		
1	S.P Gupta, (2017) “Statistical Methods”, Sultan Chand & Sons.	
2	Anderson, Sweeney and Williams(2012), “Statistics for Business and Economics Cengage,2012.	
3	Pillai R.S.N. &BagavathiV(2012) “Statistics :Theory and Practice” S.Chand&CompanyLtd. New Delhi.	
4.	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.	
5.	Prof S.G.Vekatachalapathy and Dr.H.Premraj (2018) Statistical Methods Margham Publications.	
<b>Reference Books</b>		
1.	Anderson, David Ray, “Statistics for Business and Economics”, South-Western Pub,2001.	
2.	Sancheti and Kapoor, Statistics, (2015) Sultan & Sons New Delhi.	
3.	Gupta S.C. Statistical Methods (2015) Sultan & sons New Delhi.	
4.	Monga G.S. “Mathematics and Statistics for Economics” (2001), Vikas Publishing House Pvt.Ltd New Delhi.	
5.	Dominick Salvatore and Derrick Reagle,theory and problems of statistics andeconometrics, Mc Graw Hill, (2002)	
<b>Web Resources</b>		
1.	<a href="https://stattrek.com/statistics/resources">https://stattrek.com/statistics/resources</a>	
2.	<a href="https://www.cuemath.com/data/f-test/">https://www.cuemath.com/data/f-test/</a>	
3.	<a href="https://www.statistics.com/">https://www.statistics.com/</a>	
4.	<a href="https://thisisstatistics.org/students/">https://thisisstatistics.org/students/</a>	
5.	<a href="https://oli.cmu.edu/courses/probability-statistics-open-free/">https://oli.cmu.edu/courses/probability-statistics-open-free/</a>	

**Mapping with Programme Outcomes:**

	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>
<b>CO 1</b>	3	3	3	3	3	3	3	3
<b>CO 2</b>	3	3	3	3	3	3	3	3
<b>CO 3</b>	3	3	3	3	3	3	3	3
<b>CO 4</b>	3	3	3	3	2	3	2	3
<b>CO 5</b>	3	2	2	2	3	2	3	3
Weightage	15	14	14	14	14	14	14	15
Weighted percentage of course contribution to POS	3.00	2.8	2.8	2.8	2.8	2.8	2.8	3.00

**S-Strong-3 M-Medium-2 L-Low-1**

**Level of Correlation between PSO's and CO's**

<b>CO /PO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	3	3	3	3	3
<b>CO2</b>	3	3	3	3	3
<b>CO3</b>	3	3	3	3	3
<b>CO4</b>	3	3	3	3	3
<b>CO5</b>	3	3	3	3	3
<b>Weightage</b>	15	15	15	15	15
<b>Weighted percentage of Course Contribution to PSOs</b>	3	3	3	3	3

**Strong-3 M-Medium-2 L-Low-1**

**FIRST YEAR - SEMESTER II**

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
U23GE07	<b>HISTORY OF ECONOMIC THOUGHT</b>	<b>GEC -2</b>					4	4	25	75	100

## Nature of the Course

Relevant to Global need		Employability Oriented	✓	Addresses Professional Ethics	
Relevant to National need		Entrepreneurship Oriented		Addresses Gender Sensitization	
Relevant to Regional need		Skill Development Oriented		Addresses Environment and Sustainability	
Relevant to Local need				Addresses Human Values	

## Learning Objectives

C1	To explain the nature and scope of economic thought and its principles	
C2	To understand the classical economists ideology and theory of Marx	
C3	To know the Kenesian revolution and its analysis	
C4	To build the Marginalism Revolution and its operations	
C5	To describes the thoughts of various Nobel laureates in economics	
<b>UNIT</b>	<b>Contents</b>	<b>No. of Hours</b>
I	<b>Pre-Classical Thought</b>  Nature and Scope of Economic Thought-Mercantilism: Growth of Mercantilism- Main Principles – Important Mercantilists- Physiocracy - Main concepts - Important Physiocrats	12
II	<b>Classical Economists and Karl Marx</b>  Adam Smith- Division of Labour- Theory of Value- Laissez Faire- Canons of Taxation - Ricardo: Theory of Rent - Comparative Advantage Theory of Trade- Malthus-Theory of Population –Theory of Gluts –Karl Marx-Theory of Surplus Value -Breakdown of the Capitalist System	12
III	<b>Neo-Classical and Institutional Thought</b>	12

	The Marginalist Revolution- Marshall: Value and Role of Time – Marginal Utility and Consumer’s Surplus – Distribution – Marshallian Concepts – Representative Firm, Economies of Scale, Quasi-Rent- Institutional Economics – Veblen – Mitchell –J.R.Commons.	
IV	<b>Keynesian Revolution and Modern Thought</b> Keynes – Psychological law of Consumption- Effective Demand-Theory of Employment-- Schumpeter’s Theory of Innovation - Hicks theory of Trade Cycle- New Keynesian Economics- New classical Economics –Rational Expectation Hypothesis.	12
V	<b>Nobel Laureates in Economics and Indian Economic Thought</b> Nobel Laureates in Economics – Paul A Samuelson – Kuznets – Hicks – Myrdal – Milton Friedman – Recent Nobel Laureates (Last Three Years)- Indian Economic Thought – DadabhaiNaoroji- Mahatma Gandhi-B.R. Ambedkar – Amartya Sen – Sen’s Capability Approach –Poverty and Inequality.	12
	<b>Total</b>	<b>60</b>

<b>Course Outcomes</b>		<b>Programme Outcomes</b>
CO	On completion of this course, students will	
1	Acquire knowledge on the subject matter of History of Economic Thought.	PO1
2	Understand the contributions of the Classical Ideas of Economics.	PO1,PO2
3	Describe Neo Classical and Institutional Economic Ideas	PO1,PO2
4	Examine the Keynesian School and Modern Economic Ideas	PO1,PO2
5	Understand the contribution of Nobel Laureates and Indian Economic Ideas	PO1,PO2,PO8
<b>Textbooks</b>		
1	Lokanathan, V, History of Economic Thought, S Chand & Co Ltd.	
2	Bhatia, H.L. (2018), History of Economic Thought, S Chand & Co Ltd.	
3	Srivastava S.K (2002) History of Economic Thought, S.Chand Publication.	
4	M.L Jhingan ,M.Girija , L.Sasikala “History of Economic Thought” 3rd Edition, Virnda Publication 2014.	
5	R.R.Paul “History of Economic Thought” ,Kalyani Publisher,2018.	
<b>Reference Books</b>		
1.	Amartya Sen (1982), Welfare and Measurement, Oxford University Press, New Delhi.	
2.	Gandhi, M.K. (1938), Economics of Village Industries, Navjivan Publishers, New Delhi.	
3.	T.N.Hajela, (2015), History of Economic Thought Ane Students Edition 18 <sup>th</sup> Edition.	
4.	Gide and Rist,(2014) , A History of Economic Doctrines, Nabu Press.	
5.	V.Lokanathan (2009) “A History of Economic Thought: S.Chand& Co Limited.	
<b>Web Resources</b>		
1.	<a href="https://www.hetwebsite.net/het/">https://www.hetwebsite.net/het/</a>	
2.	<a href="https://thoughteconomics.com/">https://thoughteconomics.com/</a>	
3.	<a href="https://www.nobelprize/economic-sciences/">https://www.nobelprize/economic-sciences/</a>	
4.	<a href="https://www.aeaweb.org/resources/students">https://www.aeaweb.org/resources/students</a>	
5.	<a href="https://sites.google.com/site/maeconomicsku/home">https://sites.google.com/site/maeconomicsku/home</a>	

**Mapping with Programme Outcomes:**

	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>
<b>CO 1</b>	3	3	3	3	3	3	3	3
<b>CO 2</b>	3	3	3	3	3	3	3	3
<b>CO 3</b>	3	3	3	3	3	3	3	3
<b>CO 4</b>	3	3	3	3	2	3	3	3
<b>CO 5</b>	2	2	2	2	3	2	3	3
Weightage	14	14	14	14	14	14	15	15
Weighted percentage of course contribution to POS	2.8	2.8	2.8	2.8	2.8	2.8	3.00	3.00

**S-Strong-3      M-Medium-2    L-Low-1**

**Level of Correlation between PSO's and CO's**

<b>CO /PO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	3	3	3	2	2
<b>CO2</b>	3	3	3	2	2
<b>CO3</b>	3	3	3	3	3
<b>CO4</b>	3	3	2	2	2
<b>CO5</b>	3	3	3	3	3
<b>Weightage</b>	15	15	14	12	12
<b>Weighted percentage of Course Contribution to PSOs</b>	3	3	2.8	2.6	2.6

**Strong-3      M-Medium-2    L-Low-1**

**FIRST YEAR - SEMESTER II**

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
<b>U23GE08</b>	<b>INTRODUCTION TO E-COMMERCE</b>	<b>GEC-2</b>					2	2	25	75	100
Nature of the Course											
Relevant to Global need		Employability Oriented	✓	Addresses Professional Ethics							
Relevant to National need		Entrepreneurship Oriented	✓	Addresses Gender Sensitization							
Relevant to Regional need		Skill Development Oriented		Addresses Environment and Sustainability							
Relevant to Local need				Addresses Human Values							
<b>Learning Objectives</b>											
C1	To learn the nature and concepts of E-commerce in India										
C2	To understand the various business models for E-Commerce and its uses										
C3	analyse the Various on line business transactions and its applications										
C4	explain the E-Promotion and consumer protection and its latest amendments										
C5	To update the students on various methods of E-payment systems and tis risks.										
<b>UNIT</b>	<b>Contents</b>									<b>No. of Hours</b>	
I	<b>Introduction</b> Meaning – Nature – Concepts – advantages and disadvantages – online Transaction - Types of E-Commerce - Growth of E-Commerce in India.									6	
II	<b>Business Models for E-commerce</b> E-commerce Models - Business-to-Business (B2B) – Business– to-Consumer (B2C) - Consumer-to-Consumer (C2C) - Consumer-to-Business (C2B) - Direct to Customer (D2C) – Peer-to-Peer (P2P) - Brokerage Model - Aggregator Model.									6	
III	<b>Online Business Transactions</b> E-Commerce Applications in Various Industries- Banking, Insurance, Payment Of Utility Bills - Online Marketing /E-Tailing (Popularity, Benefits, Problems and Features) -Online Services (Financial, Travel									6	

	and Career) /Auctions, Online Portal, Online Learning - Publishing and Entertainment - Online Shopping	
IV	<b>E-Promotion and Consumer Protection</b> E-Advertising techniques: Banners, Sponsorships, Portals, and online coupons-Role of Influencers in Social Media- Marketing-Porters Value Chain Model-E- Commerce and consumers-Consumer Protection (E-Commerce) Rules 2020 and Latest Amendments	6
V	<b>E- Payment System</b> Models and Methods of e-Payments (Debit Card, Credit Card, Smart Cards, e-money) - Digital Signatures (procedure, working and legal position) - Payment Gateways - Online Banking: Meaning, Concepts, Importance, Electronic Fund Transfer - Automated Clearing House - Automated Ledger posting - Risks involved in e-payments.	6
	<b>Total</b>	<b>30</b>

<b>Course Outcomes</b>		<b>Programme Outcomes</b>
CO		
1	Understand the pros & cons of E-commerce.	PO1,PO2
2	Analyze the various models of E-commerce.	PO1,PO2
3	Understand the online business transaction and their impact on related service providers.	PO2,PO3
4	Understand the e-marketing mix and be familiar with consumer protection.	PO3.PO4
5	Know the mechanism of E- payment and its operations.	,PO2,PO3PO8
<b>Textbooks</b>		
1	Bajaj K.K and Debjani Nag ( 2017 ), E-commerce, McGraw Hill Educatio	
2	Chhabra T.N , Suri and Sanjiv Varma ( 2005) E-Commerce, Dhanpat Rai & Co	
3	Dr.K. Abirami Devi and Dr.M. Alagammal, “E- Commerce”, Margaham Publication,	
4	Amir Manzoor, “E- Commerce: An Introduction”, Lambert Academic Pubishing,2010	
5	Dr.Shivani Arora, “E-Commerce”, Taxmann Publishing, 2017	
<b>Reference Books</b>		
1.	Pandey ( 2013 ) Ecommerce and its Applications , S.K. Kataria& Sons	
2.	Kenneth C. Laudon and Carlo Guercio Traver(2020 ) , E-Commerce, Pearson Education.	
3.	Pralok Gupta (2020) E-commerce in India: Economic and Legal Perspectives, SAGE Publications India Pvt Ltd	
4.	David Whitley (2017) E - Commerce: Strategy, Technologies and Applications,	
5.	Joseph P.T ., S.J (2019) “E-Commerce : An Indian Perspective” PHI Learning Pvt. Ltd.	
<b>Web Resources</b>		
1.	<a href="https://ecommerce-platforms.com/resources">https://ecommerce-platforms.com/resources</a>	
2.	<a href="https://ecommerceguide.com">https://ecommerceguide.com</a>	
3.	<a href="https://www.bigcommerce.com/resources/">https://www.bigcommerce.com/resources/</a>	
4.	<a href="https://www.cloudways.com/blog/top-ecommerce-websites/">https://www.cloudways.com/blog/top-ecommerce-websites/</a>	
5.	<a href="https://www.indiafilings.com/learn/how-to-start-an-ecommerce-business-in-india/">https://www.indiafilings.com/learn/how-to-start-an-ecommerce-business-in-india/</a>	

**Mapping with Programme Outcomes:**

	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>
<b>CO 1</b>	3	3	3	3	3	3	3	3
<b>CO 2</b>	3	3	3	3	3	3	3	3
<b>CO 3</b>	3	3	3	3	3	3	3	3
<b>CO 4</b>	3	3	3	3	2	3	3	3
<b>CO 5</b>	2	2	3	3	3	2	3	3
<b>Weightage</b>	14	14	15	15	14	14	15	15
<b>Weighted percentage of course contribution to POS</b>	2.8	2.8	3.0	3.0	2.8	2.8	3.0	3.00

**S-Strong-3 M-Medium-2 L-Low-1**

**Level of Correlation between PSO's and CO's**

<b>CO /PO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	3	3	3	2	2
<b>CO2</b>	3	3	3	2	2
<b>CO3</b>	3	2	2	3	3
<b>CO4</b>	3	2	2	3	3
<b>CO5</b>	3	2	2	3	3
<b>Weightage</b>	15	12	12	14	14
<b>Weighted percentage of Course Contribution to PSOs</b>	3	2.6	2.6	2.8	2.8

**Strong-3 M-Medium-2 L-Low-1**



Course Outcomes		Programme Outcomes
CO	On completion of this course, students will	
<b>Reference Books</b>		
1.	Robert T. Kyosaki (2014) Guide To Investing Business Plus ISBN: 9780446589161	PO1
2.	Benjamin Graham (1949), The Intelligent Investor, Harper & Brothers	PO2
3.	Mary Buffett and David Clark (2002), The New Buffettology (Simon and Schuster)	PO1, PO3
4.	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	PO1, PO3
5.	William J. O'Neil (2009) How to Make Money in Stocks: A Winning System in Good Times and Bad, Fourth Edition McGraw Hill Education	PO2, PO3, PO4
<b>Web Resources</b>		
1.	<a href="https://www.capitalmarket.com/">https://www.capitalmarket.com/</a>	
2.	<a href="https://www.icmagroup.org/">https://www.icmagroup.org/</a>	
3.	<a href="http://www.bse.in">http://www.bse.in</a> about Stocks, Tata McGraw Hill, New Delhi	
4.	<a href="http://www.stocks.com">http://www.stocks.com</a> (2013) "Economics for Investment Decision"	
5.	<a href="https://www.macroandmicro.com">https://www.macroandmicro.com</a> and <a href="http://www.investing.com">http://www.investing.com</a> "Best Stock Trading Websites for Beginners"	
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	

**Mapping with Programme Outcomes:**

	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>
<b>CO 1</b>	3	3	3	3	3	3	3	3
<b>CO 2</b>	3	3	3	3	3	3	3	3
<b>CO 3</b>	3	3	3	3	3	3	3	3
<b>CO 4</b>	3	3	3	3	2	3	3	3
<b>CO 5</b>	2	2	3	3	3	2	3	3
<b>Weightage</b>	14	14	15	15	14	14	15	15
<b>Weighted percentage of course contribution to POS</b>	2.8	2.8	3.0	3.0	2.8	2.8	3.0	3.00

**S-Strong-3 M-Medium-2 L-Low-1**

**Level of Correlation between PSO's and CO's**

<b>CO /PO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	3	3	3	3	2
<b>CO2</b>	3	3	3	2	2
<b>CO3</b>	2	2	3	3	3
<b>CO4</b>	3	3	2	2	2
<b>CO5</b>	2	2	3	3	3
<b>Weightage</b>	13	13	14	13	12
<b>Weighted percentage of Course Contribution to PSOs</b>	2.6	2.6	2.8	2.6	2.4

**Strong-3 M-Medium-2 L-Low-1**

**FIRST YEAR - SEMESTER II**

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
U23SEE3	COMPUTER APPLICATIONS IN ECONOMICS	SEC-3					2	2	25	75	100
Nature of the Course											
Relevant to Global need		Employability Oriented	✓	Addresses Professional Ethics							
Relevant to National need		Entrepreneurship Oriented		Addresses Gender Sensitization							
Relevant to Regional need		Skill Development Oriented	✓	Addresses Environment and Sustainability							
Relevant to Local need				Addresses Human Values							
<b>Learning Objectives</b>											
C1	To know the basic concepts of Computer Applications										
C2	To apply the MS office and its basic operations										
C3	To describes the data processing techniques using various MS office operations										
C4	To gain knowledge on application of MS Excel										
C5	To know mathematical and statistical functions for Economic Analysis										
UNIT	Contents										No. of Hours
I	<b>Introduction to Computers</b> Computer and Peripherals: Meaning, Types, Features and Limitations– Basic Components – Input and Output Devices – Primary Memory and Secondary Storage – Computer Software–Types – Malicious Software –Operating Systems: Functions and Types.										6
II	<b>MS Office</b> Windows Explorer - MS Word: Basic Operations in Word – Editing– Formatting – Text Creation of Tables and Volumes - MS Power Point Presentation- Creating, Opening and Saving Slideshow and Animations - MS Excel: Work Sheet and Work Book- Opening and Formatting.										6

III	<b>Data Processing</b> Data Processing Techniques using MS Excel: Concept of Data – Record and File – Types of Data – Data Entry – File Handling and Operations–Opening, Appending and Cascading – Closing and Attribute Controls <b>Course Outcomes</b>	6
IV	<b>Introduction to MS Excel</b>	<b>Programme Outcomes</b>
CO	On completion of this course, students will	
1	Understand basic components of Computer and its functions, Files and Graphs.	PO1, PO3, PO8
2	Gain knowledge of MS Office.	PO3, PO8
3	Understand Descriptive Statistics: techniques of MS Model and Standard Deviation.	PO2, PO3, PO8
4	Understand basic Operations in MS Excel Rates - Demand Function	PO1, PO2, PO8
5	Apply MS Function, Statistics and Functions and Demand for and Supply of Money- Correlation – Regression.	PO2, PO3, PO8
	<b>Total Marks</b>	<b>30</b>
1	Hem Chand Jain and H.N.Tiwari (2019) Computer Applications In Business ,5 <sup>th</sup> Edition Taxmann Publication.	
2	Dhanasekaran.K( 2010) Computer Applications In Economics Vrinda Publications.	
3	Asthana and Braj Bhushan (2007): Statistics for Social Sciences (with SPSS Applications).	
4.	Dan Kookin, “Word for Dummies”, Wiley, 2021	
5.	Joseph Muller, “Statistical Analysis with Excel For Dummies”, Wiley, 2008	
<b>Reference Books</b>		
1.	Oscar Afonso , Paulo B. Vasconcelos, Computational Economics: A Concise Introduction, Routledge; 1 <sup>st</sup> Edition	
2.	Alexis Leon and Mathews Leon; (2001), Introduction to Computers with 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 DreamTech	
<b>Web Resources</b>		
1.	<a href="https://www.excel-easy.com/basics.html">https://www.excel-easy.com/basics.html</a>	
2.	<a href="https://excelchamps.com/excel-basics/">https://excelchamps.com/excel-basics/</a>	
3.	<a href="https://edu.gcfglobal.or/en/topics/excel/">https://edu.gcfglobal.or/en/topics/excel/</a>	
4.	<a href="https://trumpexcel.com/learn-excel/">https://trumpexcel.com/learn-excel/</a>	
5.	<a href="https://www.simplilearn.com/learn-ms-excel-free-training-course-skillup">https://www.simplilearn.com/learn-ms-excel-free-training-course-skillup</a>	

**Mapping with Programme Outcomes:**

	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>
<b>CO 1</b>	3	3	3	3	3	3	3	3
<b>CO 2</b>	3	3	3	3	3	3	3	3
<b>CO 3</b>	3	3	3	3	3	3	3	3
<b>CO 4</b>	3	3	3	3	2	3	3	3
<b>CO 5</b>	3	2	2	3	3	3	3	3
Weightage	15	14	14	15	14	15	15	15
Weighted percentage of course contribution to POS	3.0	2.8	2.8	3.0	2.8	3.0	3.0	3.00

**S-Strong-3 M-Medium-2 L-Low-1**

**Level of Correlation between PSO's and CO's**

<b>CO /PO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	2	2	2	3	3
<b>CO2</b>	2	2	2	3	3
<b>CO3</b>	2	2	2	3	3
<b>CO4</b>	2	2	2	3	3
<b>CO5</b>	3	3	3	3	3
<b>Weightage</b>	11	11	11	15	15
<b>Weighted percentage of Course Contribution to PSOs</b>	2.2	2.2	2.2	3	3

**Strong-3 M-Medium-2 L-Low-1**

**SECOND YEAR-SEMESTER - III**

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CI	Ext	Total
<b>U23CE 5</b>	<b>MACRO ECONOMICS-I</b>	<b>Core -5</b>					5	5	25	75	100
<b>Nature of the Course</b>											
Relevant to Global need		Employability Oriented		✓	Addresses Professional Ethics						
Relevant to National need		Entrepreneurship Oriented			Addresses Gender Sensitization						
Relevant to Regional need		Skill Development Oriented			Addresses Environment and Sustainability						
Relevant to Local need			Addresses Human Values								
<b>Learning Objectives</b>											
C1	To understand the national income and its related concepts										
C2	To analyse the classical theory of full employment and its advantages										
C3	To illustrate the Keynesian under employment theory and its applications										
C4	To evaluate the theories of Consumption and its types										
C5	To impart students to understand inflation and its types										
<b>UNIT</b>	<b>Contents</b>										<b>No. of Hours</b>
I	<b>National Income</b> National Income: Definition –Concepts: GDP,GNP and Per Capita Income- National Income Measurement: Expenditure, Income and Value Added Approaches- Real and Nominal GDP – National Income Accounting - GDP Deflator – Green GDP – Happiness Index - Circular Flow of Income and Expenditure										15
II	<b>Full Employment: Classical Theory</b> Introduction - Aggregate Demand and Aggregate Supply – Assumptions of Classical Theory – Say’s Law – Wage and Price Flexibility - Employment and Output determination in Classical Model -Three Ranges in Aggregate Supply (AS)Curve										15
III	<b>Under Employment: Keynesian Theory</b>										

	Keynes's Critique of Classical Theory – Involuntary Unemployment – Underemployment Equilibrium- Effective Demand – Components - Wage Rigidity – Liquidity Preference - Consumption Function: Meaning and Attributes - Investment – Marginal Efficiency of Capital-Multiplier.	18
IV	<b>Theories of Consumption</b> Keynesian Absolute Income Hypothesis – Duesenberry's Relative Income Hypothesis – Friedman's Permanent Income Hypothesis – Modigliani's Life Cycle Hypothesis.	15
V	<b>Inflation</b> Inflation: Definition and Types -Demand Pull -Cost Push and Mark-up Inflation– Consumer Price Index – Wholesale Price Index – Producer Price Index – Headline and Core Inflation- Phillips Curve.	12
	<b>Total</b>	<b>75</b>

<b>Course Outcomes</b>		<b>Programme Outcomes</b>
CO	On completion of this course, students will	
1	Understand the structure of Macroeconomics and the Concept of GDP	PO1,PO2,PO3
2	Outline the concepts in Classical Theory of Employment	PO1,PO2
3	Analyse the Keynesian Underemployment Theory	PO1,PO2
4	Examine the theories of Consumption Function	PO1,PO2, PO3
5	Understand the types and the impact of Inflation on Economies	PO2,PO3,PO8
<b>Textbooks</b>		
1	Mankiw. N Gregory (2000), Macroeconomics, Worth Publishers, New York	
2	VaishM.C.(2003) Macro Economic Theory , S.Chand& Company Ltd New Delhi	
3	Paul Krugman and Robin Wells(2015) Macroeconomics Worth Publisher	
4	H.L. Ahuja, Macro Economics: Theory and Policy S.Chand, 2016	
5	Andrew B. Abel and Ben S.Bernanke, Macro Economics, Pearson Education, Inc., 7th Edition, 2011.	
<b>Reference Books</b>		
1.	RudigerDornbusch , Stanley Fischer, and Richard Startz (2000), Macroeconomics, Tata McGraw-Hill Publishing Company, New Delhi.	
2.	Parkin, M., 2014. Macro Economics. 11 <sup>th</sup> Edition. Essex: Pearson	
3.	Blanchard, Olivier and David R. Johnson (2013) Macroeconomics, Pearson.	
4.	Mueller, M.G. (Ed.) (1978), Readingsin Macroeconomics, Surjeet Publications, New Delhi	
5.	Roger E.A. Farmer (2002), Macro Economics, Thompson Asia Pvt Ltd., Singapore.	
<b>Web Resources</b>		
1.	<a href="http://www2.econ.iastate.edu/tesfatsi/sources.htm">http://www2.econ.iastate.edu/tesfatsi/sources.htm</a>	
2.	<a href="https://www.khanacademy.org/economics-finance-domain/macroeconomics">https://www.khanacademy.org/economics-finance-domain/macroeconomics</a>	
3.	<a href="https://www.econlib.org">https://www.econlib.org</a>	
4.	<a href="https://economics.mit.edu/">https://economics.mit.edu/</a>	
5.	<a href="https://hbswk.hbs.edu/">https://hbswk.hbs.edu/</a>	

**Mapping with Programme Outcomes:**

	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>
<b>CO 1</b>	3	3	3	3	3	3	3	3
<b>CO 2</b>	3	3	3	3	3	3	3	3
<b>CO 3</b>	3	3	3	3	3	3	3	3
<b>CO 4</b>	3	3	3	3	2	3	3	3
<b>CO 5</b>	2	3	2	3	3	3	3	3
Weightage	14	15	14	15	14	15	15	15
Weighted percentage of course contribution to POS	2.8	3.0	2.8	3.0	2.8	3.0	3.0	3.00

**S-Strong-3 M-Medium-2 L-Low-1**

**Level of Correlation between PSO's and CO's**

<b>CO /PO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	3	3	3	3	2
<b>CO2</b>	3	3	3	2	2
<b>CO3</b>	3	3	3	2	2
<b>CO4</b>	3	3	2	2	2
<b>CO5</b>	3	3	3	3	3
<b>Weightage</b>	15	15	14	12	11
<b>Weighted percentage of Course Contribution to PSOs</b>	3	3	2.8	2.6	2.2

**Strong-3 M-Medium-2 L-Low-1**

**SECOND YEAR-SEMESTER - III**

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
<b>U23CE 6</b>	<b>MATHEMATICS FOR ECONOMICS</b>	<b>Core -6</b>					4	5	25	75	100
Nature of the Course											
Relevant to Global need		Employability Oriented	✓	Addresses Professional Ethics							
Relevant to National need		Entrepreneurship Oriented		Addresses Gender Sensitization							
Relevant to Regional need		Skill Development Oriented		Addresses Environment and Sustainability							
Relevant to Local need				Addresses Human Values							
<b>Learning Objectives</b>											
C1	To integrate the concepts of Economics with Mathematical tools.										
C2	To use Matrices to find solutions in Economics.										
C3	To apply the applications of Matrix algebra and its uses										
C4	To know the differentiation and its function										
C5	To understand the second order derivatives and its maxi mini function										
<b>UNIT</b>	<b>Contents</b>								<b>No. of Hours</b>		
I	<b>Introduction</b> Variables, Constants, Equations and its types – Uses and limitations of Mathematics in Economics- Functions of one or more variables – Linear function, Parabola, Rectangular Hyperbola- Exponential, Logarithmic, Power function and Homogenous Function – Applications in Economics								12		
II	<b>Matrix Algebra and Determinants</b> Types of Matrices- Matrix Operations – Addition – Subtraction- Matrix Multiplication – Transpose –Determinants, Inverse and Properties (Problems).								15		
III	<b>Applications of Matrix Algebra</b> 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		

	Hawkins – Simon Conditions for Viability of Input and Output Model (Problems).	
IV	<b>Differentiation</b> Limits and Continuity –Differentiability of a Function – Slope of a Curve – Increasing and Decreasing Functions – Rules- Exponential and Logarithmic Functions -Implicit Differentiation– Economic Applications: Marginal and Elasticity Concepts – Relationship between AR, MR, and Price Elasticity of Demand – Relationship Between Average and Marginal Cost.	15
V	<b>Optimization (Single Variable)</b> 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
<b>Total</b>		<b>75</b>
<b>Course Outcomes</b>		<b>Programme Outcomes</b>
CO	On completion of this course, students will	
1	Understand Basic Concepts of Mathematics and its application in Economics.	PO1,PO3
2	Analyze the relevance of the Types of Matrices	PO1,PO2
3	Calculate optimal values in the system of Equations and the importance of Input-Output Analysis	PO2,PO3
4	Gain knowledge of the rules of Differentiation and its Economic Applications	PO1,PO2, PO3
5	To optimize single variable functions in Economics	PO1,PO3
<b>Textbooks</b>		
1	Mehta and Madnani (2019) Mathematics for Economists Sultan Chand and Sons	
2	Edward T. Dowling,(2002) “Mathematical Methods for Business and Economics”, Schaum’s Outline Series, 3 <sup>rd</sup> Edition, Mc Graw Hill	
3	Renshaw Geoff, (2005) Maths for Economics, 3 <sup>rd</sup> Edition Oxford University Press, Oxford	
4	Carl P Simon & Lawrence E. Blume,“Mathematics for Economists”, Published by W. W. Norton & Company,2010	
5	Ian Jacques, “Mathematics for Economics and Business”, Pearson, 2018	
<b>Reference Books</b>		
1.	Chiang, A. C., Fundamental Methods of Mathematical Economics, McGraw-Hill, 1984	
2.	G. Hadley, Linear Algebra Addison – Wesley Publishing Company, 1977.	
3.	K. Sydsaeter and P Hammond, Mathematics for Economic Analysis, Pearson Educational Asia, Delhi 2002.	
4.	Mabett. Alan J Workout for Mathematics for Economist McMillan 1986.	
5.	R.G.D. Allen, Mathematical Analysis for Economists Macmillan and Co.Ltd.,2008	

<b>Web Resources</b>	
1.	<a href="https://www.coursera.org/learn/mathematics-for-economists">https://www.coursera.org/learn/mathematics-for-economists</a>
2.	<a href="https://mitpress.mit.edu/9780262294805/mathematics-for-economics/">https://mitpress.mit.edu/9780262294805/mathematics-for-economics/</a>
3.	<a href="https://hummedia.manchester.ac.uk/school/soss/economics/pg/psmaths/pre-sessionmathbook.pdf">https://hummedia.manchester.ac.uk/school/soss/economics/pg/psmaths/pre-sessionmathbook.pdf</a>
4.	<a href="https://mitpress.mit.edu/9780262046626/mathematics-for-economics/">https://mitpress.mit.edu/9780262046626/mathematics-for-economics/</a>
5.	

**Mapping with Programme Outcomes:**

	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>
<b>CO 1</b>	3	3	3	3	3	3	3	3
<b>CO 2</b>	3	3	3	3	3	3	3	3
<b>CO 3</b>	3	3	3	3	3	3	3	3
<b>CO 4</b>	3	3	3	3	2	3	3	3
<b>CO 5</b>	3	2	3	3	3	3	3	3
<b>Weightage</b>	15	14	15	15	14	15	15	15
<b>Weighted percentage of course contribution to POS</b>	3.0	2.8	3.0	3.0	2.8	3.0	3.0	3.00

**S-Strong-3 M-Medium-2 L-Low-1**

**Level of Correlation between PSO's and CO's**

<b>CO /PO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	3	3	2	2	2
<b>CO2</b>	3	3	2	2	2
<b>CO3</b>	3	3	2	2	2
<b>CO4</b>	3	3	3	2	3
<b>CO5</b>	2	2	3	3	3
<b>Weightage</b>	14	14	12	11	12
<b>Weighted percentage of Course Contribution to PSOs</b>	2.8	2.8	2.6	2.2	2.6

**Strong-3 M-Medium-2 L-Low-1**

**SECOND YEAR-SEMESTER - III**

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
<b>U23GE09</b>	<b>PRINCIPLES OF MARKETING</b>	GEC-3					4	4	25	75	100
Nature of the Course											
Relevant to Global need		Employability Oriented	✓					Addresses Professional Ethics			
Relevant to National need		Entrepreneurship Oriented						Addresses Gender Sensitization			
Relevant to Regional need		Skill Development Oriented	✓					Addresses Environment and Sustainability			
Relevant to Local need				Addresses Human Values							
<b>Learning Objectives</b>											
C1	To assess the nature and scope of marketing and its functions										
C2	To understand the buying behavior and market segmentation with consumer protection act										
C3	To know the product, pricing decisions and pricing of new products										
C4	To reveals the distribution and promotions decisions its types and methods										
C5	To analyse the marketing technique and marketing services										
<b>UNIT</b>	<b>Contents</b>								<b>No. of Hours</b>		
I	<b>Introduction</b> Marketing: Definition, Nature and Scope – Marketing Functions– Modern Concept of Marketing– Classification of Markets – Buying – Transportation – Warehousing – Standardization – Grading.								12		
II	<b>Buying Behaviour and Market Segmentation</b> Buying Behaviour– Classification - Buying Decision Process– Buying Motives – Consumer Protection Act 1986 and Latest Amendments- Market Segmentation: Concept and Methods - Product Differentiation Vs. Market Segmentation - Marketing Mix								12		

III	<b>Product and Pricing Decisions</b> Product: Meaning and Classification - Product Mix –Branding-Brand Decisions – Packaging and Labelling – Product Support - Product Life Cycle - New Product Development -Pricing Objectives - Pricing Policies and Strategies – Pricing of New Products	12
IV	<b>Distribution and Promotion Decisions</b> Channels of Distribution: Meaning and Importance - Wholesaling and Retailing – Promotional Methods – Promotion Mix – Advertising: Objectives, Characteristics and Types of Advertising Mediums - Publicity – Personal Selling: Importance and Process - Sales Promotion and Distinctive Characteristics.	12
V	<b>Modern Marketing Techniques</b> Modern Marketing— Direct Marketing– Social Marketing-Relationship Marketing– E- Marketing - Green Marketing – Marketing of Industrial and Consumer Products –Marketing of Services – Marketing of Agricultural Products –Market Information System (MIS).	12
	<b>Total</b>	<b>60</b>
<b>Course Outcomes</b>		<b>Programme Outcome</b>
CO	On completion of this course, students will	
1	Understand the Classification of Markets and Marketing Functions	PO1,PO2
2	Analyze the buying behaviour, Buying Decision Process and Understand Basic Theories, Consumer Protection Act, Product Differentiation and Marketing Mix.	PO2,PO3
3	Understand the concept of Product Mix, Product life cycle, Pricing Policies and Pricing of New Products.	PO1,PO2
4	Describe the Channel of Distribution, Wholesaling, Retailing, Sales promotion and their distinctive characteristics.	PO1,PO2
5	Evaluate the concepts of Modern Marketing and Elements.	PO1, PO2,PO3
<b>Textbooks</b>		
1	Dr.Rajan Nair.(2020) ,Marketing, Sultan Chand and Sons.	
2	Philip Kotler, (2016), Marketing: An Introduction, Asia Pacific Holding Private Limited	
3	Karunakaran K (2011) Marketing Management (Text and Cases in Indian Context), Himalaya Publishing House Mumbai	
4.	Seema Gupta (2022) Digital Marketing 3 <sup>rd</sup> Edition McGraw Hill	
5.	Gary M. Armstrong, Stewart Adam, Sara Marion Denize, Michael Volkov, Philip Kotler, “Principles of Marketing”, Pearson, 2017	

<b>Reference Books</b>	
1.	Pillai, R.S.N and Bhagvathi (2010), Modern Marketing Principles and Practices. S Chand & Co Ltd.,
2.	Dr.C. B.Gupta ,Dr.N.Rajan Nair(2020), Marketing Management ,Sultan Chand & Sons.
3.	Varshney,R.Land B. Bhattacharyya(2022), International Marketing Management, Sultan Chand and Sons.
4.	Dr.C.B.Mamoria, Pradeep Jain, PritiMitra,(2013)Theory and Practice of Marketing, KitabMahal
5.	Sheena Iyengar(2011) The Art of Choosing ,Little Brown Book Group
<b>Web Resources</b>	
1.	<a href="https://marketingland.com">https://marketingland.com</a>
2.	<a href="https://www.worldsupporter.org/en/chapter/41634-summary-principles-marketing-kotler">https://www.worldsupporter.org/en/chapter/41634-summary-principles-marketing-kotler</a>
3.	<a href="https://mailchimp.com/marketing-glossary/marketing-mix-7ps/">https://mailchimp.com/marketing-glossary/marketing-mix-7ps/</a>
4.	<a href="https://www.linkedin.com/learning/paths/become-an-online-marketing-manager">https://www.linkedin.com/learning/paths/become-an-online-marketing-manager</a>
5.	<a href="https://www.wordstream.com/learn">https://www.wordstream.com/learn</a>

**Mapping with Programme Outcomes:**

	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>
<b>CO 1</b>	3	3	3	3	3	3	3	3
<b>CO 2</b>	3	3	2	3	3	3	3	3
<b>CO 3</b>	3	3	3	3	3	3	3	3
<b>CO 4</b>	2	3	3	3	2	2	3	3
<b>CO 5</b>	3	3	3	3	3	3	2	3
Weightage	14	15	14	15	14	14	14	15
Weighted percentage of course contribution to POS	2.8	3.0	2.8	3.0	2.8	2.8	2.8	3.00

**S-Strong-3 M-Medium-2 L-Low-1**

**Level of Correlation between PSO's and CO's**

<b>CO /PO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	3	2	3	2	2
<b>CO2</b>	3	2	3	3	2
<b>CO3</b>	3	3	3	2	3
<b>CO4</b>	3	2	3	2	3
<b>CO5</b>	3	3	2	2	2
<b>Weightage</b>	15	12	14	11	12
<b>Weighted percentage of Course Contribution to PSOs</b>	3	2.6	2.8	2.2	2.4

**Strong-3 M-Medium-2 L-Low-1**

**SECOND YEAR-SEMESTER - III**

Subject Code	Subject Name	Category	L	T	P	S	C r e d i t s	I n s t . H o u r s	Marks		
									CI A	E x t e r n a l	T o t a l
U23GE1 0	<b>ECONOMICS OF TOURISM</b>	GEC-3					4	4	25	75	100
Nature of the Course											
Relevant to Global need		Employability Oriented		✓			Addresses Professional Ethics				
Relevant to National need		Entrepreneurship Oriented					Addresses Gender Sensitization				
Relevant to Regional need		Skill Development Oriented					Addresses Environment and Sustainability				
Relevant to Local need			Addresses Human Values								
<b>Learning Objectives</b>											
C1	To familiarise students with the basic concepts of Tourism.										
C2	To probe the tourism demand forecasting and its methods										
C3	To analyse the impact of tourism and its related aspects										
C4	To understand the contribution of the Tourism Industry										
C5	To examine the various international organisations in Tourism.										
<b>UNIT</b>	<b>Contents</b>									<b>No. of Hours</b>	
I	<b>Introduction</b> Introduction – Economics, and Tourism - Tourism Demand - Theoretical background - Types of Tourism Demand - Determinants of Tourism Demand									12	
II	<b>Tourism Demand</b> Tourism Demand Forecasting - Methods of Forecasting – Public and Private Sectors in Tourism - the Need for Public and Private Sector Co-operation in Tourism – Growth of Tourism Demand in India.									12	
III	<b>Tourism Impacts</b> Impact of Tourism - Economic Aspects - the Multiplier Effect - Displacement Effect and Tourism - Tourist Spending - Costs and Benefits of Tourism to Community - Environmental Aspects – Contingency Valuation Method									12	
IV	<b>Tourism in India</b>										

	Major tourism circuits of India: Inter-State and Intra-State – Heritage Tourism – Wild life Tourism and Eco Tourism – Tourism in Tamil Nadu.	12
V	<b>Tourism Organizations</b> Role and Functions of World Tourism Organization (WTO), Pacific Asia Travel Association (PATA), World Tourism & Travel Council (WTTC) - Ministry of Tourism, Govt. of India, ITDC, Department of Tourism, Government of Tamil Nadu TTDC – IHA-IATA- TAAI- IATO.	12
	<b>Total</b>	<b>60 hours</b>

<b>Course Outcomes</b>		<b>Programme Outcomes</b>
CO	On completion of this course, students will	
1	Describe the importance of Tourism	PO1,PO2
2	Understand various methods to calculate demand for tourism	PO1, PO3,PO4
3	Analyse the impact of Tourism	PO1,PO2
4	Know the various Tourist circuits in India	PO6, PO8
5	Learn the role of Organisations in tourism development	PO1,PO2,PO8
<b>Textbooks</b>		
1	Stephen Ball (2007), Encyclopaedia of Tourism Resources in India,B/H.	
2	Manoj Dixit (2002), Tourism Products, New Royal Book Co. Lucknow	
3	Vanhove and Norber, “The Economics of Tourism Destinations”, T & F India, 2010	
4	Mike J. Stabler, Andreas Papatheodorou, M. Thea Sinclair, “ Economics of Tourism”, Talyor& Francis, 2009	
5	Yong Chen, “Economics of Tourism and Hospitality:A Micro Approach”, Talyor& Francis, 2021	
<b>Reference Books</b>		
1.	Bhatia A.K (2020)Tourism Development : Principles and Practices Sterling Publishers Private Limited	
2.	Mishra P.K (2018) Tourism in India: Potential, Problems and Prospects(2018) New Century Publications	
3.	Prasanna Kumar (2017) Marketing for Hospitality and Tourism Mc Graw Hill Education	
4.	Sneha Pathak and RiteshMishra(2019) Medical Tourism in India 93-88797-49-8	
5.	Geetanjali (2010)Tourism Management ABD Publishers	
<b>Web Resources</b>		
1.	<a href="https://www.unwto.org/">https://www.unwto.org/</a>	
2.	<a href="https://itdc.co.in/">https://itdc.co.in/</a>	
3.	<a href="https://tourism.gov.in/">https://tourism.gov.in/</a>	
4.	<a href="https://www.traveldailymedia.com/importance-of-travel-website-for-the-travel-company/">https://www.traveldailymedia.com/importance-of-travel-website-for-the-travel-company/</a>	
5.	<a href="https://www.oecd.org/cfe/tourism/">https://www.oecd.org/cfe/tourism/</a>	

**SECOND YEAR-SEMESTER - III**

Subject Code	Subject Name	C a t e g o r y	L	T	P	S	C r e d i t s	I n s t . H o u r s	Marks		
									C I A	E x t e r n a l	T o t a l
<b>U23SEE 4</b>	<b>ENTREPRENEURIAL ECONOMICS</b>	<b>SEC -4</b>					1	1	25	75	100
<b>Nature of the Course</b>											
Relevant to Global need		Employability Oriented	✓	Addresses Professional Ethics							
Relevant to National need		Entrepreneurship Oriented	✓	Addresses Gender Sensitization							
Relevant to Regional need		Skill Development Oriented	✓	Addresses Environment and Sustainability							
Relevant to Local need				Addresses Human Values							
<b>Learning Objectives</b>											
C1	describes the factors influencing entrepreneurship										
C2	know the various theories of motivation and its advantages										
C3	Identify the opportunities to create value for others										
C4	To evaluate the creativity and entrepreneurship.										
C5	To analyse the sources of finance for business.										
<b>UNIT</b>	<b>Contents</b>									<b>No. of Hours</b>	
I	<b>Introduction</b> Entrepreneurship: Meaning and Importance - Evolution of term 'Entrepreneurship' - Factors influencing Entrepreneurship: Psychological, Social, Economic and Environmental - Characteristics of an Entrepreneur - Types of Entrepreneurs- New Generations of entrepreneurship - Barriers to entrepreneurship									3	
II	<b>Entrepreneurial Motivation</b> Motivation: meaning and Definition – Theories of Motivation: Maslow's, Herzberg's, McGregor's and Achievement Theory - Culture & Society - Values / Ethics – Risk-taking behaviour									3	
III	<b>Creativity and entrepreneurship</b>										

	Creativity and entrepreneurship - Steps in Creativity - Innovation and inventions - Legal Protection of innovation - Skills of an Entrepreneur - Decision making and Problem Solving (Steps in Decision Making)	3
IV	<b>Sources of Finance</b> Sources of Finance: Long term Sources -Equity Shares, Preference Shares and debentures- Kinds Private Placements-IPO-SEBI- FDI- Institutional Finance - Banks - IDBI, IFCI, IIBI, ICICI, SIDBI, SFCs in India - Merchant Banks in India - NBFCs in India	3
V	<b>Rules and Legislation</b> Industries Development (Regulations) Act, 1951 - Factories Act 1948 - The Industrial Employment (Standing Orders) Act - Environment (Protection) Act, 1986 - The Sale of Goods Act, 1950 - Industrial Disputes Act 1947	3
<b>Total</b>		<b>15 hours</b>
<b>Course Outcomes</b>		<b>Programme Outcomes</b>
CO	On completion of this course, students will	
1	Explain the importance and factors influencing entrepreneurship	PO1,PO2
2	Understand and apply entrepreneurial theory using lean start-up principles.	PO1,PO2
3	Recognize and evaluate Creativity and entrepreneurship	PO1, PO4
4	Understand the Various sources of Finance available for entrepreneur	PO1
5	Know the Applicability of Legislation and Rules	PO6
<b>Textbooks</b>		
1	Desai, V. (2009). Dynamics of Entrepreneurial Development and Management. Himalaya Publishing House.	
2	Srinivasan, N. P., & Gupta, G. P. (2001). Entrepreneurial Development". <i>Sultan Chand and Sons, New Delhi</i>	
3	Simon. C Parker, "The Economics of Entrepreneurship", Cambridge University Press, 2009	
4	K. Glancey, R. McQuaid and Jo Campling, "Entrepreneurial economics", Palgrave Macmillan UK, 2000	
5	Akland Alexander Tabarrok, "Entrepreneurial Economics", Oxford University Press, 2002	
<b>Reference Books</b>		
1.	Glancey, K., McQuaid, R., & Campling, J. (2000), Entrepreneurial Economics. London: Macmillan.	
2.	Casson, M., & Buckley, P. J. (2010). Entrepreneurship, Edward Elgar Publishing.	
3.	Parker, S. C. (2018). The Economics of Entrepreneurship. Cambridge University Press.	

4.	Harper, D. A. (2003). Foundations of Entrepreneurship and Economic Development. Routledge
5.	Khanka, S. S. (2006). Entrepreneurial Development. S. Chand Publishing.
<b>Web Resources</b>	
1.	<a href="https://www.startupindia.gov.in/">https://www.startupindia.gov.in/</a>
2.	<a href="https://www.ediindia.org/">https://www.ediindia.org/</a>
3.	<a href="https://skillindia.gov.in/">https://skillindia.gov.in/</a>
4.	<a href="https://www.startupindia.gov.in/">https://www.startupindia.gov.in/</a>
5.	<a href="https://indianstartups.com/">https://indianstartups.com/</a>

**Mapping with Programme Outcomes:**

	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>
<b>CO 1</b>	3	3	3	3	3	3	3	3
<b>CO 2</b>	3	3	2	3	3	3	3	3
<b>CO 3</b>	3	2	3	3	3	3	3	3
<b>CO 4</b>	3	3	3	3	3	2	3	3
<b>CO 5</b>	3	3	3	3	3	3	2	3
Weightage	15	14	14	15	15	14	14	15
Weighted percentage of course contribution to POS	3.0	2.8	2.8	3.0	3.0	2.8	2.8	3.00

**S-Strong-3 M-Medium-2 L-Low-1**

**Level of Correlation between PSO's and CO's**

<b>CO /PO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	2	2	3	2	2
<b>CO2</b>	2	2	3	3	2
<b>CO3</b>	3	3	3	3	2
<b>CO4</b>	2	2	2	2	2
<b>CO5</b>	2	2	3	2	3
<b>Weightage</b>	11	11	14	12	11
<b>Weighted percentage of Course Contribution to PSOs</b>	2.2	2.2	2.8	2.6	2.2

**Strong-3 M-Medium-2 L-Low-1**

**Mapping with Programme Outcomes:**

	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>
<b>CO 1</b>	3	3	3	3	3	3	3	3
<b>CO 2</b>	2	3	2	3	3	3	3	3
<b>CO 3</b>	3	3	3	3	2	3	3	3
<b>CO 4</b>	3	3	3	3	3	2	3	3
<b>CO 5</b>	3	3	3	3	3	3	2	3
<b>Weightage</b>	14	15	14	15	15	14	14	15
<b>Weighted percentage of course contribution to POS</b>	2.8	3.0	2.8	3.0	2.8	2.8	2.8	3.00

**S-Strong-3 M-Medium-2 L-Low-1**

**Level of Correlation between PSO's and CO's**

<b>CO /PO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	3	3	3	3	2
<b>CO2</b>	3	3	2	3	2
<b>CO3</b>	3	2	2	3	3
<b>CO4</b>	3	3	3	3	2
<b>CO5</b>	2	2	2	2	2
<b>Weightage</b>	14	13	12	14	11
<b>Weighted percentage of Course Contribution to PSOs</b>	2.8	2.6	2.2	2.8	2.2

**Strong-3 M-Medium-2 L-Low-1**

**SECOND YEAR-SEMESTER - III**

	Subject Name	Category	L	T	P	S	C r e d i t s	I n s t . H o u r s	Marks		
									C I A	E x t e r n a l	T o t a l
<b>U23SEE5</b>	<b>EVENT MANAGEMENT</b>	<b>SEC-5</b>					2	2	25	75	100
Nature of the Course											
Relevant to Global need		Employability Oriented	✓	Addresses Professional Ethics							
Relevant to National need		Entrepreneurship Oriented		Addresses Gender Sensitization							
Relevant to Regional need		Skill Development Oriented	✓	Addresses Environment and Sustainability							
Relevant to Local need				Addresses Human Values							
<b>Learning Objectives</b>											
C1	To equip students on the various facets of Event Management.										
C2	provide students event management as a career option.										
C3	understand the committees in managing events and its safety										
C4	To learn about celebrity management										
C5	To know the event management in India and its operations										
<b>UNIT</b>	<b>Contents</b>									<b>No. of Hours</b>	
<b>I</b>	<b>Introduction</b> Event Management – Definition –objectives –Classification and Types of Events- Career Options									6	
<b>II</b>	<b>Event Management Strategy</b> <b>Process</b> -Target Audience –Creativity - Purpose – Costs -Event Budget-Network with Suppliers- Creation of Social Media Accounts									6	
<b>III</b>	<b>Committees in Managing Events</b> Organising Committee- Event Scheduling -Venue Selection-Recruitment of Event Staff-Event Safety-Emergency Planning and Checklist									6	
<b>IV</b>	<b>Celebrity Management</b> Issues and Challenges -Cost Management and Budget – Confidentiality- Crowd Management									6	

V	Event Management Industry in India- Leading Event Management Companies	6
	<b>Total</b>	<b>30</b>

<b>Course Outcomes</b>		<b>Programme Outcomes</b>
CO	On Completion of the course ,students will	
1	Understand the growing importance of event industry	PO1, PO2
2	Analyse the process involved in the event management industry and career Options	PO2, PO3
3	Gain Knowledge on the various Committees involved	PO1,PO2,PO3
4	Review how to manage celebrities	PO2, PO6
5	Examine the Growth process of event Management industry in India	PO1, PO2, PO6
<b>Textbooks</b>		
1	Lynn Van Der Wagen& Brenda R Carlos Event Management	
2	BhavanaChaudhariDr. Hoshi Bhiwandiwalla(2019) A book of Event Management Kindle Edition,NiraliPrakashan Publishers	
3	Alex Genadinik Event planning -management & marketing for successful events, Alex Genadinik publisher 2015	
4	Charles Bladen, James Kennell, Emma Abson and Nick Wilde, “Events Management: An Introduction”,Talyor and Francis, 2017	
5	Bernadette Quinn, “ Key Concepts in Event Management”, Sage Publication, 2013	
<b>Reference Books</b>		
1.	AbhijeethBhattacharje(2020) Event Management :A zero Investment Startup Business Kindle Edition	
2.	William O'Toole(2021)Events Feasibility and Development From Strategy to Operations Routledge	
3.	Julia Rutherford Silvers, William O'Toole(2020)Risk Management for Events, Routledge	
4.	Anukrati Sharma, Shruti Arora( 2018)Event Management and Marketing: Theory, Practical Approaches and Planning ,.Bharti Publications	
5.	Allen, J. et al., 2011. Festival & Special event management. 5th edition. John Wiley & Sons: Brisbane	

<b>Web Resources</b>	
1.	<a href="https://www.careerlauncher.com/rbi-grade-b/wto/">https://www.careerlauncher.com/rbi-grade-b/wto/</a>
2.	<a href="https://www.uou.ac.in/sites/default/files/slm/HM-402.pdf">https://www.uou.ac.in/sites/default/files/slm/HM-402.pdf</a>
3.	<a href="https://www.bizzabo.com/blog/event-planning-websites/">https://www.bizzabo.com/blog/event-planning-websites/</a>
4.	<a href="https://www.tantraa.net/">https://www.tantraa.net/</a>
5.	<a href="https://eventplanningblueprint.com/">https://eventplanningblueprint.com/</a>

**Mapping with Programme Outcomes:**

	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>
<b>CO 1</b>	3	3	3	3	3	3	3	3
<b>CO 2</b>	3	3	3	3	3	3	3	3
<b>CO 3</b>	3	2	3	3	3	3	3	3
<b>CO 4</b>	3	3	3	3	2	3	2	3
<b>CO 5</b>	2	2	3	3	3	2	3	3
Weightage	14	13	15	15	14	14	14	15
Weighted percentage of course contribution to POS	2.8	2.6	3.0	3.0	2.8	2.8	2.8	3.00

**S-Strong-3 M-Medium-2 L-Low-1**

**Level of Correlation between PSO's and CO's**

<b>CO /PO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	2	2	2	2	2
<b>CO2</b>	2	2	2	2	2
<b>CO3</b>	2	2	2	2	2
<b>CO4</b>	1	1	1	1	2
<b>CO5</b>	2	2	2	2	2
<b>Weightage</b>	9	9	9	9	10
<b>Weighted percentage of Course Contribution to PSOs</b>	1.8	1.8	1.8	1.8	2

**Strong-3 M-Medium-2 L-Low-1**

**SECOND YEAR- SEMESTER - IV**

Subject Code	Subject Name	Category	L	T	P	S	C	I	Marks		
									Internal	Total	
I	<b>IS-LM Model</b> Investment and Interest Rate – Money Demand, Money Supply and the interest rate – Derivation of IS and LM Curve – Shifts in IS Curve and Shifts in LM Curve.								15		
II	<b>Business Cycles</b> Phases of Business Cycles – Macroeconomic Variables and Business Cycles – Classical Theory and Business Cycles –								15		
<b>U23CE7</b>	<b>MACRO ECONOMICS CORE 7</b> Hansrey, Von Hayek, Schumpeter, Hicks, Kaldor and Samuelson Models – Keynesian theory of Business Cycles								75	100	
III	<b>Monetary Policy</b>								15		
	Nature of the Course Money - Functions of Money - Money Supply and Money										
Relevant to Global need	Demand – Classical Dichotomy, Keynesian theory of Money Demand – Employability Oriented								Addresses Professional Ethics		
Relevant to National need	Monetary Policy – Entrepreneurship Oriented								Addresses Gender Sensitization	15	
Relevant to Regional need	Fiscal Policy – Instruments- Classical and Keynesian Theory of Fiscal Policy – Fiscal Expansion – Skill Development								Addresses Environment and Sustainability		
Relevant to Local need	Policy – Critique of Fiscal Policy – Three Ranges in LM Curve.								Addresses Human Values		
V	<b>Supply Side Economics</b> Rational Expectation Hypothesis – New Classical School – Contribution of Robert Lucas – New Keynesian School.									15	
	<b>Learning Objectives</b>										
C1	To analyse the IS-LM model and its shifts										
C2	To probe the macro-economic variables and business cycle										<b>75 hours</b>
C3	To trace the macroeconomic theories and analyze the macroeconomic policies.										
C4	To understand the monetary policy and its instruments.										
C5	To know the fiscal policy and its instruments.										

<b>Course Outcomes</b>		<b>Programme Outcome</b>
CO	On completion of this course, students will	
1	Understand the IS-LM Model.	PO1,PO2
2	Learn the operation of theories of Business Cycles.	PO2,PO3
3	Analyze the components of Money Supply and Demand.	PO3,PO4
4	Evaluate the effectiveness of Fiscal Policy.	PO3,PO4
5	Understand Supply Side Economics.	PO1,PO2
<b>Textbooks</b>		
1	Mankiw Gregory (2017) Principles of Macroeconomics with coursemate, Books Express Publications.	
2	RudigerDornbusch, FischerStanely, and Richard Startz (2000), Macro Economics, tata McGraw-Hill publishing company, New Delhi	
3	Andrew B. Abel and Ben S.Bernanke, Macro Econmics, Pearson Education, Inc., 7th Edition, 2011.	
4	Vaish M.C.(2003) Macro Economic Theory , S.Chand& Company Ltd New Delhi	
5	Paul Krugman and Robin Wells(2015) Macroeconomics Worth Publisher	
<b>Reference Books</b>		
1.	Ahuja H.L, (2016) Macroeconomics: Theory and Policy. S. Chand	
2.	Mueller, M.G. (Ed.)(1978), Readings in Macro Economics, Surjeet Publications, New Delhi	
3.	Roger E.A. Farmer (2002), Macro Economics, Thompson Asia Pvt. Ltd., Singapore	
4.	Parkin, M., 2014. Macroeconomics 11 <sup>th</sup> Edition Essex: Pearson Blanchard, Olivier and David R. Johnson (2013) Macroeconomics, Pearson.	
5.	SoumenSikdar, "Principles of Macroeconomics", OUP India, 2020	
<b>Web Resources</b>		
1.	<a href="https://tradingeconomics.com">https://tradingeconomics.com</a>	
2.	<a href="https://www.bu.edu/econ/files/2014/08/DLS1.pdf">https://www.bu.edu/econ/files/2014/08/DLS1.pdf</a>	
3.	<a href="https://www.imf.org">https://www.imf.org</a>	
4.	<a href="https://www.aeaweb.org/resources/students">https://www.aeaweb.org/resources/students</a>	
5.	<a href="https://www.worldbank.org/en/topic/macroeconomics">https://www.worldbank.org/en/topic/macroeconomics</a>	

**Mapping with Programme Outcomes:**

	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>
<b>CO 1</b>	3	3	3	3	3	3	3	3
<b>CO 2</b>	3	3	2	3	3	3	3	3
<b>CO 3</b>	3	3	3	3	2	3	3	3
<b>CO 4</b>	3	3	3	3	3	3	3	3
<b>CO 5</b>	3	3	3	3	3	3	2	3
Weightage	15	15	14	15	15	14	14	15
Weighted percentage of course contribution to POS	3.0	3.0	2.8	3.0	2.8	3.0	2.8	3.00

**S-Strong-3 M-Medium-2 L-Low-**

**Level of Correlation between PSO's and CO's**

<b>CO /PO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	3	3	2	2	2
<b>CO2</b>	3	3	3	2	2
<b>CO3</b>	3	3	3	3	2
<b>CO4</b>	3	2	3	2	3
<b>CO5</b>	3	3	2	3	3
<b>Weightage</b>	15	14	13	12	12
<b>Weighted percentage of Course Contribution to PSOs</b>	3	2.8	2.6	2.4	2.4

**Strong-3 M-Medium-2 L-Low-1**

**SECOND YEAR-SEMESTER - IV**

Subject Code	Subject Name	Category	L	T	P	S	C r e d i t s	I n s t . H o u r s	Marks		
									C I A	E x t e r n a l	T o t a l
<b>U23CE8</b>	<b>INDIAN ECONOMY</b>	<b>Core-8</b>					4	4	25	75	100
Nature of the Course											
Relevant to Global need		Employability Oriented		✓			Addresses Professional Ethics				
Relevant to National need		Entrepreneurship Oriented					Addresses Gender Sensitization				
Relevant to Regional need		Skill Development Oriented					Addresses Environment and Sustainability				
Relevant to Local need							Addresses Human Values				
<b>Learning Objectives</b>											
C1	understand the features and issues of Indian economy and new economic policy										
C2	analyse the national income, poverty and human development and its method										
C3	equip conceptual foundations and macroeconomic concepts of Indian Economy										
C4	To describe the Trends in Production and Productivity in Agriculture										
C5	To know the importance of Foreign Trade for a Developing Economy										
<b>UNIT</b>	<b>Contents</b>										<b>No. of Hours</b>
I	<b>Introduction to Indian Economy</b> 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 (LPG) 1991 – NITI Aayog										12
II	<b>National Income, Poverty and Human Development Index</b> National Income – Sectoral Contributions and Economic Transition in India – Poverty and Inequality – Definition and Estimates, Gini Coefficient, Sen Index, Poverty Line - Income and Regional Inequalities: Causes and Measures, Unemployment: Nature and Extent, Measures – HDI – International Comparisons.										12
III	<b>Sectors of the Indian Economy</b> Indian Agriculture – Trends in Production and Productivity – Land Reforms – Green Revolution - Agricultural Pricing - Agricultural Marketing – Food Security - Industrial Development – Trends and Problems, MSMEs – Industrial Policy 1991 and Recent										12

Developments - Overview of Service and Financial Sectors in India – Importance – Expansion of Private Banks.		Programme Outcome
Course Outcomes		
IV	<b>Foreign Trade</b> On completion of this course, students will	12
1	Importance of Foreign Trade for a Developing Economy- Composition and Direction of India's Foreign Trade - highlight the changes.	PO1, PO2
2	Role of FDI and Foreign Institutional Investors- BOP Crisis - Discuss the major issues of Poverty, Inequality, India's Trade Policy.	PO6, PO8
V	<b>Fiscal Federalism</b> Unemployment, and Human Development in India in comparison to other countries	12
3	Principles of Federal Finance – Fiscal Federalism, in India – Provide a qualitative and quantitative overview of Functions and Sources of Revenue – Vertical and Horizontal	PO1, PO2, PO3
4	Imbalances – Finance Commission – Reports and its Recommendations. Describe the components of Foreign Trade and analyze India's Balance of Payments	PO1, PO2, PO3
<b>Total</b>		<b>60</b>
5	Identify various components of fiscal federalism in India	PO1, PO2
<b>Textbooks</b>		
1	Gaurav Datt and Ashwani Mahajan “Datt and Sundaram’s Indian Economy” S.Chand 72 <sup>nd</sup> Edition.	
2	Kaushik Basu (Ed.) (2012), Oxford Companion to Indian Economy, 3 <sup>rd</sup> Edition, OUP, New Delhi.	
3	Ramesh Singh, “Indian Economy”, Mc Graw Hill, 2022	
4	Sanjiv Verma, “The Indian Economy”, Unique Publication, 2022	
5	Dr. V.C Sinha, “Indian Economy Performance and Policies”, SBPD Publications, 2021	
<b>Reference Books</b>		
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	
4.	Ashima Goyal (Ed.) The Oxford Handbook of the Indian Economy in the 21 <sup>st</sup> Century: Understanding the Inherent Dynamism, Oxford University Press	
5.	K. R. Gupta, J. R. Gupta, “ Indian Economy”, Altanic, 2008	
<b>Web Resources</b>		
1.	<a href="http://www.niti.gov.in/">http://www.niti.gov.in/</a>	
2.	<a href="https://www.rbi.org.in/">https://www.rbi.org.in/</a>	
3.	<a href="https://hdr.undp.org/">https://hdr.undp.org/</a>	
4.	<a href="https://www.india.gov.in/">https://www.india.gov.in/</a>	
5.	<a href="https://www.cmie.com/">https://www.cmie.com/</a>	

**Mapping with Programme Outcomes:**

	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>
<b>CO 1</b>	3	3	3	3	3	3	3	3
<b>CO 2</b>	3	3	2	3	3	3	3	3
<b>CO 3</b>	3	3	3	3	2	3	3	3
<b>CO 4</b>	3	2	3	3	3	2	3	3
<b>CO 5</b>	3	3	3	3	3	3	2	3
Weightage	15	14	14	15	15	14	14	15
Weighted percentage of course contribution to POS	3.0	2.8	2.8	3.0	2.8	2.8	2.8	3.00

**S-Strong-3 M-Medium-2 L-Low-1**

**Level of Correlation between PSO's and CO's**

<b>CO /PO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	2	3	2	3	1
<b>CO2</b>	3	3	2	3	2
<b>CO3</b>	2	3	2	3	3
<b>CO4</b>	2	3	3	3	3
<b>CO5</b>	1	3	3	3	2
<b>Weightage</b>	10	15	12	15	11
<b>Weighted percentage of Course Contribution to PSOs</b>	2	3	2.4	3	2.2

**Strong-3 M-Medium-2 L-Low-1**

**SECOND YEAR-SEMESTER - IV**

Subject Code	Subject Name	Category	L	T	P	S	C r e d i t s	I n s t . H o u r s	Marks		
									C I A	E x t e r n a l	T o t a l
U23GE11	<b>RESEARCH METHODS IN ECONOMICS</b>	GEC-4					4	4	25	75	100
Nature of the Course											
Relevant to Global need		Employability Oriented		✓	Addresses Professional Ethics						
Relevant to National need		Entrepreneurship Oriented			Addresses Gender Sensitization						
Relevant to Regional need		Skill Development Oriented		✓	Addresses Environment and Sustainability						
Relevant to Local need					Addresses Human Values						
<b>Learning Objectives</b>											
C1	To understand the meaning and significance characteristics of scientific research										
C2	To know the formulation, selection of research problem and collection of reviews										
C3	To apply the various research design in the social science research										
C4	To enumerate the data and sampling methods										
C5	To discuss the report writing techniques and its procedures										
<b>UNIT</b>	<b>Contents</b>									<b>No. of Hours</b>	
I	<b>Introduction</b> Research: meaning and significance Characteristics of Scientific Research - Type of Research: Pure, Applied, Analytical, Exploratory, Descriptive, Surveys, Case-Study - Limitations of Social Science Research - Role of Computer Technology In Research.									12	
II	<b>Research Problem and Review of Literature</b> 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.									12	
III	<b>Research Design</b>									12	

	Research Design: Concept and Importance in Research – Features of a Good Research Design – Exploratory Research	
	Design – Descriptive Research Design – Experimental Design	
	<b>Course Outcomes</b>	<b>Programme Outcomes</b>
CO	Concept of Independent & Dependent variables.	
IV	<b>Data and Sampling Methods</b> Understand the overview of Social Science Research.	PO1, PO2, PO4
2	Data types: Qualitative and Quantitative - Sources of Primary and secondary data; Census - Sampling Methods: Probability and Non-Probability. Sampling Methods - Sampling and Economic Theory and address Policy Issues - Sampling and Non-Sampling Errors	PO1, PO2, PO4
3	Develop the Statistical Analysis to test Hypothesis and address Policy Issues - Sampling and Non-Sampling Errors	PO3, PO4
4	Know the sampling methods in Research.	PO1, PO2
V	<b>Hypothesis and Report Writing</b> Explain the hypothesis testing and Principles of Report Writing	PO2, PO3, PO4
	Hypothesis - Parameter and Statistic - Type I and Type II Errors - Level of Significance and Critical Region - Report Writing - Types and Principles of writing the Research Report	
1	Textbooks Krishnaswamy, O.R. (1993) Methodology of Research In Social Sciences, Himalaya publishing House.	Sciences,
	<b>Total</b>	<b>60 hours</b>
2	Kothari, C. R. (2004). Research Methodology: Methods and techniques. New Age International.	
3	Vinod Chandra, AnandHareendran, “Research methodology”, Pearson, 2017	
4	R.Pannerselvam, “Research Methodology”, PHI learning, 2014	
5	Ranjit Kumar, “Research Methodology”, Sage Publication, 2010	
<b>Reference Books</b>		
1.	Taylor, B., Sinha, G., & Ghoshal, T. (2006). Research methodology: A guide to for researchers in management and social sciences. PHI Learning Pvt.Ltd..	
2.	Bhandarkar, P. L., Wilkinson, T. S., & Laldas, D. K. (2010). Methodology & Techniques of Social Research. Himalaya Publishing House	
3.	Kumar, A. (2002). Research methodology in social science. Sarup & Sons	
4.	Daniel, P. S., & Sam, A. G. (2011). Research methodology. Gyan Publishing House	
5.	Ethridge, D. (2004). Research methodology in applied economics: organizing, planning, and conducting economic research, Blackwell publishing	
<b>Web Resources</b>		
1.	<a href="http://ignou.ac.in">http://ignou.ac.in</a>	
2.	<a href="http://egyankosh.ac.in">http://egyankosh.ac.in</a>	
3.	<a href="https://www.educba.com">https://www.educba.com</a>	
4.	<a href="https://research.com/research/how-to-write-research-methodology">https://research.com/research/how-to-write-research-methodology</a>	
5.	<a href="https://www.questionpro.com/blog/what-is-research/">https://www.questionpro.com/blog/what-is-research/</a>	

**Mapping with Programme Outcomes:**

	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>
<b>CO 1</b>	3	3	3	3	3	3	3	3
<b>CO 2</b>	3	3	2	3	3	3	3	3
<b>CO 3</b>	3	3	3	3	2	3	3	3
<b>CO 4</b>	3	3	3	3	3	2	3	3
<b>CO 5</b>	3	3	3	3	3	3	2	3
Weightage	15	15	14	15	15	14	14	15
Weighted percentage of course contribution to POS	3.0	3.0	2.8	3.0	2.8	2.8	2.8	3.00

**S-Strong-3 M-Medium-2 L-Low-1**

**Level of Correlation between PSO's and CO's**

<b>CO /PO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	2	2	2	2	1
<b>CO2</b>	2	2	2	2	3
<b>CO3</b>	3	3	2	3	3
<b>CO4</b>	1	2	2	3	3
<b>CO5</b>	2	2	1	2	3
<b>Weightage</b>	10	11	9	12	13
<b>Weighted percentage of Course Contribution to PSOs</b>	2	2.2	1.8	2.4	2.6

**Strong-3 M-Medium-2 L-Low-1**

**SECOND YEAR-SEMESTER – IV**

Subject Code	Subject Name	Category	L	T	P	S	C r e d i t s	I n s t · H o u r s	Marks		
									C I A	E x t e r n a l	T o t a l
U23GE12	<b>HEALTH ECONOMICS</b>	<b>GEC-4</b>					4	4	25	75	100
Nature of the Course											
Relevant to Global need		Employability Oriented		✓	Addresses Professional Ethics						
Relevant to National need		Entrepreneurship Oriented			Addresses Gender Sensitization						
Relevant to Regional need		Skill Development Oriented			Addresses Environment and Sustainability						
Relevant to Local need			Addresses Human Values								
<b>Learning Objectives</b>											
C1	understand the importance of health sector in economic development										
C2	evaluate the components of demand and supply of health care										
C3	To Understand the importance of Health Indicators.										
C4	To evaluate the components of Demand of Healthcare.										
C5	To examine the review the existing Health Infrastructure.										
<b>UNIT</b>	<b>Contents</b>									<b>No. of Hours</b>	
I	<b>Introduction to Health Economics</b> Health and Economic Development - Determinants of Health - Health Indicators – Birth Rate – Fertility – Morbidity – Mortality – IMR – CMR – MMR – Disability Adjusted Life Year (DALY) – Sex Ratio-Quality Adjusted Life Year (QALY) - Amartya Sen’s Capability Approach.									12	
II	<b>Demand for Health Care</b> Demand for Health Care Services – Preference for Health Care using Indifference Curves – Budget Constraints – Income and Price Effects for Health Care – Elasticity of Demand for Medical Care.									12	
III	<b>Supply of Health Care</b> Supply of Health Care Services – Physicians and Medical Personnel as Health Care Providers – Non Labour Inputs –									12	

	Hospitals – Interaction of Demand and Supply of Health Care.	
IV	<b>Health Infrastructure</b> Health Infrastructure – Rural – Urban –Government Programmes - Preventive, Promotive and Curative Health Care Services - Health Allocation in Budget	12
V	<b>Health Services and Medical Insurance</b> Health Insurance -Types of Insurance Policies in India- Medical Ethics -Medical Tourism.	12
	<b>Total</b>	<b>60</b>

Course Outcomes		Programme Outcomes
<b>Reference Books</b>		
CO	On completion of this course, students will	
1.	Understand the importance of Health Indicators.	PO1,PO2
2.	Evaluate the components of Demand of Healthcare.	PO3,PO6,PO8
3.	Analyze the importance of Supply of Healthcare Services.	PO2,PO6,
4.	Review the Existing Health Infrastructure and Budget Allocation.	Edition 1, PO1,PO2,PO8
4.	Trace the growth of Medical Tourism in India and	PO1,PO2,
5.	understand the need for Health Insurance.	PO3,PO4,
	was Allen Oken, "Principles in Health Economics and Policy", Oxford, 2017	PO1,PO2,
<b>Textbooks</b>		
1	Xamer Martinez Giralt (2010), "Principles of Health Economics", Routledge, 2010	
1.	<a href="http://www.census.org">www.census.org</a>	
2.	<a href="http://www.NEHS.org">www.NEHS.org</a>	
3.	<a href="http://www.NSSO.org">www.NSSO.org</a>	
4.	Banerjee, D. (1975), social and Cultural Foundations of Health Service Systems of India, Inquiry, Supplement to Vol. XII, June 1975	
5.	<a href="https://tnhealth.tn.gov.in/">https://tnhealth.tn.gov.in/</a> Jay Bhattacharya, Timothy Hyde and Peter Tu, "Health Economics", Palgrave Macmillian, 2014	
4	Peter Zweifel, Friedrich Breyer, Mathias Kifmann, "Health Economics, Springer Berlin Heidelberg, 2009	
5	Barbara McPake, Charles Normand, Charles E. M. Normand, "Health Economics: An International Perspective", Routlegde, 2008	

**Mapping with Programme Outcomes:**

	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>
<b>CO 1</b>	3	3	3	3	3	3	3	3
<b>CO 2</b>	3	3	2	3	3	3	3	3
<b>CO 3</b>	3	3	3	3	2	3	3	3
<b>CO 4</b>	3	2	3	3	3	2	3	3
<b>CO 5</b>	3	3	3	3	3	3	2	3
Weightage	15	14	14	15	15	14	14	15
Weighted percentage of course contribution to POS	3.0	2.8	2.8	3.0	3.8	2.8	2.8	3.00

**S-Strong-3 M-Medium-2 L-Low-1**

**Level of Correlation between PSO's and CO's**

<b>CO /PO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	3	3	1	3	1
<b>CO2</b>	2	2	2	2	2
<b>CO3</b>	2	3	2	3	2
<b>CO4</b>	3	3	3	3	2
<b>CO5</b>	3	3	2	3	3
<b>Weightage</b>	13	14	10	14	10
<b>Weighted percentage of Course Contribution to PSOs</b>	2.6	2.8	2	2.8	2

**Strong-3 M-Medium-2 L-Low-1**

**SECOND YEAR-SEMESTER - IV**

Subject Code	Subject Name	Category	L	T	P	S	C r e d i t s	I n s t . H o u r s	Marks		
									C I A	E x t e r n a l	T o t a l
U23SEE6	<b>BASIC ACCOUNTANCY</b>	<b>SEC-6</b>					2	2	25	75	100
Nature of the Course											
Relevant to Global need		Employability Oriented		✓	Addresses Professional Ethics						
Relevant to National need		Entrepreneurship Oriented			Addresses Gender Sensitization						
Relevant to Regional need		Skill Development Oriented		✓	Addresses Environment and Sustainability						
Relevant to Local need					Addresses Human Values						
<b>Learning Objectives</b>											
C1	provide an understanding on the basic concepts in Financial Accounting										
C2	equipped with basic knowledge about Tally.										
C3	To describe the Final Accounts and Balance Sheet Adjustment										
C4	To understand the bank Reconciliation Statement and its uses										
C5	To use the Tally Software and its applications										
<b>UNIT</b>	<b>Contents</b>									<b>No. of Hours</b>	
I	<b>Introduction to Accounting</b> Definition – Objectives – Functions- Advantages and Disadvantages- Single Entry Book Keeping and Double - Entry Book Keeping.									6	
II	<b>Accounting -Books and Records</b> Journal – Ledger- Subsidiary Book- Cash Book- Trial Balance – Meaning- Methods of Preparation – Errors- Classification of Errors- Rectification of Errors.									6	
III	<b>Final Accounts</b> Final Accounts- Preparation of Trading- Profit and Loss Account- Balance Sheet (Simple Adjustments).									6	
IV	<b>Bank Reconciliation Statement</b> Bank Reconciliation Statement – Need - Meaning- Method of Preparation of Bank Reconciliation Statement									6	

V	<b>Tally Software</b> Introduction to Accounting Package – Tally- Meaning, Features, Advantages, Data Entry, Formatting Data , Functional Keys and Simple Calculation- Tally: <b>(Theory for Exam)</b>	6
	<b>Total</b>	<b>30</b>

<b>Course Outcomes</b>		<b>Programme Outcomes</b>
CO	On completion of this course, students will	
1	Understand the Basic Concepts of Accounting and prepare Book keeping.	PO1,PO3
2	Make Journal and Ledger and Categorize the various subsidiary books of accounts and identify & rectify errors	PO1,PO3
3	Prepare Profit and loss account and Balance Sheet	PO1, PO2,PO3
4	Tabulate Bank Reconciliation Statement.	PO2,PO3
5	Apply Tally Software Package in Accounting	PO3,PO8
<b>Textbooks</b>		
1	Reddy. T.S and Hari Prasad Reddy. Y(2013) Financial and Management Accounting Margham Publications Chennai	
2	Reddy .T.S Murthy(2012) Financial Accounting Margham Publications Chennai	
3	RajniSofat, PreetiHiro,“Basic Accounting”, PHI Learning, 2010	
4	NishatAzmat, Andy Lymer, “Basic Accounting”, Mobius, 2016	
5	John J. Wild, Barbara Chiappetta, Ken Shaw, “Fundamental Accounting Principles”, Mc Graw Hill, 2016	
<b>Reference Books</b>		
1.	Mukesh Mahajan, P.S.Gills, V.P.Sharma and H.S.Punia(2001), Fundamentals of Accountancy, Unistar Books, Chandigarh.	
2.	Sundeeep Sharma (2004) Principles of Accounting, Shree Niwas Publication, Jaipur	
3.	Shukla M.C, T.S. Grawal and S.C. Gupta, (2018),Advanced Accounts,S.Chand and Company	
4.	Maheshwari S.N and Suneel.K.Maheshwari, (2018), Financial Accounting Vikas Publishing House.	
5.	GoyalV.K andRuchiGoyal, (2012), Financial Accounting, Prentice Hall India Learning Private Limited.	
<b>Web Resources</b>		
1.	<a href="https://www.accounting.com/resources/students/">https://www.accounting.com/resources/students/</a>	
2.	<a href="https://icmai.in">https://icmai.in</a> .	
3.	<a href="https://www.cipfa.org">https://www.cipfa.org</a>	
4.	<a href="https://www.accountingcoach.com/">https://www.accountingcoach.com/</a>	
5.	<a href="https://www.youtube.com/watch?v=OIItO9XwgHII">https://www.youtube.com/watch?v=OIItO9XwgHII</a>	

**Mapping with Programme Outcomes:**

	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>
<b>CO 1</b>	3	3	3	3	3	3	3	3
<b>CO 2</b>	3	3	2	3	3	3	3	3
<b>CO 3</b>	3	2	3	2	2	3	3	3
<b>CO 4</b>	3	3	3	3	3	2	3	3
<b>CO 5</b>	3	3	3	3	3	3	2	3
<b>Weightage</b>	15	14	14	14	15	14	14	15
<b>Weighted percentage of course contribution to POS</b>	3.0	2.8	2.8	2.8	2.8	2.8	2.8	3.00

**S-Strong-3 M-Medium-2 L-Low-1**

**Level of Correlation between PSO's and CO's**

<b>CO /PO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	2	2	3	2	1
<b>CO2</b>	2	2	3	2	2
<b>CO3</b>	3	2	3	2	2
<b>CO4</b>	2	2	3	2	2
<b>CO5</b>	2	2	3	2	2
<b>Weightage</b>	11	10	15	10	9
<b>Weighted percentage of Course Contribution to PSOs</b>	2.2	2	3	2	1.8

**S-Strong-3 M-Medium-2 L-Low-1**

**SECOND YEAR-SEMESTER - IV**

Subject Code	Subject Name	Category	L	T	P	S	C r e d i t s	I n s t . H o u r s	Marks		
									C I A	E x t e r n a l	T o t a l
U23SEE7	<b>MODERN BANKING AND INSURANCE</b>	SEC-7					2	2	25	75	100
Nature of the Course											
Relevant to Global need		Employability Oriented	✓	Addresses Professional Ethics							
Relevant to National need		Entrepreneurship Oriented		Addresses Gender Sensitization							
Relevant to Regional need		Skill Development Oriented	✓	Addresses Environment and Sustainability							
Relevant to Local need				Addresses Human Values							
<b>Learning Objectives</b>											
C1	To discern the modern banking and insurance course										
C2	To enables the learners understand new financial instruments and banking practices										
C3	To know the role of insurance in economic development										
C4	To understand the insurance contract and risk management										
C5	To know the Major Insurance Legislation in India and its growth										
<b>UNIT</b>	<b>Contents</b>									<b>No. of Hours</b>	
I	<b>Banking</b> Commercial Banks- Functions of Commercial Banks- Private and Public Sector Banks- Credit Creation - Commercial Banks's role- Payment Banks- functions- Digital Banking-Tools – Methods									6	
II	<b>Central Banks</b> Functions of a Central Bank – Objectives of Monetary Policy – Effects and Limitations –Narasimhan Committee Report.									6	
III	<b>Introduction to Insurance</b> Insurance: Meaning and Types- Role of Insurance in Economic Development -Saving and Investment Aspects – Social Vs Private Insurance: Life Vs Non-Life Insurance. Classification of Life, Health and General Insurance Policies.									6	
IV	<b>Insurance Contract and Risk Management</b>									6	

	Meaning of contract- Insurable Interest- Utmost good faith- Principle of Indemnity and other Principles-Risk Management: Definition and Types- Management of Risk through Identification Analysis and Control.	
V	<b>Insurance Business in India</b> Major Insurance Legislation- Growth of Industry- Agricultural Insurance- Health Insurance- Reinsurance- Entry of Private Insurance Companies- Insurance Act. LIC Act, GIC Act. IRDA Act.	6
	<b>Total</b>	<b>30</b>

<b>Course Outcomes</b>		<b>Programme Outcome</b>
CO	On completion of this course, students will	
1	Recollect the financial tools and methods of banking operations	PO1,PO2
2	Understand and describe the central banking operations.	PO1,PO2
3	Explain various types of insurances in Practice	PO1, PO4
4	Evaluate the insurance policies and recommend the right policies for use.	PO1, PO2,PO4,PO 7
5	Evaluate the macro level implications of the various insurances.	PO1,PO3,PO 8
<b>Textbooks</b>		
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	
<b>Reference Books</b>		
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..	
<b>Web Resources</b>		
1.	<a href="https://www.irdai.gov.in">https://www.irdai.gov.in</a>	
2.	<a href="https://rbi.org.in">https://rbi.org.in</a>	
3.	<a href="https://www.studocu.com">https://www.studocu.com</a>	
4.	<a href="https://www.indiapost.gov.in/Financial/Pages/Content/pli.aspx">https://www.indiapost.gov.in/Financial/Pages/Content/pli.aspx</a>	
5.	<a href="https://licindia.in/">https://licindia.in/</a>	

**Mapping with Programme Outcomes:**

	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>
<b>CO 1</b>	3	3	3	3	3	3	3	3
<b>CO 2</b>	3	3	2	3	3	3	3	3
<b>CO 3</b>	3	3	3	2	2	3	3	3
<b>CO 4</b>	3	3	3	3	3	2	3	3
<b>CO 5</b>	3	3	3	3	3	3	2	3
Weightage	15	15	14	14	15	14	14	15
Weighted percentage of course contribution to POS	3.0	3.0	2.8	2.8	2.8	2.8	2.8	3.00

**S-Strong-3 M-Medium-2 L-Low-1**

**Level of Correlation between PSO's and CO's**

<b>CO /PO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	3	3	3	3	2
<b>CO2</b>	3	3	3	2	2
<b>CO3</b>	2	2	3	3	2
<b>CO4</b>	3	3	3	3	3
<b>CO5</b>	3	3	3	2	2
<b>Weightage</b>	14	14	15	13	11
<b>Weighted percentage of Course Contribution to PSOs</b>	2.8	2.8	3	2.6	2.2

**S-Strong-3 M-Medium-2 L-Low-1**

**THIRD YEAR - SEMESTER-V**

Subject Code	Subject Name	Category	L	T	P	S	C r e d i t s	I n s t . H o u r s	Marks		
									C I A	E x t e r n a l	T o t a l
U23CE9	MONETARY ECONOMICS	Core -9					4	6	25	75	100
Nature of the Course											
Relevant to Global need		Employability Oriented		✓	Addresses Professional Ethics						
Relevant to National need		Entrepreneurship Oriented			Addresses Gender Sensitization						
Relevant to Regional need		Skill Development Oriented			Addresses Environment and Sustainability						
Relevant to Local need			Addresses Human Values								
<b>Learning Objectives</b>											
C1	To understand the theories that governs and its application										
C2	To explain working of the Monetary System and its uses										
C3	To know the Role of Commercial Banks after Nationalisation and its operations										
C4	To compare the monetarism and Keynesianism										
C5	To identify the role of central banks and its operations										
<b>UNIT</b>	<b>Contents</b>									<b>No. of Hours</b>	
I	<b>Money</b> Definition, functions, Importance-Forms of Money- Supply of Money (M1, M2, M3, M4)-Crypto Currencies.									15	
II	<b>Demand for Money</b> Demand for Money: Classical, Keynesian and Baumol's Inventory theoretic Approach- James Tobin's Portfolio Approach - Milton Friedman's Reformulated Quantity Theory.									20	
III	<b>Monetarism Vs Keynesianism</b> Monetarism Vs Keynesianism- Comparison- Determinants of Money Supply – Money Multiplier. Supply Side Policies of Inflation.									15	
IV	<b>Commercial Banks</b>									20	

	Commercial Banks - Credit Creation – Role of Commercial Banks after Nationalisation- RBI’s role in Commercial Banks -Narasimhan Committee Report.	
V	<b>Monetary Stability and Central Bank</b> Inflation and Deflation: Definition, Types, Causes and Effects- Demand-Pull and Cost-Push Inflation- Central Bank Functions - Reserve Bank of India (RBI) -Monetary Policy and its Operations in India.	20
	<b>Total</b>	<b>90</b>

<b>Course Outcomes</b>		<b>Programme Outcomes</b>
CO	On completion of this course, students will	
1	Acquire knowledge of Money and its Functions.	PO1,PO2
2	Understand the Demand for Money and its Determinants.	PO1,PO2
3	Acquire information on Supply of Money and its Determinants.	PO1,PO2
4	Understand operations of Commercial Banks and Money Multiplier.	PO1,PO2,PO3
5	Identify the Monetary Policy Implications	PO1,PO2,PO8
<b>Textbooks</b>		
1	Gupta R.D. (1995), Keynes and Post Keynesian Economics, Kalyani Publishers, New Delhi.	
2	Jhingan M. L. (2004), Monetary Economics, Konark Publication, New Delhi.	
3	JagdishHanda, "Monetary Economics", Talyor& Francis, 2008	
4	L. Blume, Steven Durlauf, "Monetary Economics", Palgrave Macmillan, 2016	
5	Keith Bain, Peter Howells, "Monetary Economics:Policy and Its Theoretical Basis"", Macmillan, 2009	
<b>Reference Books</b>		
1.	Vaish M.C. (2004), Money, Banking and International Trade, New Age International (P) Ltd, New Delhi.	
2.	Sundaram K.P.M. (1996), Money, banking and International Trade, Vikas, New Delhi.	
3.	Basil J. Moore (1965), An Introduction to the theory of Finance, Oxford University Press.	
4.	Sethi, T.T. (2003). Monetary Economics: S. Chand and Co., New Delhi	
5.	Ghosh, B.N. and Rama Ghosh. (1989). Fundamentals of Monetary Economics, Himalaya Publishing House, Mumbai	
<b>Web Resources</b>		
1.	<a href="http://www.rbi.org.in">www.rbi.org.in</a>	
2.	<a href="https://www.imf.org">https://www.imf.org</a>	
3.	<a href="https://www.oecd.org">https://www.oecd.org</a>	
4.	<a href="https://www.bis.org/publ/work437.pdf">https://www.bis.org/publ/work437.pdf</a>	
5.	<a href="https://www.worldbank.org/">https://www.worldbank.org/</a>	

**Mapping with Programme Outcomes:**

	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>
<b>CO 1</b>	3	3	3	3	3	3	3	3
<b>CO 2</b>	2	3	3	3	3	3	3	3
<b>CO 3</b>	3	3	3	2	2	3	3	3
<b>CO 4</b>	3	3	3	3	3	2	3	3
<b>CO 5</b>	3	3	3	3	3	3	2	3
Weightage	14	15	14	14	15	14	14	15
Weighted percentage of course contribution to POS	2.8	3.0	3.0	2.8	2.8	2.8	2.8	3.00

**S-Strong-3 M-Medium-2 L-Low-1**

**Level of Correlation between PSO's and CO's**

<b>CO /PO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	3	3	3	3	2
<b>CO2</b>	3	2	3	2	2
<b>CO3</b>	3	2	3	2	2
<b>CO4</b>	3	2	3	2	2
<b>CO5</b>	3	3	3	3	3
<b>Weightage</b>	15	12	15	12	11
<b>Weighted percentage of Course Contribution to PSOs</b>	3	2.4	3	2.4	2.2

**S-Strong-3 M-Medium-2 L-Low-1**

**THIRD YEAR - SEMESTER-V**

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks																								
									CI	Ext	Total																						
<b>U23CE10</b>	<b>FISCAL ECONOMICS</b>	<b>Core -10</b>					4	5	25	75	100																						
Nature of the Course																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">Relevant to Global need</td> <td style="width: 25%;"></td> <td style="width: 25%;">Employability Oriented</td> <td style="width: 25%; text-align: center;">✓</td> <td style="width: 25%;">Addresses Professional Ethics</td> <td style="width: 25%;"></td> </tr> <tr> <td>Relevant to National need</td> <td></td> <td>Entrepreneurship Oriented</td> <td></td> <td>Addresses Gender Sensitization</td> <td></td> </tr> <tr> <td>Relevant to Regional need</td> <td></td> <td rowspan="2">Skill Development Oriented</td> <td rowspan="2"></td> <td>Addresses Environment and Sustainability</td> <td></td> </tr> <tr> <td>Relevant to Local need</td> <td></td> <td>Addresses Human Values</td> <td></td> </tr> </table>												Relevant to Global need		Employability Oriented	✓	Addresses Professional Ethics		Relevant to National need		Entrepreneurship Oriented		Addresses Gender Sensitization		Relevant to Regional need		Skill Development Oriented		Addresses Environment and Sustainability		Relevant to Local need		Addresses Human Values	
Relevant to Global need		Employability Oriented	✓	Addresses Professional Ethics																													
Relevant to National need		Entrepreneurship Oriented		Addresses Gender Sensitization																													
Relevant to Regional need		Skill Development Oriented		Addresses Environment and Sustainability																													
Relevant to Local need				Addresses Human Values																													
<b>Learning Objectives</b>																																	
C1	enable students to acquire Knowledge on the various facets of Fiscal Economics.																																
C2	illustrates various theories of fiscal economics and its applications																																
C3	To describes the budget process and features of a good tax system																																
C4	To analyse the trends in public expenditure and debt management																																
C5	To evaluate the Budget of the Government of India, central and state relation																																
<b>UNIT</b>	<b>Contents</b>										<b>No. of Hours</b>																						
I	<b>Introduction</b> Fiscal Economics: Nature, Scope, Objectives and Instruments -Major Fiscal Functions - Market Failure: Public Goods and Private Goods, Externalities, Efficiency Versus Equity- Principles of Functional Finance.										15																						
II	<b>Theories of Fiscal Economics and Policy</b> Principle of Maximum Social Advantage -The Benefit Approach- The Ability-to- Pay Approach-Equal Sacrifice Principle- Fiscal Policy and its Instruments.										14																						
III	<b>Budget and Taxation</b> Role of Government in a Modern Economy- Public Budget: Types and Structure - Taxation -Features of a Good Tax System- Direct and Indirect Taxes -Concept of Impact- Incidence and Shifting of										16																						

	Taxation-Elasticity and Determination of Tax Burden - Optimal Taxation.	
IV	<b>Public Expenditure and Debt</b> Public Expenditure: Canons and Classification -Wagner’s Law of Public Expenditure- Public Debt: Meaning and Types, Burden of Public Debt-Principles of Public Debt Management– Deficit Financing.	15
V	<b>Indian Public Finance</b> Budget of the Government of India (Previous Financial Year)-Sources of Public Receipts (Tax and Non-Tax, GST and its Impacts)-Components of Public Expenditure-Sources of Public Borrowing and Debt Liabilities-Deficits-Appraisal of FRBM Act 2004-Fiscal Federalism: Centre and State Relations -Finance Commission Recommendations of Last 3 years.	15
	<b>Total</b>	<b>75</b>

<b>Course Outcomes</b>		<b>Programme Outcome</b>
CO	On completion of this course, students will	
1	Understand the importance and Instruments of Fiscal Economics.	PO1,PO2
2	Evaluate the Principles and theories of Public Finance.	PO2
3	Analyze the Budget, Indian Tax System and Policy.	PO2,PO3
4	Describe Classification, Laws of Public Expenditure and Public Debt.	PO1,PO2
5	Know the Indian Public Finance System and Policy Recommendations.	PO1,PO3,PO7
<b>Textbooks</b>		
1	Bhatia H.L., (2012), Public Finance, Vikas Publications.	
2	Tyagi B.P and H.P.Singh(2018) “ Public Finance” Jai Prakash Nath& Co ,Meerut	
3	Dr. S.K Singh, “Public Finance in theory and Practice”, S. Chand Publishing, 2008	
4	Lekhi, “Public Finance”, Kalyani Publishers, 2015.	
5	Richard. A. Musgrave & Peggy B. Musgrave, “Public Finance in Theory and Practices”, McGraw Hill International Edition, New York,2006.	
<b>Reference Books</b>		
1.	Harvey Rosen, (2005), Public Finance, Seventh Edition, McGraw Hill Publications.	
2.	Kaushik Basu and Maertens (Ed), (2013), The New Oxford Companion to Economics in India, Oxford University Press.	
3.	Sury M.M., (1990), Government Budgeting in India, Commonwealth Publishers.	
4.	Andley and Sundaram. (2004). Public Finance, RatanPrakashan, Agra.	
5.	Mu Raja J. Chelliah, “Fiscal Policy in Underdeveloped Countries”, Allen and Moowbray Limited at the Alden Press Oxford, II Edition,2012.	
<b>Web Resources</b>		
1.	<a href="https://finmin.nic.in/">https://finmin.nic.in/</a>	
2.	<a href="https://www.nipfp.org.in/">https://www.nipfp.org.in/</a>	
3.	<a href="https://www.niti.gov.in/">https://www.niti.gov.in/</a>	
4.	<a href="https://www.gst.gov.in/">https://www.gst.gov.in/</a>	
5.	<a href="https://www.indiabudget.gov.in/">https://www.indiabudget.gov.in/</a>	

**Mapping with Programme Outcomes:**

	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>
<b>CO 1</b>	3	3	3	3	3	3	3	3
<b>CO 2</b>	3	3	3	3	3	3	3	3
<b>CO 3</b>	3	2	3	2	2	3	3	3
<b>CO 4</b>	3	3	3	3	3	2	3	3
<b>CO 5</b>	3	3	3	3	3	3	2	3
<b>Weightage</b>	15	14	14	14	15	14	14	15
<b>Weighted percentage of course contribution to POS</b>	3.0	2.8	3.0	2.8	2.8	2.8	2.8	3.00

**S-Strong-3 M-Medium-2 L-Low-1**

**Level of Correlation between PSO's and CO's**

<b>CO /PO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	3	3	3	3	3
<b>CO2</b>	2	2	3	3	2
<b>CO3</b>	3	3	3	2	3
<b>CO4</b>	2	2	2	2	1
<b>CO5</b>	3	3	2	3	2
<b>Weightage</b>	13	13	13	13	10
<b>Weighted percentage of Course Contribution to PSOs</b>	2.6	2.6	2.6	2.6	2

**S-Strong-3 M-Medium-2 L-Low-1**

**THIRD YEAR - SEMESTER-V**

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CI	Ext	Total
U23CE11	<b>INDUSTRIAL ECONOMICS</b>	<b>Core-1</b>					4	5	25	75	100
Nature of the Course											
Relevant to Global need		Employability Oriented	✓	Addresses Professional Ethics							
Relevant to National need		Entrepreneurship Oriented		Addresses Gender Sensitization							
Relevant to Regional need		Skill Development Oriented		Addresses Environment and Sustainability							
Relevant to Local need				Addresses Human Values							
<b>Learning Objectives</b>											
C1	discuss the Features, Performance and development issues of the Indian Economy										
C2	To analyse the various theories of Industrial Location.										
C3	To know the licensing policies and industrial sickness										
C4	To describe the growth Patterns in Indian Industrial Sector.										
C5	To observe the trends and prospects of industrial growth in India										
<b>UNIT</b>	<b>Contents</b>								<b>No. of Hours</b>		
I	<b>Introduction</b> Nature and scope of Industrial Economics - History of Industrial Revolution -Digital Revolution -Classification of Industries: Public Sector, Private Sector and Public Private Partnerships- Large, MSMEs, Cottage Industries- Concept of Plant, Firm and Industry.								15		
II	<b>Theories of Location</b> Theories of Industrial Location - Weber - Sargant Florence - Factors Affecting Location-Localization -Glocalization of Industries – Decentralization of Industries-Industrial Efficiency and Economic Efficiency- Measures of Concentration - Concentration ratio - Hirschman - Herfindahl Index.								16		
III	<b>Industrial Licensing and Policies</b> Industrial Licensing – MRTP Act – Industrial Policies -Industrial Productivity -Capacity Utilization - Industrial								14		

	Sickness- Mergers and Acquisitions – Profitability and Efficiency.	
IV	Industrial Regions of the World and India -Industrial Clusters in India- Sunrise Sector- Regional Backwardness- Government Initiatives.	15
V	<b>Growth Trends in India</b> Industrial Growth in India: Trends and Prospects – Incentives to Promote Industrialization – Ease of Doing Business Ranking - MNCs in India -Special Economic Zones- FDI Policy- Make in India Initiative- National Manufacturing Policy.	15
	<b>Total</b>	<b>75</b>

<b>Course Outcomes</b>		<b>Programme Outcomes</b>
CO	On completion of this course, students will	
1.	Understand the importance of Industrial Economics	PO1,PO2
2.	Examine theories of industrial Location	PO2,PO3
3.	Review the relevance of Industrial Policies	PO1,PO2,PO3
4.	Describe the Industrial belts of the World and India	PO2,PO2
5.	Analyse the Industrial Trends in the Indian Economy.	PO2,PO3
<b>Textbooks</b>		
1.	RanjanaSeth . (2010) Industrial Economics Ane’s Student Edition.	
2.	Barthwal R.R (2007) Industrial Economics An Introductory Textbook,New Age International Publishers	
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, 1998	
<b>Reference Books</b>		
1.	John Weiss (2011) The Economics of Industrial Development, Routledge	
2.	Kuchhal, S. C. Industrial Economy of India, Chaitanya Publishing House, Allahabad (1980)	
3.	Dhingra I.C and Nitin Dhingra (2013) Industrial Economics Book Age Publications	
4.	Martin, S., (2001)Advanced Industrial Economics, 2nd Edition, Wiley-Blackwell	
5.	Paul Belleflameet.l“The theory of Industrial Organisation- Markets and Strategies”, Cambridge University Press, 2012	
<b>Web Resources</b>		
1.	<a href="https://www.india.gov.in/topics/industries">https://www.india.gov.in/topics/industries</a>	
2.	<a href="https://business.mapsofindia.com/india-industry">https://business.mapsofindia.com/india-industry</a>	
3.	<a href="https://dpiit.gov.in/">https://dpiit.gov.in/</a>	
4.	<a href="https://dri.nic.in/">https://dri.nic.in/</a>	
5.	<a href="https://msme.gov.in/">https://msme.gov.in/</a>	

**Mapping with Programme Outcomes:**

	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>
<b>CO 1</b>	3	3	3	3	3	3	3	3
<b>CO 2</b>	3	3	3	3	3	3	3	3
<b>CO 3</b>	3	2	3	3	2	3	3	3
<b>CO 4</b>	3	3	3	3	3	3	3	3
<b>CO 5</b>	3	3	3	3	3	3	2	3
<b>Weightage</b>	15	14	15	15	15	15	14	15
<b>Weighted percentage of course contribution to POS</b>	3.0	2.8	3.0	3.0	2.8	3.0	2.8	3.00

**S-Strong-3 M-Medium-2 L-Low-1**

**Level of Correlation between PSO's and CO's**

<b>CO /PO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	3	3	2	2	3
<b>CO2</b>	3	3	2	2	3
<b>CO3</b>	3	3	2	3	3
<b>CO4</b>	2	3	2	3	3
<b>CO5</b>	3	3	2	3	3
<b>Weightage</b>	14	15	10	13	15
<b>Weighted percentage of Course Contribution to PSOs</b>	2.8	3	2	2.6	3

**S-Strong-3 M-Medium-2 L-Low-1**

**THIRD YEAR - SEMESTER-V**

Subject Code	Subject Name	Category	L	T	P	S	C r e d i t s	I n s t . H o u r s	Marks																								
									C I A	E x t e r n a l	T o t a l																						
U23CE1 2	<b>ENVIRONMENTAL ECONOMICS</b>	<b>Core -12</b>					4	4	25	75	100																						
Nature of the Course																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">Relevant to Global need</td> <td style="width: 10%;"></td> <td style="width: 30%;">Employability Oriented</td> <td style="width: 10%; text-align: center;">✓</td> <td style="width: 25%;">Addresses Professional Ethics</td> <td style="width: 10%;"></td> </tr> <tr> <td>Relevant to National need</td> <td></td> <td>Entrepreneurship Oriented</td> <td></td> <td>Addresses Gender Sensitization</td> <td></td> </tr> <tr> <td>Relevant to Regional need</td> <td></td> <td rowspan="2">Skill Development Oriented</td> <td rowspan="2"></td> <td>Addresses Environment and Sustainability</td> <td style="text-align: center;">✓</td> </tr> <tr> <td>Relevant to Local need</td> <td></td> <td>Addresses Human Values</td> <td></td> </tr> </table>												Relevant to Global need		Employability Oriented	✓	Addresses Professional Ethics		Relevant to National need		Entrepreneurship Oriented		Addresses Gender Sensitization		Relevant to Regional need		Skill Development Oriented		Addresses Environment and Sustainability	✓	Relevant to Local need		Addresses Human Values	
Relevant to Global need		Employability Oriented	✓	Addresses Professional Ethics																													
Relevant to National need		Entrepreneurship Oriented		Addresses Gender Sensitization																													
Relevant to Regional need		Skill Development Oriented		Addresses Environment and Sustainability	✓																												
Relevant to Local need				Addresses Human Values																													
<b>Learning Objectives</b>																																	
C1	understand the theoretical basis of Environmental Economics																																
C2	To choose the relevant economic tools to improve Environmental Quality																																
C3	To describe the Environment as a Public Good and market failure theories																																
C4	To doctrine the various methods of environmental valuation and its uses																																
C5	To know the regulation of Pollution through Economic Instruments																																
<b>UNIT</b>	<b>Contents</b>									<b>No. of Hours</b>																							
I	<b>Fundamentals of Environmental Economics</b> Definition, Scope and Significance - Environment – Economy Linkages – Material Balance Approach - Malthusian and Neoclassical perspective of Environment - Sustainable Development - Environment Kuznets Curve.									12																							
II	<b>Economics of Natural Resources</b> Classification of Natural Resources - Scarcity and Measurement - Economics of Exhaustible Resources - Economics of Renewable Resources.									12																							
III	<b>Market Failure</b> Environment as a Public Good - Tragedy of Commons-Externalities - Pigouvian Fee and Coase theorem on Property Rights.									12																							
IV	<b>Valuation of Environment</b>									12																							

	Total Economic Value - Contingent Valuation Method – Stated Preference - Travel Cost Model - Hedonic Pricing - Economics of Sustainable Development - Green Accounting – Ecological Footprint, Carbon Footprint, Ecological Shadow.	
V	<b>Economics of Pollution Control</b> Optimal level of Pollution - Regulation of Pollution through Economic Instruments - Command and Control Approach.	12
	<b>Total</b>	<b>60</b>

<b>Course Outcomes</b>		<b>Programme Outcomes</b>
CO	On completion of this course, students will	
1	Have a better understanding of Environment-Economy Linkages.	PO1, PO2,PO5
2	Apply environmental concepts to Economic Theories.	PO2,PO3
3	Create economic policies incorporating Environmental Issues.	PO5, PO7
4	Analyse the methods to value Environment Pollution.	PO2,PO3
5	Evaluate the need for reduction of Pollution.	PO2,PO7
<b>Textbooks</b>		
1	Karpagam. M, (2017), Environmental Economics–Third Edition, Sterling Publication Pvt. Ltd, Noida.	
2	Nick Hanley, Jason Shogren and Ben White, (2013), Introduction to Environmental Economics, Second Edition, Oxford University Press, Oxford.	
3	Eugene .T Environmental Economics, Oxford University Press, New Delhi. (2014),	
4	Hanley N, Shogren JF, White B “Environmental Economics in Theory and Practice”, 2nd Edition. Palgrave Macmillan, 2007	
5	Kolstad, Charles D, (2000), Environmental Economics, New York: Oxford University Press,	
<b>Reference Books</b>		
1.	Maureen L. Cropper and Wallace E. Oates, “Environmental Economics: A Survey”, Journal of Economic Literature, Volume 30, 1992,	
2.	Barry C. Field, (1994)Environmental Economics: An Introduction, Singapore, McGraw-Hill,	
3.	Hussen, Ahmed.M.( 1999), Principles of Environmental Economics: Economics, Ecology and Public Sector. London: Routledge.	
4.	Dr.S.Sankaran(2012) Environmental Economics Margham Publications.	
5.	Mark Maslin(2014) “Climate Change: A Very Short Introduction 3 <sup>rd</sup> Edition Oxford University Press.	
<b>Web Resources</b>		
1.	<a href="https://unfccc.int/">https://unfccc.int/</a>	
2.	<a href="https://www.undp.org/">https://www.undp.org/</a>	
3.	<a href="http://moef.nic.in/">http://moef.nic.in/</a>	
4.	<a href="https://www.envis.nic.in">https://www.envis.nic.in</a>	
5.	<a href="https://www.unep.org">https://www.unep.org</a>	

**Mapping with Programme Outcomes:**

	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>
<b>CO 1</b>	3	3	3	3	3	3	3	3
<b>CO 2</b>	3	3	3	3	3	3	3	3
<b>CO 3</b>	3	2	3	2	2	3	3	3
<b>CO 4</b>	3	3	3	3	3	2	3	3
<b>CO 5</b>	3	3	3	3	3	3	2	3
<b>Weightage</b>	15	14	15	14	15	14	14	15
<b>Weighted percentage of course contribution to POS</b>	3.0	2.8	3.0	2.8	2.8	2.8	2.8	3.00

**S-Strong-3 M-Medium-2 L-Low-1**

**Level of Correlation between PSO's and CO's**

<b>CO /PO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	3	3	2	2	3
<b>CO2</b>	3	3	2	2	3
<b>CO3</b>	3	3	2	3	3
<b>CO4</b>	2	3	2	3	3
<b>CO5</b>	3	3	2	3	3
<b>Weightage</b>	14	15	10	13	15
<b>Weighted percentage of Course Contribution to PSOs</b>	2.8	3	2	2.6	3

**S-Strong-3 M-Medium-2 L-Low-1**

**THIRD YEAR - SEMESTER-V**

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
<b>U23DE01</b>	<b>TAMIL NADU ECONOMY</b>	<b>DSEC-1</b>					3	4	25	75	100
<b>Nature of the Course</b>											
Relevant to Global need		Employability Oriented	✓	Addresses Professional Ethics							
Relevant to National need		Entrepreneurship Oriented		Addresses Gender Sensitization							
Relevant to Regional need	✓	Skill Development Oriented		Addresses Environment and Sustainability							
Relevant to Local need				Addresses Human Values							
<b>Learning Objectives</b>											
C1	discuss the Features, Performance and development issues of Tamil Nadu Economy										
C2	To analyse the agricultural and industrial scenario in Tamil Nadu										
C3	To understand the industrial scenario in tamilnadu and its growth										
C4	To know the general performance of the tamilnadu										
C5	To describe the state finances and its development initiatives										
<b>UNIT</b>	<b>Contents</b>									<b>No. of Hours</b>	
I	<b>Introduction</b> Tamil Nadu–Salient features–Geographical Features – Economic and Social Indicators –Human Development – Index Rank–Gender Disparity Index–Poverty Index –Work Participation Rate – Unemployment Rate – Literacy Rate– Life Expectancy – Demography and Occupational Patterns.									12	
II	<b>Agriculture</b> Agriculture–Land Use Patterns– Cropping Pattern–Irrigation - Agricultural Marketing – Defects and Remedial measures – Agricultural Finance – Policy and Issues –Crop Insurance.									12	
III	<b>Industry</b>									12	

	Industrial Scenario in Tamil Nadu – Production Trends—Large Industries- MSMEs –Khadi and Village Industries – Export	
	Contribution of top 5 Major Industries - Industrial Financial Institutions: TIIC, SIDCO, SIPCOT, Industrial Estates-DIC, EPZ,	Programme Outcomes
CO	On completion of this course, students will	
IV	Understand salient features, Poverty, Unemployment of Tamil Nadu Economy	12 PO1,PO2
2	Examine the Issues in Indian Agriculture, Land Use Patterns, Finance and Insurance	Tamil Nadu's Recent Budget – Poverty Alleviation and Unemployment PO2,PO3
3	Grasp the Industrial Scenario in Tamil Nadu	Programmes – Education and Health Care and State Welfare PO1,PO7,PO8
4	Describe the Status of State Finances and Development Programmes of Tamil Nadu	PO2,PO3 12
V	Analyse the overall performance of Tamil Nadu Economy.	12 PO3,PO7,PO8
5	Programme – Self Help Groups and Micro Finance-Mahali Thittam - Environmental Protection Measures.	
1	Leonard A.G,S.J, (2006), Tamil Nadu Economy, Macmillan India Ltd, New Delhi	
2	Nagamathan M (2002), Tamil Nadu Economy: Trends and Prospects,(ed.), University of Madras.	
3	Rajalakshmi N, (1999), 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,1985	
<b>Reference Books</b>		
1.	Veeramani A.R., Tamil Nadu Agricultural Economy,Divyasre Publication,2015	
2.	Manickam.S, (2010), Tamil Nadu – An Economic Appraisal, Department of Evaluation and Applied Research, Panorama of Indian Economy.	
3.	Madras Institute of Development Studies, (1988), Tamil Nadu Economy: Performance and Issues, Oxford and IBH Publishing Company Pvt. Ltd., New Delhi	
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.	
5.		
<b>Web Resources</b>		
1.	<a href="http://www.tn.gov.in">www.tn.gov.in</a>	
2.	<a href="http://tnenvis.nic.in/">http://tnenvis.nic.in/</a>	
3.	<a href="https://www.msmeonline.tn.gov.in/">https://www.msmeonline.tn.gov.in/</a>	
4.	<a href="https://ctd.tn.gov.in">https://ctd.tn.gov.in</a>	
5.	<a href="https://www.tamilnadutourism.tn.gov.in">https://www.tamilnadutourism.tn.gov.in</a>	

**Mapping with Programme Outcomes:**

	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>
<b>CO 1</b>	3	3	3	3	3	3	3	3
<b>CO 2</b>	3	3	3	3	3	3	3	3
<b>CO 3</b>	2	2	3	2	2	3	3	3
<b>CO 4</b>	3	3	3	3	3	3	3	3
<b>CO 5</b>	3	3	3	3	3	3	2	3
<b>Weightage</b>	14	14	14	14	15	14	14	15
<b>Weighted percentage of course contribution to POS</b>	2.8	2.8	3.0	2.8	2.8	3.0	2.8	3.00

**S-Strong-3 M-Medium-2 L-Low-1**

**Level of Correlation between PSO's and CO's**

<b>CO /PO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	3	3	2	3	3
<b>CO2</b>	3	3	2	3	3
<b>CO3</b>	3	3	3	3	2
<b>CO4</b>	3	3	2	3	3
<b>CO5</b>	3	3	2	3	3
<b>Weightage</b>	15	15	11	15	14
<b>Weighted percentage of Course Contribution to PSOs</b>	3	3	2.2	3	2.8

**S-Strong-3 M-Medium-2 L-Low-1**

**THIRD YEAR - SEMESTER-V**

Subject Code	Subject Name	Category	L	T	P	S	C r e d i t s	I n s t . H o u r s	Marks		
									C I A	E x t e r n a l	T o t a l
U23DE02	MANAGERIAL ECONOMICS	DSEC-1					3	4	25	75	100
Nature of the Course											
Relevant to Global need		Employability Oriented	✓	Addresses Professional Ethics							
Relevant to National need		Entrepreneurship Oriented		Addresses Gender Sensitization							
Relevant to Regional need		Skill Development Oriented	✓	Addresses Environment and Sustainability							
Relevant to Local need				Addresses Human Values							
<b>Learning Objectives</b>											
C1	develop analytical and problem-solving skills among the students.										
C2	To enable students to Capital Budgeting and its concepts.										
C3	To understand the cost controls measures and its uses										
C4	To know the Demand for Durable and Non-Durable Products										
C5	To familiarize students of Pricing Policies and its Practices.										
<b>UNIT</b>	<b>Contents</b>									<b>No. of Hours</b>	
I	<b>Introduction</b> Nature and Scope of Managerial Economics - Meaning - Characteristics- Importance-Role and Responsibilities of Managerial Economist – Basic Economic Tools in Managerial Economics.									12	
II	<b>Demand, Cost and Profit Analysis</b> Demand for Durable and Non-Durable Products, Demand Forecasting Techniques -Statistical and Non-Statistical Techniques -Cost Estimation - Cost-Volume-Profit Analysis (Break Even Analysis)- Objectives and Assumptions; Determination of Break Even Point, Limitations									12	
III	<b>Pricing Policies and Practices</b> Objectives - Popular Pricing Methods and Strategies- Price Discounts and Differentials- Pricing by Manufacturers and Retailers- Price Forecasting.									12	

IV	<b>Capital Budgeting</b> Capital Budgeting: Need for capital budgeting- Different steps in Capital Budgeting- - Appraisal Methods – Payback Method, Accounting Rate of Return, Net Present Value method, Internal Rate of Return Method, Cost–Benefit Method - Capital Rationing.	12
V	<b>Cost of Capital</b> Sources of Funds for Long Term Financing-Cost of Debt Capital -Cost of Preferred Stock -Cost of Equity Capital or Common Stock-Cost of Retained Earnings.	12
<b>Total</b>		<b>60</b>

<b>Course Outcomes</b>		<b>Programme Outcomes</b>
CO	On completion of this course, students will	
1	Understand the Micro Economic Principles and applying it in Business Decision.	PO1,PO2
2	Examine the concepts of Demand, Cost and Profit	PO1,PO2
3	Determine and analyse the various Pricing Techniques.	PO2, PO3
4	Appraise the Project Proposals	PO4,PO3
5	Understand the sources of Finance for Business.	PO2, PO3
<b>Textbooks</b>		
1	Varshney R.L., and Maheshwari K.L. (1997), Managerial Economics, Sultan Chand, N Delhi	
2	Mehta P.L (1997), Managerial Economics, Sultan Chand, New Delhi.	
3	William F. Samuelson, Stephen G. Marks, “Managerial Economics”, Wiley,2014	
4	Michael R Baye, Managerial Economics & Business Strategy – Mc. Graw Hill, USA, 5th Edition 2006.	
5	Yogesh, Maheshwari, Managerial Economics, PHI Learning PvtLtd,2013	
<b>Reference Books</b>		
1.	Dominic Salvatore, (1993), Managerial Economics, McGraw Hill Inc, New York	
2.	Ahuja. H. L. (2004), Business Economics, S. Chand & Co, New Delhi.	
3.	L. Trivedi (2002), Managerial Economics: Theory and Applications Tata McGraw Hill.	
4.	Dwivedi D.N (2000), Managerial Economics, Vikas Publishing House Pvt Ltd	
5.	Gregory Mankiw(2008) Economics: Principles and Applications, New Delhi, Cengage Learning India.	
<b>Web Resources</b>		
1.	<a href="http://economics.about.com/od/pricing">http://economics.about.com/od/pricing</a>	
2.	<a href="http://www.rbi.org">www.rbi.org</a>	
3.	<a href="https://nptel.ac.in/courses/110101005">https://nptel.ac.in/courses/110101005</a>	
4.	<a href="https://www.managementstudyguide.com/managerial-economics">https://www.managementstudyguide.com/managerial-economics</a>	
5.	<a href="https://hbr.org/1976/11/pricing-policies-for-new-products">https://hbr.org/1976/11/pricing-policies-for-new-products</a>	

**Mapping with Programme Outcomes:**

	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>
<b>CO 1</b>	3	3	3	3	3	3	3	3
<b>CO 2</b>	3	3	3	3	3	3	3	3
<b>CO 3</b>	3	2	3	2	2	3	3	3
<b>CO 4</b>	3	3	3	3	3	3	3	3
<b>CO 5</b>	3	3	3	3	3	3	2	3
<b>Weightage</b>	15	14	15	14	15	15	14	15
<b>Weighted percentage of course contribution to POS</b>	3.0	2.8	3.0	2.8	2.8	3.0	2.8	3.00

**S-Strong-3 M-Medium-2 L-Low-1**

**Level of Correlation between PSO's and CO's**

<b>CO /PO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	3	2	2	3	3
<b>CO2</b>	3	2	3	3	3
<b>CO3</b>	3	3	3	3	3
<b>CO4</b>	3	3	2	3	3
<b>CO5</b>	3	3	3	3	2
<b>Weightage</b>	15	13	13	15	14
<b>Weighted percentage of Course Contribution to PSOs</b>	3	2.6	2.6	3	2.8

**S-Strong-3 M-Medium-2 L-Low-1**

**THIRD YEAR - SEMESTER-V**

Subject Code	Subject Name	Category	L	T	P	S	C r e d i t s	I n s t . H o u r s	Marks		
									C I A	E x t e r n a l	To t a l
U23DE03	<b>OPERATIONS RESEARCH</b>	<b>DSEC-2</b>					3	4	25	75	100
Nature of the Course											
Relevant to Global need		Employability Oriented		✓	Addresses Professional Ethics						
Relevant to National need		Entrepreneurship Oriented			Addresses Gender Sensitization						
Relevant to Regional need		Skill Development Oriented			Addresses Environment and Sustainability						
Relevant to Local need			Addresses Human Values								
<b>Learning Objectives</b>											
C1	To enable students to understand the rational decision making in practice										
C2	To understand use of key concepts such as Linear Programming and its applications,.										
C3	To probe the Transportation Assignment CPM,PERT and Queuing										
C4	To provide understanding about making Rational Decisions in Practice.										
C5	To provide knowledge on acquiring Entrepreneurial Skills.										
<b>UNIT</b>	<b>Contents</b>									<b>No. of Hours</b>	
I	<b>Introduction to Operations Research</b> Operations Research – Definition–Methodology – Tools-Types of Operations Research Models- Operations Research and Decision Making - Limitations.									12	
II	<b>Linear Programming Problem</b> Definition -- Applications- Assumptions -Formulation-Graphical solution – Maximization and Minimization-Simplex Method (2 Variable)									12	
III	<b>Transportation and Assignment</b> Introduction – Matrix Formulation of a Transportation Problem– North West Corner Entry Method –Vogel’s Approximation Method- Initial Basic Feasible Solution (basic problems) - Assignment – Introduction – Balanced and Unbalanced Assignment Problem – Solution using									12	

	Hungarian Assignment Method.	
IV	<b>Decision Theory</b> Decision Making under Risk and Uncertainty-Decision Tree Analysis-Network Analysis –Basic Concepts: CPM – PERT	12
V	<b>Queuing Theory</b> Queuing Theory - Basic Concepts -Traffic Intensity– Idle Rate- Single Channel - Number of Customers in Line and System - Time Spent by the Customers in Line and System - Probability of Customers' Waiting.	12
	<b>Total</b>	<b>60</b>

<b>Course Outcomes</b>		<b>Programme Outcomes</b>
CO	On completion of this course, students will	
1	Understand the Characteristics and Methodology of Operations Research.	PO1,PO3
2	Analyse constraints in optimization using Linear Programming	PO2,PO3
3	Examine the role of various Transportation Model and Optimum cost in Assignment	PO2,PO3
4	Take appropriate decisions under conditions of risk and Uncertainty	PO3,PO4
5	Evaluate the costs involved in Queuing	PO2,PO3
<b>Textbooks</b>		
1	Vittal P.R, ( 2019), Introduction to Operations Research, Margham Publications	
2	Gupta P.K and Manmohan, (2019), Operations Research Sultan Chand, New Delhi	
3	G. Srivivasan, “Operations Research: Principles and Application”, Prentice Hall India Pvt., Limited, 2017	
4	Ravindran, Phillips, Solberg, “OPERATIONS RESEARCH: PRINCIPLES AND PRACTICE”, 2ND ED, Wiley, 2007	
5	P. RamaMurthy, “Operations Research”, New Age International, 2007	
<b>Reference Books</b>		
1.	Chawla K.K ,Vijay Gupta and BhushanK.Sharma (2015) Introduction to Operations Research, Kalyani Publishers	
2.	HamdyTaha,( 2017)Operations Research: An Introduction, 10 <sup>th</sup> Edition, Pearson	
3.	Kapoor V.K.(2017) Operations Research, Sultan Chand and Sons, New Delhi,	
4.	Gupta P.K & Manmohan(2003) Problems in Operations Research (Methods and Solutions), Sultan Chand and Sons, NewDelhi	
5.	Panneerselvam R.(2018) Operations Research, Prentice-Hall India,	
<b>Web Resources</b>		
1.	<a href="https://www.edx.org/course/operations-research-an-active-approach">https://www.edx.org/course/operations-research-an-active-approach</a>	
2.	<a href="https://www.theorsociety.com/resource-centre/teaching-resources/">https://www.theorsociety.com/resource-centre/teaching-resources/</a>	
3.	<a href="https://or.stackexchange.com/questions/4277/operations-research-self-study-resources-for-beginners">https://or.stackexchange.com/questions/4277/operations-research-self-study-resources-for-beginners</a>	
4.	<a href="https://www.notes4free.in/admin/postimages/OR%20NOTES.pdf">https://www.notes4free.in/admin/postimages/OR%20NOTES.pdf</a>	
5.	<a href="https://youtu.be/x-Wx9KLRBpk">https://youtu.be/x-Wx9KLRBpk</a>	

**Mapping with Programme Outcomes:**

	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>
<b>CO 1</b>	3	3	3	3	3	3	3	3
<b>CO 2</b>	3	3	3	3	3	3	3	3
<b>CO 3</b>	3	3	3	2	2	3	3	3
<b>CO 4</b>	3	3	3	3	3	3	3	3
<b>CO 5</b>	3	3	3	3	3	3	2	3
<b>Weightage</b>	15	15	15	14	14	15	14	15
<b>Weighted percentage of course contribution to POS</b>	3.0	2.8	3.0	2.8	2.8	3.0	2.8	3.00

**S-Strong-3 M-Medium-2 L-Low-1**

**Level of Correlation between PSO's and CO's**

<b>CO /PO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	3	3	2	3	2
<b>CO2</b>	3	3	3	3	3
<b>CO3</b>	3	3	2	3	3
<b>CO4</b>	3	3	2	3	3
<b>CO5</b>	3	3	2	3	3
<b>Weightage</b>	15	15	11	15	14
<b>Weighted percentage of Course Contribution to PSOs</b>	3	3	2.2	3	2.8

**S-Strong-3 M-Medium-2 L-Low-1**

**THIRD YEAR - SEMESTER-V**

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
<b>U23DE04</b>	<b>GENDER ECONOMICS</b>	DSEC-2					3	4	25	75	100
Nature of the Course											
Relevant to Global need		Employability Oriented		✓	Addresses Professional Ethics						
Relevant to National need		Entrepreneurship Oriented			Addresses Gender Sensitization					✓	
Relevant to Regional need		Skill Development Oriented			Addresses Environment and Sustainability						
Relevant to Local need			Addresses Human Values								
<b>Learning Objectives</b>											
C1	Students will be able to sensitize on issues that is related to gender										
C2	To understand the conceptual clarification of women and work										
C3	To analyse the Women in Organized and Unorganized Sectors in an Economy										
C4	Identify the marginalization of women in economic theory and in the economy										
C5	Incorporate gender in mainstream policy making										
<b>UNIT</b>	<b>Contents</b>									<b>No. of Hours</b>	
I	<b>Introduction to Gender Analysis and Economics</b> Definition - Gender - Gender Analysis: Purpose and Scope - Feminist Perspective in Economics - Classical and Neoclassical Economics- Post Keynesian Economics-Economic Measurements - Empirical Challenges.									12	
II	<b>Development and Anti - Development</b> Development Versus Anti-Development - Women In Development (WID)- Women and Development (WAD)-Gender And Development – Women And Empowerment-Women And Environment – Ecofeminism.									12	
III	<b>Women and Work – A Conceptual Clarification</b> Invisibility of Women – “Statistical Purdah” - A Critique of Methods, Concepts, Definitions Employed in Economic Theory- A Critique of The Data System In India (Application) - Measures To Rectify This Invisibility									12	
IV	<b>Marginalization of Women</b>									12	

	Women Sidelined – Gender – Discrimination Theories - Women in The Labour Market – Sexual Division of Labour, Wage Differentials, Micro Credit - Women in The Organized and Unorganized Sectors Of The Indian Economy (Application) - Feminization Of Work and Feminization Of Poverty	
V	<b>Gender, The Economy and Related Issues</b> Population – Demographic Features - Health and Education - Policy Measures – Government and NGOs– Gender Budgeting	12
	<b>Total</b>	<b>60</b>

Course Outcomes		Programme Outcomes
CO	On completion of this course, students will	
1	Recognize needs for Gender Analysis	PO1,PO5
2	Analyze the role of gender in development	PO1,PO2,PO5
3	Identify the reasons behind the marginalization of women	PO2,PO5
4	Formulate policies to include the excluded	PO5, PO7
5	Integrate gender in Mainstream Economics	PO3, PO7
<b>Textbooks</b>		
1	Jaya Shrivatsava(2018) Gender Discrimination and Inequality in Contemporary India: Dimensions and Voices of Protests, Kalpaz Publications.	
2	Caroline CriadoPerez(Reference Books) Women: Data Bias in a World Designed for Men, Flatiron Books	
1.	GOI,Min. of Labour & Shakti. Report on the National Commission on Self – Employed Women (2020)Wiley Gender & Women's Studies, New Delhi	
3	Wiley Gender & Women's Studies, New Delhi	
2.	Julie A. Nelson (1996), Feminism, Objectivity and economics, Routledge, UK	
4	K.R.Gupta, “Gender Problems and Policies”, Atlantic, 2009.	
35	Krishnaraj, M., and M.P.D. Joy. Gender in Economics. Ajantha, New Delhi, 1991	
4.	Loutfi, MF(ed.) (2002), Women, Gender & Work, Rawat Publishers, New Delhi	
5.	Krishnaraj, M., and M.P.D. Joy. Gender in Economics. Ajantha, New Delhi, 1991	
<b>Web Resources</b>		
1.	<a href="https://www.unwomen.org/en/how-we-work/intergovernmental-support/world-conferences-on-women">https://www.unwomen.org/en/how-we-work/intergovernmental-support/world-conferences-on-women</a>	
2.	<a href="https://wcd.nic.in/">https://wcd.nic.in/</a>	
3.	<a href="https://www.tn.gov.in/department/30">https://www.tn.gov.in/department/30</a>	
4.	<a href="http://icds-wcd.nic.in/">http://icds-wcd.nic.in/</a>	
5.	<a href="http://ncw.nic.in/">http://ncw.nic.in/</a>	

**Mapping with Programme Outcomes:**

	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>
<b>CO 1</b>	2	3	3	3	3	3	3	3
<b>CO 2</b>	3	3	3	3	3	3	3	3
<b>CO 3</b>	3	2	3	2	2	3	3	3
<b>CO 4</b>	3	3	3	3	3	2	3	3
<b>CO 5</b>	3	3	3	3	3	3	2	3
Weightage	14	14	15	14	15	15	14	15
Weighted percentage of course contribution to POS	2.8	2.8	3.0	2.8	2.8	2.8	2.8	3.00

**S-Strong-3 M-Medium-2 L-Low-1**

**Level of Correlation between PSO's and CO's**

<b>CO /PO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	3	3	2	3	3
<b>CO2</b>	3	3	2	3	3
<b>CO3</b>	2	3	2	3	3
<b>CO4</b>	3	3	2	3	3
<b>CO5</b>	3	3	2	3	3
<b>Weightage</b>	14	15	10	15	15
<b>Weighted percentage of Course Contribution to PSOs</b>	2.8	3	2	3	3

**S-Strong-3 M-Medium-2 L-Low-1**

**THIRD YEAR - SEMESTER -VI**

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CI	Ext	Total
<b>U23CE13</b>	<b>INTERNATIONAL ECONOMICS</b>	<b>Core-13</b>					5	6	25	75	100
Nature of the Course											
Relevant to Global need	✓	Employability Oriented	✓	Addresses Professional Ethics							
Relevant to National need		Entrepreneurship Oriented		Addresses Gender Sensitization							
Relevant to Regional need		Skill Development Oriented		Addresses Environment and Sustainability							
Relevant to Local need			Addresses Human Values								
<b>Learning Objectives</b>											
C1	evaluate critical overview of International Trade theories										
C2	understand the Foreign Exchange Market and its operations										
C3	know the BOP disequilibrium and International Trade Policy.										
C4	To impart knowledge on Foreign Exchange Market and its concepts										
C5	To familiarize students on Trade Policies										
<b>UNIT</b>	<b>Contents</b>							<b>No. of Hours</b>			
I	<b>Introduction</b> Nature and Scope of International Economics -The Globalization of the World Economy - International Trade and the Nation's Standard of Living - International Trade Policy - Current International Economic Problems and Challenges.							20			
II	<b>International Trade Theories</b> Absolute Advantage: Adam Smith - Comparative Advantage: David Ricardo - Opportunity Cost: Haberler - Reciprocal Demand: Mill - Offer Curves: Marshall - Factor Endowments: Heckscher-Ohlin - Leontief Paradox - Economic Growth and International Trade.							20			
III	<b>Foreign Exchange Market</b> Foreign Exchange Market: Function and structures - Exchange Rates: Fixed, Flexible, Floating, Pegged, Nominal and Real Exchange Rates - Theories of Exchange							20			

	Rates: Mint Parity Theory, Purchasing Power Parity Theory, and Balance of Payments Theory.	
IV	<b>Balance of Payments</b> The Balance of Payments Account - Equilibrium and Disequilibrium in BOP - Surplus and Deficit in BOP-Adjustment Mechanism: Direct and Indirect Mechanisms– Export Promotion and Import Substitution.	15
V	<b>Terms of Trade and Trade Policy</b> Terms of Trade: Concept and Determinants - Terms of trade and Economic Development - Tariff and Non-Tariff Barriers – Effects – Quotas - Import Quotas Vs Tariffs - Free Trade and Economic Development-Free Trade Vs Protection.	15
	<b>Total</b>	<b>90</b>

<b>Course Outcomes</b>		<b>Programme Outcomes</b>
CO	On completion of this course, students will	
1	Develop ideas of the basic characteristics of Globalisation of the World Economy and its current international economic problems and challenges.	PO1
2	Grasp the basic theories of International Trade and Economic Growth.	PO1
3	Understand the functions, structure and theories of Foreign Exchange Market.	PO1,PO2,PO3
4	Describe the BOP disequilibrium, Adjustment Mechanism, Export Promotion and Import Substitution.	PO2,PO3
5	Outline the concepts of terms of trade and assess the Tariff, quotas, Free trade and economic development	PO1,PO2
<b>Textbooks</b>		
1	Mithani D.M (2002), Introduction to International Economics, Vora & Co Publishers, Bombay.	
2	Dwivedi, D. N. (2013). International Economics: Theory and Policy. Vikas Publishing House, New Delhi.	
3	Cherunilam, Francis (2006). International Economics, Tata McGraw-Hill Publishing Co. Ltd., New Delhi	
4	M.L Jhingan, "International Economics", Vrinda publications, 2016	
5	K.R.Gupta, International Economics, Atlantic Publishers, 2017	
<b>Reference Books</b>		
1.	Paul Krugman, Maurice Obstfeld, and Marc Melitz, (2012), International Economics: Theory and Policy, Addison-Wesley (Pearson Education Indian Edition), 9th edition.	
2.	Kindleberger, C.P (1977). International Economics, D.B. Taraporevala Sons and Co. Pvt. Ltd., Bombay	
3.	Leamer, E. E., & Stern, R. M. (2017). Quantitative International Economics. Routledge.	
4.	Salvatore, D. (2016). International Economics. John Wiley & Sons.	
5.	Jones, R. W., Grossman, G. M., Kenen, P. B., Rogoff, K., Gopinath, G., & Helpman, E. (Eds.). (1997). Handbook of International Economics (Vol. 3). Elsevier.	
<b>Web Resources</b>		
1.	<a href="https://www.imf.org">https://www.imf.org</a>	
2.	<a href="https://www.forextime.com/education/forex-trading-for-beginners">https://www.forextime.com/education/forex-trading-for-beginners</a>	
3.	<a href="https://www.weforum.org/">https://www.weforum.org/</a>	
4.	<a href="https://www.wto.org/">https://www.wto.org/</a>	
5.	<a href="https://policy.trade.ec.europa.eu/eu-trade-relationships-country-and-region/negotiations-and-agreements_en">https://policy.trade.ec.europa.eu/eu-trade-relationships-country-and-region/negotiations-and-agreements_en</a>	

**Mapping with Programme Outcomes:**

	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>
<b>CO 1</b>	2	3	3	3	3	3	3	3
<b>CO 2</b>	3	3	3	3	3	3	3	3
<b>CO 3</b>	3	3	3	2	2	3	3	3
<b>CO 4</b>	3	3	2	3	3	2	3	3
<b>CO 5</b>	3	3	3	3	3	3	2	3
Weightage	14	15	14	14	15	15	14	15
Weighted percentage of course contribution to POS	2.8	3.0	2.8	2.8	2.8	2.8	2.8	3.00

**S-Strong-3 M-Medium-2 L-Low-1**

**Level of Correlation between PSO's and CO's**

<b>CO /PO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	3	3	3	3	3
<b>CO2</b>	3	3	2	3	2
<b>CO3</b>	3	3	2	3	2
<b>CO4</b>	3	3	3	2	2
<b>CO5</b>	3	3	2	3	3
<b>Weightage</b>	15	15	12	14	12
<b>Weighted percentage of Course Contribution to PSOs</b>	3	3	2.4	2.8	2.4

**S-Strong-3 M-Medium-2 L-Low-1**

**THIRD YEAR - SEMESTER -VI**

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks																												
									CIA	External	Total																										
U23CE14	<b>DEVELOPMENT ECONOMICS</b>	<b>Core -14</b>					4	6	25	75	100																										
Nature of the Course																																					
<table border="1"> <tr> <td>Relevant to Global need</td> <td></td> <td>Employability Oriented</td> <td>✓</td> <td colspan="2">Addresses Professional Ethics</td> <td></td> </tr> <tr> <td>Relevant to National need</td> <td></td> <td>Entrepreneurship Oriented</td> <td></td> <td colspan="2">Addresses Gender Sensitization</td> <td></td> </tr> <tr> <td>Relevant to Regional need</td> <td></td> <td rowspan="2">Skill Development Oriented</td> <td rowspan="2"></td> <td colspan="2">Addresses Environment and Sustainability</td> <td></td> </tr> <tr> <td>Relevant to Local need</td> <td></td> <td colspan="2">Addresses Human Values</td> <td></td> </tr> </table>												Relevant to Global need		Employability Oriented	✓	Addresses Professional Ethics			Relevant to National need		Entrepreneurship Oriented		Addresses Gender Sensitization			Relevant to Regional need		Skill Development Oriented		Addresses Environment and Sustainability			Relevant to Local need		Addresses Human Values		
Relevant to Global need		Employability Oriented	✓	Addresses Professional Ethics																																	
Relevant to National need		Entrepreneurship Oriented		Addresses Gender Sensitization																																	
Relevant to Regional need		Skill Development Oriented		Addresses Environment and Sustainability																																	
Relevant to Local need				Addresses Human Values																																	
<b>Learning Objectives</b>																																					
C1	focuses on themes that cut across core values in development economics																																				
C2	describes the various approaches and theories of development.																																				
C3	analyze the significance of Development Models in Economic Planning																																				
C4	To enable the students to know about Development and Growth Models.																																				
C5	To probe the role of Financial System in Economic Development																																				
<b>UNIT</b>	<b>Contents</b>									<b>No. of Hours</b>																											
I	<b>Introduction</b>  Meaning and Nature of Development Economics – Core values of Development- Amartya Sen’s Approach – Economic Growth Vs. Development – Progress and Economic Welfare – Comparative Economic Development.									20																											
II	<b>Theories of Economic Growth and Development – I</b> Rostow’s stages of Growth – Big Push Theory - Theory of Critical Minimum Effort - Utilisation of Surplus Manpower – Lewis Theory, Nurkse Theory - Rural Urban Migration – Harris-Todaro Model.									20																											
III	<b>Theories of Economic Growth and Development – II</b> Harrod-Domar Model (Critical Expansion and Growth) - - Solow Model of Growth - Technical Progress and Growth -									20																											

	Human Capital and Growth - Myrdal Model (Cumulative Causation Thesis) - Kaldor Model (Model of Distribution).	
IV	<b>Development Planning</b> Development Planning – Concept and Rationale- Basic Models of Development Planning process – Government Failure and Market Economy – Role of NGOs in Economic Development – Trends in Governance and Reforms.	15
V	<b>Financing Economic Development</b> Role of Financial System in Economic Development – Formal Versus Informal Finance – Micro Finance – Foreign Finance – Foreign Aid - Development Assistance Debate.	15
	<b>Total</b>	<b>90</b>

<b>Course Outcomes</b>		<b>Programme Outcomes</b>
CO	On completion of this course, students will	
1	Outline the central themes and approaches to Development.	PO1,PO2
2	Compare and contrast the theories of Growth and Development	PO1,PO2,PO3
3	Critically analyse various Models of Growth.	PO2,PO3,PO7
4	Examine the welfare impact of Development Planning and proposed development interventions by different institutions	PO1, PO2,PO3,PO7
5	Examine the welfare impact of Development Planning and proposed development interventions by different institutions	PO3,PO4
<b>Textbooks</b>		
1	Ahuja H.L. (2016), Development Economics, S. Chand and Company Ltd.	
2	Jhingan M.L. (2016), Economics of Development Planning, Himalaya Publication House, 41 <sup>st</sup> Edition.	
3	Dutt, A. (2003). Development Economics and Structuralist Macroeconomics. Edward Elgar Publishing.	
4	Debraj Ray, "Development Economics", Oxford Indian Paperbacks, 1998	
5	Alain de Janvry, Elisabeth Sadoulet, "Development Economics: Theory and Practice", Talyor & Francis, 2021	
<b>Reference Books</b>		
1.	Todaro Michael and C Smith Stephen (2017) Economic Development, Pearson, 12 <sup>th</sup> Edition	
2.	Taneja & R. M. Myre M.L. (2017), Economics of Development and Planning, Vikas Publishing Co., 15 <sup>th</sup> Edition	
3.	Kulwant Rai Gupta (2006 & 2009), Economics of Development & Planning (Vol. 1 & Vol.2), Atlantic Publishers and Dist.	
4.	Huq, M. M., Clunies-Ross, A., & Forsyth, D. (2009). Development Economics. McGraw Hill.	
5.	Meier, G. M., & Stiglitz, J. E. (Eds.). (2001). Frontiers of Development Economics: the future in perspective. World Bank Publications.	
<b>Web Resources</b>		
1.	<a href="https://web.mit.edu/krugman/www/dishpan.html">https://web.mit.edu/krugman/www/dishpan.html</a>	
2.	<a href="http://www.niti.gov.in/">http://www.niti.gov.in/</a>	
3.	<a href="https://ida.worldbank.org/en/what-is-ida">https://ida.worldbank.org/en/what-is-ida</a>	
4.	<a href="https://www.trade.gov/">https://www.trade.gov/</a>	
5.	<a href="https://www.saarc-sec.org/">https://www.saarc-sec.org/</a>	

**Mapping with Programme Outcomes:**

	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>
<b>CO 1</b>	2	2	3	3	3	3	3	3
<b>CO 2</b>	3	3	3	3	3	3	3	3
<b>CO 3</b>	3	3	3	2	2	3	3	3
<b>CO 4</b>	3	3	2	3	3	2	3	3
<b>CO 5</b>	3	3	3	3	3	3	2	3
Weightage	14	14	14	14	15	15	14	15
Weighted percentage of course contribution to POS	2.8	2.8	2.8	2.8	3.0	2.8	2.8	3.00

**S-Strong-3 M-Medium-2 L-Low-1**

**Level of Correlation between PSO's and CO's**

<b>CO /PO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	3	3	3	3	2
<b>CO2</b>	2	3	2	3	2
<b>CO3</b>	3	3	3	3	3
<b>CO4</b>	3	3	2	3	3
<b>CO5</b>	3	3	3	3	3
<b>Weightage</b>	14	15	13	15	13
<b>Weighted percentage of Course Contribution to PSOs</b>	2.8	3	2.6	3	2.6

**S-Strong-3 M-Medium-2 L-Low-1**

**THIRD YEAR - SEMESTER -VI**

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
U23CE15	AGRICULTURAL ECONOMICS	Core -15					3	6	25	75	100
Nature of the Course											
Relevant to Global need		Employability Oriented	✓	Addresses Professional Ethics							
Relevant to National need		Entrepreneurship Oriented		Addresses Gender Sensitization							
Relevant to Regional need		Skill Development Oriented		Addresses Environment and Sustainability							
Relevant to Local need				Addresses Human Values							
<b>Learning Objectives</b>											
C1	probe into the various issues in agricultural Labour										
C2	understand the marketing, Finance and Price Policy of Agriculture										
C3	To study the impact of Agriculture on Indian Economic Scenario.										
C4	To assess the Sustainable agriculture Development In india										
C5	To familiarize students about the significance of Sustainable Agriculture.										
<b>UNIT</b>	<b>Contents</b>								<b>No. of Hours</b>		
I	<b>Introduction</b> Scope and significance of Agriculture- Role of Agriculture in India's Development- Inter-sectoral Linkages - Farm Management: Definition and Principles-Management of Risks in Agriculture.								12		
II	<b>Agricultural Labour</b> Agricultural labour: Definition - Types – Supply of Labour –Problems - Rural Unemployment: Types, Consequences and Remedial Measures- Minimum Wages for Agricultural Workers– Recent Wage and Self-Employment Programmes								15		
III	<b>Agricultural Finance</b> Agricultural Finance: Meaning, Nature, Types, Sources and Problems of Agricultural Finance- Cooperatives in Rural Finance- Role of Commercial Banks and NABARD – Farm Capital - Meaning, Types and Marginal Efficiency of Farm – Agricultural Capital Formation								15		
IV	<b>Agricultural Price Policy</b>								15		

	Objectives and need of Agricultural Price Policy – Stability and Trends in Agricultural Prices – Evaluation of Agricultural Price Policy in India – Agricultural Exports - Current Issues in Indian Agriculture.	
V	<b>Sustainable Agriculture and Food Security</b> Development issues: Poverty, Inequality, Unemployment and Environmental Degradation - Green Revolution: Recent Developments– Methods and Issues - Population and Food Supply- Food Security and Public Distribution System in India.	18
	<b>Total</b>	<b>75</b>

<b>Course Outcomes</b>		<b>Programme Outcomes</b>
CO	On completion of this course, students will	
1	Understand the relevance of Agricultural Economics and Development	PO1,PO2
2	Examine the importance of Agricultural Labour in Rural Development	PO1,PO2
3	Identify the sources and importance of Agricultural Finance.	PO3, PO7
4	Analyze the trends in Agricultural Prices	PO1, PO2,PO3
5	Evaluate the Major issues pertaining to Agriculture.	PO3,PO4
<b>Textbooks</b>		
1	Lekhi R.K. and Joginder Singh, (2015), Agricultural Economics: An Indian Perspective, Kalyani Publishers, Ludhiana.	
2	Sadhu An, Singh Amarjit and Singh Jasbir, (2014), Fundamentals of Agricultural Economics, Himalaya Publishing House, Delhi	
3	Mridula Mishra, (2010), Agriculture and Food Economics, Serials Publication, New Delhi.	
4	John B.Penson,Jr, Oral Capps, Jr, C.ParrRosson III, Richard. T. Woodward, "Introduction to Agricultural Economics", Pearson Publications,2017.	
5	Dr.B.P.Tyagi, "Agricultural Economics & Rural Development", Jai Prakashnath& Co., 2017.	
<b>Reference Books</b>		
1.	Janardhana Rao. N, (2005), Indian Agriculture: Issues and Perspectives, ICAI University Press, Hyderabad.	
2.	Gray, L. C. (2013). Introduction to Agricultural Economics. Read Books Ltd.	
3.	Barkley, A., & Barkley, P. W. (2016). Principles of Agricultural Economics. Routledge.	
4.	Cramer, G. L., Jensen, C. W., & Southgate Jr, D. D. (2001). Agricultural Economics and Agribusiness (No. Ed. 8). John Wiley and Sons.	
5.	Colman, D., & Young, T. (1989). Principles of Agricultural Economics: Markets And Prices In Less Developed Countries. Cambridge University Press.	
<b>Web Resources</b>		
1.	<a href="https://icar.org.in/">https://icar.org.in/</a>	
2.	<a href="https://www.icrisat.org/">https://www.icrisat.org/</a>	
3.	<a href="https://www.nabard.org/">https://www.nabard.org/</a>	
4.	<a href="https://www.fao.org">https://www.fao.org</a>	
5.	<a href="https://farmer.gov.in/mspstatements.aspx">https://farmer.gov.in/mspstatements.aspx</a>	

**Mapping with Programme Outcomes:**

	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>
<b>CO 1</b>	2	2	3	3	3	3	3	3
<b>CO 2</b>	3	3	3	3	3	3	3	3
<b>CO 3</b>	3	3	3	2	2	3	3	3
<b>CO 4</b>	3	3	3	3	3	2	3	3
<b>CO 5</b>	3	3	3	3	3	3	2	3
<b>Weightage</b>	14	14	15	14	15	15	14	15
<b>Weighted percentage of course contribution to POS</b>	2.8	2.8	3.0	2.8	3.0	3.0	2.8	3.00

**S-Strong-3 M-Medium-2 L-Low-1**

**Level of Correlation between PSO's and CO's**

<b>CO /PO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	3	3	3	3	2
<b>CO2</b>	2	3	2	3	2
<b>CO3</b>	3	3	3	3	3
<b>CO4</b>	3	3	2	3	3
<b>CO5</b>	3	3	3	3	3
<b>Weightage</b>	14	15	13	15	13
<b>Weighted percentage of Course Contribution to PSOs</b>	2.8	3	2.6	3	2.6

**S-Strong-3 M-Medium-2 L-Low-1**

**THIRD YEAR - SEMESTER -VI**

Subject Code	Subject Name	Category	L	T	P	S	C r e d i t s	I n s t . H o u r s	Marks		
									C I A	E x t e r n a l	T o t a l
<b>U23DE05</b>	<b>BASIC ECONOMETRICS</b>	<b>DSEC-3</b>					3	5	25	75	100
Nature of the Course											
Relevant to Global need		Employability Oriented	✓	Addresses Professional Ethics							
Relevant to National need		Entrepreneurship Oriented		Addresses Gender Sensitization							
Relevant to Regional need		Skill Development Oriented		Addresses Environment and Sustainability							
Relevant to Local need				Addresses Human Values							
<b>Learning Objectives</b>											
C1	analyse the Economic Relationship mathematically.										
C2	estimate testing hypotheses, forecasting which helps in Policy Decision Making										
C3	To understand the application of economic theories in real time situations										
C4	To evaluate the Violation of Assumptions in econometric applications										
C5	To understand and analyze various Econometric Models and its application.										
<b>UNIT</b>	<b>Contents</b>									<b>No. of Hours</b>	
I	<b>Introduction</b> Definition – Scope – Divisions – Objectives – Use of Econometrics – Econometrics and Mathematical Economics – Econometrics and Statistics – Methodology of Econometrics - Basic ideas of Linear Regression Model–Two variable Model, Population regression Function (PRF), Sample Regression Function (SRF) – Error term U – significance - Stochastic form of PRF and SRF.									12	
II	<b>Estimation</b> Classical Linear Regression Model – Assumptions – 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 – Three Variable Model estimation (Basic Idea									18	

	only) – Hypothesis Testing (t and F test)–Test of Goodness of Fit $R^2$ and Adjusted $R^2$ .	
III	<b>Violation of Assumptions</b> Multi-collinearity: Nature, Consequences, detection and Remedial Measures- Heteroscedasticity: Nature-Consequences Detection and Remedial Measures- Autocorrelation: Nature, Consequences, Detection and Remedial Measures.	15
IV	<b>Functional Forms and Dummy Variables</b> Regression through the origin - Double Log Model – Measurement of Elasticity – Semi log model – Measurement of Growth. Dummy Variables – ANOVA and ANCOVA Models – Dummy Variable Trap – Uses – Interaction Effects – Structural Changes – Seasonal Variations – Piecewise Linear Regression. Autoregressive and Distributed Lag Model – Ad Hoc Method of Estimation – Koyck Transformation – Mean and Median Lag.	15

V	<b>Simultaneous Equation Model</b> Simultaneous Equation Model: Definition and Examples – Simultaneous Equation Bias – Structural and Reduced Form Equations – Identification – Rank and Order Condition – Indirect Least Square Estimation – Two Stage Least Square Estimation.	15
	<b>Total</b>	<b>75</b>
<b>Course Outcomes</b>		<b>Program me Outcome s</b>
CO	On completion of this course, students will	
1	Understanding the importance of Econometrics.	PO1,PO3
2	Learning the estimation techniques of measuring relationship among economic variables.	PO1,PO3
3	Developing skills of interpretation.	PO3,PO8
4	Construct models in the testing of theories.	PO2, PO3, PO7
5	Application of real data for policy suggestions.	PO2,PO3 ,PO8
<b>Textbooks</b>		
1	Gujarathi, D. M. (2022). Gujarati: Basic Econometrics. McGraw-hill.	
2	Ramanathan, R. (1992). Introductory econometrics with applications. Dryden Press.	
3	Maddalla G.S.(2001) Introduction to Econometrics, Third Edition ,Wiley India	
4	Koutsoyiannis. “A, Theory of Econometrics”, Palgrave, Delhi.	
5	M.Wooldridge, “Introductory Econometrics: A Modern Approach”, Jeffery 5th Edition 2013.	
<b>Reference Books</b>		
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.	
<b>Web Resources</b>		
1.	<a href="https://nptel.ac.in/courses/111104072">https://nptel.ac.in/courses/111104072</a>	
2.	<a href="http://home.iitk.ac.in/~shalab/onlinecoursematerial">http://home.iitk.ac.in/~shalab/onlinecoursematerial</a>	
3.	<a href="https://nou.edu.ng/coursewarecontent/ECO%20355_0.pdf">https://nou.edu.ng/coursewarecontent/ECO%20355_0.pdf</a>	
4.	<a href="https://www.economtericssociety.org">https://www.economtericssociety.org</a>	
5.	<a href="https://economicsnetwork.ac.uk">https://economicsnetwork.ac.uk</a>	

**Mapping with Programme Outcomes:**

	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>
<b>CO 1</b>	2	2	3	3	3	3	3	3
<b>CO 2</b>	3	3	3	3	3	3	3	3
<b>CO 3</b>	3	3	2	2	3	3	3	3
<b>CO 4</b>	3	3	3	3	3	2	3	3
<b>CO 5</b>	3	3	3	3	3	3	2	3
<b>Weightage</b>	14	14	14	14	15	15	14	15
<b>Weighted percentage of course contribution to POS</b>	2.8	2.8	3.0	2.8	3.0	3.0	2.8	3.00

**S-Strong-3 M-Medium-2 L-Low-1**

**Level of Correlation between PSO's and CO's**

<b>CO /PO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	3	3	2	3	3
<b>CO2</b>	3	3	2	3	3
<b>CO3</b>	3	3	2	3	3
<b>CO4</b>	3	3	2	3	2
<b>CO5</b>	3	2	3	2	2
<b>Weightage</b>	15	14	11	14	13
<b>Weighted percentage of Course Contribution to PSOs</b>	3	2.8	2.2	2.8	2.6

**S-Strong-3 M-Medium-2 L-Low-1**

**THIRD YEAR - SEMESTER -VI**

Subject Code	Subject Name	Category	L	T	P	S	C r e d i t s	I n s t . H o u r s	Marks		
									C I A	E x t e r n a l	T o t a l
<b>U23DE06</b>	<b>BEHAVIOURAL ECONOMICS</b>	<b>DSEC-3</b>					3	5	25	75	100
Nature of the Course											
Relevant to Global need		Employability Oriented	✓	Addresses Professional Ethics							
Relevant to National need		Entrepreneurship Oriented		Addresses Gender Sensitization							
Relevant to Regional need		Skill Development Oriented		Addresses Environment and Sustainability							
Relevant to Local need			Addresses Human Values								
<b>Learning Objectives</b>											
C1	To provide an overview of how Behavioural Principles in economics										
C2	To apply behavioural approaches to economic Problems										
C3	To know the Nature and Components of mental accounting										
C4	To impart knowledge on how people's behaviour influence Decision Making.										
C5	To analyze the Behavioural Economic Models.										
<b>UNIT</b>	<b>Contents</b>									<b>No. of Hours</b>	
I	<b>Introduction</b> History and Evolution of Behavioural Economics - Neoclassical Concept and Criteria for Economic Rationality - Causes of irrationality – Herbert Simon -Bounded Rationality Methods used in Behavioural Economics									15	
II	<b>Heuristics &amp; Biases</b> Advantages and Disadvantages of Heuristics - Availability Heuristic - Anchoring Heuristic - Representative Heuristic - Self Evaluation Biases and Projection Bias									14	
III	<b>Animal Spirits and its impact on Economic Decisions</b> Confidence – its feedback mechanism that amplifies disturbances - Fairness – Its influence in setting wages and prices - Corruption and Antisocial behaviour - Money Illusion – Improper interpretation of inflation and deflation									15	
IV	<b>Prospect Theory</b>									16	

	Conventional approaches to modifying Expected Utility theory - Prospect theory and Endowment effect - Reference points and Loss Aversion - Shape of the utility function - Decision weighting	
V	<b>Mental Accounting</b> Nature and Components of mental accounting - Framing and Editing - Budgeting and Fungibility - Choice Bracketing and Dynamics	15
	<b>Total</b>	<b>75</b>

Course Outcomes		Programme Outcome
CO	On completion of this courseill	
1	Understand the flexibility and limitations of the economic approach to modelling behaviour and demonstrate knowledge of the evolution and methods used in behavioural economics	PO1,PO3
2	Identify ways in which individuals are systematically irrational	PO1,PO2
3	Know how to use existing behavioural models to understand new economic phenomena and analyse how deviations in rationality impact economic decisions.	PO2,PO3
4	Apply Prospect Theory to understand how people make decisions when presented with alternatives that involve risk, probability and uncertainty.	PO3,PO4,PO7
5	Understand and apply in policy the different aspects of the concept of mental accounting	PO3,PO7,PO8
<b>Textbooks</b>		
1	Phillip Corr and AnkePlagnolBehavioral Economics: The Basics 1 <sup>st</sup> Edition, Kindle Edition, Routledge, 2018	
2	Dan Ariely Predictably Irrational: The Hidden Forces That Shape Our Decisions, Harper Collins, 2009.	
3	David CorrellBehavioral Economics: Psychology, Neuroscience, and The Human Side of Economics (Hot Science) Icon Books Ltd, 2021	
4	SanjitDhami.,The Foundations of Behavioral Economic Analysis, Oxford University Press,2016	
5	Brandon Lehr, “Behavioral Economics Evidence, Theory, and Welfare”, Talyor& Francis, 2021	
<b>Reference Books</b>		
<b>Web Resources</b>		
1.	Nick Wilkinson and Matthias Klaes (2012) An Introduction to Behavioural Economics 2 <sup>nd</sup> Edition, Palgrave Macmillan, London	
2.	<a href="http://www.behavioraleconomics.com/BEGuide2017.pdf">www.behavioraleconomics.com/BEGuide2017.pdf</a>	
2.	David R. Just(2014) Introduction to Behavioural Economics, Wiley Publication, academic.oup.com/restud/pages/behavioral_economics	
3.	<a href="https://www.behavioraleconomics.com/">https://www.behavioraleconomics.com/</a>	
4.	Com F.Camerer, George Loewenstein and Matthew Rabin(2003) Advances in Behavioral Exploring-economics.org/en/orientation/behavioral-economics/	
4.	<a href="https://www.behavioraleconomics.com/">https://www.behavioraleconomics.com/</a>	
4.	Robert Plous (2015) Judgment and Behaviour, McGraw Hill Education, New York, 2015	
5.	Thaler, Richard H (2016) The Making of Behavioural Economics - Misbehaving, WW Norton & Co, Penguin, London	

**Mapping with Programme Outcomes:**

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

<b>CO 5</b>	3	3	3	3	3	3	3	3
Weightage	14	15	14	14	15	15	15	15
Weighted percentage of course contribution to POS	2.8	2.8	3.0	2.8	3.0	3.0	2.8	3.00

**S-Strong-3 M-Medium-2 L-Low-1**

**Level of Correlation between PSO's and CO's**

<b>CO /PO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	3	3	3	2	2
<b>CO2</b>	3	3	3	2	2
<b>CO3</b>	3	3	3	2	2
<b>CO4</b>	3	3	3	3	3
<b>CO5</b>	3	3	2	3	3
<b>Weightage</b>	15	15	14	12	12
<b>Weighted percentage of Course Contribution to PSOs</b>	3	3	2.8	2.4	2.4

**S-Strong-3 M-Medium-2 L-Low-1**

**THIRD YEAR - SEMESTER -VI**

Subject Code	Subject Name	Category	L	T	P	S	C r e d i t s	I n s t . H o u r s	Marks																								
									C I A	E x t e r n a l	T o t a l																						
<b>U23DE07</b>	<b>FINANCIAL MARKETS AND INSTITUTIONS</b>	<b>DSEC-4</b>					3	5	25	75	100																						
Nature of the Course																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">Relevant to Global need</td> <td style="width: 10%;"></td> <td style="width: 30%;">Employability Oriented</td> <td style="width: 10%; text-align: center;">✓</td> <td style="width: 25%;">Addresses Professional Ethics</td> <td style="width: 10%;"></td> </tr> <tr> <td>Relevant to National need</td> <td></td> <td>Entrepreneurship Oriented</td> <td></td> <td>Addresses Gender Sensitization</td> <td></td> </tr> <tr> <td>Relevant to Regional need</td> <td></td> <td rowspan="2">Skill Development Oriented</td> <td rowspan="2"></td> <td>Addresses Environment and Sustainability</td> <td></td> </tr> <tr> <td>Relevant to Local need</td> <td></td> <td>Addresses Human Values</td> <td></td> </tr> </table>												Relevant to Global need		Employability Oriented	✓	Addresses Professional Ethics		Relevant to National need		Entrepreneurship Oriented		Addresses Gender Sensitization		Relevant to Regional need		Skill Development Oriented		Addresses Environment and Sustainability		Relevant to Local need		Addresses Human Values	
Relevant to Global need		Employability Oriented	✓	Addresses Professional Ethics																													
Relevant to National need		Entrepreneurship Oriented		Addresses Gender Sensitization																													
Relevant to Regional need		Skill Development Oriented		Addresses Environment and Sustainability																													
Relevant to Local need				Addresses Human Values																													
<b>Learning Objectives</b>																																	
C1	provides a comprehensive functions and operations of financial markets																																
C2	understand the various financial institutions and its operations in India																																
C3	probe the role of banks in the financial operations and its regulations																																
C4	To analyse the Financial Institutions in India and its influence on Indian Economy.																																
C5	To impart knowledge on Exchange Markets and its aspects.																																
<b>UNIT</b>	<b>Contents</b>									<b>No. of Hours</b>																							
I	<b>Introduction</b> Introduction to Financial System and Economic Development - Indicators of Financial Development, Concepts Related to Financial Markets and Institutions - Concept of Risk -Types of Return and Yield									15																							
II	<b>Financial Institutions – I</b> Commercial Banking - Role of Banks – NPAs - Risk Management in Banking– International Banking - Financial Regulations and Regulatory Institutions in India - RBI, SEBI, IRDA, PFRDA - Corporate Governance and SEBI.									15																							
III	<b>Financial Institutions – II</b>									12																							

	Financial Institutions – Provident Fund, Pension Fund, Insurance Companies - Mutual Fund, Credit Rating Agencies, Merchant Bank, Venture Capital Funds. Bond Market: Bond Features, Bond Price Volatility, Government Security Market, Corporate Bond Market, Public Sector Undertaking Bonds.	
IV	<b>Derivatives Market</b> Classification of Stock Market and Securities – IPO, Stock Exchanges, Stock Market Indices, Derivatives Market - Types of Derivatives.	15
V	<b>Exchange Market</b> Foreign Exchange Market - Foreign Exchange Market Structure - Risk Management in Foreign Exchange Market - Exchange Rate Determination - Foreign Capital – FDI & FII, Central Bank Intervention in Foreign Exchange Market.	18
	<b>Total</b>	<b>75</b>

Course Outcomes		Programme Outcomes
CO	On completion of this course, students will be able to	
1	Understand the role and importance of the Indian Financial Market.	PO1
2	Analyse the importance of Commercial Banks	PO1
3	Understand and analyse the mechanics and regulation of financial instruments and determine how the value of stocks, bonds, and securities are calculated.	PO2,PO3
4	Evaluate the performance of Derivative Market.	PO2,PO3
5	Analyse the Foreign Exchange Market.	PO2,PO3
<b>Textbooks</b>		
1	Saunders, A., Cornett, M. M., &Erhemjamts, O. (2012). Financial Marketsand Institutions. McGraw-Hill/Irwin.	
2	Mishkin, F. S., & Eakins, S. G. (2006). Financial Marketsand Institutions. Pearson Education India.	
3	Frederic, S. (2000). Financial Markets and Institutions. Pearson Education India.	
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	
<b>Reference Books</b>		
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 FinancialMarkets and Institutions. Routledge.	
3.	Jones, F. M. (2014). Foundations of Financial Markets and Institutions. Pearson Education.	

4.	Bhole, L. M. (2004). Financial Institutions and Markets: Structure, Growth And Innovations, 4e. Tata McGraw-Hill Education.
5.	Dr.Gurusamy .S (2018) Financial Markets and Institutions,McGraw Hill Education India.
<b>Web Resources</b>	
1.	<a href="https://www.rbi.org.in">https://www.rbi.org.in</a>
2.	<a href="https://www.nseindia.com">https://www.nseindia.com</a>
3.	<a href="https://www.sebi.gov.in">https://www.sebi.gov.in</a>
4.	<a href="https://dpiit.gov.in/foreign-direct-investment/foreign-direct-investment-policy">https://dpiit.gov.in/foreign-direct-investment/foreign-direct-investment-policy</a>
5.	<a href="https://fifp.gov.in/">https://fifp.gov.in/</a>

**Mapping with Programme Outcomes:**

	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>
<b>CO 1</b>	3	3	3	3	3	3	3	3
<b>CO 2</b>	3	3	3	3	3	3	3	3
<b>CO 3</b>	3	3	2	2	3	3	3	3
<b>CO 4</b>	3	3	3	3	3	2	3	3
<b>CO 5</b>	3	3	3	3	3	3	3	3
<b>Weightage</b>	15	15	14	14	15	15	15	15
<b>Weighted percentage of course contribution to POS</b>	3.0	3.0	3.0	2.8	3.0	3.0	2.8	3.00

**S-Strong-3 M-Medium-2 L-Low-1**

**Level of Correlation between PSO's and CO's**

<b>CO /PO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	3	3	3	2	2
<b>CO2</b>	3	3	3	2	3
<b>CO3</b>	3	3	3	3	3
<b>CO4</b>	3	3	3	3	3
<b>CO5</b>	3	3	3	3	3
<b>Weightage</b>	15	15	15	13	14
<b>Weighted percentage of Course Contribution to PSOs</b>	3	3	3	2.6	2.8

**S-Strong-3 M-Medium-2 L-Low-1**

**THIRD YEAR - SEMESTER -VI**

Subject Code	Subject Name	Category	L	T	P	S	C r e d i t s	I n s t . H o u r s	Marks		
									C I A	E x t e r n a l	T o t a l
<b>U23DE08</b>	<b>URBAN ECONOMICS</b>	<b>DSEC-4</b>					3	5	25	75	100
Nature of the Course											
Relevant to Global need		Employability Oriented		✓	Addresses Professional Ethics						
Relevant to National need		Entrepreneurship Oriented			Addresses Gender Sensitization						
Relevant to Regional need		Skill Development Oriented			Addresses Environment and Sustainability						
Relevant to Local need			Addresses Human Values								
<b>Learning Objectives</b>											
C1	To know the role of Urban Economics and its growth structure										
C2	To understand the basic economic principles in Urban Economics.										
C3	To describes the various urban infrastructures and its functions										
C4	To provide understanding about urbanization and its aspects.										
C5	To familiarize the students about migration and its relevance in urban development.										
<b>UNIT</b>	<b>Contents</b>									<b>No. of Hours</b>	
I	<b>Introduction</b> Definition of Urban Economics- Nature and Scope of Urban Economics - Density, Urbanization - Definition of a City and Metropolitan area - Urban structure and Urban growth .									15	
II	<b>Concept, Causes and Problems of Urbanisation</b> Urbanization – Concept– Urban Morphology - Causes and Issues of Urbanization- Sustainable Urbanization.									15	

III	<b>Urban Infrastructure</b> Urban Infrastructure- Transportation – Electricity - Water Supply - Slums, Housing and Urban Renewal -Public Health.	16
IV	<b>Migration Theories</b> Theories of Rural Urban Migration –Ravenstein’s Law of Migration- Stouffer’s theory of Mobility- Lee’s theory- Reasons for Migration: Push and Pull factors.	14
V	<b>Policies for Urban Development</b> Policies and Programmes for Urban development - Measures to Control Urban Growth - Integrated Development of Small and Medium Towns- Smart Cities in India	15
	<b>Total</b>	<b>75</b>

Course Outcomes		Programme Outcomes
<b>Web Resources</b>		
1.	<a href="https://smartcities.gov.in/">https://smartcities.gov.in/</a>	
2.	<a href="http://www.moud.in/">http://www.moud.in/</a>	
3.	<a href="https://urbaneconomics.org/">https://urbaneconomics.org/</a>	
4.	<a href="https://www.iom.int/">https://www.iom.int/</a>	
5.	<a href="https://refugeesmigrants.un.org/">https://refugeesmigrants.un.org/</a>	
<b>Textbooks</b>		
1	Ahluwalia, I.J., Kanbur, R., & Mohanty, P.K. Urbanization in India, Sage Publications, New Delhi. (2014)	
2	Hartwick, John M, (2015) Urban Economics, Routledge.	
3	Arthur O' Sullivan, Urban Economics, Tata McGraw Hill, 2009.	
4	Douglas.M. Brown, " Introduction to Urban Economics", 2013	
5	John F. McDonald, Daniel P. McMillen, "Urban Economics and Real Estate: Theory and Policy", Wiley, 2011	
<b>Reference Books</b>		
1.	Briance A and Ravinder Singh, (edited) (1995), Housing the Urban Poor, Policy and Practice in Developing Countries, (Sage Publications, New Delhi).	
2.	Fred Durr (1971), The Urban Economy (London, Index Educational Publishers).	
3.	Harris Tondon (1973), Introduction to Urban Economic Analysis and Policy New York.	
4.	Lolyd R Dowin and Associates (1969), Planning Urban Growth and Regional Development (London :MT.Press).	
5.	Mark Garrett (1996), Transportation Planning (Sage Publications, New Delhi).	
CO	On completion of this course, students will	
1	Acquire knowledge on the subject matter of Urban Economics	PO1
2	Gain Knowledge on Urbanization and its Impact	PO1, PO2
3	Understand and analyse the Urban Infrastructure	PO1, PO2
4	Analyze the impact of Migration	PO2, PO4
5	Apply various ideas and policies in Urban Economics.	PO4

**Mapping with Programme Outcomes:**

	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>
<b>CO 1</b>	3	3	3	3	3	3	3	3
<b>CO 2</b>	3	3	3	3	3	3	3	3
<b>CO 3</b>	3	2	2	2	3	3	3	3
<b>CO 4</b>	3	3	3	3	3	3	3	3
<b>CO 5</b>	3	3	3	3	3	3	3	3
Weightage	15	14	14	14	15	15	15	15
Weighted percentage of course contribution to POS	3.0	3.0	3.0	2.8	3.0	3.0	3.0	3.00

**S-Strong-3 M-Medium-2 L-Low-1**

**Level of Correlation between PSO's and CO's**

<b>CO /PO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	3	2	3	2	3
<b>CO2</b>	3	3	3	2	3
<b>CO3</b>	3	3	2	3	3
<b>CO4</b>	3	3	2	3	3
<b>CO5</b>	3	3	2	3	3
<b>Weightage</b>	15	14	2	13	15
<b>Weighted percentage of Course Contribution to PSOs</b>	3	2.8	2.4	2.6	3

**S-Strong-3 M-Medium-2 L-Low-1**

**THIRD YEAR - SEMESTER -VI**

Subject Code	Subject Name	Category	L	T	P	S	C r e d i t s	I n s t . H o u r s	Marks		
									C I A	E x t e r n a l	T o t a l
U23PE 1	<b>GENERAL STUDIES FOR COMPETITIVE EXAMINATIONS</b>	<b>Professional Competenc y Skill</b>					2	2	25	75	10 0
Nature of the Course											
Relevant to Global need		Employability Oriented	✓	Addresses Professional Ethics							
Relevant to National need		Entrepreneurship Oriented		Addresses Gender Sensitization							
Relevant to Regional need		Skill Development Oriented	✓	Addresses Environment and Sustainability							
Relevant to Local need				Addresses Human Values							
<b>Learning Objectives</b>											
C1	create the opportunity for learning across different disciplines										
C2	build experiences for students as they grow into lifelong learners.										
C3	know the world climatic classification and its features										
C4	To build experiences for students as they grow into lifelong learners.										
C5	To know the history of modern India										
<b>UNIT</b>	<b>Contents</b>								<b>No. of Hours</b>		
I	<b>Polity</b> Basic concepts- Three organs of Indian Government (Executive, Legislature, Judiciary), Introduction to Indian Constitution- Salient features of Constitution, Preamble, Fundamental Rights, Fundamental Duties, Directive Principles of State Policy, Types of Majority, Amendments to the constitution, basic structure doctrine, Division of subjects between the Union and the States Local Governance, Elections in India and Election Commission, CAG								6		
II	<b>Geography</b> Major oceans of the world - Important Canals – Gulfs – Straits and Passes - Indian Rivers and its Tributaries - Climatology - Atmosphere, wind systems, cloud systems, world climatic								6		

	classification -Indian climate - Indian Monsoon - India's Physical Features, Indian Soil -Types and Distribution - Important Trade Routes and Projects, Indian Natural Vegetation - Indian agriculture- Major Crops and its distribution, Indian Industries and its Distribution	
III	<b>Economy</b> National Income – Inflation - Money and Banking - Agriculture in India - Union Budget - Planning in India – Poverty – Unemployment - Inclusive Development and Development issues - Industrial Policies - Financial Markets	6
IV	<b>History</b> Modern India -Formation of Indian National Congress - Morley Minto Reforms, Revolutionary activities - World War I and India's Response - Home Rule league - Montague Chelmsford reforms - Rowlatt Act - Non-Cooperation Movement - Simon Commission and Nehru Report - Civil Disobedience Movement and Round Table Conferences - Quit  India Movement and Demand for Pakistan - Cabinet Mission - formation of Constituent assembly and Partition of India	6
V	<b>Environment and Ecology</b> Basic concepts- Ecology, Biodiversity - Food Chain And Food Web - Bio-Geo Chemical Cycles -International Biodiversity Organisations - International Conventions - Conferences and Protocols - Indian Environmental Laws And Environment Related Organisations	6
	Total	<b>30</b>

Course Outcomes		Programme Outcomes
CO	On completion of this course, students will	
1	Develop broad knowledge of the different components in Polity	PO1,PO2
2	Understand the Geographical features across Countries and in India	PO1,PO2
3	Acquire Knowledge of the aspects of the Indian Economy	PO2,PO3
4	Understand the significance of India's Freedom Struggle	PO2,PO3
5	Gain Knowledge of Ecology and Environment	PO2,PO5
<b>Textbooks</b>		
1	Class XI and XII NCERT Geography	
2	History- Old NCERT's Class XI and XII	

3	Tamil Nadu State Board XI and XII History Books
4	History- VI to X NCERT
5	Economics - IX to XII NCERT
<b>Reference Books</b>	
1.	Laxmikanth.M(2019), Indian Polity, McGraw-Hill
2.	Ramesh Singh (2022), Indian Economy, McGraw Hill
3.	Leong,G.C Physical and Human Geography, Oxford University Press
4.	Majid Hussain, India Map Entries in Geography, GK Publications Pvt. Ltd.
5.	Majid Hussain - Environment and Ecology, GK Publications Pvt. Ltd
6.	Rajiv Ahir, A Brief History of Modern India- Spectrum Books Pvt Ltd
<b>Web Resources</b>	
1.	<a href="https://darpg.gov.in/en">https://darpg.gov.in/en</a>
2.	<a href="https://www.india.gov.in/topics/governance-administration">https://www.india.gov.in/topics/governance-administration</a>
3.	<a href="https://dea.gov.in/">https://dea.gov.in/</a>
4.	<a href="https://mausam.imd.gov.in/">https://mausam.imd.gov.in/</a>
5.	<a href="http://moef.gov.in/">http://moef.gov.in/</a>

**Mapping with Programme Outcomes:**

	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>
<b>CO 1</b>	3	3	3	3	3	3	3	3
<b>CO 2</b>	3	3	3	3	3	2	3	3
<b>CO 3</b>	3	2	2	2	3	3	3	3
<b>CO 4</b>	3	3	3	3	3	3	3	3
<b>CO 5</b>	3	3	3	3	3	3	3	3
<b>Weightage</b>	15	14	14	14	15	14	15	15
<b>Weighted percentage of course contribution to POS</b>	3.0	2.8	3.0	2.8	3.0	2.8	3.0	3.00

**Strong-3      M-Medium-2    L-Low-1**

**Level of Correlation between PSO's and CO's**

<b>CO /PO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	3	3	3	3	3
<b>CO2</b>	3	3	2	3	3
<b>CO3</b>	3	3	2	3	3
<b>CO4</b>	2	2	2	3	3
<b>CO5</b>	3	2	2	3	3
<b>Weightage</b>	14	13	11	15	15
<b>Weighted percentage of Course Contribution to PSOs</b>	2.8	2.6	2.2	3	3

**Strong-3      M-Medium-2    L-Low-1**

**GENERIC ELECTIVE  
COURSE OFFERED TO  
OTHER DEPARTMENT**

**SECOND YEAR-SEMESTER – III**  
**B.Sc.Geography**

Subject Code	Subject Name	Category	L	T	P	S	C r e d i t s	I n s t . H o u r s	Marks		
									C I A	E x t e r n a l	T o t a l
<b>U23GE13</b>	GENERAL ECONOMICS	Generic Elective					4	4	25	75	100
Nature of the Course											
Relevant to Global need		Employability Oriented	✓	Addresses Professional Ethics							
Relevant to National need		Entrepreneurship Oriented		Addresses Gender Sensitization							
Relevant to Regional need		Skill Development Oriented		Addresses Environment and Sustainability							
Relevant to Local need				Addresses Human Values							
<b>Learning Objectives</b>											
C1	Enable the students to know the economics, Factors of Production and Consumer Surplus										
C2	Analyse the concept of Poverty and its Eradication Programme and Reasons for Unemployment										
C3	Evaluate the Measuring National Income and analyse the functions of Money Measures to control Inflation										
C4	Understand the different structure of Market and Measures to control Inflation										
C5	Remembering of Public Finance and its components of Public Finance										
<b>UNIT</b>	<b>Contents</b>								<b>No. of Hours</b>		
I	<b>Introduction</b>										
									12		

	Definition of Economics - Factors of Production - Features of Land, Labour, Capital and Organisation - Law of Demand - Law of Diminishing Marginal Utility - Consumer's Surplus.	
II	<b>Poverty and Unemployment</b> Poverty - Meaning – Causes – Poverty Eradication Programme – Unemployment – Types – Causes of Unemployment - Basic Characteristics of Indian Economy	12
III	<b>National Income and Money</b> National Income: Concepts – Methods of Measuring National Income - Money – Functions – Importance - Defects of Money.	12
IV	<b>Market and Inflation</b> Market: Meaning – Features of Perfect Competition and Imperfect Competition: Monopoly, Monopolistic Competition and Oligopoly - Inflation: Meaning – Types – Causes for Inflation – Measures to control Inflation – Concept of Deflation.	12
V	<b>Public Finance and Trade</b> Meaning - Sources of Public Revenue – Types of Public Expenditure (SOC and EOC) - Causes of growing Public Expenditure-Public Debt: Meaning - Types - trade: Difference between Internal and International Trade- Free Trade and Protection. System (MIS).	12
	<b>Total</b>	<b>60</b>
<b>Course Outcomes</b>		<b>Programme Outcome</b>
CO	On completion of this course, students will	
1	Understand the meaning of basic concept, factors of production, consumer surplus	PO1
2	Acquire knowledge on poverty, poverty eradication programme understand the types & characteristics of unemployment.	PO2,PO1
3	To Understand the concepts of national income..	PO1
4	Acquire knowledge on various market and its equilibrium.	PO1,PO3
5	Evaluate the knowledge public finance & international trade.	PO1, PO2
<b>Textbooks</b>		
1.	Jhingan M.L., Advanced Economic Theory, Vrindha Publishing House, New Delhi.	

<b>Reference Books</b>	
1.	Ahuja H.L., Principles of Micro Economics, S.Chand & Sons, New Delhi.
2.	Maria John Kennedy M., Micro Economics, PHI Learning (P) Ltd., New Delhi.
3.	Tyagi B.P., Public Finance, Himalaya Publications, New Delhi.
4.	Jhingan M.L., Money, Banking and International Trade, Vrindha Publishing House, New Delhi.
<b>Web Resources</b>	
1.	<a href="http://www.econlib.org/library/enc/microeconomics.html">http://www.econlib.org/library/enc/microeconomics.html</a>
2.	<a href="https://www.tutor2u.net/economics">https://www.tutor2u.net/economics</a>
3.	<a href="https://www.economicnetwork.ac.uk/">https://www.economicnetwork.ac.uk/</a>
4.	<a href="https://www.cliffsnotes.com/study-guides/economics/introduction/microeconomics">https://www.cliffsnotes.com/study-guides/economics/introduction/microeconomics</a>
5.	<a href="http://neconomides.stern.nyu.edu/networks/micnotes/micnotes.pdf">http://neconomides.stern.nyu.edu/networks/micnotes/micnotes.pdf</a>

### Mapping with Programme Outcomes:

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
<b>CO 1</b>	3	3	3	3	3	3	3	3
<b>CO 2</b>	3	3	3	3	3	3	3	3
<b>CO 3</b>	3	3	3	3	3	3	3	3
<b>CO 4</b>	3	3	3	3	2	3	2	3
<b>CO 5</b>	2	2	2	2	2	3	2	3
Weightage	14	14	14	14	13	15	13	15
Weighted percentage of course contribution to POS	2.8	2.8	2.8	2.8	2.6	3.00	2.6	3.00

**S-Strong-3 M-Medium-2 L-Low-1**

### Level of Correlation between PSO's and CO's

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
<b>CO1</b>	3	3	3	2	2

<b>CO2</b>	3	3	2	2	2
<b>CO3</b>	3	3	3	3	3
<b>CO4</b>	3	3	3	2	2
<b>CO5</b>	3	3	3	2	2
<b>Weightage</b>	15	15	14	11	11
<b>Weighted percentage of Course Contribution to PSOs</b>	3	3	2.8	2.2	2.2

**SECOND YEAR-SEMESTER – IV**

**B.Sc.Geography**

<b>Subject Code</b>	<b>Subject Name</b>	<b>Category</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>S</b>	<b>Credits</b>	<b>Inst. Hours</b>	<b>Marks</b>		
									<b>CIA</b>	<b>External</b>	<b>Total</b>
<b>U23GE14</b>	<b>BANKING THEORY PRACTICE AND INSURANCE</b>	Generic Elective					4	4	25	75	100

Nature of the Course					
Relevant to Global need		Employability Oriented	✓	Addresses Professional Ethics	
Relevant to National need		Entrepreneurship Oriented		Addresses Gender Sensitization	
Relevant to Regional need		Skill Development Oriented		Addresses Environment and Sustainability	
Relevant to Local need				Addresses Human Values	
Learning Objectives					
C1	Trace the role of banks in a Developing Economy.				
C2	Define the terms banker and customer and their relationship.				
C3	Explain the methods of credit control				
C4	Differentiate banks from NBFIs				
C5	Sketch the functions of IRDA				
UNIT	Contents				No. of Hours
I	<b>Commercial Banks</b> Meaning – Unit Banking and Branch Banking – Functions of Commercial Banks - Role of Commercial Banks in a Developing Economy.				12
II	<b>Relationship of Banker and Customer</b> Meaning of Banker and Customer - Relationship between a Banker and a Customer: General and Special Relationship- Negotiable Instruments: Cheques, Bills of Exchange, Promissory Notes and Bank Drafts – Endorsement.				12
III	<b>Central Banking and RBI</b> Meaning – Difference between Central Bank and Commercial Bank – Credit Control Measures - Functions of RBI.				12
IV	<b>Non-Banking Financial Intermediaries</b> Meaning – Distinction between Banks and NBFIs – Role of NBFIs in economic Development – Types (Hire Purchase Finance Company, UTI, and SFC).				12
V	<b>Insurance</b> Meaning – Advantages of Life, Fire and Health Insurance - Functions of Insurance Regulatory and Development Authority (IRDA).				12
	<b>Total</b>				<b>60</b>
Course Outcomes				Programme Outcome	
CO	On completion of this course, students will				
1	Recollect the financial tools and methods of banking operations				PO1,PO2

2	Understand and describe the central banking operations.	PO1,PO2
3	Explain the measures of credit control & function of RBI.	PO1, PO4
4	Evaluate the role of Non Banking Financial Intermediaries & Explain various types of Finance Company.	PO1, PO2,PO4
5	Evaluate the various types of insurances.	PO1,PO3,PO4
<b>Textbooks</b>		
1.	Gordon – Natarajan, Banking Theory, Law and Practice, Himalaya Publishing House, New Delhi.	
<b>Reference Books</b>		
1.	Periasamy P., Principles and Practice of Insurance, Himalaya Publishing House, New Delhi	
2.	Gordon and Natarajan, Banking Theory – Law and Practice, Himalaya Publishing House, New Delhi	
3.	Jhingan M.L., Money, Banking and International Trade, Vrinda publications (P) Ltd., New Delhi.	
4.	Santhanam B., Banking Theory – Law and Practice, Margham Publications, Chennai	
<b>Web Resources</b>		
1.	<a href="https://www.irdai.gov.in">https://www.irdai.gov.in</a>	
2.	<a href="https://rbi.org.in">https://rbi.org.in</a>	
3.	<a href="https://www.studocu.com">https://www.studocu.com</a>	
4.	<a href="https://www.indiapost.gov.in/Financial/Pages/Content/pli.aspx">https://www.indiapost.gov.in/Financial/Pages/Content/pli.aspx</a>	
5.	<a href="https://licindia.in/">https://licindia.in/</a>	

**Mapping with Programme Outcomes:**

	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>
<b>CO 1</b>	3	3	3	3	3	3	3	3
<b>CO 2</b>	3	3	2	3	3	3	3	3
<b>CO 3</b>	3	3	3	2	2	3	3	3
<b>CO 4</b>	3	3	3	3	3	2	3	3
<b>CO 5</b>	3	3	3	3	3	3	2	3
Weightage	15	15	14	14	15	14	14	15
Weighted percentage of course contribution to POS	3.0	3.0	2.8	2.8	2.8	2.8	2.8	3.00

**S-Strong-3 M-Medium-2 L-Low-1**

**Level of Correlation between PSO's and CO's**

<b>CO /PO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	3	3	3	3	2
<b>CO2</b>	3	3	3	2	2
<b>CO3</b>	2	2	3	3	2
<b>CO4</b>	3	3	3	3	3
<b>CO5</b>	3	3	3	2	2
<b>Weightage</b>	14	14	15	13	11
<b>Weighted percentage of Course Contribution to PSOs</b>	2.8	2.8	3	2.6	2.2

**S-Strong-3 M-Medium-2 L-Low-1**