

2023 - (T)

UG

PG & RESEARCH DEPARTMENT OF ECONOMICS


**RAJAH SERFOJI GOVERNMENT COLLEGE
(AUTONOMOUS),
THANJAVUR - 613005.**

**REPORT OF THE BOARD OF STUDIES MEETING
CONVENED ON 24.07.2023 at 11.30AM**

The Meeting of Board of Studies in Economics is convened on 24.07.2023(Monday) to finalize the curriculum structure and syllabus for the degree of BA, MA and M.Phil Economics at the department of Economics, Rajah Serfoji Government College (Autonomous), Thanjavur. The minutes moved in the board of studies meeting are enlisted here under.

1. The new curriculum structure and syllabus found in annexure has been analysed and finalized after deep deliberations of the board.
2. Course introduced in the context of current needs and recent developments are allowed.
3. The curriculum structure and core courses given by Tamil Nadu Council for Higher Education (TANCHE) should be adopted fully.
4. The number of teaching hours and credits allotted for each course may be followed.
5. The question pattern for all the UG and PG Programmes may be followed as in the given pattern attached in each course.
6. The board give approval to change the SEC course based on the courses implemented by the government for the welfare of the students.
7. The department library and general library should be equipped with more relevant books as per the proposed syllabus for all programmes in Economics department.
8. The suggestions given by the board should be resolved in the new syllabus before execution.
9. The framed syllabus shall be in vogue until next board of studies is necessitated to be convened for proposing a new syllabus frame work for all Economics department programmes.
10. History subject is for the current one year (2023 - 2024) only for benefit of the existing staff Prof. R. GOVINDARAJ.
11. NAAN MUDHALVAN syllabus includes UG and PG Economics Programmes.
12. Finally, the board give its approval for the new syllabus for the students who were admitted from 2023-2024 in the programmes of Economics department.


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PG AND RESEARCH DEPARTMENT OF ECONOMICS

CHAIRPERSON		
1.	Dr. P. JAYAKUMAR, Controller of Examinations & Head, PG & Research Department of Economics, Rajah Serfoji Government College(A), Thanjavur – 613 005.	
EXTERNAL MEMBERS		
2.	UNIVERSITY REPRESENTATIVE NOMINEE Dr. S. SEETHALAKSHMI, Associate Professor & Head, Department of Economics, Bishop Heber College(A), Trichy - 620017	
SUBJECT EXPERTS FROM OUTSIDE		
3.	Dr. P. BALAMURUGAN, Professor of Economics, Department of Economics, Central University, Thiruvavur.	<i>P. Balamurugan</i>
4.	Dr. S. GAYATHRI, Associate Professor in Economics & Principal, Bon Secours Women College, Dindugal.	<i>S. Gayathri</i>
REPRESENTATIVE FROM INDUSTRY		
5.	Mr. S. CHAKRAVARTHY, Senior Manager, Indian Overseas Bank, Nilagirivattam branch, Thanjavur.	<i>S. Chakravarthy</i>
PG MERITORIOUS ALUMINI		
6.	Dr. S. BOOPATHY, Professor of Economics, Bharathiyar University, Coimbatore.	
SUBJECT EXPERTS FROM DEPARTMENT		
7.	Dr. A. ARULRAJ, Asst. Professor in Economics	
8.	Dr. M. MALARVIZHI, Asst. Professor in Economics	<i>M. Malavizhi 24/7/23</i>
9.	Dr. M. SANTHANALAKSHMI, Asst. Professor in Economics	<i>M. Santhanalakshmi 24/7/23</i>
10.	Dr. M. SANTHANARAJ, Asst. Professor in Economics	<i>M. Santhanaraj 24/7/23</i>
11.	Dr. D. JEYANTHI, Guest Lecturer in Economics	<i>D. Jeyanthi</i>
12.	Dr. D. ANBALAGAN, Guest Lecturer in Economics	<i>D. Anbalagan 24/7/23</i>
13.	Dr. B. ANITHA, Guest Lecturer in Economics	<i>B. Anitha 24/7/23</i>
14.	Dr. A. KAYALVIZHI, Guest Lecturer in Economics	<i>A. Kayalvizhi 24/7/23</i>

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PG & RESEARCH DEPARTMENT OF ECONOMICS**

**B.A. Economics Curriculum Design- 2023 July Onwards
First Year Semester-I**

Part	Course	Subject Code	List of Courses	Credit	Hours per week (L/T/P)	Exam Hours	Marks		Total
							Int.	Ext.	
I	LT1	TITI	Language –Tamil	3	6	3	25	75	100
II	LE1	TIE1	English	3	6	3	25	75	100
III	CC1	TIEC1	Micro Economics- I	5	5	3	25	75	100
III	CC2	TIEC2	Statistics for Economics-I	5	5	3	25	75	100
III	EC1	TIECSE1	Generic or Discipline specific Elective Course – I	3	4	3	25	75	100
IV	SEC1	TIECSE1	Demography	2	2	3	25	75	100
IV	FC	ECFC	Foundation Course - Business Communication	2	2	3	25	75	100
Total				23	30				

SEMESTER-II

Part	Course	Subject Code	List of Courses	Credit	Hours per week (L/T/P)	Exam Hours	Marks		Total
							Int.	Ext.	
I	LT2		Language –Tamil	3	6	3	25	75	100
II	LE2		English	3	6	3	25	75	100
III	CC3		Micro economics II	5	5	3	25	75	100
IV	CC4		Statistics for Economics II	5	5	3	25	75	100
III	EC2		Generic or Discipline specific Elective Course – II	3	4	3	25	75	100
IV	SEC2		Economics' For Investors	2	2	3	25	75	100
IV	SEC3		Computer Application in Economics	2	2	3	25	75	100
Total				23	30				

SECOND YEAR SEMESTER-III

Part	Course	Subject Code	List of Courses	Credit	Hours per week (L/T/P)	Exam Hours	Marks		Total
							Int.	Ext.	
I	LT3		Language –Tamil	3	6	3	25	75	100
II	LE3		English	3	6	3	25	75	100
III	CC5		Macroeconomics - I	5	5	3	25	75	100
III	CC6		Mathematics For Economics	5	5	3	25	75	100

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III	EC3		Generic or Discipline specific Elective Course –III	3	4	3	25	75	100
IV	SEC4		Entrepreneurial Economics	1	1	2	25	75	100
IV	SEC5		Event Management (Entrepreneurial Skill)	2	2	2	25	75	100
IV	EVS		Environmental Studies	-	1	-	-	-	-
Total				22	30				


SEMESTER-IV

Part	Course	Subject Code	List of Courses	Credit	Hours per week (L/T/P)	Exam Hours	Marks		Total
							Int.	Ext.	
I	LT4		Language –Tamil	3	6	3	25	75	100
II	LE4		English	3	6	3	25	75	100
III	CC7		Macroeconomics II.	5	5	3	25	75	100
III	CC8		Indian Economy	5	5	3	25	75	100
III	EC4		Generic or Discipline specific Elective Course – IV	3	3	3	25	75	100
IV	SEC6		Basic Accountancy	2	2	2	25	75	100
IV	SEC7		Modern Banking and Insurance	2	2	2	25	75	100
IV	EVS		Environmental Studies	2	1	2	25	75	100
Total				25	30				

- THIRD YEAR SEMESTER-V

Part	Course	Subject Code	List of Courses	Credit	Hours per week (L/T/P)	Exam Hours	Marks		Total
							Int.	Ext.	
III	CC9		Monetary Economics	4	5	3	25	75	100
III	CC10		Fiscal Economics	4	5	3	25	75	100
III	CC11		Industrial Economics	4	5	3	25	75	100
III	CC12		Environmental Economics	4	5	3	25	75	100
III	EC5		Discipline specific Elective Course – V	3	4	3	25	75	100
III	EC6		Discipline specific Elective Course – VI	3	4	3	25	75	100
IV	VE		Value Education	2	2	2	25	75	100
IV			Internship / Industrial Training	2	-	-	-	-	-
Total				26	30				


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SEMESTER-VI

Part	Course	Subject Code	List of Courses	Credit	Hours per week (L/T/P)	Exam Hours	Marks		Total
							Int.	Ext.	
III	CC13		International Economics	4	6	3	25	75	100
III	CC14		Development Economics	4	6	3	25	75	100
III	CC15		Agricultural Economics.	4	6	3	25	75	100
III	EC7		Discipline specific Elective Course – VII	3	5	3	25	75	100
III	EC8		Discipline specific Elective Course – VIII	3	5	3	25	75	100
IV	PCS		General Studies for Competitive Examinations	2	2	2	25	75	100
V			Extension Activity	1	-	-	-	-	-
Total				21	30				

Total Credits : 140

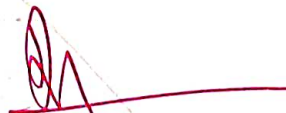
Consolidated Semester wise and Component wise Credit distribution


Parts	Sem I	Sem II	Sem III	Sem IV	Sem V	Sem VI	Total Credits
Part I	3	3	3	3	-	-	12
Part II	3	3	3	3	-	-	12
Part III	13	13	13	13	22	18	92
Part IV	4	4	3	6	4	2	23
Part V	-	-	-	-	-	1	1
Total	23	23	22	25	26	21	140

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

Generic Elective

1. Management Practices
2. Stock Exchanges Practices
3. Banking Practices
4. Airport Economics
5. Fundamental of Management
6. Introduction of sociology
7. History of Economics Thought
8. Introduction of E- Commerce
9. Principles of Marketing
10. Economics of Tourism
11. Indian Political Thought
12. Modern Governments


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Discipline Specific Elective

1. Tamilnadu Economics
2. Managerial Economics
3. Operational Research
4. Gender Economics
5. Basic Econometrics
6. Behavioural Economics
7. Financial Market & Institutions
8. Urban Economics
9. Mathematical Economics
10. Environmental Economics

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B.A. Economics

August 2022

1

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**TANSCH REGULATIONS ON LEARNING OUTCOMES-BASED CURRICULUM FRAMEWORK
FOR UNDERGRADUATE EDUCATION**

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

	PO 1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
PSO 1	Y	Y	Y	Y	Y	Y	Y	Y
PSO 2	Y	Y	Y	Y	Y	Y	Y	Y
PSO3	Y	Y	Y	Y	Y	Y	Y	Y
PSO 4	Y	Y	Y	Y	Y	Y	Y	Y
PSO 5	Y	Y	Y	Y	Y	Y	Y	Y

CREDIT DISTRIBUTION FOR ALL UG OTHER THAN B.Com ,BBA and BCA

3 – Year UG Programme in Economics (B.A Economics)			
Credits Distribution			
		No. of Papers	
		Credits	
Part I	Tamil (3 Credits)	4	12
Part II	English (3 Credits)	4	12
Part III	Core Courses (4 Credits)	15	60
	Elective Courses :Generic / Discipline Specific (3 Credits)	8	24
		Total	108
Part IV	NME(2 Credits)	2	4
	Ability Enhancement Compulsory Courses Soft Skill(2 Credits)	4	8
	Skill Enhancement Courses (7 courses)		13
	Entrepreneurial Skill -1 Professional Competency Skill Enhancement Course	1	2
	EVS(2 Credits)	1	2
	Value Education (2 Credits)	1	2
			Part IV Credits
Part V	Extension Activity (NSS / NCC / Physical Education)		1
		Total Credits for the UG Programme in Economics	140

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4


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Third Year – Semester – V			
Part	List of Courses	Credits	No. of Hours
Part III	Core Course IX Monetary Economics	4	5
	Core Course X Fiscal Economics	4	5
	Core Course XI Industrial Economics	4	5
	Core Course / Project with Viva Voce CC - XII 1.Environmental Economics(OR) 2. Project	4	5
	Discipline Specific Elective- V 1. Tamil Nadu Economy (OR) 2. Managerial Economics	3	5
	Discipline Specific Elective- VI 1. Operations Research(OR) 2. Gender Economics	3	5
Part IV	Value Education	2	2
	Summer Internship/Industrial Training	2	-
TOTAL		26	30
Third Year – Semester – VI			
Part	List of Courses	Credits	No. of Hrs
Part III	Core Course XIII International Economics	4	6
	Core Course XIV Development Economics	4	6
	Core Course XV Agricultural Economics	4	6
	Discipline Specific Elective - VII 1. Basic Econometrics(OR) 2.Behavioural Economics	3	5
	Discipline Specific Elective -VIII 1.Financial Markets and Institutions(OR) 2.Urban Economics	3	5
Part IV	Extension Activity	1	-
	Professional Competency Skill General Studies for Competitive Examinations	2	2
TOTAL		21	30

TOTAL CREDITS: 23 +23 +23 +24+26+21 =140 Credits



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Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst.	Marks		
									CIA	External	Total
T1EC1	MICROECONOMICS-I	Core-I					4	5	25	75	100

Learning Objectives

- 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	Contents	No. of Hours
I	Basic Concepts Definitions of Economics- Nature and Scope of Microeconomics -Positive and Normative Approaches- Inductive and Deductive Approaches - Consumers and Firms - Decision Making-Rationality: Self-Interest - Trade-offs -Fundamental Economic Problems -Market Mechanism and Resource Allocation.	15
II	Utility Analysis Utility-Ordinal and Cardinal Utility-Total and <u>Marginal Utility</u> - Law of <u>Diminishing Marginal Utility</u> - Law of <u>Equi-Marginal Utility</u> - Indifference Curves- Properties- <u>Marginal Rate of Substitution</u> - Budget Line - Price and <u>Substitution Effects</u> - Optimal Consumer Choice - Revealed Preference Theory - Samuelson and Hicks' Approach	18
III	Demand and Supply Analysis Demand - Types of Goods - <u>Law of Demand</u> - Determinants - Exceptions - Giffen Paradox - Veblen Effect- <u>Elasticity of Demand</u> : Types - Engel's Law -Supply - Law of Supply -Determinants - <u>Elasticity of Supply</u> and its Types- Market Equilibrium - Consumer Surplus and Producer Surplus	15
IV	Production Analysis Production Function- <u>Law of Variable Proportions</u> - <u>Laws of Returns to Scale</u> -Isoquant's-Types of <u>Production Function</u> - Cobb -Douglas and Constant Elasticity of Substitution(CES) Production Function -Economies and Diseconomies of Scale	15
V	Cost and Revenue Concepts <u>Costs</u> - <u>Fixed and Variable Costs</u> - <u>Average, Marginal, and Total Costs</u> - <u>Short Run and Long Run Costs</u> - <u>Implicit, Explicit, Sunk and Imputed Cost</u> - <u>Revenue</u> - Total, <u>Average and Marginal Revenue</u> -Relationship between AR, MR and Elasticity of Demand- Profit Maximization Rule.	12
Total		75

Course Outcomes		Programme Outcomes
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.	Understand the meaning of Production Functions	PO1
5.	Understand the theory of firms, Cost and Revenue	PO1



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Textbooks

1.	Robert Pindyck and Daniel L. Rubinfeld, (2001) Micro Economics, Macmillan
2.	Hal R. Varian (2004). Intermediate Micro Economics (East-West Press: New Delhi)
3.	Paul Krugman and Robin Wells, Micro Economics, Worth Publishers, 2020.
4.	Ahuja H.L (2016) Principles of Microeconomics, S.Chand
5.	Timothy Taylor, Steven A Greenlaw and David Shapiro (2017) Principles of Economics, 12 th Media Services.

Reference Books

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

Web Resources

1.	http://www.econlib.org/library/enc/microeconomics.html
2.	https://www.tutor2u.net/economics
3.	https://www.economicnetwork.ac.uk/
4.	https://www.cliffsnotes.com/study-guides/economics/introduction/microeconomics
5.	http://neconomides.stern.nyu.edu/networks/micnotes/micnotes.pdf

Mapping with Programme Outcomes:

	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
Weighted percentage of Course Contribution to PSOs	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		
									CIA	Externa	Total
TIEC2	STATISTICS FOR ECONOMICS – I	Core-II					4	5	25	75	100

Learning Objectives

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

UNIT	Contents	No. of Hours
I	Introduction and Collection of Data Introduction – Nature and Scope of Statistics – Uses and Limitations of Statistics – Data Collection – Primary and Secondary Data –Tools for collecting Primary Data – Requisites of Good Questionnaire – Sources of Secondary Data.	15
II	Classification and Presentation of Data 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	Measures of Central Tendency Measures of Central Tendency- Requisites of a Good Average – Arithmetic Mean, Median, and Mode – Relative Merits and Demerits.	15
IV	Measures of Dispersion Absolute and Relative Measures of Dispersion – Range – Quartile Deviation – Mean Deviation – Standard Deviation – Variance - Coefficient of Variation –Skewness and Kurtosis.	15
V	Correlation and Regression 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
Total		75

Course Outcomes		Programme Outcomes
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

Textbooks

1	Gupta. S.P (2005) Statistical Methods, Sultan Chand and Sons, New Delhi.
2	Sancheti. D.C and Kapoor V.K(2005) Statistical Theory Method and Application, Sultan Chand and Sons, New Delhi.
3	Dr.T.K.V.Iyengar, Dr.B.Krishna Gandhi S.Ranganantham, Dr.M.V.S.S.N Prasad, Probability and Statistics, S.Chand and Co, 2020.
4	Prof S.G.Vekatachalapathy and Dr.H.Premraj (2018) Statistical Methods Margham Publications.

10

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- 5 | Dominick Salvatore and Derrick Reagle, theory and problems of statistics and econometrics, Mc Graw Hill, (2002)

Reference Books

1. | Saxena H.C , (2016) Elementary Statistics, S Chand and Company New Delhi.
2. | Elhance D.N, (2004), Fundamentals of Statistics Kitab Mahal, New Delhi
3. | Manoharan M (2010), "Statistical Methods", Palani Paramount Publications, Palani.
4. | R.S.N.Pillai and V. Bagavathi(2010), Statistics, Sultan Chand and Sons, New Delhi
5. | Dr.S.Sachdeva (2014) Statistics -Lakshmi Narain Agarwal.

Web Resources

1. | <https://www.cuemath.com/data/statistics/>
2. | <https://stattrek.com/statistics/resources>
3. | <https://testbook.com/learn/maths-mean-median-mode/>
4. | <https://www.statistics.com/>
5. | <https://thisisstatistics.org/students/>

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	3	2	2	2	3	3	3	3
Weightage	15	14	14	14	14	15	14	15
Weighted percentage of course contribution to POS	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

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



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FIRST YEAR –SEMESTER- I

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
	Fundamentals of Management	Generic Elective-I					3	4	25	75	100
Learning Objectives											
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.										
UNIT	Contents										No. of Hours
I	Introduction Management – Definition- scope – Schools of Thought in Management-Levels of Management-Role and Functions of a Manager										15
II	Planning Planning: Concept, Objectives, Nature, Limitation, Process of planning, Importance, Forms, Techniques and Process of decision making.										15
III	Organisational Levels Types of Business Organizations – Structure- Span of Control – Departmentalisation-Selection, Training and Development, Performance Management, Career Planning ,and Management										15
IV	Directing Creativity and Innovation – Motivation and Satisfaction – Organization Culture – Elements and Types of Culture – Managing Cultural Diversity.										15
V	Controlling Process of Controlling – Types of Control – Budgetary and non-budgetary, Control Techniques – Managing Productivity – Cost Control – Purchase Control –Maintenance Control – Quality Control – Planning Operations.										15
Total										75	
Course Outcomes							Programme Outcomes				
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				
Textbooks											
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)										
Reference Books											
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
Web Resources	
1.	http://www.mim.ac.mw/books/Fundamentals%20of%20Management.pdf
2.	https://theintactone.com/2019/09/18/fom-ul-topic-1-fundamentals-of-management-introduction-and-concepts/
3.	https://rccmindore.com/wp-content/uploads/2015/06/Fundamentals-of-Management.pdf
4.	https://in.sagepub.com/en-in/sas/journal-of-management/journal201724
5.	https://www.managementstudyhq.com/evolution-management-thought-theories.html

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	3	3
CO 5	3	2	3	2	3	2	3	3
Weightage	15	14	15	14	14	14	15	15
Weighted percentage of course contribution to POS	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

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



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Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
	INTRODUCTION TO SOCIOLOGY	Generic Elective- I					3	4	25	75	100
Learning Objectives											
C1	To understand the nature and scope of sociology and its development										
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										
UNIT	Contents										No. of Hours
I	Introduction 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										15
II	Basic Concepts of Sociology Society, Community, Institutions, Association, Social Structure, Status – Role, Norms, and Values; Folkways and Mores, Associative and Dissociative processes – Cooperation-Assimilation-Accommodation- Competition and Conflict										15
III	Individual and Society Individual and Society- Socialization- Stages and Agencies of Socialization- Types of Groups – Primary and Secondary Groups, In-Group and Out-group, Reference Group.										15
IV	Social Stratification Social Stratification: Meaning, Definition and Dimensions –Social mobility and its determinants.										15
V	Social Change Meaning and Types: Evolution and Revolution, Progress and Development — Factors of Social Change-Culture and Civilization										15
Total										75	
Course Outcomes							Programme Outcomes				
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				
Textbooks											
1	Bottomore, T.B. (1972). Sociology: A guide to problems and literature. Bombay.										
2	Jayaram, N. (1988). Introductory sociology. Madras: Macmillan India.										
3	Sachdeva Vidya Bhushan D.R.(2020) An Introduction to Sociology, Kitab Mahal										
4.	John.J.Macionis, "Sociology", Pearson, 17 th edition, 2018										
5.	C.N Shankar Rao, "Sociology: Principles of Sociology with an Introduction to Sociology Thought", S.Chand Publication, 2019										
Reference Books											

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
Web Resources	
1.	https://data.worldbank.org/indicator/SP.POP.TOTL
2.	https://www.iom.int/
3.	https://libguides.humdolt.edu
4.	https://openstax.org/books/introduction-sociology-3e/
5.	https://www.sociologygroup.com/important-books-free-notes-sociology-optional/

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	3	3	2	3	2	3	3
Weightage	14	14	14	14	14	15	14	15
Weighted percentage of course contribution to POS	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

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



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FIRST YEAR – SEMESTER- I

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks			
									CIA	External	Total	
	TIFCSE I											
	DEMOGRAPHY	SEC-I					2	7 5	25	75	100	
Learning Objectives												
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	To evaluate the international aspects of population growth and tis environment											
C5	To analyse the trends in population policy in India											
UNIT	Contents											No. of Hours
I	Introduction Meaning Scope of Demography – Components of Population Growth – Theories of Population: Malthusian Theory, Optimum Theory and Theory of Demographic Transition.											15
II	Birth Rate, Death Rate and Fertility Census Data - Life Tables: Meaning and Uses – Reproductive and Child Health in India – Temporal and Spatial Variation in Sex Ratios – Crude Birth and Death Rate- Age Specific Birth and Death Rates – Standardized Birth and Death Rates –Fertility – Total Fertility Rate – Gross Reproduction Rate – Net Reproduction Rate											16
III	Migration and Urbanisation Migration and Urbanisation – Concept - Types of Migration- Effects of Migration and Urbanisation on Population— Recent Trends in Migration.											14
IV	Population Trends 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.											15
V	Population Policy in India Population Policy in India and its Evaluation – Population and Strategies for Human Development of Different Social Groups –National Population Commission.											15
Total											75	
Course Outcomes								Programme Outcomes				
CO	On completion of this course, students will											
1	Describe the various theories of Population Growth							PO1, PO7				
2	Understand Demographic Indicators							PO2, PO3				
3	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				
Textbooks												
1	Jhingan, M. L, B.K. Bhatt, J.N. Desan (2003) Demography, Vrinda Publications, New Delhi											

2	Rajendra K. Sharma (2007), Demography and Population Problems, Atlantic Publishers and Distributors Pvt. Ltd.
3.	Jennifer Hickes Lundquist, Douglas L. Anderton and David Yaukey, "Demography: The Study of Human Population", Waveland Press Inc, 2015
4.	Dudley L. Poston, Jr. and Leon F. Bouvier, "Population and Society: An Introduction to Demography", Cambridge University Press, 2015
5.	Richard.K Thomas, "Concepts, Methods and Practical Applications in Applied Demography", Springer,2018
Reference Books	
1.	Agarwala S.N. (1985), India's Population Problem, Tata McGraw-Hill, Bombay.
2.	Bhende, A. and T.R. Kanitkar (1982), Principles of Population Studies, Himalaya Publishing House, Bombay.
3.	Bogue, D.J. (1969), Principles of Demography, John Wiley, New York
4.	Sarah Harper (2018), Demography: A Very Short Introduction, Oxford Press 2018.
5.	Peter R. Cox, Demography- 5 th Edition, Cambridge University Press.
Web Resources	
1.	https://data.worldbank.org/indicator/SP.POP.TOTL
2.	https://www.iom.int/
3.	https://censusindia.gov.in
4.	https://www.nationalgeographic.org/encyclopedia/demography/
5.	https://www.nature.com/scitable/knowledge/library/introduction-to-population-demographics-83032908/

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	3	3	3	2	3	2	3	3
Weightage	15	14	15	14	14	15	14	15
Weighted percentage of course contribution to POS	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

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

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FIRST YEAR-SEMESTER - I - SKILL ENHANCEMENT FOUNDATION COURSE

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks	
									CIA	Total
<i>Ecfc</i>										
	BUSINESS COMMUNICATION	Skill Enhancement Foundation					3	4	25	75
Learning Objectives										
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									
UNIT	Contents									No. of Hours
I	Communication 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									15
II	Communication in Management Management and Communication: Need and Importance of Communication in Management - Corporate Communication - Communication Training for Managers - Communication Structure in an Organization.									15
III	Business Letters 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.									18
IV	Correspondence Correspondence: Bank Correspondence - Insurance Correspondence - Agency Correspondence - Import-Export Correspondence									15
V	Report Writing 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.									12
Total									75	
Course Outcomes						Programme Outcomes				
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				

Textbooks

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 Knowledge, 2010
5.	Virander K. Jain, "Business Communication", S. Chand Limited, 2008

Reference Books

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

Web Resources

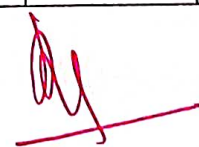
1.	https://www.managementstudyguide.com/business_communication.htm
2.	https://studiousguy.com/business-communication/
3.	https://www.indeed.com/career-advice/resumes-cover-letters/business-communication-skills
4.	https://www.softskillsaha.com/what-is-meaning-of-business-communication-skills.php
5.	https://www.mindtools.com/page8.html

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	3	3	3	2	3	2	3	3
Weightage	15	14	15	14	14	15	14	15
Weighted percentage of course contribution to POS	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

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



19

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FIRST YEAR - SEMESTER II

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
T2EC3											
	MICROECONOMICS-II	Core -III					4	5	25	75	100
Learning Objectives											
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										
UNIT	Contents										No. of Hours
I	Perfect Competition Features of Perfect Competition – Equilibrium of the firm and the industry in the Short Run - Long-Run Equilibrium in Perfect Competition- Time Element Analysis.										14
II	Monopoly and Price Discrimination 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	Monopolistic and Oligopoly Competition Monopolistic Competition–Features– Product Differentiation–Market Equilibrium and Short Run and Long Run- Barriers to Entry – Group and Industry Equilibrium– Excess Capacity -Oligopoly – Kinked Demand Curve – Collusion – Cartels and Price Leadership –Game Theory – Minimax – Maximin – Nash Equilibrium.										16
IV	Distribution Theory Functional and Personal Distribution – Marginal Productivity Theory of Distribution – Product Exhaustion Theorem - Concepts of VMP and MRP.										14
V	Welfare Economics and General Equilibrium Welfare Criteria – Adam Smith – Edgeworth – Pareto - Kaldor – Market Failure – Externalities – Walrasian General Equilibrium – Static Properties for Consumption, Production, and Distribution.										16
Total										75	
Course Outcomes							Programme Outcomes				
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				
Textbooks											
1.	Robert Pindyck and Daniel L.Rubinfeld,(2001) Micro Economics, Macmillan.										

2.	Hal R. Varian (2004), Intermediate Micro Economics East-West Press: New Delhi.
3.	Walter Nicholson and Christopher Snyder, Micro Economic Theory - Basic Principles and Extensions, Cengage Learning India Pvt, Ltd, 12th Edition, 2016.
4.	Paul Krugman and Robin Wells, Micro Economics, Worth Publishers, 2020.
5.	Timothy Taylor, Steven A Greenlaw and David Shapiro (2017) Principles of Economics, 12 th Media Services.
Reference Books	
1.	Koutsoyiannis (2003), Modern Microeconomics, Palgrave Macmillan (UK) 2 nd Edition.
2.	Gregory Mankiw (2012), Principles of Microeconomics Cengage India.
3.	Case & Fair, Principles of Economics Myeconlab series 8 th Edn.
4.	Mansfield, Edwin and Yohe, Gary (2010): Microeconomics 4 th ed, Viva-Norton Indian Edition
5.	Ferguson C.E. (1970), Micro Economic Theory, (Homewood, U.S.A)
Web Resources	
1.	https://open.umn.edu/opentextbooks/subjects/economics
2.	https://global.oup.com
3.	https://www.economicsnetwork.ac.uk
4.	https://edge.sagepub.com/sextonmicro8e
5.	https://www.aeaweb.org/resources/students

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	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

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

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FIRST YEAR - SEMESTER II

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks			
									CIA	External	Total	
	T2EC4											
	STATISTICS FOR ECONOMICS-II	Core-IV					4	5	25	75	100	
Learning Objectives												
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											
UNIT	Contents											No. of Hours
I	Index Numbers Index Numbers – Methods – Unweighted and Weighted Index Numbers – Aggregate and Relative Index Numbers – Chain and Fixed based Index Numbers – Test of Adequacy of Index Numbers – Wholesale Price Index – Consumer Price Index – Cost of Living Index.											15
II	Time Series Analysis Definition– Components and Measurement– Graphic Method - Methods of Semi Average, Moving Averages and Method of Least Squares – Uses of Time Series Analysis.											15
III	Theory of Probability 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	Sampling Sampling – Census and Sample Method – Theoretical Basis of Sampling – Methods of sampling – Random and Non –Random Sampling - Size of Sample – Merits and Limitations of Sampling – Sampling and Non- Sampling Errors.											15
V	Testing of Hypothesis 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
	Total											75 hours
Course Outcomes							Programme Outcomes					
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					
Textbooks												
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.
Reference Books	
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 and econometrics, Mc Graw Hill, (2002)
Web Resources	
1.	https://stattrek.com/statistics/resources
2.	https://www.cuemath.com/data/f-test/
3.	https://www.statistics.com/
4.	https://thisisstatistics.org/students/
5.	https://oli.cmu.edu/courses/probability-statistics-open-free/

Mapping with Programme Outcomes:


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

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


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FIRST YEAR - SEMESTER II

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks	
									CIA	Total
	HISTORY OF ECONOMIC THOUGHT	Generic Elective-II					3	4	25	75

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

UNIT	Contents	No. of Hours
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I	Pre-Classical Thought Nature and Scope of Economic Thought-Mercantilism: Growth of Mercantilism- Main Principles – Important Mercantilists- Physiocracy - Main concepts - Important Physiocrats	18
II	Classical Economists and Karl Marx Adam Smith- Division of Labour- Theory of Value- Laissez Faire- Canons of Taxation - Ricardo: Theory of Rent - Comparative Advantage Theory of Trade- Malthus-Theory of Population –Theory of Gluts –Karl Marx-Theory of Surplus Value -Breakdown of the Capitalist System	15
III	Neo-Classical and Institutional Thought The Marginalist Revolution- Marshall: Value and Role of Time – Marginal Utility and Consumer's Surplus – Distribution – Marshallian Concepts – Representative Firm, Economies of Scale, Quasi-Rent- Institutional Economics – Veblen – Mitchell – J.R.Commons.	15
IV	Keynesian Revolution and Modern Thought 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	Nobel Laureates in Economics and Indian Economic Thought 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.	15
Total		75

Course Outcomes

Programme Outcomes

CO	On completion of this course, students will	Programme Outcomes
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

24

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5	Understand the contribution of Nobel Laureates and Indian Economic Ideas	PO1,PO2,PO8
Textbooks		
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, Virmda Publication 2014.	
5	R.R.Paul "History of Economic Thought" ,Kalyani Publisher,2018.	
Reference Books		
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 th 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.	
Web Resources		
1.	https://www.hetwebsite.net/het/	
2.	https://thoughteconomics.com/	
3.	https://www.nobelprize/economic-sciences/	
4.	https://www.aeaweb.org/resources/students	
5.	https://sites.google.com/site/maeconomicsku/home	

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	3	3
CO 5	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

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


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Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
	INTRODUCTION TO E COMMERCE	Generic Elective -II					2	2	25	75	100
Learning Objectives											
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	To analyse the Various on line business transactions and its applications										
C4	To 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.										
UNIT	Contents									No. of Hours	
I	Introduction Meaning – Nature – Concepts – advantages and disadvantages – online Transaction - Types of E-Commerce - Growth of E-Commerce in India.									12	
II	Business Models for E-commerce 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.									15	
III	Online Business Transactions 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 and Career) /Auctions, Online Portal, Online Learning - Publishing and Entertainment - Online Shopping									15	
IV	E-Promotion and Consumer Protection 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									18	
V	E- Payment System 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.									15	
	Total									75	
Course Outcomes							Programme Outcomes				
C O											
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
Textbooks		
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	
Reference Books		
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.	
Web Resources		
1.	https://ecommerce-platforms.com/resources	
2.	https://ecommerceguide.com	
3.	https://www.bigcommerce.com/resources/	
4.	https://www.cloudways.com/blog/top-ecommerce-websites/	
5.	https://www.indiafilings.com/learn/how-to-start-an-ecommerce-business-in-india/	

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	3	3
CO 5	2	2	3	3	3	2	3	3
Weightage	14	14	15	15	14	14	15	15
Weighted percentage of course contribution to POS	2.8	2.8	3.0	3.0	2.8	2.8	3.0	3.00

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

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

FIRST YEAR - SEMESTER II

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks			
									CIA	External	Total	
	T2ECSE2						2	2	25	75	100	
	ECONOMICS FOR INVESTORS	SEC-2										
Learning Objectives												
C1	To understand concepts of saving and investments											
C2	To probe the various investment avenue and its practice applications											
C3	To enables various investment markers and its features											
C4	To Know the economic fundamentals and the Business Environment											
C5	To understand various investment methods and its strategies											
UNIT	Contents										No. of Hours	
I	Introduction Saving and Investments – Meaning – Types - Importance – Role of Savings and Investment on the development of Individuals- Distributional Role of Investment – Income and Wealth – Equitable Distributional Role										15	
II	Investment Avenues Traditional Investment – Cash, Deposits, Gold, Silver, Commodities Real Estates. Modern Investment – Direct Investment – Portfolio Investment -Insurance -Mutual Funds -Traded Funds.										14	
III	Investment Markets Capital Market – Share Market – Primary and Secondary – Bond Markets- Money Market – Metal Market - Commodities Markets – Foreign Exchange Market - Hedging - Futures and Options										16	
IV	Economic fundamentals for Investors Domestic Economic Environment: Economic Growth and Development – National Income – Per Capita Income, Unemployment – Taxes, Trade Cycle – Infrastructure – Physical and Economic. Political and Social Environment- International Economic Environment: International Economic Growth and Development, Trade, Foreign Exchange - Global Recession- Oil Market – War Between Countries										15	
V	Investment Methods and Strategies. Cash Flow – Capital Gain – Risk Rewarding – Asset Accumulation - Risk Distribution – Asset Management.										15	
	Total										75	
Course Outcomes								Programme Outcomes				
CO	On completion of this course, students will											
1	Describe the types and importance of savings and investments.							PO1				
2	Explain the available for investment avenues							PO2				
3	Understand the operations of different types of investment markets.							PO1,PO2				
4	Evaluate the economic fundamentals and information.							PO1,PO3				
5	Construct objective enabling investment plans, strategy, evaluate and restructure if required.							PO2,PO3,PO4				
Textbooks												
1	Ken McElroy, (2004) The ABCs of Real Estate Investing, Hachette Book Group USA											

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2	Esme Faerber (2013), All about Stocks ,TataMGraw Hill, New Delhi
3	Christopher D. Piro, Jerald E. Pinto(2013), "Economics for Investment Decision Makers: Micro, Macro, and International Economics, Workbook", Wiley, 2013
4.	John Calverley, "The Investor's Guide to Economic Fundamentals", Wiley, 2003
5	Howards Marks, Mastering The Market Cycle:Getting the Odds on Your Side", John Murray Press, 2018

Reference Books

1.	Robert T. Kyosaki,(2014) Guide To Investing Business Plus ISBN: 9780446589161
2.	Benjamine Graham(1949), The Intelligent Investor, Harper&Brothers
3.	Mary Buffett and David Clark(2002), The New Buffettology (Simon and Schuster)
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
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

Web Resources

1.	https://www.capitalmarket.com/
2.	https://www.icmagroup.org/
3.	https://www.nseindia.com
4.	https://www.stockbrokers.com/guides/beginner-investors
5.	https://www.nasdaq.com/articles/10-best-stock-trading-websites-for-beginners

Mapping with Programme Outcomes:

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

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

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

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FIRST YEAR - SEMESTER II

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks			
									CIA	External	Total	
	T2 ECSE3											
	COMPUTER APPLICATIONS IN ECONOMICS	SEC-3					2	2	25	75	100	

Learning Objectives

- | | |
|----|--|
| 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	Introduction to Computers Computer and Peripherals: Meaning, Types, Features and Limitations– Basic Components – Input and Output Devices – Primary Memory and Secondary Storage – Computer Software– Types – Malicious Software –Operating Systems: Functions and Types.	15
II	MS Office Windows Explorer - MS Word: Basic Operations in Word – Editing– Formatting – Text Creation of Tables and Volumes - MS Power Point Presentation- Creating, Opening and Saving Slideshow and Animations - MS Excel: Work Sheet and Work Book- Opening and Formatting.	15
III	Data Processing Data Processing Techniques using MS Excel: Concept of Data – Record and File – Types of Data – Data Entry – File Handling and Operations–Opening, Appending and Cascading – Closing and Attribute Controls – Data Storage and Retrieval.	12
IV	Introduction to MS Excel Calculation Operators: Arithmetic Operators – Comparison Operators – Logical Operations- Excel Tool Bars- Formatting of Text, Tables and Graphs.	15
V	Application of MS Excel in Statistics and Economics Descriptive Statistics: Mean, Median, Mode and Standard Deviation Variance- Index Numbers and Growth Rates - Demand Function - Supply Function, Production Function and Consumption Function - Demand for and Supply of Money- Correlation – Regression.	18
	Total	75

Course Outcomes		Programme Outcomes
CO	On completion of this course, students will	
1	Understand basic components of Computer and its functions.	PO1, PO3,PO8
2	Gain Knowledge of MS Office.	PO3,PO8
3	Outline data processing techniques of MS Excel.	PO2,PO3,PO8
4	Understand basic Operation in MS Excel.	PO1,PO2,PO8
5	Apply MS Excel in Statistics and Economics.	PO2,PO3,PO8

Textbooks

1	Hem Chand Jain and H.N.Tiwari (2019) Computer Applications In Business ,5 th Edition Taxmann Publication.
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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
Reference Books	
1.	Oscar Afonso , Paulo B. Vasconcelos, Computational Economics: A Concise Introduction, Routledge; 1 st Edition
2.	Alexis Leon and Mathews Leon; (2001), Introduction to Computers with Ms-Office 2000.McGraw Hill Education
3.	Greg Harvey, PhD, (2007) Microsoft Office Excel 2007 For Dummies, Wiley Publishing.
4.	Kerns (1992) Essentials of Microsoft Windows, Word and Excel, Prentice Hall
5.	Kavindra Kumar Singh (2014) Computer Applications in ManagementDreamTech
Web Resources	
1.	https://www.excel-easy.com/basics.html
2.	https://excelchamps.com/excel-basics/
3.	https://edu.gcfglobal.or/en/topics/excel/
4.	https://trumpexcel.com/learn-excel/
5.	https://www.simplilearn.com/learn-ms-excel-free-training-course-skillup

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	3	3
CO 5	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

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


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SECOND YEAR-SEMESTER - III

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
	MACRO ECONOMICS-I	Core -V					4	5	25	75	100
Learning Objectives											
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										
UNIT	Contents										No. of Hours
I	National Income 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	Full Employment: Classical Theory 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	Under Employment: Keynesian Theory 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	Theories of Consumption Keynesian Absolute Income Hypothesis – Duesenberry’s Relative Income Hypothesis – Friedman’s Permanent Income Hypothesis – Modigliani’s Life Cycle Hypothesis.										15
V	Inflation 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
Total										75	
Course Outcomes							Programme Outcomes				
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				
Textbooks											
1	Mankiw. N Gregory (2000), Macroeconomics, Worth Publishers, New York										
2	Vaish M.C.(2003) Macro Economic Theory , S.Chand & Company Ltd New Delhi										

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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 Econmics, Pearson Education, Inc., 7th Edition, 2011.
Reference Books	
1.	RudigerDornbusch , Stanley Fischer, and Richard Startz (2000), Macroeconomics, Tata McGraw-Hill Publishing Company, New Delhi.
2.	Parkin, M., 2014. Macro Economics. 11 th Edition. Essex: Pearson
3.	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.
Web Resources	
1.	http://www2.econ.iastate.edu/tesfatsi/sources.htm
2.	https://www.khanacademy.org/economics-finance-domain/macroeconomics
3.	https://www.econlib.org
4.	https://economics.mit.edu/
5.	https://hbswk.hbs.edu/

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	3	3
CO 5	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

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


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 RAJAH SERFOJI GOVERNMENT COLLEGE (AUTONOMOUS)
 THANJAVUR - 613 005.


 Head
 PG & Research Dept. of Economics
 Rajah Serfoji Govt. College (Autonomous)
 THANJAVUR

SECOND YEAR-SEMESTER - III

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
T3Ec5	MATHEMATICS FOR ECONOMICS	Core -VI					4	5	25	75	100
Learning Objectives											
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										
UNIT	Contents								No. of Hours		
I	Introduction Variables, Constants, Equations and its types – Uses and limitations of Mathematics in Economics- Functions of one or more variables – Linear function, Parabola, Rectangular Hyperbola- Exponential, Logarithmic, Power function and Homogenous Function – Applications in Economics								12		
II	Matrix Algebra and Determinants Types of Matrices- Matrix Operations – Addition – Subtraction- Matrix Multiplication – Transpose –Determinants, Inverse and Properties (Problems).								15		
III	Applications of Matrix Algebra Solving a system of Linear Equations – Cramer’s Rule and Matrix Inverse Method- Leontief’s Input-Output Model – Open and Closed Model- Components, Uses, and Limitations- Hawkins – Simon Conditions for Viability of Input and Output Model (Problems).								18		
IV	Differentiation Limits and Continuity –Differentiability of a Function – Slope of a Curve – Increasing and Decreasing Functions – Rules- Exponential and Logarithmic Functions –Implicit Differentiation– Economic Applications: Marginal and Elasticity Concepts – Relationship between AR, MR, and Price Elasticity of Demand – Relationship Between Average and Marginal Cost.								15		
V	Optimization (Single Variable) Second Order Derivatives–Maximization and Minimization of a Function– Economic Applications – Output and Revenue Maximization -Cost Minimization – Profit Maximization under Perfect Competition, Monopoly, Discriminating Monopoly (Problems).								15		
Total									75		
Course Outcomes							Programme Outcomes				
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						PO1,PO2, PO3				

Applications		
5	To optimize single variable functions in Economics	PO1,PO3
Textbooks		
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 rd Edition, Mc Graw Hill	
3	Renshaw Geoff, (2005) Maths for Economics, 3 rd 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	
Reference Books		
1.	Chiang, A. C., Fundamental Methods of Mathematical Economics, McGraw-Hill, 1984	
2.	G. Hadley, Linear Algebra Addison – Wesley Publishing Company, 1977.	
3.	K. Sydsaeter and P Hammond, Mathematics for Economic Analysis, Pearson Educational Asia, Delhi 2002.	
4.	Mabett. Alan J Workout for Mathematics for Economist McMillan 1986.	
5.	R.G.D. Allen, Mathematical Analysis for Economists Macmillan and Co.Ltd.,2008	
Web Resources		
1.	https://www.coursera.org/learn/mathematics-for-economists	
2.	https://mitpress.mit.edu/9780262294805/mathematics-for-economics/	
3.	https://hummedia.manchester.ac.uk/school/soass/economics/pg/psmaths/pre-sessionmathbook.pdf	
4.	https://mitpress.mit.edu/9780262046626/mathematics-for-economics/	
5.		

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	3	3
CO 5	3	2	3	3	3	3	3	3
Weightage	15	14	15	15	14	15	15	15
Weighted percentage of course contribution to POS	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

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

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Rajah Serfoji Govt. College (Autonomous)
THANJAVUR

35

CONTROLLER OF EXAMINATIONS
RAJAH SERFOJI GOVERNMENT COLLEGE (AUTONOMOUS)
THANJAVUR - 613 005.

SECOND YEAR-SEMESTER - III

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
	PRINCIPLES OF MARKETING	Elective					3	4	25	75	100
Learning Objectives											
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										
UNIT	Contents										No. of Hours
I	Introduction Marketing: Definition, Nature and Scope – Marketing Functions– Modern Concept of Marketing– Classification of Markets – Buying – Transportation – Warehousing – Standardization – Grading.										15
II	Buying Behaviour and Market Segmentation 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										15
III	Product and Pricing Decisions 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										16
IV	Distribution and Promotion Decisions 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.										14
V	Modern Marketing Techniques 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).										15
Total										75	
Course Outcomes									Programme Outcome		
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										PO2,PO3

	Marketing Mix.	
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
Textbooks		
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 rd Edition McGraw Hill	
5.	Gary M. Armstrong, Stewart Adam, Sara Marion Denize, Michael Volkov, Philip Kotler, "Principles of Marketing", Pearson, 2017	
Reference Books		
1.	Pillai, R.S.N and Bhagyathi (2010), Modern Marketing Principles and Practices. S Chand &CoLtd.,	
2.	Dr.C. B.Gupta ,Dr.N.Rajan Nair(2020), Marketing Management ,Sultan Chand &Sons.	
3.	Varshney,R.Land B. Bhattacharyya(2022), International Marketing Management, Sultan Chand and Sons.	
4.	Dr.C.B.Mamoria, Pradeep Jain, Priti Mitra,(2013)Theory and Practice of Marketing,KitabMahal	
5.	Sheena Iyengar(2011) The Art of Choosing ,Little Brown Book Group	
Web Resources		
1.	https://marketingland.com	
2.	https://www.worldsupporter.org/en/chapter/41634-summary-principles-marketing-kotler	
3.	https://mailchimp.com/marketing-glossary/marketing-mix-7ps/	
4.	https://www.linkedin.com/learning/paths/become-an-online-marketing-manager	
5.	https://www.wordstream.com/learn	

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	2	3	3	3	3	3
CO 3	3	3	3	3	3	3	3	3
CO 4	2	3	3	3	2	2	3	3
CO 5	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

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

Weightage	1.5	1.2	2.8	2.2	2.4
Weighted percentage of Course Contribution to PSOs	3	2.6	2.8	2.2	2.4

SECOND YEAR-SEMESTER - III

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
	ECONOMICS OF TOURISM	Generic Elective – III					3	4	25	75	100
Learning Objectives											
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.										
UNIT	Contents								No. of Hours		
I	Introduction Introduction – Economics, and Tourism - Tourism Demand - Theoretical background - Types of Tourism Demand - Determinants of Tourism Demand								15		
II	Tourism Demand Tourism Demand Forecasting - Methods of Forecasting – Public and Private Sectors in Tourism - the Need for Public and Private Sector Co-operation in Tourism – Growth of Tourism Demand in India.								15		
III	Tourism Impacts Impact of Tourism - Economic Aspects - the Multiplier Effect - Displacement Effect and Tourism - Tourist Spending - Costs and Benefits of Tourism to Community - Environmental Aspects – Contingency Valuation Method								15		
IV	Tourism in India Major tourism circuits of India: Inter-State and Intra-State – Heritage Tourism – Wild life Tourism and Eco Tourism – Tourism in Tamil Nadu.								15		
V	Tourism Organizations Role and Functions of World Tourism Organization (WTO), Pacific Asia Travel Association (PATA), World Tourism & Travel Council (WTTC) - Ministry of Tourism, Govt. of India, ITDC, Department of Tourism, Government of Tamil Nadu TTDC – IHA-IATA- TAAI-IATO.								15		
Total								75 hours			
Course Outcomes							Programme Outcomes				
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				

Textbooks

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

Reference Books

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 Ritesh Mishra(2019) Medical Tourism in India 93-88797-49-8
5.	Geetanjali (2010) Tourism Management ABD Publishers

Web Resources

1.	https://www.unwto.org/
2.	https://itdc.co.in/
3.	https://tourism.gov.in/
4.	https://www.traveldailymedia.com/importance-of-travel-website-for-the-travel-company/
5.	https://www.oecd.org/cfe/tourism/

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	2	3	3	3	3	3
CO 3	3	2	3	3	3	3	3	3
CO 4	3	3	3	3	3	2	3	3
CO 5	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

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

Head
 PG & Research Dept. of Economics
 Rajah Serfoji Govt. College (Autonomous)
 THANJAVUR

39


CONTROLLER OF EXAMINATIONS
 RAJAH SERFOJI GOVERNMENT COLLEGE (AUTONOMOUS)
 THANJAVUR - 613 005.

SECOND YEAR-SEMESTER – III- SKILL ENHANCEMENT COURSE -4

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
J3ECSE4	ENTREPRENEURIAL ECONOMICS	SEC-4					1	1	25	75	100
Learning Objectives											
C1	To describes the factors influencing entrepreneurship										
C2	To know the various theories of motivation and its advantages										
C3	To Identify the opportunities to create value for others										
C4	To evaluate the creativity and entrepreneurship.										
C5	To analyse the sources of finance for business.										
UNIT	Contents										No. of Hours
I	Introduction Entrepreneurship: Meaning and Importance - Evolution of term 'Entrepreneurship' - Factors influencing Entrepreneurship: Psychological, Social, Economic and Environmental - Characteristics of an Entrepreneur - Types of Entrepreneurs- New Generations of entrepreneurship - Barriers to entrepreneurship										15
II	Entrepreneurial Motivation Motivation: meaning and Definition – Theories of Motivation: Maslow's, Herzberg's, McGregor's and Achievement Theory - Culture & Society - Values / Ethics – Risk-taking behaviour										12
III	Creativity and entrepreneurship 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)										18
IV	Sources of Finance Sources of Finance: Long term Sources -Equity Shares, Preference Shares and debentures- Kinds Private Placements- IPO-SEBI- FDI- Institutional Finance - Banks - IDBI, IFCI, IIBI, ICICI, SIDBI, SFCs in India - Merchant Banks in India - NBFCs in India										15
V	Rules and Legislation Industries Development (Regulations) Act, 1951 - Factories Act 1948 - The Industrial Employment (Standing Orders) Act - Environment (Protection) Act, 1986 - The Sale of Goods Ac, 1950 - Industrial Disputes Act 1947										15
Total										75 hours	
Course Outcomes							Programme Outcomes				
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					PO1,PO2					

CONTROLLER OF EXAMINATIONS
RAJAH SERFOJI GOVERNMENT COLLEGE (AUTONOMOUS)
THANJAVUR - 613 005.

Head
PG & Research Dept. of Economics
Rajah Serfoji Govt. College (Autonomous)
THANJAVUR

	start-up principles.	
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
Textbooks		
1	Desai, V. (2009). Dynamics of Entrepreneurial Development and Management. Himalaya Publishing House.	
2	Srinivasan, N. P., & Gupta, G. P. (2001). Entrepreneurial Development". Sultan Chand and Sons, New Delhi	
3	Simon. C Parker, "The Economics of Entrepreneurship", Cambridge University Press, 2009	
4	K. Glancey, R. McQuaid and Jo Campling, "Entrepreneurial economics", Palgrave Macmillan UK, 2000	
5	Akland Alexander Tabarrok, "Entrepreneurial Economics", Oxford University Press, 2002	
Reference Books		
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.	
Web Resources		
1.	https://www.startupindia.gov.in/	
2.	https://www.ediindia.org/	
3.	https://skillindia.gov.in/	
4.	https://www.startupindia.gov.in/	
5.	https://indianstartups.com/	

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	2	3	2	3	3	3	3	3
CO 3	3	3	3	3	2	3	3	3
CO 4	3	3	3	3	3	2	3	3
CO 5	3	3	3	3	3	3	2	3
Weightage	14	15	14	15	15	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

CO / PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	2
CO2	3	3	2	3	2
CO3	3	2	2	3	3

CO4	3	3	2	2	2
CO5	2	2	12	14	11
Weightage	14	13		2.8	2.2
Weighted percentage of Course Contribution to PSOs	2.8	2.6	2.2	2.8	

SECOND YEAR-SEMESTER - III

Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
								CIA	External	Total
EVENT MANAGEMENT	SEC-5					2	2	25	75	100
Learning Objectives										
C1	To equip students on the various facets of Event Management.									
C2	To provide students event management as a career option.									
C3	To 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									
UNIT	Contents								No. of Hours	
I	Introduction Event Management – Definition –objectives –Classification and Types of Events- Career Options								15	
II	Event Management Strategy Process -Target Audience –Creativity - Purpose – Costs -Event Budget-Network with Suppliers- Creation of Social Media Accounts								15	
III	Committees in Managing Events Organising Committee- Event Scheduling -Venue Selection- Recruitment of Event Staff-Event Safety-Emergency Planning and Checklist								15	
IV	Celebrity Management Issues and Challenges -Cost Management and Budget – Confidentiality- Crowd Management								15	
V	Event Management Industry in India- Leading Event Management Companies								15	
Total								75		
Course Outcomes						Programme Outcomes				
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				
Textbooks										
1	Lynn Van Der Wagen & Brenda R Carlos Event Management									

CONTROLLER OF EXAMINATIONS
RAJAH SERFOJI GOVERNMENT COLLEGE (AUTONOMOUS)
THANJAVUR - 613 005.

Head
PG & Research Dept. of Economics
Rajah Serfoji Govt. College (Autonomous)
THANJAVUR

2	Bhavana Chaudhari Dr. Hoshi Bhiwandiwalla(2019) A book of Event Management Kindle Edition,Nirali Prakashan 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
Reference Books	
1.	Abhijeeth Bhattacharje(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
Web Resources	
1.	https://www.careerlauncher.com/rbi-grade-b/wto/
2.	https://www.uou.ac.in/sites/default/files/slm/HM-402.pdf
3.	https://www.bizzabo.com/blog/event-planning-websites/
4.	https://www.tantraa.net/
5.	https://eventplanningblueprint.com/

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	2	3	3	3	3	3	3
CO 4	3	3	3	3	2	3	2	3
CO 5	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

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	2	2	2	2
CO2	2	2	2	2	2
CO3	2	2	2	2	2
CO4	1	1	1	1	2
CO5	2	2	2	2	2
Weightage	9	9	9	9	10

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Weighted percentage of Course Contribution to PSOs	1.8	1.8	1.8	1.8	2
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SECOND YEAR- SEMESTER - IV

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks			
									CIA	External	Total	
	MACRO ECONOMICS –II	Core -VII					4	5	25	75	100	
Learning Objectives												
C1	To analyse the IS-LM model and its shifts											
C2	To probe the macro economic variables and business cycle											
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.											
UNIT	Contents									No. of Hours		
I	IS-LM Model 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	Business Cycles Phases of Business Cycles – Macroeconomic Variables and Business Cycles – Classical Theory and Business Cycles – Hawtrey, Von Hayek, Schumpeter Hicks, Kaldor and Samuelson Models – Keynesian theory of Business Cycles									15		
III	Monetary Policy Money - Functions of Money - Money Supply and Money Demand – Classical Dichotomy – Keynesian theory of Money Demand – Instruments of Monetary Policy-IS-LM Model and Monetary Policy									15		
IV	Fiscal Policy Fiscal Policy -Instruments- Classical and Keynesian Theory of Fiscal Policy– Fiscal Expansion – IS-LM Model and Fiscal Policy – Critique of Fiscal Policy – Three Ranges in LM Curve.									15		
V	Supply Side Economics Rational Expectation Hypothesis – New Classical School – Contribution of Robert Lucas – New Keynesian School.									15		
Total									75 hours			
Course Outcomes								Programme Outcome				
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				
Textbooks												

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1	Mankiw Gregory (2017) Principles of Macroeconomics with coursemate, Books Express Publications.
2	Rudiger Dornbusch, 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
Reference Books	
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 th Edition Essex: Pearson Blanchard, Olivier and David R. Johnson (2013) Macroeconomics, Pearson.
5.	Soumen Sikdar, "Principles of Macroeconomics", OUP India, 2020
Web Resources	
1.	https://tradingeconomics.com
2.	https://www.bu.edu/econ/files/2014/08/DLS1.pdf
3.	https://www.imf.org
4.	https://www.aeaweb.org/resources/students
5.	https://www.worldbank.org/en/topic/macroeconomics

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	2	3	3	3	3	3
CO 3	3	3	3	3	2	3	3	3
CO 4	3	3	3	3	3	3	3	3
CO 5	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

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

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45

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SECOND YEAR-SEMESTER - IV

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
	INDIAN ECONOMY	Core-VIII					4	5	25	75	100
Learning Objectives											
C1	To understand the features and issues of Indian economy and new economic policy										
C2	To analyse the national income, poverty and human development and its method										
C3	To 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										
UNIT	Contents								No. of Hours		
I	Introduction to Indian Economy Features and Issues of Indian Economy - Planned Economic Development in India - Achievements and Failures of Planning in India - Economic Crisis and Rationale behind Economic Reforms - New Economic Policy (LPG) 1991 - NITI Aayog								15		
II	National Income, Poverty and Human Development Index 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.								15		
III	Sectors of the Indian Economy 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 Developments - Overview of Service and Financial Sectors in India - Importance - Expansion of Private Banks.								14		
IV	Foreign Trade Importance of Foreign Trade for a Developing Economy- Composition and Direction of India's Foreign Trade- Role of FDI and Foreign Institutional Investors- BOP Crisis - India's Trade Policy.								16		
V	Fiscal Federalism Principles of Federal Finance - Fiscal Federalism in India - Functions and Sources of Revenue - Vertical and Horizontal Imbalances - Finance Commission - Reports and its Recommendations.								15		
Total											
Course Outcomes									Programme Outcome		
CO	On completion of this course, students will										
1	Outline the nature of the Indian Economy. and highlight the changes								PO1,PO2		
2	Discuss the major issues of Poverty, Inequality,								PO6, PO8		

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	Unemployment, and Human Development in India in comparison to other countries	
3	Provide a qualitative and quantitative overview of different sectors of the Indian Economy	PO1,PO2,PO3
4	Describe the components of Foreign Trade and analyze India's Balance of Payments	PO1,PO2,PO3
5	Identify various components of fiscal federalism in India	PO1,PO2
Textbooks		
1	Gaurav Datt and Ashwani Mahajan "Datt and Sundaram's Indian Economy" S.Chand 72 nd Edition.	
2	Kaushik Basu (Ed.) (2012), Oxford Companion to Indian Economy, 3 rd Edition, OUP, New 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	
Reference Books		
1.	Puri. V.K & S.K. Misra (2022) Indian Economy	
2.	Uma Kapila (Ed.) (2018) Indian Economy Since Independence	
3.	Byres, T.J. (Ed.) (1997), The State, Development Planning and Liberalization in India, Oxford University Press, New Delhi	
4.	Ashima Goyal(Ed.) The Oxford Handbook of the Indian Economy in the 21 st Century: Understanding the Inherent Dynamism, Oxford University Press	
5.	K. R. Gupta, J. R. Gupta, " Indian Economy", Altanic, 2008	
Web Resources		
1.	http://www.niti.gov.in/	
2.	https://www.rbi.org.in/	
3.	https://hdr.undp.org/	
4.	https://www.india.gov.in/	
5.	https://www.cmie.com/	

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	2	3	3	3	3	3
CO 3	3	3	3	3	2	3	3	3
CO 4	3	2	3	3	3	2	3	3
CO 5	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

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

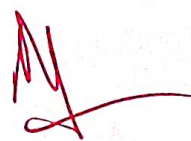
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47


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SECOND YEAR-SEMESTER - IV

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
	RESEARCH METHODS IN ECONOMICS	Generic Elective-IV					3	4	25	75	100
Learning Objectives											
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										
UNIT	Contents								No. of Hours		
I	Introduction 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.								15		
II	Research Problem and Review of Literature Research Problem: formulation and selection - necessity of defining the problem - Review of literature: Primary and Secondary Sources - importance of literature review in defining a problem - identifying gap areas from literature and research database.								15		
III	Research Design Research Design: Concept and Importance in Research - Features of a Good Research Design - Exploratory Research Design - Descriptive Research Design - Experimental Design: Concept of Independent & Dependent variables.								12		
IV	Data and Sampling Methods Data types: Qualitative and Quantitative - Sources of Primary and secondary data - Census - Sampling Methods: Probability and Non-Probability Sampling Methods - Sampling and Non-Sampling Errors								15		
V	Hypothesis and Report Writing Hypothesis: Types of Hypothesis - Null and Alternative Hypothesis - Parameter and Statistic - Type I and Type II Errors - Level of Significance and Critical Region - Report Writing - Types and Principles of writing the Research Report								18		
Total									75 hours		
Course Outcomes								Programme Outcomes			
CO	On completion of this course, students will										
1	Understand the overview of Social Science Research.							PO1, PO2, PO4			
2	Analyze the Research Process							PO1, PO2, PO4			
3	Develop the Statistical Analysis to test Economic Theory and address Policy Issues							PO3, PO4			
4	Know the sampling methods in Research.							PO1, PO2			
5	Explain the hypothesis testing and Principles of Report Writing.							PO2, PO3, PO4			
Textbooks											



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1	Krishnaswamy, O.R. (1993) Methodology of Research In Social Sciences, Himalaya publishing House.
2	Kothari, C. R. (2004). Research Methodology: Methods and techniques. New Age International.
3	Vinod Chandra, Anand Hareendran, "Research methodology", Pearson, 2017
4	R.Pannerselvam, "Research Methodology", PHI learning, 2014
5	Ranjit Kumar, "Research Methodology", Sage Publication, 2010
Reference Books	
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
Web Resources	
1.	http://ignou.ac.in
2.	http://egyankosh.ac.in
3.	https://www.educba.com
4.	https://research.com/research/how-to-write-research-methodology
5.	https://www.questionpro.com/blog/what-is-research/

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	2	3	3	3	3	3
CO 3	3	3	3	3	2	3	3	3
CO 4	3	3	3	3	3	2	3	3
CO 5	3	3	3	3	3	3	2	3
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

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

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49

49
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SECOND YEAR-SEMESTER – IV

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
	HEALTH ECONOMICS	Generic Elective-IV					3	4	25	75	100
Learning Objectives											
C1	To understand the importance of health sector in economic development										
C2	To 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.										
UNIT	Contents								No. of Hours		
I	Introduction to Health Economics 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.								15		
II	Demand for Health Care 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.								15		
III	Supply of Health Care Supply of Health Care Services – Physicians and Medical Personnel as Health Care Providers – Non Labour Inputs – Hospitals – Interaction of Demand and Supply of Health Care.								15		
IV	Health Infrastructure Health Infrastructure – Rural – Urban –Government Programmes - Preventive, Promotive and Curative Health Care Services - Health Allocation in Budget								15		
V	Health Services and Medical Insurance Health Insurance -Types of Insurance Policies in India- Medical Ethics -Medical Tourism.								15		
Total									75		
Course Outcomes							Programme Outcomes				
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.						PO1,PO2,PO8				
5	Trace the growth of Medical Tourism in India and understand the need for Health Insurance.						PO1,PO2, PO3,PO4				

Textbooks	
1	Xamer Martinez Giralt (2010), "Principles of Health Economics", Routledge, 2010
2	Banerjee, D. (1975), social and Cultural Foundations of Health Service Systems of India, Inquiry, Supplement to Vol. XII, June 1975
3	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", Routledge, 2008
Reference Books	
1.	Himanshu Sekhar Rout and Prasant Kumar Panda (2010) Health Economics in India
2.	Edwin G Dolan and John C Goodman
3.	D. Amutha (2016) "A Textbook of Health Economics", Edition 1, Mangalam Publishers and Distributers, Chennai.
4.	Charles E. Phelps, Health Economics", Routledge, 2017
5.	Jan Abel Olsen, "Principles in Health Economics and Policy", OUP Oxford, 2017
Web Resources	
1.	www.census.org
2.	www.NFHS.org
3.	www.NSSO.org
4.	https://tnhealth.tn.gov.in/
5.	https://tnhealth.tn.gov.in/

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	2	3	3	3	3	3
CO 3	3	3	3	3	2	3	3	3
CO 4	3	2	3	3	3	2	3	3
CO 5	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

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

SECOND YEAR-SEMESTER - IV

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
	BASIC ACCOUNTANCY	SEC-6					2	2	25	75	100
Learning Objectives											
C1	To provide an understanding on the basic concepts in Financial Accounting										
C2	To 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										
UNIT	Contents										No. of Hours
I	Introduction to Accounting Definition – Objectives – Functions- Advantages and Disadvantages- Single Entry Book Keeping and Double - Entry Book Keeping.										15
II	Accounting -Books and Records Journal – Ledger- Subsidiary Book- Cash Book- Trial Balance – Meaning- Methods of Preparation – Errors- Classification of Errors- Rectification of Errors.										15
III	Final Accounts Final Accounts- Preparation of Trading- Profit and Loss Account- Balance Sheet (Simple Adjustments).										18
IV	Bank Reconciliation Statement Bank Reconciliation Statement – Need - Meaning- Method of Preparation of Bank Reconciliation Statement										15
V	Tally Software Introduction to Accounting Package – Tally- Meaning, Features, Advantages, Data Entry, Formatting Data , Functional Keys and Simple Calculation- Tally: (Theory for Exam)										12
Total										75	
Course Outcomes							Programme Outcomes				
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				

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Textbooks	
1	Reddy. T.S and Hari Prasad Reddy. Y(2013) Financial and Management Accounting Margham Publications Chennai
2	Reddy .T.S Murthy(2012) Financial Accounting Margham Publications Chennai
3	Rajni Sofat, Preeti Hiro, "Basic Accounting", PHI Learning, 2010
4	Nishat Azmat, Andy Lymer, "Basic Accounting", Mobius, 2016
5	John J. Wild, Barbara Chiappetta, Ken Shaw, "Fundamental Accounting Principles", Mc Graw Hill, 2016
Reference Books	
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.	Goyal V.K and Ruchi Goyal, (2012), Financial Accounting, Prentice Hall India Learning Private Limited.
Web Resources	
1.	https://www.accounting.com/resources/students/
2.	https://icmai.in .
3.	https://www.cipfa.org
4.	https://www.accountingcoach.com/
5.	https://www.youtube.com/watch?v=OItO9XwgHII

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	2	3	3	3	3	3
CO 3	3	2	3	2	2	3	3	3
CO 4	3	3	3	3	3	2	3	3
CO 5	3	3	3	3	3	3	2	3
Weightage	15	14	14	14	15	14	14	15
Weighted percentage of course contribution to POS	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

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

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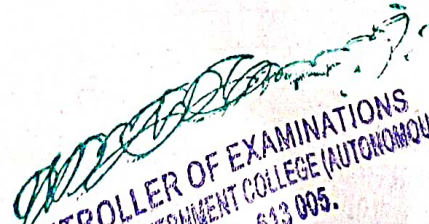

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Weightage	11	10	10	10	7
Weighted percentage of Course Contribution to PSOs	2.2	2	3	2	1.8

SECOND YEAR-SEMESTER - IV

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
	Modern Banking and Insurance	SEC-7					2	2	25	75	100
Learning Objectives											
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										
UNIT	Contents									No. of Hours	
I	Banking Commercial Banks- Functions of Commercial Banks- Private and Public Sector Banks- Credit Creation - Commercial Banks's role- Payment Banks- functions- Digital Banking-Tools – Methods									14	
II	Central Banks Functions of a Central Bank – Objectives of Monetary Policy – Effects and Limitations – Narasimhan Committee Report.									15	
III	Introduction to Insurance 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.									16	
IV	Insurance Contract and Risk Management Meaning of contract- Insurable Interest- Utmost good faith- Principle of Indemnity and other Principles-Risk Management: Definition and Types- Management of Risk through Identification Analysis and Control.									15	
V	Insurance Business in India Major Insurance Legislation- Growth of Industry- Agricultural Insurance- Health Insurance- Reinsurance- Entry of Private Insurance Companies- Insurance Act. LIC Act, GIC Act. IRDA Act.									15	
Total									75		
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 various types of insurances in Practice						PO1, PO4				
4	Evaluate the insurance policies and recommend the						PO1, PO2,PO4,PO7				

54


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	right policies for use.	
5	Evaluate the macro level implications of the various insurances.	PO1,PO3,PO8
Textbooks		
1	Srivastava P.K. (2013), Banking Theory and Practice, Himalaya Publishing House, New Delhi	
2	Heffernan, S. (2005). Modern Banking. John Wiley & Sons	
3	Tyagi, C. L., & Tyagi, M. (2007). Insurance Law and Practice. Atlantic Publishers & Dist.	
4	J. N. Jain, "Modern Banking and Insurance : Principles and Techniques", Regal publications, 2008	
5	Prasada & Radhika Rao, "Trends of Modern Banking", BSP Publication, 2016	
Reference Books		
1.	Finsinger J. and M.V. Pauly (Eds.) (1986), The Economics of Insurance Regulation: A Cross National Study, Macmillan London.	
2.	Sethi, J., & Bhatia, N. (2012). Elements of Banking and Insurance. PHI Learning Pvt. Ltd..	
3.	Lewis, M. K. (1992). Modern Banking in Theory and Practice. Revue Economique, 203-227.	
4.	Tripathy, N. P., & Pal, P. (2005). Insurance: Theory and practice. PHI Learning Pvt. Ltd.	
5.	Muraleedharan, D. (2014). Modern Banking: Theory and Practice. PHI Learning Pvt. Ltd..	
Web Resources		
1.	https://www.irdai.gov.in	
2.	https://rbi.org.in	
3.	https://www.studocu.com	
4.	https://www.indiapost.gov.in/Financial/Pages/Content/pli.aspx	
5.	https://licindia.in/	

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	2	3	3	3	3	3
CO 3	3	3	3	2	2	3	3	3
CO 4	3	3	3	3	3	2	3	3
CO 5	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

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

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Weightage	14	14	15	15	14
Weighted percentage of Course Contribution to PSOs	2.8	2.8	3	2.6	2.2

THIRD YEAR - SEMESTER-V

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
	MONETARY ECONOMICS	Core IX					4	5	25	75	100
Learning Objectives											
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										
UNIT	Contents									No. of Hours	
I	Money Definition, functions, Importance-Forms of Money- Supply of Money (M1, M2, M3, M4)-Crypto Currencies.									15	
II	Demand for Money Demand for Money: Classical, Keynesian and Baumol's Inventory theoretic Approach- James Tobin's Portfolio Approach - Milton Friedman's Reformulated Quantity Theory.									15	
III	Monetarism Vs Keynesianism Monetarism Vs Keynesianism- Comparison- Determinants of Money Supply – Money Multiplier. Supply Side Policies of Inflation.									15	
IV	Commercial Banks Commercial Banks - Credit Creation – Role of Commercial Banks after Nationalisation- RBI's role in Commercial Banks -Narasimhan Committee Report.									15	
V	Monetary Stability and Central Bank 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.									15	
Total									75		
Course Outcomes							Programme Outcomes				
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				
Textbooks											

1	Gupta R.D. (1995), Keynes and Post Keynesian Economics, Kalyani Publishers, New Delhi.
2	Jhingan M. L. (2004), Monetary Economics, Konark Publication, New Delhi.
3	Jagdish Handa, "Monetary Economics", Talyor & Francis, 2008
4	L. Blume, Steven Durlauf, " Monetary Economics", Palgrave Macmillan, 2016
5	Keith Bain, Peter Howells, "Monetary Economics:Policy and Its Theoretical Basis"", Macmillan, 2009
Reference Books	
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
Web Resources	
1.	www.rbi.org.in
2.	https://www.imf.org
3.	https://www.oecd.org
4.	https://www.bis.org/publ/work437.pdf
5.	https://www.worldbank.org/

Mapping with Programme Outcomes:

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

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

THIRD YEAR - SEMESTER-V

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
	FISCAL ECONOMICS	Core -X					4	5	25	75	100
Learning Objectives											
C1	To enable students to acquire Knowledge on the various facets of Fiscal Economics.										
C2	To 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										
UNIT	Contents										No. of Hours
I	Introduction 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	Theories of Fiscal Economics and Policy Principle of Maximum Social Advantage -The Benefit Approach- The Ability-to- Pay Approach-Equal Sacrifice Principle- Fiscal Policy and its Instruments.										14
III	Budget and Taxation Role of Government in a Modern Economy- Public Budget: Types and Structure - Taxation -Features of a Good Tax System- Direct and Indirect Taxes -Concept of Impact- Incidence and Shifting of Taxation-Elasticity and Determination of Tax Burden - Optimal Taxation.										16
IV	Public Expenditure and Debt 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	Indian Public Finance 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
Total										75	
Course Outcomes											
CO	On completion of this course, students will							Programme Outcome			
1	Understand the importance and Instruments of Fiscal Economics.										
2	Evaluate the Principles and theories of Public Finance.							PO1,PO2			
3	Analyze the Budget, Indian Tax System and Policy.							PO2			
4	Describe Classification, Laws of Public Expenditure and Public Debt.							PO2,PO3			
5	Know the Indian Public Finance System and Policy Recommendations.							PO1,PO2			
							PO1,PO3,PO7				
Textbooks											

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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.
Reference Books	
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, Ratan Prakashan, Agra.
5.	Mu Raja J. Chelliah, "Fiscal Policy in Underdeveloped Countries", Allen and Moowbray Limited at the Alden Press Oxford, II Edition,2012.
Web Resources	
1.	https://finmin.nic.in/
2.	https://www.nipfp.org.in/
3.	https://www.niti.gov.in/
4.	https://www.gst.gov.in/
5.	https://www.indiabudget.gov.in/

Mapping with Programme Outcomes:

	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	2	3	2	2	3	3	3
CO 4	3	3	3	3	3	2	3	3
CO 5	3	3	3	3	3	3	2	3
Weightage	15	14	14	14	15	14	14	15
Weighted percentage of course contribution to POS	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

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

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59

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Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
	INDUSTRIAL ECONOMICS	Core-XI					4	5	25	75	100
Learning Objectives											
C1	To 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										
UNIT	Contents								No. of Hours		
I	Introduction 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	Theories of Location 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	Industrial Licensing and Policies Industrial Licensing – MRTP Act – Industrial Policies -Industrial Productivity -Capacity Utilization - Industrial Sickness- Mergers and Acquisitions – Profitability and Efficiency.								14		
IV	Industrial Regions of the World and India -Industrial Clusters in India- Sunrise Sector- Regional Backwardness- Government Initiatives.								15		
V	Growth Trends in India 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		
Total									75		
Course Outcomes							Programme Outcomes				
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				
Textbooks											
1.	Ranjana Seth . (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
Reference Books	
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.I"The theory of Industrial Organisation- Markets and Strategies", Cambridge University Press, 2012
Web Resources	
1.	https://www.india.gov.in/topics/industries
2.	https://business.mapsofindia.com/india-industry
3.	https://dpiit.gov.in/
4.	https://dri.nic.in/
5.	https://msme.gov.in/

Mapping with Programme Outcomes:

	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	2	3	3	2	3	3	3
CO 4	3	3	3	3	3	3	3	3
CO 5	3	3	3	3	3	3	2	3
Weightage	15	14	15	15	15	15	14	15
Weighted percentage of course contribution to POS	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

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

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61

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THIRD YEAR - SEMESTER-V

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks			
									CIA	External	Total	
	ENVIRONMENTAL ECONOMICS	Core -XII					4	5	25	75	100	
Learning Objectives												
C1	To 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											
UNIT	Contents										No. of Hours	
I	Fundamentals of Environmental Economics Definition, Scope and Significance - Environment – Economy Linkages – Material Balance Approach - Malthusian and Neoclassical perspective of Environment - Sustainable Development - Environment Kuznets Curve.										15	
II	Economics of Natural Resources Classification of Natural Resources - Scarcity and Measurement - Economics of Exhaustible Resources - Economics of Renewable Resources.										15	
III	Market Failure Environment as a Public Good - Tragedy of Commons-Externalities - Pigouvian Fee and Coase theorem on Property Rights.										12	
IV	Valuation of Environment Total Economic Value - Contingent Valuation Method – Stated Preference - Travel Cost Model - Hedonic Pricing - Economics of Sustainable Development - Green Accounting – Ecological Footprint, Carbon Footprint, Ecological Shadow.										18	
V	Economics of Pollution Control Optimal level of Pollution - Regulation of Pollution through Economic Instruments - Command and Control Approach.										15	
Total												
Course Outcomes								Programme Outcomes				
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				
Textbooks												
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											

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	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,
Reference Books	
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 rd Edition Oxford University Press.
Web Resources	
1.	https://unfccc.int/
2.	https://www.undp.org/
3.	http://moef.nic.in/
4.	https://www.envis.nic.in
5.	https://www.unep.org

Mapping with Programme Outcomes:

	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	2	3	2	2	3	3	3
CO 4	3	3	3	3	3	2	3	3
CO 5	3	3	3	3	3	3	2	3
Weightage	15	14	15	14	15	14	14	15
Weighted percentage of course contribution to POS	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

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

THIRD YEAR - SEMESTER-V

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
	TAMIL NADU ECONOMY	Discipline Specific Elective -V					4	5	25	75	100
Learning Objectives											
C1	To 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 tamil nadu and its growth										
C4	To know the general performance of the tamilnadu										
C5	To describe the state finances and its development initiatives										
UNIT	Contents										No. of Hours
I	Introduction Tamil Nadu–Salient features–Geographical Features – Economic and Social Indicators –Human Development – Index Rank–Gender Disparity Index–Poverty Index –Work Participation Rate – Unemployment Rate – Literacy Rate– Life Expectancy – Demography and Occupational Patterns.										15
II	Agriculture Agriculture–Land Use Patterns– Cropping Pattern–Irrigation - Agricultural Marketing – Defects and Remedial measures – Agricultural Finance – Policy and Issues –Crop Insurance.										16
III	Industry 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, SPZ, SEZ.										14
IV	State Finances and Development Initiatives State Finance – Revenue and Expenditure of the State – Tamil Nadu’s Recent Budget – Poverty Alleviation and Unemployment Programmes – Education and Health Care and State Welfare Programmes.										15
V	General Performance of the State Tourism and Medical Tourism – Women Empowerment Programme – Self Help Groups and Micro Finance-MahalirThittam - Environmental Protection Measures.										15
Total										75	
Course Outcomes							Programme Outcomes				
CO	On completion of this course, students will										
1	Understand salient features, Poverty, Unemployment of Tamil Nadu Economy						PO1,PO2				
2	Examine the Issues in Indian Agriculture, Land Use Patterns, finance and Insurance						PO2,PO3				
3	Grasp the Industrial Scenario in Tamil Nadu						PO1,PO7 ,PO8				
4	Describe the status of State Finances and Development Programmes of Tamil Nadu						PO2,PO3				

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5	Analyse the overall performance of Tamil Nadu Economy. PO3,PO7,PO8
Textbooks	
1	Leonard A.G.S.I, (2006), Tamil Nadu Economy, Macmillan India Ltd, New Delhi
2	Naganathan 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
Reference Books	
1.	Veeramani A.R., Tamil Nadu Agricultural Economy,Divyasre Publication,2015
2.	Manickam.S, (2010), Tamil Nadu – An Economic Appraisal, Department of Evaluation and Applied Research, Panorama of Indian Economy.
3.	Madras Institute of Development Studies, (1988), Tamil Nadu Economy: Performance and Issues, Oxford and IBH Publishing Company Pvt. Ltd., New 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.	
Web Resources	
1.	www.tn.gov.in
2.	http://tnervis.nic.in/
3.	https://www.msmeonline.tn.gov.in/
4.	https://ctd.tn.gov.in
5.	https://www.tamilnadutourism.tn.gov.in

Mapping with Programme Outcomes:

	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	2	2	3	2	2	3	3	3
CO 4	3	3	3	3	3	3	3	3
CO 5	3	3	3	3	3	3	2	3
Weightage	14	14	14	14	15	14	14	15
Weighted percentage of course contribution to POS	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

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

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THANJAVUR

65

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THIRD YEAR - SEMESTER-V

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
	MANAGERIAL ECONOMICS	Discipline Specific Elective -V					3	5	25	75	100
Learning Objectives											
C1	To 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.										
UNIT	Contents									No. of Hours	
I	Introduction Nature and Scope of Managerial Economics - Meaning - Characteristics- Importance-Role and Responsibilities of Managerial Economist - Basic Economic Tools in Managerial Economics.									15	
II	Demand, Cost and Profit Analysis 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									15	
III	Pricing Policies and Practices Objectives - Popular Pricing Methods and Strategies- Price Discounts and Differentials- Pricing by Manufacturers and Retailers- Price Forecasting.									12	
IV	Capital Budgeting 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.									18	
V	Cost of Capital 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.									15	
Total									75		
Course Outcomes						Programme Outcomes					
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					
Textbooks											
1	Varshney R.L., and Maheshwari K.L. (1997), Managerial Economics, Sultan Chand, N										

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	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 Pvt Ltd, 2013
Reference Books	
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.
Web Resources	
1.	http://economics.about.com/od/pricing
2.	www.rbi.org
3.	https://nptel.ac.in/courses/110101005
4.	https://www.managementstudyguide.com/managerial-economics
5.	https://hbr.org/1976/11/pricing-policies-for-new-products

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	2	3	2	2	3	3	3
CO 4	3	3	3	3	3	3	3	3
CO 5	3	3	3	3	3	3	2	3
Weightage	15	14	15	14	15	15	14	15
Weighted percentage of course contribution to POS	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

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

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THANJAVUR


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THIRD YEAR - SEMESTER-V

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
	OPERATIONS RESEARCH	Discipline Specific Elective -VI					3	5	25	75	100
Learning Objectives											
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.										
UNIT	Contents										No. of Hours
I	Introduction to Operations Research Operations Research – Definition–Methodology – Tools- Types of Operations Research Models- Operations Research and Decision Making - Limitations.										12
II	Linear Programming Problem Definition -- Applications- Assumptions -Formulation- -Graphical solution – Maximization and Minimization- Simplex Method (2 Variable)										15
III	Transportation and Assignment Introduction – Matrix Formulation of a Transportation Problem– North West Corner Entry Method –Vogel’s Approximation Method- Initial Basic Feasible Solution (basic problems) - Assignment – Introduction – Balanced and Unbalanced Assignment Problem – Solution using Hungarian Assignment Method.										18
IV	Decision Theory Decision Making under Risk and Uncertainty-Decision Tree Analysis-Network Analysis –Basic Concepts: CPM – PERT										15
V	Queuing Theory Queuing Theory - Basic Concepts -Traffic Intensity– Idle Rate-Single Channel - Number of Customers in Line and System - Time Spent by the Customers in Line and System - Probability of Customers’ Waiting.										15
	Total										75
Course Outcomes								Programme Outcomes			
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							PO3,PO4			

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	and Uncertainty	
5	Evaluate the costs involved in Queuing	PO2,PO3
Textbooks		
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	
Reference Books		
1.	Chawla K.K ,Vijay Gupta and Bhushan K.Sharma (2015) Introduction to Operations Research, Kalyani Publishers	
2.	HamdyaTaha,(2017)Operations Research: An Introduction, 10 th 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,	
Web Resources		
1.	https://www.edx.org/course/operations-research-an-active-approach	
2.	https://www.theorsociety.com/resource-centre/teaching-resources/	
3.	https://or.stackexchange.com/questions/4277/operations-research-self-study-resources-for-beginners	
4.	https://www.notes4free.in/admin/postimages/OR%20NOTES.pdf	
5.	https://youtu.be/x-Wx9KLRBpk	

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	2	2	3	3	3
CO 4	3	3	3	3	3	3	2	3
CO 5	3	3	3	3	3	3	2	3
Weightage	15	15	15	14	14	15	14	15
Weighted percentage of course contribution to POS	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

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

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THANJAVUR - 613 005.

THIRD YEAR - SEMESTER-V

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
	GENDER ECONOMICS	Elective					3	5	25	75	100
Learning Objectives											
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										
UNIT	Contents								No. of Hours		
I	Introduction to Gender Analysis and Economics Definition - Gender - Gender Analysis: Purpose and Scope - Feminist Perspective in Economics - Classical and Neoclassical Economics- Post Keynesian Economics-Economic Measurements - Empirical Challenges.								12		
II	Development and Anti - Development Development Versus Anti-Development - Women In Development (WID)- Women and Development (WAD)-Gender And Development - Women And Empowerment-Women And Environment - Ecofeminism.								15		
III	Women and Work – A Conceptual Clarification 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								18		
IV	Marginalization of Women Women Sideline – 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								15		
V	Gender, The Economy and Related Issues Population – Demographic Features - Health and Education - Policy Measures – Government and NGOs– Gender Budgeting								15		
	Total								75		
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				

70

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Textbooks	
1	Jaya Shrivatsava(2018) Gender Discrimination and Inequality in Contemporary India: Dimensions and Voices of Protests, Kalpaz Publications.
2	Caroline Criado Perez(2019) Invisible Women: Data Bias in a World Designed for Men, Harry N.Abrams.
3	Mukesh Eswaran (2020) Why Gender Matters in Economics Princeton University Press
4	K.R.Gupta, "Gender Problems and Policies", Atlantic, 2009.
5	Joyce Jacobsen , "The Economics of Gender", Wiley – Blackwell Publisher 3rd Edition, 2007
Reference Books	
1.	GOI (1987), Shram Shakti, Report on the National Commission on Self – employed Women and Women in the Informal Sector New Delhi.
2.	Julie A Nelson (1996), Feminism, Objectivity and economics, Routledge, London.
3.	Krishnaraj, Maithreyi and Joy P. Deshmukh(1991), Gender in Economics, Ajantha Publishers, New Delhi
4.	Loutfi, MF(ed.)(2002), Women, Gender & Work, Rawat Publishers, New Delhi
5.	Krishnaraj, M., and M.P.D. Joy. Gender in Economics. Ajantha, New Delhi, 1991
Web Resources	
1.	https://www.unwomen.org/en/how-we-work/intergovernmental-support/world-conferences-on-women
2.	https://wcd.nic.in/
3.	https://www.tn.gov.in/department/30
4.	http://icds-wcd.nic.in/
5.	http://ncw.nic.in/

Mapping with Programme Outcomes:

	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	2	3	2	2	3	3	3
CO 4	3	3	3	3	3	2	3	3
CO 5	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

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

Head
PG & Research Dept. of Economics 71
Rajah Serfoji Govt. College
THANJAVUR

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RAJAH SERFOJI GOVERNMENT COLLEGE (AUTONOMOUS)
THANJAVUR - 613 005.

THIRD YEAR - SEMESTER -VI

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst Hours	Marks		
									CIA	External	Total
	INTERNATIONAL ECONOMICS	Core-XIII					4	6	25	75	100
Learning Objectives											
C1	To evaluate critical overview of International Trade theories										
C2	To understand the Foreign Exchange Market and its operations										
C3	To 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										
UNIT	Contents							No. of Hours			
I	Introduction 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.							15			
II	International Trade Theories 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.							14			
III	Foreign Exchange Market Foreign Exchange Market: Function and structures - Exchange Rates: Fixed, Flexible, Floating, Pegged, Nominal and Real Exchange Rates - Theories of Exchange Rates: Mint Parity Theory, Purchasing Power Parity Theory, and Balance of Payments Theory.							16			
IV	Balance of Payments 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	Terms of Trade and Trade Policy 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			
Total							75				
Course Outcomes							Programme Outcomes				
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				

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5	Outline the concepts of terms of trade and assess the Tariff, quotas, Free trade and economic development	PO1,PO2
Textbooks		
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	
Reference Books		
1.	Paul Krugman, Maurice Obstfeld, and Marc Melitz, (2012), International Economics: Theory and Policy, Addison-Wesley (Pearson Education Indian Edition), 9th edition.	
2.	Kindleberger, C.P (1977). International Economics, D.B. Taraporevala Sons and Co. Pvt. Ltd., Bombay	
3.	Leamer, E. E., & Stern, R. M. (2017). Quantitative International Economics. Routledge.	
4.	Salvatore, D. (2016). International Economics. John Wiley & Sons.	
5.	Jones, R. W., Grossman, G. M., Kenen, P. B., Rogoff, K., Gopinath, G., & Helpman, E. (Eds.). (1997). Handbook of International Economics (Vol. 3). Elsevier.	
Web Resources		
1.	https://www.imf.org	
2.	https://www.forextime.com/education/forex-trading-for-beginners	
3.	https://www.weforum.org/	
4.	https://www.wto.org/	
5.	https://policy.trade.ec.europa.eu/eu-trade-relationships-country-and-region/negotiations-and-agreements_en	

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	3	2	2	3	3	3
CO 4	3	3	2	3	3	2	3	3
CO 5	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

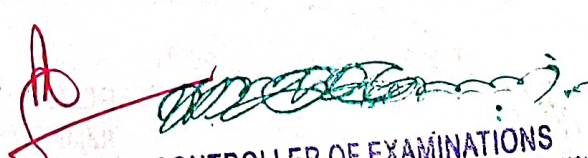
S-Strong-3 M-Medium-2 L-Low-1

Level of Correlation between PSO's and CO's

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

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THANJAVUR

73

73

CONTROLLER OF EXAMINATIONS
RAJAH SERFOJI GOVERNMENT COLLEGE (AUTONOMOUS)
THANJAVUR - 613 005.

THIRD YEAR - SEMESTER -VI

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
	DEVELOPMENT ECONOMICS	Core -XIV					4	6	25	75	100
Learning Objectives											
C1	To focuses on themes that cut across core values in development economics										
C2	To describes the various approaches and theories of development.										
C3	To 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										
UNIT	Contents								No. of Hours		
I	Introduction 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.								12		
II	Theories of Economic Growth and Development – I 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.								15		
III	Theories of Economic Growth and Development – II Harrod-Domar Model (Critical Expansion and Growth) - - Solow Model of Growth - Technical Progress and Growth - Human Capital and Growth - Myrdal Model (Cumulative Causation Thesis) - Kaldor Model (Model of Distribution).								18		
IV	Development Planning 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	Financing Economic Development Role of Financial System in Economic Development – Formal Versus Informal Finance – Micro Finance – Foreign Finance – Foreign Aid - Development Assistance Debate.								15		
Total									75		
Course Outcomes							Programme Outcomes				
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	Evaluate the source and significance of Finance in Economic Development	PO3,PO4
Textbooks		
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 st 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	
Reference Books		
1.	Todaro Michael and C Smith Stephen (2017) Economic Development, Pearson, 12 th Edition	
2.	Taneja & R. M. Myre M.L. (2017), Economics of Development and Planning, Vikas Publishing Co., 15 th 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.	
Web Resources		
1.	https://web.mit.edu/krugman/www/dishpan.html	
2.	http://www.niti.gov.in/	
3.	https://ida.worldbank.org/en/what-is-ida	
4.	https://www.trade.gov/	
5.	https://www.saarc-sec.org/	

Mapping with Programme Outcomes:

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

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

THIRD YEAR - SEMESTER - VI

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks			
									CIA	External	Total	
	AGRICULTURAL ECONOMICS	Core -XV					4	6	25	75	100	
Learning Objectives												
C1	To probe into the various issues in agricultural Labour											
C2	To 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.											
UNIT	Contents								No. of Hours			
I	Introduction 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	Agricultural Labour Agricultural labour: Definition - Types - Supply of Labour - Problems - Rural Unemployment: Types, Consequences and Remedial Measures- Minimum Wages for Agricultural Workers- Recent Wage and Self-Employment Programmes								15			
III	Agricultural Finance 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	Agricultural Price Policy Objectives and need of Agricultural Price Policy - Stability and Trends in Agricultural Prices - Evaluation of Agricultural Price Policy in India - Agricultural Exports - Current Issues in Indian Agriculture.								15			
V	Sustainable Agriculture and Food Security 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			
	Total								75			
Course Outcomes								Programme Outcomes				
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				
Textbooks												

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


Mapping with Programme Outcomes:

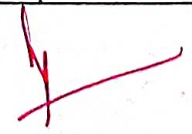
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	2	2	3	3	3	3	3	3
CO 2	3	3	3	3	3	3	3	3
CO 3	3	3	3	2	2	3	3	3
CO 4	3	3	3	3	3	2	3	3
CO 5	3	3	3	3	3	3	2	3
Weightage	14	14	15	14	15	15	14	15
Weighted percentage of course contribution to POS	2.8	2.8	3.0	2.8	3.0	3.0	2.8	3.00

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

Level of Correlation between PSO's and CO's

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


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77 
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THIRD YEAR - SEMESTER -VI

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
	BASIC ECONOMETRICS	Discipline Specific Elective- VII					3	5	25	75	100
Learning Objectives											
C1	To analyse the Economic Relationship mathematically.										
C2	To 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.										
UNIT	Contents										No. of Hours
I	Introduction 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	Estimation 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 only) – Hypothesis Testing (t and F test)–Test of Goodness of Fit R^2 and Adjusted R^2 .										18
III	Violation of Assumptions Multi-collinearity: Nature, Consequences, detection and Remedial Measures- Heteroscedasticity: Nature-Consequences Detection and Remedial Measures- Autocorrelation: Nature, Consequences, Detection and Remedial Measures.										15
IV	Functional Forms and Dummy Variables 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	Simultaneous Equation Model 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
Total										75	
Course Outcomes								Programme Outcomes			
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
Textbooks		
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.	
Reference Books		
1.	Dominick Salvatore and Derrick Reagle, Statistics and Econometrics, Tata McGraw Hill (Schaum's Series).	
2.	Damodar, N. (2009). Basic Econometrics Fifth Edition. McGraw-Hill.	
3.	Moody, C. (2009). Basic econometrics with STATA. Economics Department. College of William and Mary.	
4.	Johnson Jr, A. C., Johnson, M. B., & Buse, R. C. (1987). Econometrics: Basic and applied. New York.	
5.	Hill, R. C., Griffiths, W. E., & Lim, G. C. (2018). Principles of econometrics. John Wiley & Sons.	
Web Resources		
1.	https://nptel.ac.in/courses/111104072	
2.	http://home.iitk.ac.in/~shalab/onlinecoursematerial	
3.	https://nou.edu.ng/coursewarecontent/ECO%20355_0.pdf	
4.	https://www.econometricssociety.org	
5.	https://economicsnetwork.ac.uk	

Mapping with Programme Outcomes:

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

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

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79

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THIRD YEAR - SEMESTER - VI

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
	BEHAVIOURAL ECONOMICS	Discipline Specific Elective-VII					3	5	25	75	100
Learning Objectives											
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.										
UNIT	Contents										No. of Hours
I	Introduction History and Evolution of Behavioural Economics - Neoclassical Concept and Criteria for Economic Rationality - Causes of irrationality – Herbert Simon -Bounded Rationality Methods used in Behavioural Economics										15
II	Heuristics & Biases Advantages and Disadvantages of Heuristics - Availability Heuristic - Anchoring Heuristic - Representative Heuristic - Self Evaluation Biases and Projection Bias										14
III	Animal Spirits and its impact on Economic Decisions 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	Prospect Theory Conventional approaches to modifying Expected Utility theory - Prospect theory and Endowment effect - Reference points and Loss Aversion - Shape of the utility function - Decision weighting										16
V	Mental Accounting Nature and Components of mental accounting - Framing and Editing - Budgeting and Fungibility - Choice Bracketing and Dynamics										15
Total										75	
Course Outcomes								Programme Outcome			
CO	On completion of this course, students will										
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
Textbooks											
1	Phillip Corr and AnkePlagnolBehavioral Economics: The Basics 1 st Edition, Kindle Edition,										

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	Routledge, 2018
2	Dan Ariely Predictably Irrational: The Hidden Forces That Shape Our Decisions, Harper Collins, 2009.
3	David Correll Behavioral Economics: Psychology, Neuroscience, and The Human Side of Economics (Hot Science) Icon Books Ltd, 2021
4	Sanjit Dhami., The Foundations of Behavioral Economic Analysis, Oxford University Press, 2016
5	Brandon Lehr, "Behavioral Economics Evidence, Theory, and Welfare", Talyor & Francis, 2021
Reference Books	
1.	Nick Wilkinson and Matthias Klaes (2012) An Introduction to Behavioural Economics 2 nd Edition, Palgrave Macmillan, London
2.	David R. Just (2014) Introduction to Behavioural Economics, Wiley Publication, New Jersey
3.	Colin F. Camerer, George Loewenstein and Matthew Rabin (2003) Advances in Behavioural
4.	Frank Robert H (2015) Microeconomics and Behaviour, McGraw Hill Education, New York, 2015
5.	Thaler, Richard H (2016) The Making of Behavioural Economics - Misbehaving, WW Norton & Co, Penguin, London
Web Resources	
1.	www.behavioraleconomics.com/BEGuide2017.pdf
2.	academic.oup.com/restud/pages/behavioral_economics
3.	https://www.behavioraleconomics.com/
4.	https://www.exploring-economics.org/en/orientation/behavioral-economics/
5.	https://www.povertyactionlab.org/

Mapping with Programme Outcomes:

	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
CO 5	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

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

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81

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THIRD YEAR - SEMESTER - VI

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
	FINANCIAL MARKETS AND INSTITUTIONS	Discipline Specific Elective -VIII					3	5	25	75	100
Learning Objectives											
C1	To provides a comprehensive functions and operations of financial markets										
C2	To understand the various financial institutions and its operations in India										
C3	To 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.										
UNIT	Contents									No. of Hours	
I	Introduction 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	Financial Institutions – I Commercial Banking - Role of Banks – NPAs - Risk Management in Banking– International Banking - Financial Regulations and Regulatory Institutions in India - RBI, SEBI, IRDA, PFRDA - Corporate Governance and SEBI.									15	
III	Financial Institutions – II Financial Institutions – Provident Fund, Pension Fund, Insurance Companies - Mutual Fund, Credit Rating Agencies, Merchant Bank, Venture Capital Funds. Bond Market: Bond Features, Bond Price Volatility, Government Security Market, Corporate Bond Market, Public Sector Undertaking Bonds.									12	
IV	Derivatives Market Classification of Stock Market and Securities – IPO, Stock Exchanges, Stock Market Indices, Derivatives Market - Types of Derivatives.									15	
V	Exchange Market 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	
Total									75		
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				
Textbooks											
1	Saunders, A., Cornett, M. M., & Erhemjamts, O. (2012). Financial Markets and Institutions.										

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	McGraw-Hill/Irwin.
2	Mishkin, F. S., & Eakins, S. G. (2006). Financial Markets and 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
Reference Books	
1.	Megginson, W. L. (2005). The Financial Economics of Privatization. Oxford University Press on Demand.
2.	Burton, M., Nesiba, R. F., & Brown, B. (2015). An introduction to Financial Markets and Institutions. Routledge.
3.	Jones, F. M. (2014). Foundations of Financial Markets and Institutions. Pearson Education.
4.	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, Mc Graw Hill Education India.
Web Resources	
1.	https://www.rbi.org.in
2.	https://www.nseindia.com
3.	https://www.sebi.gov.in
4.	https://dpiit.gov.in/foreign-direct-investment/foreign-direct-investment-policy
5.	https://fifp.gov.in/

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	2	2	3	3	3	3
CO 4	3	3	3	3	3	3	3	3
CO 5	3	3	3	3	3	3	3	3
Weightage	15	15	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	2.8	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	3	2	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3
Weightage	15	15	15	13	14
Weighted percentage of Course Contribution to PSOs	3	3	3	2.6	2.8

THIRD YEAR - SEMESTER -VI

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
	URBAN ECONOMICS	Discipline Specific Elective - VIII					3	5	25	75	100
Learning Objectives											
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.										
UNIT	Contents									No. of Hours	
I	Introduction 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	Concept, Causes and Problems of Urbanisation Urbanization – Concept– Urban Morphology - Causes and Issues of Urbanization- Sustainable Urbanization.									15	
III	Urban Infrastructure Urban Infrastructure- Transportation – Electricity - Water Supply - Slums, Housing and Urban Renewal -Public Health.									16	
IV	Migration Theories 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	Policies for Urban Development Policies and Programmes for Urban development - Measures to Control Urban Growth - Integrated Development of Small and Medium Towns- Smart Cities in India									15	
Total											
Course Outcomes							Programme Outcomes				
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				
Textbooks											
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
Reference Books	
1.	Briance A and Ravinder Singh, (edited) (1995), Housing the Urban Poor, Policy and Practice in Developing Countries, (Sage Publications, New Delhi).
2.	Fred Durr (1971), The Urban Economy (London, Index Educational 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).
Web Resources	
1.	https://smarcities.gov.in/
2.	http://www.moud.in/
3.	https://urbaneconomics.org/
4.	https://www.iom.int/
5.	https://refugeesmigrants.un.org/

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	2	2	2	3	3	3	3
CO 4	3	3	3	3	3	3	3	3
CO 5	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

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

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THIRD YEAR - SEMESTER - VI

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
	GENERAL STUDIES FOR COMPETITIVE EXAMINATIONS	Professional Competency Skill					2	2	25	75	100
Learning Objectives											
C1	To create the opportunity for learning across different disciplines										
C2	To build experiences for students as they grow into lifelong learners.										
C3	To 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										
UNIT	Contents									No. of Hours	
I	Polity 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									15	
II	Geography Major oceans of the world - Important Canals – Gulfs – Straits and Passes - Indian Rivers and its Tributaries - Climatology - Atmosphere, wind systems, cloud systems, world climatic 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									15	
III	Economy 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									15	
IV	History 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									15	
V	Environment and Ecology 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									15	

86


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Total		75
Learning Outcomes		Programme Outcomes
During this course, students will		
2	Acquire broad knowledge of the different components in Polity	PO1,PO2
	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
Textbooks		
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	
Reference Books		
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	
Web Resources		
1.	https://darpg.gov.in/en	
2.	https://www.india.gov.in/topics/governance-administration	
3.	https://dea.gov.in/	
4.	https://mausam.imd.gov.in/	
5.	http://moef.gov.in/	

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	2	3	3
CO 3	3	2	2	2	3	3	3	3
CO 4	3	3	3	3	3	3	3	3
CO 5	3	3	3	3	3	3	3	3
Weightage	15	14	14	14	15	14	15	15
Weighted percentage of course contribution to POS	3.0	2.8	3.0	2.8	3.0	2.8	3.0	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	3	3
CO2	3	3	2	3	3
CO3	3	3	2	3	3
CO4	2	2	2	3	3
CO5	3	2	2	3	3
Weightage	14	13	11	15	15
Weighted percentage of Course Contribution to PSOs	2.8	2.6	2.2	3	3

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87

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