

A.D.M COLLEGE FOR WOMEN (AUTONOMOUS),

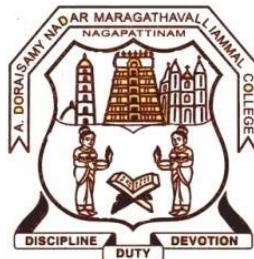
NAGAPATTINAM – 611001

(Nationally Re-accredited with “A” Grade by NAAC – 4th Cycle)

PG & RESEARCH DEPARTMENT OF ECONOMICS

(for the candidates admitted from the academic year 2024-2025 onwards)

B.A. Economics



SYLLABUS

2024-2025

B.A. Economics

ADM COLLEGE FOR WOMEN (AUTONOMOUS)

PG & RESEARCH DEPARTMENT OF ECONOMICS

Programme:	B.A. Economics
Programme Code:	BAE
Duration:	3 Years(UG)
Programme Educational Objectives (PEO):	<p>PEO1: To provide the students a well founded education in Economics.</p> <p>PEO2: To provide structural curricula which support the academic development of Students.</p> <p>PEO3: To provide and adapt curricula that prepares our graduates for employment and further studies in Economics.</p> <p>PEO4: To provide the students with the opportunities to pursue courses that emphasizes quantitative and theoretical aspects of Economics.</p> <p>PEO5: To provide well resourced learning environment for Economics.</p>
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>

**CURRICULUM STRUCTURE – B.A ECONOMICS
(For I Year 2024 Batch onwards)**

Part	Category of Courses	No. of Courses	Hrs	Total Credits
Part I	Language Courses (Tamil/Hindi/French/Arabic/ Sanskrit)	4	24	12
Part II	English Language Courses	4	24	12
Part III	Core Courses (CC)	14	75	61
	Minor Course (AC)	4	16	14
	Discipline Specific Courses (DSC)	3	13	10
	Project	1	3	3
Part IV	Skill Enhancement Courses (SEC)	4	8	8
	Ability Enhancement Courses (AEC)	3	6	6
	Multi Disciplinary Courses (NME)	2	4	4
	Environmental Studies	1	2	2
	Value Education	1	2	2
	Soft Skill Development	1	2	2
	Summer Internship/Industrial Activity	0	0	2
Part V	Gender Studies	1	1	1
	Extension Activity (NCC/NSS/Sports/Any Other Activities)	0	0	1
	Total	43	180	140

EXTRA CREDIT SCHEME STRUCTURE – 2024 - 2027

Courses	Credits	Semester	Marks
Extra Credit Courses I(Professional English) ECPEA - ECC I - PROFESSIONAL ENGLISH FOR ARTS AND SOCIAL SCIENCES	2	I	100
Extra Credit Courses II (Skill Course I – Add on)	2	II	100
Extra Credit Courses III(Skill Course II- Add on)	2	III	100
Extra Credit Courses IV(Skill Course III- Add on)	2	IV	100
Value added course I (Multidisciplinary)	2	V	100
Value added Course II (Same disciplinary)	2	VI	100
Total	12		

B.A ECONOMICS
SCHEMEOFEXAMINATIONS– 2024– 25 Batch

SEMESTER – I							
PART	COURSE TYPE	COURSES	HOURS	CREDITS	EXAM DURATION	MAX. MARKS	
						CIA	EXT
Part I	Language Course I	LC I - PODHU TAMIL -I	6	3	3	25	75
Part II	English Course I	ELC I - GENERAL ENGLISH -I	6	3	3	25	75
Part III	Core Course I	CC I - MICRO ECONOMICS	5	4	3	25	75
	Core Course II	CC II - INDIAN ECONOMIC DEVELOPMENT	5	4	3	25	75
	Minor Course I	MC I - STATISTICS FOR ECONOMICS - I	4	3	3	25	75
Part IV	Skill Enhancement Course I	SEC I - MANAGERIAL SKILLS	2	2	3	25	75
	VE	VALUE EDUCATION	2	2	3	25	75
*Extra Credit 1	Extra Credit I	EXTRA CREDIT COURSE I - PROFESSIONAL ENGLISH		2	-	0	100
		No. of Courses – 7+1	30	21+2			

SEMESTER – II							
PART	COURSE TYPE	COURSES	HOURS	CREDITS	EXAM DURATION	MAX. MARKS	
						CIA	EXT
Part I	Language Course II	LC II - - PODHU TAMIL -II	6	3	3	25	75
Part II	English Course II	ELC II - GENERAL ENGLISH -II	6	3	3	25	75
Part III	Core Course III	CC III - - MICRO ECONOMICS –II	5	4	3	25	75
	Core Course IV	CC IV - TAMIL NADU ECONOMY	5	4	3	25	75
	Minor Course II	MC II - STATISTICS FOR ECONOMICS-II	4	4	3	25	75
Part IV	Skill Enhancement Course II	SEC II - ENTREPRENEURSHIP DEVELOPMENT	2	2	3	25	75
	EVS	ENVIRONMENTAL STUDIES	2	2	3	25	75
*Extra Credit II	Extra Credit II	EXTRA CREDIT COURSES II (SKILL COURSE I – ADD ON)		2	-	0	100
		No. of Courses – 7+1	30	22+2			

SEMESTER – III							
PART	COURSE TYPE	COURSES	HOURS	CREDITS	EXAM DURATION	MAX. MARKS	
						CIA	EXT
Part I	Language Course III	LC III - - PODHU TAMIL -III	6	3	3	25	75
Part II	English Course III	ELC III - GENERAL ENGLISH -III	6	3	3	25	75
Part III	Core Course V	CC V - MACRO ECONOMICS I	5	4	3	25	75
	Core Course VI	CC VI - AGRICULTURAL ECONOMICS	5	4	3	25	75
	Minor Course III	MC III - MATHEMATICS FOR ECONOMICS	4	4	3	25	75
Part IV	Multi Disciplinary Course I	NME I - DEMOGRAPHY	2	2	3	25	75
	Skill Enhancement Course III	SEC III -PRINCIPLES OF MARKETING	2	2	3	25	75
*Extra Credit III	Extra Credit III	EXTRA CREDIT COURSES III(SKILL COURSE II- ADD ON)		2	-	0	100
NO. OF COURSES – 7+1			30	22+2			

SEMESTER – IV							
PART	COURSE TYPE	COURSES	HOURS	CREDITS	EXAM DURATION	MAX. MARKS	
						CIA	EXT
Part I	Language Course IV	LC IV - - PODHU TAMIL -IV	6	3	3	25	75
Part II	English Course IV	ELC IV - GENERAL ENGLISH -IV	6	3	3	25	75
Part III	Core Course VII	CC VII - MACRO ECONOMICS- II	5	4	3	25	75
	Core Course VIII	CC VIII - LABOUR ECONOMICS	5	4	3	25	75
	Minor Course IV	MC IV - HEALTH ECONOMICS	4	3	3	25	75
Part IV	Multi Disciplinary Course II	NME II - ECONOMICS FOR INVESTORS	2	2	3	25	75
	Ability Enhancement Course I	AEC I - DIGITAL ECONOMY	2	2	3	25	75
*Extra Credit IV	Extra Credit IV	EXTRA CREDIT COURSES IV(SKILL COURSE III- ADD ON)		2	-	0	100
No. of Courses – 7+1			30	21+2			

SEMESTER – V							
PART	COURSE TYPE	COURSES	HOURS	CREDITS	EXAM DURATION	MAX. MARKS	
						CIA	EXT
Part III	Core Course IX	CC IX -- MONETARY ECONOMICS	6	5	3	25	75
	Core Course X	CC X - FISCAL ECONOMICS	6	5	3	25	75
	Core Course XI	CC XI - INDUSTRIAL ECONOMICS	6	5	3	25	75
	Core Course XII	CC XII - ECONOMICS OF TOURISM	5	4	3	25	75
	Discipline Specific Elective I	DSE I -1. CAPITAL MARKET / 2. HISTORY OF ECONOMIC THOUGHT	3	3	3	25	75
Part IV	Ability Enhancement Course II	AEC II --PERSONNEL MANAGEMENT	2	2	3	25	75
	SSD	SOFT SKILL DEVELOPMENT	2	2	3	25	75
	Summer nternship /Ind. Training	INTERNSHIP	-	2			
*Extra Credit V	Extra Credit Courses V	VALUE ADDED COURSE I (MULTIDISCIPLINARY)		2	-	0	100
		No. of Courses – 7+1	30	28+2			

SEMESTER – VI							
PART	COURSE TYPE	COURSES	HOURS	CREDITS	EXAM DURATION	MAX. MARKS	
						CIA	EXT
Part III	Core Course XIII	CC XIII - INTERNATIONAL ECONOMICS	6	5	3	25	75
	Core Course XIV	CC XIV - DEVELOPMENT ECONOMICS	6	5	3	25	75
	Core Course XV	CC XV - Project	3	3	-	-	-
	Discipline Specific Elective II	DSE II -1. GENDER ECONOMICS / 2. MONEY AND BANKING	5	3	3	25	75
	Discipline Specific Elective III	DSE III - URBAN ECONOMICS / FINANCIAL MARKETS AND INSTITUTIONS	5	4	3	25	75
Part IV	Skill Enhancement Course IV	SEC IV - - ECONOMICS FOR COMPETITIVE EXAMINATIONS	2	2	3	25	75
	Ability Enhancement Course III	AEC III - HUMAN RESOURCE DEVELOPMENT	2	2	3	25	75
Part V	GS	GENDER STUDIES	1	1	3	25	75
	Extension Activities	(NCC/NSS/Sports/Any Other Activities)	0	1			
*Extra Credit VI	Extra Credit Courses VI	Value added Course II (Same disciplinary)		2	-	0	100
		No. of Courses – 8	30	26+2			

Grand Total – Credit 140 & Extra Credit 12

Semester-I / CC-I	MICRO ECONOMICS-I	Course Code:
Instruction Hours: 5	Credits: 4	Exam Hours: 3
Internal Marks -25	External Marks-75	Total Marks: 100

Cognitive Level	K - 1 Recalling K - 2 Understanding K - 3 Applying K - 4 Analyze K - 5 Evaluating K - 6 Creating	
Course Objectives	The Course aims <ul style="list-style-type: none"> • To Equip the economic behaviours of individual units of the society. • To describes the consumer behaviour and utility analysis • To impart knowledge on demand and supply concepts • To identify the relevance of Production and returns to scale of Production • 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 Marginal Utility – Law of Diminishing Marginal Utility - Law of Equi-Marginal Utility- Indifference Curves–Properties–Marginal Rate of Substitution- Budget Line – Price and Substitution Effects-Optimal Consumer Choice – Revealed Preference Theory – Samuelson and Hicks’ Approach	18

III	<p>Demand and Supply Analysis</p> <p>Demand – Types of Goods -Law of Demand – Determinants – Exceptions – Giffen Paradox – Veblen Effect- Elasticity of Demand: Types - Engel’s Law -Supply – Law of Supply –Determinants – Elasticity of Supply and its Types- Market Equilibrium - Consumer Surplus and Producer Surplus</p>	15
IV	<p>Production Analysis</p> <p>Production Function– Law of Variable Proportions- Laws of Returns to Scale-Iso-quant’s-Types of Production Function – Cobb -Douglas and Constant Elasticity of Substitution(CES) Production Function – Economies and Diseconomies of Scale</p>	15
V	<p>Cost and Revenue Concepts</p> <p>Costs – Fixed and Variable Costs - Average, Marginal, and Total Costs – Short Run and Long Run Costs – Implicit, Explicit, Sunk and Imputed Cost – Revenue – Total, Average and Marginal Revenue – Relationship between AR, MR and Elasticity of Demand- Profit Maximization Rule.</p>	12

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, 12th Media Services.

Reference Books

1. Koutsoyiannis (2003), Modern Microeconomics Palgrave Macmillan (UK) 2ndEdition.
2. Gregory Mankiw (2012), Principlesof Microeconomics Cengage India.
3. Dwivedi, D.N(2002), Microeconomics: Theory and Applications, 2nd 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.economicsnetwork.ac.uk/>
4. <https://www.cliffsnotes.com/study-guides/economics/introduction/microeconomics>
5. <http://neconomides.stern.nyu.edu/networks/micnotes/micnotes.pdf>

Course Outcomes

On completion of the course, students should be able to

CO1: Understand the meaning of basic concepts and the need for the study of Microeconomics.

CO2: Evaluate the Types of Utility and Consumer Behaviour.

CO3: Acquire knowledge on various market equilibrium, Demand and Supply Functions

CO4: Understand the meaning of Production Functions

CO5: Understand the theory of firms, Cost and Revenue

Mapping of course outcomes with Programme Outcomes:

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

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

Mapping of Course outcomes with Programmes Specific Outcomes

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
C01	M	S	M	S	S
C02	S	M	M	S	S
C03	M	M	S	S	S
C04	M	M	S	M	M
C05	M	M	S	S	S

Semester-I /Core Course-II	Indian Economic Development	Course Code:
Instruction Hours: 5	Credits: 4	Exam Hours: 3
Internal Marks -25	External Marks-75	Total Marks: 100

Course Objectives:

- To understand the differences between various development and growth of the Economy.
- To know the demographic details of the Economy.
- To understand the various problems of Agricultural sectors
- To learn the various sources of Industrial Finance
- To identify the various Service Sector, achievements and failures of Planning.

Cognitive Level	K - 1 Recalling K - 2 Understanding K - 3 Applying K - 4 Analyze K - 5 Evaluating K - 6 Creating	
Course Objectives	<ul style="list-style-type: none"> ● To understand the differences between various development and growth of the Economy. ● To know the demographic details of the Economy. ● To understand the various problems of Agricultural sectors ● To learn the various sources of Industrial Finance ● To identify the various Service Sector, achievements and failures of Planning. 	
UNIT	Contents	No. of Hours
I	CONCEPTS OF ECONOMIC DEVELOPMENT Economic Development and Growth: Concepts - Features - Difference between Growth and Development; Economic and Non-Economic Factors Promoting and Inhibiting Economic Development - Basic Characteristics of Under Developed Countries.	15
II	DEMOGRAPHIC PROFILE AND MAJOR ISSUES Population - Age composition –Sex Intensity - Literacy Rate - Occupational Distribution - Population Policy: Features of New Population Policy; National Income: Concepts -Methods of Measuring National Income -Trends and Difficulties of Estimating National Income; Major issues - Unemployment – Inequality - Causes - Effects and Measures.	15
III	AGRICULTURAL SECTOR Land Reforms (features only): Causes for Low Productivity; Green Revolution: Features- Merits and Demerits: Agricultural Finance -Sources and Problems.	15

IV	INDUSTRIAL SECTOR Industry: Forms - Cottage, MSMEs - Large Scale Industries - Importance - Problems and Measures; Industrial Finance - Sources and Problems - Industrial Policy.	15
V	SERVICE SECTOR AND PLANNING Forms of Service: (Transport, Energy, and Health) Components - Significance - Transport - Energy -Banking and Insurance (Importance and Problems only) - Planning: Objectives - Strategies -Achievements and failures - NITI AYOOG and its functions.	15

Text Book:

1. Dr. Sankaran. S - Indian Economy, Margham publications, 2015.
2. Ruddar Dutt and K.P.M Sundaram - Indian Economy, S .Chand and Co, Ltd, New Delhi, 2015.

Reference Books:

1. Bimal Jalan - India's Economic Crisis – The way Ahead , Oxfrord University, 2011.
2. Dandekar - The Indian Economy, -Vol- II Sage Publications, New Delhi, 1947-1992.

e- Resources:

1. [http://www. EconomicGrowth.pdf](http://www.EconomicGrowth.pdf)
2. <http://www. Rural Development.pdf>

Course Outcomes:

On completion of the course the learner will be able

CO 1: To know the economic and non economic factors of economic Development.

CO 2: To understand the measuring National Income in the Economy.

CO 3: To know the role of Agricultural sector in Economic Development

CO 4: To understand the role of industrial aspects in Indian Economy.

CO 5: To understand the achievements and failures of the planning.

Mapping of course outcomes with Programme Outcomes:

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

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

Mapping of Course outcomes with Programmes Specific Outcomes

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
C01	M	S	M	M	S
C02	M	M	S	S	S
C03	M	M	M	S	S
C04	M	M	S	M	M
C05	S	M	S	M	S

Semester-I /MC-1	STATISTICS FOR ECONOMICS –I	Course Code:
Instruction Hours: 4	Credits: 3	Exam Hours: 3
Internal Marks -25	External Marks-75	Total Marks: 100

Cognitive Level	K - 1 Recalling K - 2 Understanding K - 3 Applying K - 4 Analyzing K - 5 Evaluating K - 6 Creating	
Course Objectives	The Course aims To know the nature and scope of statistics and its applications To teach students Collection, Classification, Analyzing and Presentation of data. To apply the measures of central tendency To draw measurement of dispersion and its applications 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.	12
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.	12
III	Measures of Central Tendency Measures of Central Tendency- Requisites of a Good Average – Arithmetic Mean, Median, and Mode – Relative Merits and Demerits. Geometric mean and	12

	Harmonic mean (Concept only)	
IV	Measures of Dispersion Absolute and Relative Measures of Dispersion – Range – Quartile Deviation – Mean Deviation – Standard Deviation – Variance - Coefficient of Variation .	12
V	Correlation and Regression Correlation – Types of Correlation – Scatter diagram -Karl Pearson’s Co-efficient of Correlation – Spearman’s Rank Correlation – Regression Equations – Difference between Correlation and Regression Analysis.	12
	Total	60

Textbooks

- 1 Gupta. S.P (2005) Statistical Methods, Sultan Chand and Sons, New Delhi.
- 2 Sancheti. D.C and Kapoor V.K(2005) Statistical Theory Method and Application, Sultan Chand and Sons, New Delhi.
- 3 Dr.T.K.V.Iyengar, Dr.B.Krishna Gandhi S.Ranganantham, Dr.M.V.S.S.N Prasad, Probability and Statistics, S.Chand and Co, 2020.
- 4 Prof S.G.Vekatachalapathy and Dr.H.Premraj (2018) Statistical Methods Margham Publications.
- 5 Dominick Salvatore and Derrick Reagle,theory and problems of statistics andeconometrics, 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/>

Course Outcomes

On completion of the course, students should be able to

CO1: Understand the overview of statistics and basic knowledge of statistical tools.

CO2: Differentiate Types of Data and its Classification

CO3: Explain the concept of Averages and its application

CO4: Know the concept of Dispersion and its application

CO5: Calculate Correlation and estimate values using Regression

Programme Outcomes:

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

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

Mapping of Course outcomes with Programmes Specific Outcomes

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
C01	M	S	M	S	M
C02	S	M	S	S	S
C03	M	M	S	S	S
C04	S	S	S	M	M
C05	M	M	S	S	M

Semester-I /SEC-1	MANAGERIAL SKILLS	Course Code:
Instruction Hours: 2	Credits: 2	Exam Hours: 3
Internal Marks -25	External Marks-75	Total Marks: 100

Cognitive Level	K - 1 Recalling K - 2 Understanding K - 3 Applying K - 4 Analyzing K - 5 Evaluating K - 6 Creating	
Course Objectives	The Course aims <ul style="list-style-type: none"> • To develop communication Skill • To know the role of Manager in organization • To analyze the Types of Managerial Skills • To describes the Emotional Intelligence • To know the importance of Problem solving . 	
UNIT	Contents	No. of Hours
I	Communication Definition-characteristics of communication-purpose of communication-importance-Process of communication-Barriers to communication-Principles of effective communication-Benefits of effective communication	6
II	Role of Manager in organization Interpersonal roles-informal role-Decision Making roles, Levels of Management- Top Management- Upper Middle Management - Middle Management- Operating Management.	6
III	Types of Managerial Skills Technical skill, Human or Psychological Skill, Conceptual Skill, Diagnostic Skill, Design Skill, Analytical Skill, Decision making skill-Digital Skill, Interpersonal Skill, Planning and Administration Skill ,Teamwork Skill, Strategic Action skills, Global Awareness Skill, Self-management skill. Personal skills .	6
IV	Emotional Intelligence Meaning, Personal Competencies, Self-Awareness, Self-regulation, Self-Motivation,	6

	Social Competencies, Empathy, Social Interpersonal Skills. Attitude –Meaning, Features of Attitude, sources of Attitude-Formation of attitudes-Values-Characteristics –types of Values	
V	Problem solving: Steps in Analytical problem solving –attributes of good problem solving –Generating Alternatives –Evaluation and selection of an alternative. Team building-Developing Team and Team work-advantages.	6
	Total	30

Textbooks

1. Dr.K.Alex (2015) Managerial Skills S,Chand New Delhi
2. S.A RahmathAmeena Begum, Managerial Skill Development ,CharulathaPublications,India

Reference Books

1. E.H.McGrath ,S.J (2011) Basic Managerial Skills for All ,Prentice Hall India Learning PvtLtd,India
2. Cynthia MenezesPrabhu (2022) Managerial skills 2, Pen to print Publishing, India
3. Meir Liraz, How to Improve Your Leadership and Management Skills - Effective Strategies for Business Managers, Liraz Publishing

Web Resources

1. <https://elearningindustry.com/tips-improving-management-skills-in-online-training>
2. <https://corporatefinanceinstitute.com/resources/careers/soft-skills/management-skills/>
3. <https://www.itm.edu/blog/pgdm-what-makes-pgdm-in-operations-and-supply-chain-a-good-option-for-candidates-with-good-managerial-skills>

Course Outcomes

On completion of the course, students should be able to understand

CO1: The importance of communication

CO2: About the pattern of Management

CO3: The types of Managerial skills and Personal skills

CO4: The practice Emotional Intelligence and Values

CO5: The Problem solving methods

Mapping of course outcomes with Programme Outcomes:

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

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

Mapping of Course outcomes with Programmes Specific Outcomes

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

Semester-II /CC III	MICROECONOMICS -II	Course Code:
Instruction Hours: 5	Credits: 4	Exam Hours: 3
Internal Marks -25	External Marks-75	Total Marks: 100

Cognitive Level	K - 1 Recalling K -2 Understanding K - 3 Applying K - 4 Analyzing K - 5 Evaluating K - 6 Creating	
Course Objectives	The Course aims <ul style="list-style-type: none"> • To equip the students to gain knowledge on the market structures • To analyse the monopoly and price discrimination in the market • To probe the monopolistic and oligopoly competitions and its operation • To enrich the students about the Theories of Distribution • 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

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, 12th Media Services.

Reference Books

1. Koutsoyiannis (2003), Modern Microeconomics, Palgrave Macmillan (UK) 2nd Edition.
2. Gregory Mankiw (2012), Principles of Microeconomics Cengage India.
3. Case & Fair, Principles of Economics Myeconlab series 8th Edn.
4. Mansfield, Edwin and Yohe, Gary (2010): Microeconomics 4th 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>

Course Outcomes

On completion of the course, students should be able to

CO1: Understand the equilibrium conditions in Perfect Competition.

CO2: Analyze the equilibrium conditions under Monopoly Market Structure.

CO3: Describe the Market Equilibrium under Monopolistic and Oligopoly Market.

CO4: Know the importance of theories of Distribution.

5

CO5: Evaluate the aspects of Welfare Economics and General Equilibrium.

Mapping of course outcomes with Programme Outcomes:

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

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

Mapping of Course outcomes with Programmes Specific Outcomes

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

Semester-II /CCIV	TAMIL NADU ECONOMY	Course Code:
Instruction Hours: 5	Credits: 4	Exam Hours: 3
Internal Marks -25	External Marks-75	Total Marks: 100

Cognitive Level	K - 1 Recalling K -2 Understanding K - 3 Applying K - 4 Analyzing K - 5 Evaluating K - 6 Creating	
Course Objectives	<ul style="list-style-type: none"> • To discuss the Features, Performance and development issues of Tamil Nadu Economy • To analyse the agricultural and industrial scenario in Tamil Nadu • To understand the industrial scenario in tamil nadu and its growth • To know the general performance of the tamilnadu • 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.	15
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.	15
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

Text Book:

1. Leonard .S.J - Tamil Nadu Economy, Mac Millan New Delhi,2006.
2. Dr. Sankaran S. - Indian Economy, Margham Publications, 2015.

Reference Books:

1. Kurien .C.T - A Profile of TamilNadu ,TamilNadu Orient Publishing House 1996.
2. Rajalakshmi. - Tamil Nadu Economy, Business Publishers, Chennai Publications,1999.
3. Ruddar Dutt and K.P.M Sundaram - Indian Economy S Chand and Co, Ltd, New Delhi, 2015.
4. TamilNadu Development Report - Tamil Nadu Economic Appraisal

e- Resources:

1. <http://www>. The Role of Human Resource Development and Management.pdf.
2. <http://www>. EconomicGrowth.pdf

Course Outcomes:

On completion of the course the learner will be able

CO 1: To understand the infrastructure facilities in Tamil Nadu.
CO 2:To study the role of agricultural sector in Tamil Nadu.
CO 3: To know the various financial institution to promote industrial sector in Tamil Nadu.
CO 4: To understand the issues in Tamil Nadu.
CO 5: To understand the various financial sources to develop Women entrepreneurs in Tamil Nadu.

Mapping of course outcomes with Programme Outcomes:

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

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

Mapping of Course outcomes with Programmes Specific Outcomes

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

Semester-II /MC	STATISTICS FOR ECONOMICS-II	Course Code:
Instruction Hours: 4	Credits: 4	Exam Hours: 3
Internal Marks -25	External Marks-75	Total Marks: 100

Cognitive Level	K - 1 Recalling K - 2 Understanding K - 3 Applying K - 4 Analyzing K - 5 Evaluating K - 6 Creating	
Course Objectives	The Course aims <ul style="list-style-type: none"> • To understand the various methods of index numbers and its applications • To analyse the components and measurement of time series data • To know the theories of probability and its applications • To probe the research design and sampling methods • 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 .	12
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.	12
III	Theory of Probability key Concepts of Probability – Theorems of Probability: Addition, Multiplication and Bayes’ Theorem (Theorems without Proof) Discrete and Continuous Random Variables – Theoretical Distributions – Binomial, Poisson and Normal – Properties- Uses and Applications.	12

IV	<p>Sampling</p> <p>Sampling – Census and Sample Method – Theoretical Basis of Sampling – Methods of sampling – Random and Non –Random Sampling - Merits and Limitations of Sampling – Sampling and Non- Sampling Errors.</p>	12
V	<p>Testing of Hypothesis</p> <p>Hypothesis Testing – Null and Alternative Hypothesis – Type – I and Type – II Errors– ‘t’ Test – Paired ‘t’-test – Chi –Square test, ‘F’ test.</p>	12

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 andeconometrics, 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/>

Course Outcomes

On completion of the course, students should be able to

CO 1 Gain Knowledge on the Index Numbers

CO 2 Analyze the importance of Time Series Data and its measurement

CO 3 Understand the concept of Probability

CO 4 Identify the various Sampling Methods

CO 5 Acquire Knowledge on Hypothesis Testing

Mapping of course outcomes with Programme Outcomes:

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

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

Mapping of Course outcomes with Programmes Specific Outcomes

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

Semester-II/SECII	Entrepreneurship Development	Course Code:
Instruction Hours: 2	Credits: 2	Exam Hours: 3
Internal Marks -25	External Marks-75	Total Marks: 100

Cognitive Level	K - 1 Recalling K -2 Understanding K - 3 Applying K - 4 Analyzing K - 5 Evaluating K - 6 Creating	
Course Objectives	The Course aims <ul style="list-style-type: none"> To enable the students to understand the managerial skill to start a Business. To get an idea about the development of Project formulation. To understand the types of organization. To make the students to understand the Entrepreneurial development programmes in India. To learn the various sources of institutional finance 	
UNIT	Contents	No. of Hours
I	CONCEPTS Entrepreneurs - Definitions – Traits and types – Functions – Motivation Entrepreneurial Systems	6
II	PROJECT FORMULATION Project Identification – Classification – Formulation- Introducing the concepts of Project – Project Report	6
III	ORGANISATION Steps for Starting a Small Industry – Selection of Types of Organization – Incentives – Subsidies – Export and Import – State Trading Houses	6
IV	WOMEN ENTREPRENEURS Women Entrepreneurs, Rural Women Entrepreneurship, Growth of Entrepreneurship – Problems of Women Entrepreneurship, Strategies- SHGS	6

V	INSTITUTIONAL FINANCE Finance – Institutions helping Entrepreneurs – Role of Commercial Banks – New Entrepreneurship Development Agencies- Entrepreneurial Development Programme (EDP) India.	6
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Text Book:

1. Gupta C.B.&
2. Srinivasan N.P -Entrepreneurship Development in India,mSultan Chand and sons, New Delhi,2017.
3. Saravanavel .P - Entrepreneurship Development, Ess Pee Kay Publisher, Chennai.1997.
4. Balu V - Entrepreneurial Development.1992.

Reference Books:

- 1.Rao,S.K - Entrepreneurship Development in India.
2. 2.Bhatta Charjee. M - Entrepreneurship Development
- 3.E.Gorden and Natarajan - Entrepreneurship Development Himalaya Publishing House, Mumbai. 2007

e- Resources:

1. http://www.yahoo.com/social_science/economics/infoseek-economics
2. www.sciencedirect.com ; <http://Levine.ssnet.ucla.edu>

Course Outcomes:

On completion of the course the learner will be able

CO 1: Understand the managerial skill to start a Business.
CO 2: Analyse the Project formulation.
CO 3: Understand the types of organization.
CO 4: Understand the Entrepreneurial development programmes in India.
CO 5: The role of various sources of institutional finance

Mapping of course outcomes with Programme Outcomes:

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

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

Mapping of Course outcomes with Programmes Specific Outcomes

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

Semester-III/ CC V	MACRO ECONOMICS-I	Course Code:
Instruction Hours: 5	Credits: 4	Exam Hours: 3
Internal Marks -25	External Marks-75	Total Marks: 100

Cognitive Level	K - 1 Recalling K - 2 Understanding K - 3 Applying K - 4 Analyzing K - 5 Evaluating K - 6 Creating	
Course Objectives	The Course aims <ul style="list-style-type: none"> • To understand the national income and its related concepts • To analyse the classical theory of full employment and its advantages • To illustrate the Keynesian under employment theory and its applications • To evaluate the theories of Consumption and its types • To impart students to understand inflation and its types 	
UNIT	Contents	No. of Hours
I	INTRODUCTION TO MACRO ECONOMICS Nature and Scope of Macro Economics - Importance and Limitations 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

Textbooks

- 1 Mankiw. N Gregory (2000), Macroeconomics, Worth Publishers, New York
- 2 VaishM.C.(2003) Macro Economic Theory , S.Chand & Company Ltd New Delhi
- 3 Paul Krugman and Robin Wells(2015) Macroeconomics Worth Publisher
- 4 H.L. Ahuja, Macro Economics: Theory and Policy S.Chand, 2016
- 5 Andrew B. Abel and Ben S.Bernanke, Macro 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. 11th 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/>

Course Outcomes

On completion of the course, students should be able to

CO1: Understand the structure of Macroeconomics and the Concept of GDP

CO2: Outline the concepts in Classical Theory of Employment

CO3: Analyse the Keynesian Underemployment Theory

CO4: Examine the theories of Consumption Function

CO5: Understand the types and the impact of Inflation on Economies

Mapping of course outcomes with Programme Outcomes:

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

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

Mapping of Course outcomes with Programmes Specific Outcomes

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

Semester-III/ CC VI	AGRICULTURAL ECONOMICS	Course Code:
Instruction Hours: 5	Credits: 4	Exam Hours: 3
Internal Marks -25	External Marks-75	Total Marks: 100

Cognitive Level	K - 1 Recalling K - 2 Understanding K - 3 Applying K - 4 Analyzing K - 5 Evaluating K - 6 Creating	
Course Objectives	<ul style="list-style-type: none"> • The Course aims • To probe into the various issues in agricultural Labour • To understand the marketing, Finance and Price Policy of Agriculture • To study the impact of Agriculture on Indian Economic Scenario. <ul style="list-style-type: none"> • To assess the Sustainable agriculture Development In india • 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.	15
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	15

	Developments– Methods and Issues - Population and Food Supply- Food Security and Public Distribution System in India.	
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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>

Course Outcomes

On completion of the course, students should be able to

CO1: Understand the relevance of Agricultural Economics and Development

CO2: Examine the importance of Agricultural Labour in Rural Development

CO3: Identify the sources and importance of Agricultural Finance

CO4: Analyze the trends in Agricultural Prices

CO5: Evaluate the Major issues pertaining to Agriculture

Mapping of course outcomes with Programme Outcomes:

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

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

Mapping of Course outcomes with Programmes Specific Outcomes

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

Semester-III /MC III	MATHEMATICS FOR ECONOMICS	Course Code:
Instruction Hours: 4	Credits: 4	Exam Hours: 3
Internal Marks -25	External Marks-75	Total Marks: 100

Cognitive Level	K - 1 Recalling K - 2 Understanding K - 3 Applying K - 4 Analyzing K - 5 Evaluating K - 6 Creating	
Course Objectives	The Course aims To integrate the concepts of Economics with Mathematical tools. To use Matrices to find solutions in Economics. To apply the applications of Matrix algebra and its uses To know the differentiation and its function 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 (Problems).	12
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.	12
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.	12
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	12

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, 3rd Edition, Mc Graw Hill
- 3 Renshaw Geoff, (2005) Maths for Economics, 3rd Edition Oxford University Press, Oxford
- 4 Carl P Simon & Lawrence E. Blume,“Mathematics for Economists”, Published by W. W. Norton & Company,2010
- 5 Ian Jacques, “Mathematics for Economics and Business”, Pearson, 2018

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. Mabbett. 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/soss/economics/pg/psmaths/pre-sessionmathbook.pdf>
4. <https://mitpress.mit.edu/9780262046626/mathematics-for-economics/>

Course Outcomes

On completion of the course, students should be able to

CO1: Understand Basic Concepts of Mathematics and its application in Economics.

CO2: Analyze the relevance of the Types of Matrices

CO3: Calculate optimal values in the system of Equations and the importance of Input-Output Analysis

CO4: Gain knowledge of the rules of Differentiation and its Economic Applications

CO5: To optimize single variable functions in Economics

Mapping of course outcomes with Programme Outcomes:

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

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

Mapping of Course outcomes with Programmes Specific Outcomes

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

Semester-III/NME-I	DEMOGRAPHY	Course Code:
Instruction Hours: 2	Credits: 2	Exam Hours: 3
Internal Marks -25	External Marks-75	Total Marks: 100

Cognitive Level	K - 1 Recalling K - 2 Understanding K - 3 Applying K - 4 Analyzing K - 5 Evaluating K - 6 Creating	
Course Objectives	The Course aims <ul style="list-style-type: none"> • To understand the meaning and scope of demography • To discuss the basic concepts of demographic measurements. • To describes the concepts of urbanisation and migration • To evaluate the international aspects of population growth and its environment • 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.	6
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	6
III	Migration and Urbanisation Migration and Urbanisation – Concept - Types of Migration- Effects of Migration and Urbanisation on Population— Recent Trends in Migration.	6

IV	<p>Population Trends</p> <p>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.</p>	6
V	<p>Population Policy in India</p> <p>Population Policy in India and its Evaluation – Population and Strategies for Human Development of Different Social Groups – National Population Commission.</p>	6

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- 5th 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/>

Course Outcomes

On completion of the course, students should be able to

CO1: Describe the various theories of Population Growth

CO2: Understand Demographic Indicators

CO3: Assess the causes and impact of Migration on rural-urban population distribution

CO4: Analyse the major demographic trends and their determinants

CO5: Evaluate Population Policy of India and analyse recent trends.

Mapping of course outcomes with Programme Outcomes:

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

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

Mapping of Course outcomes with Programmes Specific Outcomes

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

Semester-III/SEC III	PRINCIPLES OF MARKETING	Course Code:
Instruction Hours: 2	Credits: 2	Exam Hours: 3
Internal Marks -25	External Marks-75	Total Marks: 100

Cognitive Level	K - 1 Recalling K - 2 Understanding K - 3 Applying K - 4 Analyzing K - 5 Evaluating K - 6 Creating	
Course Objectives	<ul style="list-style-type: none"> • To assess the nature and scope of marketing and its functions • To understand the buying behavior and market segmentation with consumer protection act • To know the product, pricing decisions and pricing of new products • To reveals the distribution and promotions decisions its types and methods • 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.	6
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	6
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	6
IV	Distribution and Promotion Decisions Channels of Distribution: Meaning and Importance - Wholesaling and	6

	Retailing – Promotional Methods – Promotion Mix – Advertising: Objectives, Characteristics and Types of Advertising Mediums - Publicity – Personal Selling: Importance and Process - Sales Promotion and Distinctive Characteristics.	
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).	6
	Total	30

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 3rd 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 Bhagvathi (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>

Course Outcomes

On completion of this course, students will be able to

CO 1: Understand the Classification of Markets and Marketing Functions

CO 2: Analyze the buying behaviour, Buying Decision Process and Understand Basic Theories, Consumer Protection Act, Product Differentiation and Marketing Mix.

CO 3: Understand the concept of Product Mix, Product life cycle, Pricing Policies and Pricing of New Products.

CO 4: Describe the Channel of Distribution, Wholesaling, Retailing, Sales promotion and their distinctive characteristics.

CO 5: Evaluate the concepts of Modern Marketing and Elements.

Mapping of course outcomes with Programme Outcomes:

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

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

Mapping of Course outcomes with Programmes Specific Outcomes

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

Semester-IV/CC VII	MACRO ECONOMICS –II	Course Code:
Instruction Hours: 5	Credits: 4	Exam Hours: 3
Internal Marks -25	External Marks-75	Total Marks: 100

Cognitive Level	K - 1 Recalling K - 2 Understanding K - 3 Applying K - 4 Analyzing K - 5 Evaluating K - 6 Creating	
Course Objectives	The Course aims <ul style="list-style-type: none"> • To analyse the IS-LM model and its shifts • To probe the macro economic variables and business cycle • To trace the macroeconomic theories and analyze the macroeconomic policies. • To understand the monetary policy and its instruments. • 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.	15

IV	Fiscal Policy Fiscal Policy -Instruments- Classical and Keynesian Theory of Fiscal Policy– Fiscal Expansion – Critique of Fiscal Policy.	15
V	Supply Side Economics Rational Expectation Hypothesis – New Classical School – Contribution of Robert Lucas – New Keynesian School of Economics	15

Textbooks

- 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 Economics, 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 11th 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>

Course Outcomes

On completion of the course, students should be able to

Co1: Understand the IS-LM Model.

Co2: Learn the operation of theories of Business Cycles.

Co3: Analyze the components of Money Supply and Demand.

Co4: Evaluate the effectiveness of Fiscal Policy.

Co5: Understand Supply Side Economics.

Mapping of course outcomes with Programme Outcomes:

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

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

Mapping of Course outcomes with Programmes Specific Outcomes

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

Semester-IV/CCVIII	Labour Economics	Course Code:
Instruction Hours: 5	Credits: 4	Exam Hours: 3
Internal Marks -25	External Marks-75	Total Marks: 100

Cognitive Level	K - 1 Recalling K -2 Understanding K - 3 Applying K - 4 Analyzing K - 5 Evaluating K - 6 Creating	
Course Objectives	The Course aims <ul style="list-style-type: none"> ● To study the characteristics of Indian Labour. ● To make the students aware of various problem of Indian Labour. ● To make the students to understand working of Trade union in India. ● To know the theories of Trade Unionism. ● To understand the Labour welfare measures in India 	
UNIT	Contents	No. of Hours
Unit I	CONCEPTS OF LABOUR Meaning of Labour - Characteristics of Labour -Problems - Characteristics Indian Labour - Migration - Meaning - Effects of Migration.	15
Unit II	ABSENTEEISM AND TURNOVER OF LABOUR Definition of Absenteeism- Extent – effects, causes and problems. Labour turnover- measures to remove absenteeism - Measurement of Labour turnover-Difficulties in measuring labour turnover	15
Unit III	TRADE UNIONISM AND FUNCTIONS Meaning and Functions of Trade unionism- The Theories of Trade Unionism- The Theory of Industrial Democracy- Karl Marx Theory- Gandhian Theory.	15
Unit IV	INDUSTRIAL DISPUTES Meaning -Forms - Industrial disputes in India- Effects of Industrial disputes - Collective Bargaining.	15
Unit V	LABOUR WELFARE MEASURES Meaning of labour welfare- classification -Scope - Importance - Labour welfare measures in India -Social Welfare Programme.	15

Test Book:

1. Dr.B.P.Tyagi. - Labour Economics and Social Welfare - Jai Prakash nath & Co Publications 2010.
2. A.M.Sharma - Labour Welfare and Social Security S.Chand and Company LTd 2006.

Reference Books:

1. M.L.Seth - Monetary Economics, Lakshmi Narain Agarwal,Agra.
2. M.C.Vaish - Money, Banking and International Trade (Wiley Eastern Ltd., New Delhi.
- 3.Sayers.R.S - Modern Banking(Oxford University, Press)
4. Basu S.K. - Recent Banking Development (Chand and Co., New Delhi)
5. Basil J. Moore - An introduction to the theory of finance (oxford university, Press)

e- Resources:

1. <http://labour.nic.in>
2. <http://www.dgms.net>
3. <http://labour.nic.in/cgit/welcome.html>
4. <http://www.epfindia.com/>
5. <http://labour.nic.in/cbwe/welcome.html>

Course Outcomes:

On completion of the course the learner will be able

CO 1: To understand the problems of migration
CO 2: To know how to face the labour problem
CO 3: To aware of the function of Trade Unionism
CO 4:To find out the solution of Industrial Disputes
CO 5: To aware of welfare scheme for Labour.

Mapping of course outcomes with Programme Outcomes:

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

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

Mapping of Course outcomes with Programmes Specific Outcomes

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

Semester-IV/MC IV	HEALTH ECONOMICS	Course Code:
Instruction Hours: 4	Credits: 3	Exam Hours: 3
Internal Marks -25	External Marks-75	Total Marks: 100

Cognitive Level	K - 1 Recalling K - 2 Understanding K - 3 Applying K - 4 Analyzing K - 5 Evaluating K - 6 Creating	
Course Objectives	<ul style="list-style-type: none"> • To understand the importance of health sector in economic development • To evaluate the components of demand and supply of health care • To understand the importance of Health Indicators. • To evaluate the components of Demand of Healthcare. • 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.	12
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.	12
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.	12
IV	Health Infrastructure Health Infrastructure – Rural – Urban –Government Programmes - Preventive, Promotive and Curative Health Care Services - Health	12

	Allocation in Budget	
V	Health Services and Medical Insurance Health Insurance -Types of Insurance Policies in India- Medical Ethics - Medical Tourism.	12

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 Macmillan, 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 Distributors, 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/>

Course Outcomes

On completion of the course, students should be able to

CO 1: Understand the importance of Health Indicators.

CO 2: Evaluate the components of Demand of Healthcare

CO 3: Analyze the importance of Supply of Healthcare Services

CO 4: Review the Existing Health Infrastructure and Budget Allocation

CO 5: Trace the growth of Medical Tourism in India and understand the need for Health Insurance

Mapping of course outcomes with Programme Outcomes:

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

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

Mapping of Course outcomes with Programmes Specific Outcomes

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

Semester-IV/NME II	ECONOMICS FOR INVESTORS	Course Code:
Instruction Hours: 2	Credits: 2	Exam Hours: 3
Internal Marks -25	External Marks-75	Total Marks: 100

Cognitive Level	K - 1 Recalling K - 2 Understanding K - 3 Applying K - 4 Analyzing K - 5 Evaluating K - 6 Creating	
Course Objectives	The Course aims <ul style="list-style-type: none"> • To understand concepts of saving and investments • To probe the various investment avenue and its practice applications • To enables various investment markets and its features • To Know the economic fundamentals and the Business Environment • 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	6
II	Investment Avenues Traditional Investment – Cash, Deposits, Gold, Silver, Commodities Real Estates. Modern Investment – Direct Investment – Portfolio Investment - Insurance -Mutual Funds -Traded Funds.	6
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	6
IV	Economic fundamentals for Investors Domestic Economic Environment: Economic Growth and Development – National Income – Per Capita Income, Unemployment – Taxes, Trade Cycle	6

	-- International Economic Growth and Development, Trade, Foreign Exchange - Global Recession- Oil Market – War Between Countries	
V	Investment Methods and Strategies. Cash Flow – Capital Gain – Risk Rewarding – Asset Accumulation - Risk Distribution – Asset Management.	6

Textbooks

1. Ken McElroy, (2004) The ABCs of Real Estate Investing, Hachette Book Group USA
2. Esme Faerber (2013), All about Stocks ,TataMGrav Hill, New Delhi
3. [Christopher D. Piros](#), [Jerald E. Pinto\(2013\)](#), “Economics for Investment Decision Makers:Micro, Macro, and International Economics, Workbook”, Wiley, 2013
4. John Calverley, “The Investor's Guide to Economic Fundamentals”, Wiley, 2003
5. Howards Marks, Mastering The Market Cycle:Getting the Odds on Your Side”, John Murray Press, 2018

Reference Books

1. Robert T. Kyosaki,(2014) Guide To Investing Business Plus ISBN: 9780446589161
2. BenjamineGraham(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>

Course Outcomes

On completion of the course, students should be able to

CO1: Describe the types and importance of savings and investments.

CO2: Explain the available for investment avenues

CO3: Understand the operations of different types of investment markets.

CO4: Evaluate the economic fundamentals and information.

CO5: Construct objective enabling investment plans, strategy, evaluate and restructure if required.

Mapping of course outcomes with Programme Outcomes:

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

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

Mapping of Course outcomes with Programmes Specific Outcomes

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

Semester-IV/AEC-I	DIGITAL ECONOMY	Course Code:
Instruction Hours: 2	Credits: 2	Exam Hours: 3
Internal Marks -25	External Marks-75	Total Marks: 100

Cognitive Level	K - 1 Recalling K -2 Understanding K - 3 Applying K - 4 Analyzing K - 5 Evaluating K - 6 Creating	
Course Objectives	The Course aims <ul style="list-style-type: none"> • Make students understand the scope of applications of Economics in different digital sectors. • Create awareness about the economics of innovation and intellectual property. • Create ability to evaluate various challenges to Property Rights that arise due to the globalization of digital economy. • Understand the likely global implications of development of digital economy in future. • Make students cognizant about the various contemporary theoretical and empirical developments in Digital economy. 	
UNIT	Contents	No. of Hours
I	INTRODUCTION: Definition of digital economy – Nature and Scope – Importance – Characteristics – Benefits Problems – Challenges – Environment and digital economy.	6
II	FUNDAMENTALS OF DIGITAL ECONOMY: Digital goods and services – Public goods and Digital services – Production and digital services – Consumption and digital services – Crowd sourcing – Open sources software – Multi-sided platforms.	6
III	DIGITAL MARKET: Definition – Role of Stockholders in digital market – Types of e-commerce markets – Market Information System (MIS) – E-banking – E-Governance – E-services – Data protection and Cyber security.	6

IV	DIGITAL INNOVATION: Meaning of digital innovation – Types – Product Life Cycle (PLC) Online Classes – Massive Open Online Courses (MOOC) – Problems of online courses – Digital innovation and economic growth – Bitcoin and Crypto currencies	6
V	DIGITAL DIVIDE: Meaning – Importance – Causes – Challenges – Effects – Internet and social inequality – Can the Digital Divide be bridged?	6
	Total	30

Reference Books

1. H. Overby and J. A. Audestad, Introduction to Digital Economics - Foundations, Business Models and Case Studies, Springer Publications
2. Brousseau, E., & Curien, N. (Eds.). (2007). Internet and digital economics: principles, methods and applications. Cambridge University Press elhi.
3. Brynjolfsson, E., & Kahin, B. (Eds.). (2002). Understanding the digital economy: data, tools, and research. MIT press.

Course Outcomes

On completion of the course, students should be able to

CO 1: Understand interlinks between Environment and Digital Economy.

CO 2: Understand the importance of digital goods and services.

CO 3: Gain knowledge about the types of E-commerce markets and Management Information Systems (MIS).

CO 4: Understand the Digital innovations such as PLC, MOOC.

CO 5: Gain an understanding about the possible future challenges of Digital Economy.

Mapping of course outcomes with Programme Outcomes:

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

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

Mapping of Course outcomes with Programmes Specific Outcomes

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

Semester-V /CCIX	MONETARY ECONOMICS	Course Code:
Instruction Hours: 6	Credits: 5	Exam Hours: 3
Internal Marks -25	External Marks-75	Total Marks: 100

Cognitive Level	K - 1 Recalling K - S Understanding71 K - 3 Applying K - 4 Analyzing K - 5 Evaluating K - 6 Creating	
Course Objectives	The Course aims <ul style="list-style-type: none"> To understand the functions of Money To explains the theories of Money To compare the monetarism and Keynesianism To know the Role of Commercial Banks after Nationalisation and its operations 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.	18
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.	18
III	Monetarism Vs Keynesianism Monetarism Vs Keynesianism- Comparison- Determinants of Money Supply – Money Multiplier. Supply Side Policies of Inflation.	18
IV	Commercial Banks Commercial Banks - Credit Creation – Role of Commercial Banks after Nationalisation- RBI's role in Commercial Banks -Narasimhan Committee Report.	18
V	Monetary Stability and Central Bank	18

	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.	
	Total	90

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/>

Course Outcomes

On completion of the course, students should be able to

CO 1:. Acquire knowledge of Money and its functions

CO 2:Understand the theories of Money

CO 3:Compare the monetarism and Keynesianism

O 4: Understand operations of Commercial Banks and Money Multiplier

CO 5: Identify the role of central banks and its operations

Mapping of course outcomes with Programme Outcomes:

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

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

Mapping of Course outcomes with Programmes Specific Outcomes

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

Semester-V / CC X	FISCAL ECONOMICS	Course Code:
Instruction Hours: 6	Credits: 5	Exam Hours: 3
Internal Marks -25	External Marks-75	Total Marks: 100

Cognitive Level	K - 1 Recalling K -2 Understanding K - 3 Applying K - 4 Analyzing K - 5 Evaluating K - 6 Creating	
Course Objectives	The Course aims <ul style="list-style-type: none"> To enable students to acquire Knowledge on the various facets of Fiscal Economics. To illustrates various theories of fiscal economics and its applications To describes the budget process and features of a good tax system To analyse the trends in public expenditure and debt management 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.	18
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.	18
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.	18

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.	18
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.	18
	Total	90

Textbooks

- 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/>

Course Outcomes

On completion of the course, students should be able to

CO 1: Understand the importance and Instruments of Fiscal Economics.

CO 2: Evaluate the Principles and theories of Public Finance.

CO 3: Analyze the Budget, Indian Tax System and Policy.

CO 4: Describe Classification, Laws of Public Expenditure and Public Debt.

CO 5: Know the Indian Public Finance System and Policy Recommendations.

Mapping of course outcomes with Programme Outcomes:

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

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

Mapping of Course outcomes with Programmes Specific Outcomes

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

Semester-V / CC XI	INDUSTRIAL ECONOMICS	Course Code:
Instruction Hours: 6	Credits: 5	Exam Hours: 3
Internal Marks -25	External Marks-75	Total Marks: 100

Cognitive Level	K - 1 Recalling K - 2 Understanding K - 3 Applying K - 4 Analyzing K - 5 Evaluating K - 6 Creating	
Course Objectives	The Course aims <ul style="list-style-type: none"> To discuss the Features, Performance and development issues of the Industrial Economy To analyse the various theories of Industrial Location. To know the licensing policies and industrial sickness To describe the growth Patterns in Indian Industrial Sector. 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.	18
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.	18
III	Industrial Licensing and Policies Industrial Licensing – MRTP Act – Industrial Policies -Industrial Productivity - Capacity Utilization - Industrial Sickness- Mergers and Acquisitions – Profitability and Efficiency.	18
IV	Industrial sector Industrial Regions of the World and India -Industrial Clusters in India- Sunrise Sector- Regional Backwardness- Government Initiatives.	18

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.	18
Total		90

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.l“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/>

Course Outcomes

On completion of the course, students should be able to

CO 1: Understand the importance of Industrial Economics

CO 2: Examine theories of industrial Location

CO 3: Review the relevance of Industrial Policies

CO 4: Describe the Industrial belts of the World and India

CO 5: Analyse the Industrial Trends in the Indian Economy.

Mapping of course outcomes with Programme Outcomes:

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

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

Mapping of Course outcomes with Programmes Specific Outcomes

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

Semester-V/CCXII	ECONOMICS OF TOURISM	Course Code:
Instruction Hours: 5	Credits: 4	Exam Hours: 3
Internal Marks -25	External Marks-75	Total Marks: 100

Cognitive Level	K - 1 Recalling K - 2 Understanding K - 3 Applying K - 4 Analyzing K - 5 Evaluating K - 6 Creating	
Course Objectives	The Course aims <ul style="list-style-type: none"> • To familiarise students with the basic concepts of Tourism. • To probe the tourism demand forecasting and its methods • To analyse the impact of tourism and its related aspects • To understand the contribution of the Tourism Industry • 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

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/>

Course Outcomes

On completion of the course, students should be able to

CO1: Describe the importance of Tourism

CO2: Understand various methods to calculate demand for tourism

CO3: Analyse the impact of Tourism

CO4: Know the various Tourist circuits in India

CO5: Learn the role of Organisations in tourism development

Mapping of course outcomes with Programme Outcomes:

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

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

Mapping of Course outcomes with Programmes Specific Outcomes

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	S	S	S	M
CO2	S	M	S	M	S
CO3	S	S	S	S	M
CO4	Sp	M	S	S	S
CO5	S	S	S	S	S

Semester-V/DSE-I	Capital Market	Course Code:
Instruction Hours: 3	Credits: 3	Exam Hours: 3
Internal Marks -25	External Marks-75	Total Marks: 100

Cognitive Level	K - 1 Recalling K -2 Understanding K - 3 Applying K - 4 Analyzing K - 5 Evaluating K - 6 Creating	
Course Objectives	The Course aims <ul style="list-style-type: none"> • To provide the students the important functions of Capital Market. • To learn, the various feature for SEBI. • To enable the students to have an understanding of the forms and functions of new issues of the market. • To learn the various securities of capital Marketing. • To learn the sources of recent trends in Indian Capital Market 	
UNIT	Contents	No. of Hours
I	INTRODUCTION The Indian financial system- meaning, Components, Role and functions, Recent development in the Indian financial system, Capital Market- significance and functions of capital market, Industrial Securities Market, Financial Instruments in Industrial Securities market, Government Securities market.	9
II	SEBI SEBI- Establishment, Objectives, Powers and functions.	9
III	NEW ISSUES MARKET Primary market, Functions of new issue market,-Methods of floating new issue, IPO, FPO, Public issue, bonus issue, Right issue, Private placement, Book building, ESOP, Intermediaries in the New Issue Market, Registrars to the Issue, brokers to the issue, Bankers to the issue, Underwriters.	9
IV	SECURITIES Secondary market, Members of the Stock Exchange, listing of securities, Classification of listed securities.	9
V	STOCK EXCHANGES Stock exchanges – definition - role and functions – stock exchanges in India- NSE, BSE, MCX, and major international stock Exchanges, Recent trends in Indian Capital Market.	9

Text Book:

1. Gupta N.K and Monica Chopra - Financial Markets Institutions and services 2009.
2. Yogesh Maheswary - Investment Management 2008.
3. Kevin. S : Security Analysis and Portfolio Management.PHI learning private Limited.2015

Reference Books:

1. Preethi Singh - Dynamics of Indian Financial System, Global professional publication.2012.
2. Sasikumar.K and Alex Mathew - Indian Financial System and Markets. 2016.

e- Resources:

1. www.epolicy.rbi.org.in
2. www.bulletin.rbi.org.in
3. www.bankreport.rbi.org.in
4. <http://mospi.nic.in>
5. <http://www.indiastat.com>

Course Outcomes:

On completion of the course the learner will be able

CO 1: Grasp the basic knowledge of Capital Market
 CO 2: Understand the various features of SEBI
 CO 3: Understand the Functions of New Issue Market
 CO 4: Understand the various securities of capital Marketing
 CO 5: Understand the recent trends in Indian Capital Market

Mapping of course outcomes with Programme Outcomes:

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

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

Mapping of Course outcomes with Programmes Specific Outcomes

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

Semester-V /AEC-II	PERSONNEL MANAGEMENT	Course Code:
Instruction Hours: 2	Credits: 2	Exam Hours: 3
Internal Marks -25	External Marks-75	Total Marks: 100

Cognitive Level	K - 1 Recalling K - 2 Understanding K - 3 Applying K - 4 Analyzing K - 5 Evaluating K - 6 Creating	
Course Objectives	The Course aims <ul style="list-style-type: none"> • To learn the nature and scope of personnel management • To know the job analysis and job specification. • To learn the Performance appraisal and job evaluation • To know the labour welfare and social security measures • To Know the Industrial Relations and Trade unionism 	
UNIT	Contents	No. of Hours
I	Introduction Personnel Management - meaning, nature, scope and objective- Functions of Personnel Department - The Role of Personnel manager - Organization of personnel department - Personnel Policies and Procedures.	6
II	Manpower planning - Job description - Job analysis - Role analysis - Job specification - Recruitment and Selection -Training and Development.	6
III	Performance appraisal - Job evaluation and merit rating - Promotion - Transfer and demotion - Human relations - approaches to good human relations - Punishment	6
IV	Wages and Salary administration - Incentive system - Labour welfare and Social Security - Safety, health and Security - retirement benefits	6

	to employees.	
V	. Industrial relations - Trade unionism - Grievance handling- collective bargaining and worker's participation in management	6
	Total	30

Textbooks

1. Tripathy - Personnel Management and Industrial Relations
2. Bhagoiwal- Personnel Management and Industrial Relations

Reference Books

1. Memoria - Personnel Management and Industrial Relations
2. VSP. Rao - Human Resource Management
3. Yogesh, Maheshwari, Managerial Economics, PHI Learning PvtLtd,2013

Web Resources

1. <https://nptel.ac.in/courses/110105069>
2. <https://nptel.ac.in/courses/110105069>
3. <https://gndu.ac.in/syllabus/201415/ECOBUS/PG%20DIPLOMA%20IN%20PERSONNEL%20MANAGEMENT%20and%20INDUSTRIAL%20RELATIONS%20SEMESTER%20I%20and%20II.pdf>

Course Outcomes

On completion of the course, students should be able to

- Co1: Understand the nature and scope of personnel management
- CO2: Examine the job analysis and job specification.
- CO3: Understand the Performance appraisal and job evaluation
- CO4: Understand the labour welfare and social security measures
- CO5: Understand the Industrial Relations and Trade unionism

Mapping of course outcomes with Programme Outcomes:

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

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

Mapping of Course outcomes with Programmes Specific Outcomes

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

Semester-VI /CC XIII	INTERNATIONAL ECONOMICS	Course Code:
Instruction Hours: 6	Credits:5	Exam Hours: 3
Internal Marks -25	External Marks-75	Total Marks: 100

Cognitive Level	K - 1 Recalling K - 2 Understanding K - 3 Applying K - 4 Analyzing K - 5 Evaluating K - 6 Creating	
Course Objectives	<ul style="list-style-type: none"> • To evaluate critical overview of International Trade theories • To understand the Foreign Exchange Market and its operations • To know the BOP disequilibrium and International Trade Policy. • To impart knowledge on Foreign Exchange Market and its concepts • 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.	18
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.	18
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.	18
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.	18
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.	18

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

Course Outcomes

On completion of the course, students should be able to

CO 1: Develop ideas of the basic characteristics of Globalisation of the World Economy and its current international economic problems and challenges.

CO 2: Grasp the basic theories of International Trade and Economic Growth.

CO 3: Understand the functions, structure and theories of Foreign Exchange Market.

CO 4: Describe the BOP disequilibrium, Adjustment Mechanism, Export Promotion and Import Substitution.

CO 5: Outline the concepts of terms of trade and assess the Tariff, quotas, Free trade and economic development

Mapping of course outcomes with Programme Outcomes:

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

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

Mapping of Course outcomes with Programmes Specific Outcomes

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

Semester-VI /CCXIV	DEVELOPMENT ECONOMICS	Course Code:
Instruction Hours: 6	Credits:5	Exam Hours: 3
Internal Marks -25	External Marks-75	Total Marks: 100

Cognitive Level	K - 1 Recalling K - 2 Understanding K - 3 Applying K - 4 Analyzing K - 5 Evaluating K - 6 Creating	
Course Objectives	<ul style="list-style-type: none"> • To focuses on themes that cut across core values in development economics • To describes the various approaches and theories of development. • To analyze the significance of Development Models in Economic Planning • To enable the students to know about Development and Growth Models. • 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.	18
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.	18
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.	18
V	Financing Economic Development Role of Financial System in Economic Development – Formal Versus Informal Finance – Micro Finance – Foreign Finance – Foreign Aid - Development Assistance Debate.	18

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, 41st 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, 12th Edition
2. Taneja & R. M. Myre M.L. (2017), Economics of Development and Planning, Vikas Publishing Co., 15th 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/>

Course Outcomes

On completion of the course, students should be able to

CO 1:Outline the central themes and approaches to Development.

CO 2:Compare and contrast the theories of Growth and Development

CO 3:Critically analyse various Models of Growth.

CO 4:Examine the welfare impact of Development Planning and proposed development interventions by different institutions

CO 5:Evaluate the source and significance of Finance in Economic Development

Mapping of course outcomes with Programme Outcomes:

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

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

Mapping of Course outcomes with Programmes Specific Outcomes

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

Semester-V/DSE II	GENDER ECONOMICS	Course Code:
Instruction Hours: 5	Credits: 3	Exam Hours: 3
Internal Marks -25	External Marks-75	Total Marks: 100

Cognitive Level	K - 1 Recalling K - 2 Understanding K - 3 Applying K - 4 Analyzing K - 5 Evaluating K - 6 Creating	
Course Objectives	The Course aims <ul style="list-style-type: none"> • Students will be able to sensitize on issues that is related to gender • To understand the conceptual clarification of women and work • To analyse the Women in Organized and Unorganized Sectors in an Economy • Identify the marginalization of women in economic theory and in the economy • Incorporate gender in mainstream policy making 	
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.	15
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	15

IV	Marginalization of Women Women Sidelined – Gender – Discrimination Theories - Women in The Labour Market – Sexual Division of Labour, Wage Differentials, Micro Credit - Women in The Organized and Unorganized Sectors Of The Indian Economy (Application) - 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	60

Text Books

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://new.nic.in/>

Course Outcomes

On completion of the course, students should be able to

CO 1:Recognize needs for Gender Analysis

CO 2:Analyze the role of gender in development

CO 3:Identify the reasons behind the marginalization of women

CO 4:Formulate policies to include the excluded

CO 5:Integrate gender in Mainstream Economics

Mapping of course outcomes with Programme Outcomes:

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

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

Mapping of Course outcomes with Programmes Specific Outcomes

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

Semester-VI /DSE III	URBAN ECONOMICS	Course Code:
Instruction Hours: 5	Credits:4	Exam Hours: 3
Internal Marks -25	External Marks-75	Total Marks: 100

Cognitive Level	K - 1 Recalling K - 2 Understanding K - 3 Applying K - 4 Analyzing K - 5 Evaluating K - 6 Creating	
Course Objectives	To know the role of Urban Economics and its growth structure To understand the basic economic principles in Urban Economics. To describes the various urban infrastructures and its functions To provide understanding about urbanization and its aspects. 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.	15
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.	15
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

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

Course Outcomes

On completion of the course, students should be able to

CO 1:Acquire knowledge on the subject matter of Urban Economics

CO 2: Gain Knowledge on Urbanization and its Impact

CO 3:Understand and analyse the Urban Infrastructure

CO 4:Analyze the impact of Migration

CO 5:Apply various ideas and policies in Urban Economics.

Mapping of course outcomes with Programme Outcomes:

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

S-Strong-3 M-Medium-2 L-Low-1**Mapping of Course outcomes with Programmes Specific Outcomes**

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

Semester-VI /SEC IV	ECONOMICS FOR COMPETITIVE EXAMINATIONS	Course Code:
Instruction Hours: 2	Credits:2	Exam Hours: 3
Internal Marks -25	External Marks-75	Total Marks: 100

Cognitive Level	K - 1 Recalling K - 2 Understanding K - 3 Applying K - 4 Analyzing K - 5 Evaluating K - 6 Creating	
Course Objectives	To understand the basic Economic Growth Concepts. To explore the Development of Indian Economy over the years. To understand the concepts of Income Classification, Poverty and Employment. To understand the Tax Structure and Fiscal Federalism in India. To understand the Banking and Trade aspects of India	
UNIT	Contents	No. of Hours
I	ECONOMIC CONCEPTS: Economic Growth and Development – Measurement - GDP, GNP, NDP, NNP, PCI, HDI – Current Trends	6
II	NATURE OF INDIAN ECONOMY: Agricultural, Industrial and Service Sectors – Five Year Plans before and after Liberalisation – NITI AYOG and Recent Development.	6
III	INCOME AND EMPLOYMENT: Income Classifications (NSS) - Poverty and Poverty Line - Anti-Poverty and Employment Generation Programmes - MGNREGP.	6
IV	PUBLIC FINANCE: Direct and Indirect Taxes - Personal IT, Corporate IT, Sales Tax, VAT, GST, Excise Duty, Customs Duty, Local Taxes - Fiscal Federalism and Finance Commissions.	6
V	MONEY, BANKING AND TRADE: Money Supply – M1, M2, M3 & M4 – Inflation – RBI – Functions and Role – Commercial Banks and NBFCs – Export and Import – Major Commodities – Balance of Payments – IMF and World Bank – Role.	6
	Total	30

Reference Books

1. A V Balakrishnan, (2022, 3rd Ed., Economic Development in India (Policies, Reforms and Liberalisation), GK Publications, G.K. Publications Pvt Ltd.
2. Economic Survey, Government of India, 2022.
3. Mishra, Puri, Garg (2022, 40th Ed.), Indian Economy, Himalaya Publishing House, New Delhi.
4. Ramesh Chand, Pramod Joshi (2022, 1st Ed.) Indian Agriculture Towards 2030: Pathways for Enhancing Farmers' Income, Nutritional Security and Sustainable Food and Farm Systems. Springer Verlag, Singapore.
5. Reserve Bank of India, Report of Currency and Finan
6. Sanjay Kaul (2022, 1st Ed.), An Alternative Development Agenda for India, Taylor & Francis Ltd.
7. Uma Kapila (2022, 23rd Ed.), Indian Economy: Performance and Policies, Academic Foundation.

Course Outcomes

On completion of the course, students should be able to

CO 1: Explain the basic Economic Growth Concepts with data.

CO 2: Examine the various development aspects of the Indian Economy over the years.

CO 3: Analyze the income structure and poverty issues in India.

CO 4: Explain the Tax Structure and Fiscal Federalism in India.

CO 5: Examine the Banking and Trade aspects of India.

Mapping of course outcomes with Programme Outcomes:

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

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

Mapping of Course outcomes with Programmes Specific Outcomes

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

Semester-VI /AEC III	Human Resource Development	Course Code:
Instruction Hours: 2	Credits: 2	Exam Hours: 3
Internal Marks -25	External Marks-75	Total Marks: 100

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Cognitive Level	K - 1 Recalling K - 2 Understanding K - 3 Applying K - 4 Analyzing K - 5 Evaluating K - 6 Creating	
Course Objectives	<ul style="list-style-type: none"> • To enable the students to have an understanding of the various components and importance of Human resource Development. • To provide the students to understand the development of Human Resource Development. • To learn the role and importance of Human Resource Information System. • To identify the human capital formation • To understand the importance of population and human resource development. 	
UNIT	Contents	No. of Hours
I	INTRODUCTION: Human Resources Management – Meaning - Concepts – Evolution – Functions – Problems – Human Resource Management in India.	6
II	HUMAN RESOURCES DEVELOPMENT Human Resource Development – Components - Health – Meaning - Need – Components Health and Education – Human Development Index.	6
III	HUMAN RESOURCE PLANNING Human Resource Information System – Meaning Objectives – Functions Methods and Problems- Human Resource Acquisition – Recruitment and Selection Strategies – Methods and Problems.	6
IV	HUMAN CAPITAL FORMATION Concepts – Investment in Education – Theories – Schultz – Skill Formation Approach	6
V	POPULATION AND HUMAN RESOURCE DEVELOPMENT Expenditure on Health Services – Factor Affecting Health – Preventive Measures – Brain Drain.	6

Text Book:

1. Subha Rao. P. - Personnel and Human Resource Management Himalaya publishing House, New Delhi. 1995.
2. L.M.Prasad - Human Resource Management Sultan Chand & Sons Educational publishers New Delhi.2005.

Reference Books:

1. Dr. Chitra Atmaram Naik - Human Resource Management. Ane Book Private Ltd, New Delhi.2011.
2. S.S. Khanka - Human Resource Management - .S.Chand & Company Ltd. New Delhi 2009.
3. P.P. Arya & B.B Tandon – Human Resource Development. Deep & Deep Publications.1991.

e- Resources:

1. www.cpolicy.rbi.org.in
2. www.bulletin.rbi.org.in

Course Outcomes:

On completion of the course the learner will be able

CO 1: Understand the importance of Human resource Development.
 CO 2: Know the role of Human Resources in Development.
 CO 3: Know the role and importance of Human Resource Information System.
 CO 4: Understand the human capital formation
 CO 5: Know the importance of population and human resource development

Mapping of course outcomes with Programme Outcomes:

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

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

Mapping of Course outcomes with Programmes Specific Outcomes

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