College of Excellence, nirf 2023 – 4ᵗʰ Rank
Autonomous and Affiliated to Bharathiar University.
Accredited with 'A++' grade by NAAC (4ᵗʰ cycle)
Peelamedu, Coimbatore-641004

DEPARTMENT OF ECONOMICS (AIDED)

CHOICE BASED CREDIT SYSTEM (CBCS) & LEARNING OUTCOME BASED FRAMEWORK (LOCF)

SYLLABUS

BACHELOR IN ECONOMICS

2023-2026 Batch

PROGRAMME LEARNING OUTCOMES: (PLOs)

On completion of the programme students will be able to

PLO1: Acquire in-depth knowledge of the concepts, theories, principles and models to develop basic skills used in the subject of Economics.

PLO2: Understand the various financial and economic sectors of the economy.

PLO3: Acquire managerial, entrepreneurial and computer skills for enhancing their employability.

PLO4: Understand the impact of economic activities in the societal and environmental context and demonstrate the need for sustainable development.

PLO5: Equip with moral values, ethical principles social responsibilities and commitment to the needs of business and society.

PROGRAMME SPECIFIC OUTCOMES (PSOs):

PS01: Graduates with intellectual and analytical skills to understand, analyze and evaluate the economic issues and challenges of day to day life.

PS02: Graduates with higher education in areas closely related to Economics focused towards individual and social development.

PS03: Graduates with evaluative and creative abilities to enable them to take up variety of careers in the field of Academic, Corporate, Administration and Entrepreneurship.

DEPARTMENT OF ECONOMICS
2023-2026 Batch & Onwards

Semester	Part	Course Code	Title of the Paper	Course Type	Instruction Hours / Week	Instruction Hours / Sem	Tutorial	Duration of Examination	Examination Marks			Credits
									CIA	ESE	Total	
I	I	TAM2301/ HIN2301/ FRE2301	Tamil Paper I/ Hindi Paper I/ French Paper I	L	6	88	2	3	25	75	100	3
	II	ENG2301	English Paper I	E	6	88	2	3	25	75	100	3
	III	ES24C01	Micro Economics- I	CC	6	88	2	3	25	75	100	4
		ES24C02	Indian Economy	CC	5	73	2	3	25	75	100	4
		EG24A01/ HI24A01	English through classics I/ Indian Constitution	GE	5	73	2	3	25	75	100	4
	IV	NME23B1/ NME23A1	Basic Tamil I/ Advanced Tamil I	AEC	2	28	2	-	100	-	100	2
		NME23ES	Introduction to Entrepreneurship	AEC	2	30	-	-	100	-	100	
I to V	VI	24BONL1 24BONL2 24BONL3	Online Course – 1 Online Course – 2 Online Course - 3	ACC	-	-	-	-	-	-		
II	I	TAM2302/ HIN2302/ FRE2302	Tamil Paper II/ Hindi Paper II/ French Paper II	L	6	88	2	3	25	75	100	3

		Code	Title	Category	Hours				CIA	ESE	Total	Credit
	II	ENG2402	English Paper II	E	5	73	2	3	25	75	100	3
	III	ES23C03	Micro Economics- II	CC	6	88	2	3	25	75	100	4
		ES24C04	Statistics for Economics	CC	6	88	2	3	25	75	100	4
		EG24A02/ HI24A02	English through classics II/ Fundamentals of Political Science	GE	5	73	2	3	25	75	100	4
	IV	NME23B2/ NME23A2	Basic Tamil II/ Advance Tamil II	AEC	-	-	-	-	100	-	100	Gr
		NM24UHR	Universal Human Values and Human Rights	AECC	2	30	-	-	100	-	100	2
	VI	NM23GAW	General Awareness	AEC	SS	--	--		100	--	100	Gr
	VI	COM15SER	Community services 30 Hours	GC								
I to V	VI	24BONL1 24BONL2 24BONL3	Online Course 1 Online Course 2 Online Course 3	ACC	-	-	-	-	-	-		
III	I	TAM2303 / HIN2303 / FRE2303	Tamil Paper III / Hindi Paper III / French Paper III	L	6	88	2	3	25	75	100	3
	II	ENG2303	English Paper III	E	5	73	2	3	25	75	100	3
	III	ES23C05	Mathematical Methods	CC	4	58	2	3	25	75	100	4

Sem	Part	Course Code	Course Title	Category								
		ES23C06	History of Economic Thought	CC	5	73	2	3	25	75	100	4
	III	EG23A03 / BB23A03 / HI23A03/ ES23A06	Cluster Writing for the media / Income Tax / Indian Geography / Demography	GE	5	73	2	3	25	75	100	4
	III/ IV	ES23SCE 1/ CS23SB GP	Coursera – Fintech and Computational thinking / Skill Based Subject - GEN- AI	SEC	3	45/44	-/1	-	100	-	100	3
	IV	NM22UHR	Universal Human Values and Human Rights#	AECC	-	-	-	-	100	-	100	Gr
	IV	NM23DTG	Design Thinking	AEC	2	30	-	-	100	-	100	2
I - V VI	16BONL1 16BONL 2		Online Course 1 Online Course 2	ACC	-	-	-	-	-	-	-	-
	VI	JOB2203	Job Oriented Course – Foundation Course on ivil Service Examination		--	60	--	--			--	Gr
IV	I	TAM2304/ HIN2304/ FRE2304	Tamil Paper IV Hindi Paper IV French Paper IV	L	6	88	2	3	25	75	100	3
	II	ENG2304	English Paper IV	E	5	73	2	3	25	75	100	3
	III	ES23C07	Macro Economics I	CC	4	58	2	3	25	75	100	4
		ES23C08	Public Finance	CC	5	73	2	3	25	75	100	4

Sem	Part	Course Code	Course Title	Category								
	III	EG23A04/ HI23A04 / ES23A07	English for Competitive Examination/ Indian Culture & Heritage / Research Methodology	GE	5	73	2	3	25	75	100	4
	III/IV	ES23SCE1/ CS23SBGP	Business Infonomics / GEN- AI	SEC	3	45	-	-	100	-	100	3
	IV	NM23EII	Entrepreneurship and Innovation (Ignite X)	AECC	2	30	-	-	100	-	100	2
		NM23EVS	Environmental Studies	AECC	SS	-	-	-	100	-	100	Gr
	IV	COCOACT	Co-curricular Activities	GC			-	-	100	-	100	1
I - V	IV	COM15SER	Community Service 30 Hours	GC	-	-	-	-	-	-	-	-
	VI	16BONL1 16BONL2	Online Course 1 Online Course 2	ACC	-	-	-	-	-	-	-	-
V	III	ES22C09 ES22C10 ES22C11	Macro Economics II International Economics Industrial Economics	CC CC CC	5 5 5	73 73 73	2 2 2	3 3 3	50 50 50	50 50 50	100 100 100	4 4 4
	III	ES23E01/ ES22E02	Tamil Nadu Economy/ Principles of Accounting	DSE	6	88	2	3	50	50	100	5
	III	ES22PROJ	Project with Viva – Voce	DSE	4	60	--	--	--	--	100	5
V	III	ES23SBP2	Computer Application in Economics	SEC	3	41	4	4	25	75	100	3
V	III	ES22AC1 / ES22AC2	Rural Economy / Labour Economics	ACC	--	--	--	3	25	75	100	5$

	IV	NM21CS1	Cyber Security	AEC	2	30	-	-	100	-	100	Gr.
	IV	ES23INST	Field Work/ Institutional Training	DSE	-	-	-	-	100	-	100	2
	VI	ES23COM	Comprehensive Examination	GC	--	--	--	--	--	100	100	Gr.
I-V	VI	16BONLI 16BONLII	Online Course I Online Course II	ACC	-	-	-	-	--	-	-	-

L : Language; E : English;CC-Core Courses; AEC – Ability Enhancement Course; GE-Generic Elective;SEC-Skill Enhancement Course; ACC-Additional Credit Course; **AECC- Ability Enhancement Compulsory Course;CA- Continuous Assessment; ESE- End semester Examination # - Self Study DSE – Discipline Specific Elective GC- General Courses; CA- Continuous Assessment; ESE- End semester Examination; Gr-Grade**

$^\$$**Credits applicable to candidates who take up Advanced level Course examination**

COURSE NUMBER	COURSE NAME	Category	L	T	P	Credit
ES23C01	MICRO ECONOMICS I	THEORY	88	2	-	4

PREAMBLE

To provide an understanding of the Nature and Scope of Economics, Basic Concepts, Principles and laws pertaining to the behavior of Consumer and Producer

COURSE LEARNING OUTCOMES

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

CLO Number	CLO Statement	Knowledge Level
CLO1.	Define Wealth, Welfare, Scarcity, Growth Deductive method, Inductive method, Cardinal utility, ordinal utility, marginal utility, total utility, indifference curve, Law of demand, Revenue, Indifference map, Income effect, Price effect	K1
CLO2.	Explain the nature of economic laws, Relationship between Marginal utility and Total Utility, factors affecting demand and supply, Factors of production, nature of cost curves	K2
CLO3.	Analyse Economics and dynamics, exception of law of demand-factors affecting supply- scale of production- short run and long run production function - Marginal rate of technical substitution, short run and long run cost curves	K3
CLO4.	Examine law of diminishing marginal utility, law of equi marginal utility, law of supply, law of Variable Proportion, Returns to scale, Cobb-Douglas production function, Importance of Economics as science and art, consumer surplus- Revealed preference theory-Elasticity of demand-Measurement- Production function CES linear production function, Types of cost- Relationship between AR and MR	K4

Mapping with Programme Learning Outcomes

CLOs	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1.	S	S	S	S	M
CLO2.	S	S	S	M	M
CLO3.	S	S	M	M	M
CLO4.	S	S	S	S	M

S- Strong; M-Medium

MICRO ECONOMICS I

Unit I: 16 Hrs

Definition-Wealth, Welfare, Scarcity, Growth Definition. Methods- Nature of Economic Laws- Deductive method- Merits and Demerits-Inductive method-Merits and Demerits- Economics as a science-Economics as an arts-Nature of Economic laws-Relation between Economics and other social sciences-Positive and Normative approaches- Economics statics and Dynamics.

Unit II: 18 hrs

Utility- Cardinal and ordinal utility analysis- Meaning-types Law of Diminishing Marginal Utility- Relationship between Marginal utility and Total Utility- Law of Equi-marginal utility-Defects of cardinal analysis Indifference curve analysis- meaning-Indifference schedule-Indifference map- -Properties-Consumer equilibrium-Income effect-Substitution effects and price effects-uses and importance of indifference curves-defects Revealed preference theory.

Unit III: 18 hrs

Meaning of demand-Demand function, Demand schedule-Law of demand-– Exception of law of demand-factors affecting demand-movement and shift in demand-conditions of demand-elasticity of demand-degrees-types-measurement of elasticity-factors determining elasticity of demand- importance of Elasticity of demand consumer surplus- measurement-importance of consumer surplus supply-law of supply-factors affecting supply.

Unit IV:18hrs

Meaning-Factors of production-Scale of production-internal-External economics of scale-Production function-Linear -Cobb-Douglas-CES Production function-short and long run production function -ISO quant's-Marginal Rate of Technical Substitution-Law of Variable Proportion-Returns to scale.

Unit V: 18 hrs

Meaning of cost: Types-Money cost and Real cost- Implicit and Explicit cost-Historical and Replacement cost-Increment and Sunk cost-Opportunity cost- short run and long run cost curves-Total Cost, Fixed Cost, Average Cost, Marginal Cost,- Relation between AC and MC nature of cost curves-Revenue curve-Total Revenue, average Revenue, Marginal Revenue- Relationship between AR and MR curve

TEXT BOOK				
S.NO.	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	P.N.Chopra	Advanced Economic theory	Kalyani Publishers	2011, 12th edition
2	Sankaran .S	Micro Economics	Margham Publications, Chennai	2012, 7th edition
REFERENCE BOOKS				
S.NO.	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	Kaveri R. and others	Micro Economic Theory	S.Chand and Company Ltd , New Delhi.	2010, 8th edition
2	Ahuja H.L.	Principles of Economics	S.Chand and Company Ltd , New Delhi.	2014, 1st edition
3	Jhingan M.L.	Micro Economics	Vrinda Publications(P)Ltd, Delhi	2016, 8th ed

Pedagogy: Chalk and Talk, PPT, Group Discussion, Debate and Seminar

Course Designers:

1.Dr. K.Renuka, Associate Professor Department of Economics

2.Dr.C.Athena, Assistant Professor, Department of Economics

COURSE NUMBER	COURSE NAME	Category	L	T	P	Credit
ES23C02	INDIAN ECONOMY	THEORY	73	2	-	4

PREAMBLE

To introduce the students the fundamental topics in development & planning and to provide a comprehensive approach towards issues related to development & planning.

COURSE LEARNING OUTCOMES

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

CLO Number	CLO Statement	Knowledge Level
CLO1	Define basic concepts in Economic Growth and Development, Determinants of growth, industrial policy, unemployment- Agricultural Marketing, Green Revolution, Agricultural Finance- NABARD	K1
CLO2	Understand the features of developed nations- defects of agricultural marketing, Indian Agriculture, Causes for Low Productivity- Agricultural Finance-Need for credit	K2
CLO3	Explain the difference between growth and development-Role of agriculture- Sources of NABARD-Causes and measures to improve capital Formation in India- Achievements	K3
CLO4	Discuss the features of Indian Economy, Agricultural marketing measures – Population in India, Poverty – causes and measures - employment generation schemes, Liberalisation, Privatisation and Globalisation.	K4

Mapping with Programme Learning Outcomes

CLOs	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	S	S	S	S	S
CLO2	S	S	M	S	S
CLO3	S	S	S	S	S
CLO4	S	S	S	S	S

S- Strong; M-Medium

CORE PAPER II – INDIAN ECONOMY

UNIT I : 14 hrs

Meaning of Economic Growth and Development – Difference- Determinants of Growth - Features of Developing Countries – Features of Indian Economy – Features of Developed Countries- major issues of Development

UNIT II: 15hrs

Meaning of Indian Agriculture – Role – features- Causes for Low Productivity – Measures to improve Agricultural productivity- Green Revolution – Agricultural Marketing – Regulated & Unregulated market – Meaning- Defects – Measures - Agricultural Finance- Need for credit- Non-Institutional sources- Institutional sources- Cooperative credit society- Commercial Banks-NABARD

UNIT III: 19hrs

Industrial Productivity – Types of Productivity - Factors Influencing Productivity – Measurement - Difference between production and productivity - Productivity trends in India – Industrial Sickness – Definition – causes – Government policy with regard to industrial sickness –Capital Formation – Meaning – Process.

UNIT IV : 13hrs

Population in India – Size and Growth - Density of Population – Highlights of current Census - National Population Policy 2000 – Poverty in India – Causes – Measures - Unemployment – Types – Measures-Causes of Brain Drain

UNIT V : 12hrs

Planning –Five Year Plans- Objectives -Achievements– Liberalisation, Privatisation and Globalisation – Meaning, Merits and demerits – NITI Aayog.

TEXT BOOK				
S.NO.	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	Sankaran.S	Indian Economy (Problems, Policies and Development)	Margham Publications, Chennai.	2019, 1st ed
2	Dutt&Ruddar	Indian Economy	S.Chand Publishers, New Delhi.	2015, 1st ed
REFERENCE BOOK				
S.NO.	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	Agarwal. A.N	Indian Economy	WishwaPrakashan New Delhi	2007, 1st ed
2	Dhingra.IC	Indian Economic Development	Sultan Chand and Sons, New Delhi	2014, 1st ed
3	Misra&Puri	Indian Economy	Himalaya Publishing Houses, Mumbai	2019, 39th ed

Pedagogy : Chalk and Talk, PPT, Group Discussion, Debate

Course Designers:
1. Dr.Mrs. C.Athena, Asst Prof. Dept. of Economics.
2. Dr.Mrs. S.PadmaAnnakamu, Asst. Prof., Dept. of Economics.

Course Number	Course Name	Category	L	T	P	Credit
ES23A01	**INDIAN ECONOMIC DEVELOPMENT**	THEORY	**73**	**2**		**4**

PREAMBLE
To impart the students with the knowledge on Indian economic development process, Budget and planning

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

CLO Number	CLO Statement	Knowledge Level
CLO1.	Understand the meaning of growth and development, green revolution, , new economic policy-liberalisation, globalization, privatization- Small scale industry poverty, unemployment, agricultural marketing, budget, Planning, National Income	K1
CLO2.	Explain the growth and development- role of NABARD-importance of industrialization - role of agriculture-causes for low productivity-features- causes for population and poverty, land reforms	K2
CLO3.	Illustrate major issues of development-Agricultural marketing – defects- Large scale industries-Government programmes to reduce unemployment- uses of National Income - measures, Role and problems of MSMEs, Need and problems of Foreign aid	K3
CLO4.	Discuss the Industrial policies 1948, 1956, 1991, Five year Plans, NITI Aayog, Measurement of national income- Difficulties in calculation - types of budget, Five year plans - current budget	K4

Mapping with Programme Learning Outcomes

CLOs	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1.	S	S	S	S	S
CLO2.	S	S	M	S	S
CLO3.	S	S	S	S	S
CLO4.	S	S	S	S	S

S- Strong; M-Medium

ALLIED PAPER I – INDIAN ECONOMIC DEVELOPMENT

UNIT I: 14 hrs.

Meaning of Economic Growth and Development – Difference- Determinants of Growth - Features of Under Developed Countries – Features of Developed Countries- Major issues of Development

UNIT II: 18 hrs.

Indian Agriculture – Significance – Land Reforms - Green Revolution – Agricultural Marketing – Defects –Measures – Role of NABARD.

UNIT III: 15 hrs.

Industrialization –Industrial Policy 1948, 1956 and New industrial policy –Role and Problems of MSMEs- Large Scale Industries-Foreign Aid – Need and problems

UNIT IV: 13 hrs.

Population – Causes – Measures - Poverty – Causes – Measures - Unemployment –Causes- Measures- Government Programmes to reduce unemployment and Poverty

UNIT V: 13 hrs.

Planning – Meaning – Achievements of Five Year Plans – NITI Aayog objectives – National Income – Measurement – Difficulties- Budget –Meaning – Current Budget

TEXT BOOK				
S.NO.	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	Sankaran.S	Indian Economy (Problems, Policies and Development)	Margham Publications, Chennai.	2019, 1st ed
2	Dutt&Ruddar	Indian Economy	S.Chand Publishers, New Delhi.	2015, 1st ed
REFERENCE BOOKS				
S.NO.	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	Agarwal.A.N	Indian Economy	WishwaPrakashan New Delhi	2007, 1sted
2	Dhingra.IC	Indian Economic Development	Sultan Chand and Sons, New Delhi	2014, 1sted
3	Misra&Puri	Indian Economy	Himalaya Publishing Houses, Mumbai	2019, 39thed

Pedagogy: Lecture (Chalk & talk), group discussion,PPTs, debate, Quiz.

Course Designers:
  1.Dr.Mrs. K. Renuka, Associate Prof. Dept. of Economics
  2.Dr.Mrs.S.PadmaAnnakamu, Asst. Prof., Dept. of Economics.

Course Number	Course Name	Category	L	T	P	Credit
ES23A02	INTERNATIONAL MARKETING	THEORY	73	2		4

PREAMBLE

To impart knowledge on concepts of International marketing, regional economic co-operation polices and market research techniques.

COURSE LEARNING OUTCOMES

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

CLO Number	CLO Statement	Knowledge Level
CLO 1	Define the concepts of International marketing, Marketing Research, Regional Co-operation Production Possibility Curve, Principle of Absolute Advantage , Principle of Relative Advantage, Factor Endowment theory, Porter's diamond model	K1
CLO2	Understand Production Possibility Curve, Principle of Absolute Advantage, Principle of Relative Advantage, Factor Endowment theory, Porter's diamond model.	K2
CLO3	Discuss Need for marketing research, Sources of Information, Primary research, Secondary research, Sampling, Basic methods of data collection. Examine Economic Co-operation Agreements, Trading blocs	K3
CLO4	Discuss the International Market Selection, Segmentation , Strategies of International Marketing, functions of ASEAN, NAFTA, SAFTA, COMECON, MNCs,	K4

Mapping with Programme Learning Outcomes

CLOs	PLO1	PLO2	PLO3	PLO 4	PLO5
CLO1.	S	S	S	S	S
CLO2.	S	S	S	S	S
CLO3.	S	S	S	S	S
CLO4.	S	M	S	S	S

S- Strong; M-Medium; L-Low

ALLIED PAPER II - INTERNATIONAL MARKETING

Unit I: 17 hrs.

Basic concepts of International Marketing: Meaning of International marketing – Definition – Domestic Marketing Vs International Marketing-Benefits of International Marketing and Barriers - Foreign Market Entry Modes –Multinational Corporations and Global Corporations

Unit II: 14 hrs

Foreign Trade: Production Possibility Curve – Principle of Absolute Advantage – Principle of Relative Advantage– Factor Endowment theory – Porter's diamond model- Limitations of Trade Theories

Unit III: 14 hrs.

Market research and Information systems: Need for marketing research, Sources of Information, Primary research, Secondary research, Sampling, Basic methods of data collection

Unit IV: 14 hrs

Economic Market Groups: Economic Co-operation Agreements – Trading blocks EEC - EFTA, COMECON - NAFTA - LAFTA - CEFTA - ASEAN

Unit V :14hrs

Potential Market Assessment: International Market Selection – Segmentation – Data mining and market segmentation –Strategies –International Marketing: Planning and Control.

TEXT BOOK				
S.NO.	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	Philip R. Cateora, John L. Graham, R.Bruce Money, Mary C.Gilly	International Marketing	Mc-Graw Hill, New Delhi.	2019, 18thed
2	DrShalini Agarwal	International Marketing	SahityaBhawan Publications, Agra	2021, 1sted
REFERENCE BOOKS				
S.NO.	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	Francis Cherunilam	International Marketing	Himalaya Publishing House,Mumbai	2016, 4thed
2	Srinivasan.R	International Marketing	Prentice Hall of India, New Delhi	2016, 4thed
3	Varshney RL B.Bhattacharyya	International Marketing Management	Sultan Chand Publishers, New Delhi.	2015, 5thed

Pedagogy: Lecture (Chalk & talk), group discussion, visualisation, concept simulation, debate.

Course Designers:

1.Dr.C.Athena, Associate Prof. Dept. of Economics

2.Dr.N.V.Kavitha, Asst. Prof., Dept. of Economics.

COURSE CODE	COURSE NAME	Category	L	T	P	Credit
ES23C03	MICRO ECONOMICS II	THEORY	88	2	-	4

PREAMBLE
To impart an understanding about the behavior of the producer in different type of markets and pricing of factors of production

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

CLO Number	CLO Statement	Knowledge Level
CLO5.	Define Market , Perfect Competition, Monopoly, Monopolistic Competition, Oligopoly ,Product Pricing, Factor Pricing ,Rent Wages, Interest and Profit, Modern theory of rent, Transfer earnings, Wages	K1
CLO6.	Explain factors influencing markets, role of Time Element in Value Analysis, types of price discrimination, Reason for price rigidity classification of oligopoly.Distinguish between different type of market, market price and nominal price, nominal and real wages, Gross interest and net interest, gross profit and net profit	K2
CLO7.	Analyse equilibrium and price determination in different type of markets both in product market and factor market and equilibrium under monopolistic competition, Kinked demand curve and Cournot model.	K3
CLO8.	Examine the defects of Monopolistic Market, Ricardian theory of rent, theory of wages, subsistence theory, wage fund theory, marginal productivity theory of wages, classical theory of interest, liquidity preference theory of interest.	K4

Mapping with Programme Learning Outcomes

CLOs	PLO1	PLO2	PLO3	PLO4	PLO5
CLO5.	S	S	S	S	M
CLO6.	S	S	S	M	M
CLO7.	S	S	M	M	M
CLO8.	S	S	S	S	M

S- Strong; M-Medium

MICRO ECONOMICS II

UNIT I : 16 Hrs

Market - Meaning-Features of market-Classification of markets-Firm and Industry- Meaning- Perfect Competition- features-Equilibrium of firm and Industry-Short run and long run- Pricing under perfect competition- long period normal price and laws of returns in the industry Effects of changes in demand and supply-importance of time element in price theory.

UNIT II : 16 Hrs

Monopoly- Definition-characteristics-Types-Causes of monopoly-price and output determination in short run and long run monopoly price and elasticity of demand – monopoly equilibrium under different coist-measurement of monopoly power-Regulation of monopoly-price discrimination-forms-degrees- conditions-effects of price discrimination-dumping.

UNIT III : 20Hrs

Monopolistic competition- definition- features-equilibrium under monopolistic competition-individual and group equilibrium in short run and long run – non price competition excess capacity-chamberlains view of excess capacity-selling cost- significance – price-output equilibrium under selling cost –individual equilibrium and Group equilibrium and selling cost -difference between production cost and selling cost-wastages of monopolistic competition.

UNIT IV : 16Hrs

Oligopoly- Meaning-Features-Classification-Price leadership-Types -short run and long run equilibrium for oligopoly- difficulties-Kinked demand curve- assumptions- criticisms- Reason for price rigidity- effects of oligopoly and evils of oligopoly -Duopoly- pricing under duopoly Edgeworth, Chamberlin - Cournot model.

UNIT V: 20Hrs

Theory of factor pricing- marginal productivity-theory of factor pricing-rent -Quasi rent- Transfer earnings-Wages- Nominal and real wages-factors determining- standard of living theory of wages-subsistence theory-wage fund theory-marginal productivity theory of wages-modern theory of wages -interest-gross and net interest - Theories of interest- classical theory of interest- liquidity preference theory of interest- loanable funds theory of interest-profit- gross profit-net profit-uncertainty theory of profit -risk theory – Dynamic theory-innovation theory of profit.

TEXT BOOK				
S.NO.	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	P.N.Chopra	Advanced Economic theory	Kalyani Publishers	2011, 12th edition
2	Sankaran .S	Micro Economics	Margham Publications, Chennai	2012, 7th edition

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S.NO.	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
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2	Ahuja H.L.	Principles of Economics	S.Chand and Company Ltd , New Delhi.	2014, 1st edition
3	Jhingan M.L.	Micro Economics	Vrinda Publications(P)Ltd, Delhi	2016, 8th ed

Pedagogy: Chalk and Talk, PPT, Group Discussion, Debate and Seminar

Course Designers:

1.Dr. K.Renuka

2.Dr.C.Athena

COURSE CODE	COURSE NAME	Category	L	T	P	Credit
ES23C04	STATISTICS FOR ECONOMICS	THEORY	88	2	-	4

PREAMBLE
To impart the students with the knowledge of gathering, analyzing and interpretation of data to draw conclusions.

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

CLO Number	CLO Statement	Knowledge Level
CLO1	Define the concepts of Statistics, Collection of Data, and Classification and tabulation of Data Average - Dispersion Inter Quartile – Mean Deviation – Standard Deviation – Co-efficient of Variation - variance - R-square - index number	K1
CLO2	Understand the difference between Regression and Correlation, Methods - Graphic Method- Algebraic method – Properties of binomial distribution – Importance-Functions- Mean – Median – Interquartile- coefficient of variation – methods of Dispersion- Poisson distribution-Importance and properties of normal distribution	K2
CLO3	Discuss the Karl Pearson's Co- efficient of Correlation-Spearman's Rank Co-efficient of Correlation Discuss on Binomial Distribution- Importance-Applications of binomial distribution- Poisson Distribution and Normal Distribution	K3
CLO4	Analyse measures of Central Tendencies –Probability- Theorems of Probability-Addition Theorem- Multiplication Theorem- Conditional Probability- Bayes theorem - Properties – central limit theorem - Consumer price index	K4

Mapping with Programme Learning Outcomes

CLOs	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	S	S	S	S	S
CLO2	S	M	S	S	M
CLO3	S	S	S	S	S
CLO4	S	S	S	S	S

S- Strong; M-Medium

CORE PAPER V – STATISTICS FOR ECONOMICS

UNIT I: 16 hrs

Statistics – Meaning , Definition, Statistics Science or Art , Importance , Scope, Functions and their properties - Limitations - Collection of Data , Meaning , Classification and tabulation of Data , Diagrammatic presentation: Meaning - Histogram and few types.

UNIT II: 16 hrs

Measures of Central Tendencies –Average - Arithmetic Mean, Median and Mode- Dispersion: Meaning,Methods ,Range – Inter-Quartile – Mean Deviation – Standard Deviation– Variance - Co-efficient of Variation.

UNIT III: 17 hrs

Correlation- Definition- significance- Types- Methods of studying correlation- Graphic Method- Mathematical method-Karl Pearson's Co- efficient of Correlation-Spearman's Rank Co-efficient of Correlation- Regression- Definition- Graphic method- Algebric Method - R-square.

UNIT IV: 19 hrs

Probability- Definition - Theorems: Addition Theorem- Multiplication Theorem- Conditional Probability- Bayes theorem- Central Limit Theorem - Binomial Distribution- Poisson Distribution - Normal Distribution- Meaning- Importance- Properties - Simple Exercises.

UNIT V: 20 hrs

Time Series Analysis - Measurement of Secular Trend - Index Numbers - Characteristics - Uses - Unweighted and Weighted index - Wholesale price index - Consumer price index – Marshall Edge worth – Reversal Test.

TEXT BOOK				
S.NO.	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	R.S.N.Pillai & Bagavathi	Statistics: Theory and Practice	S Chand & Co. Ltd., New Delhi	2019,8thed
2	Gupta S.C., V.K. Kapoor	Fundamentals of Mathematical statistics	Sultan Chand & sons., New Delhi	2020,12thed
REFERENCE BOOK				
S.NO.	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	B.L.Agarwal	Basic Statistics	New age International publishers	2023, 2nd ed
2	N.G.Das	Statistical Methods	MCGraw Hill Education	2017, 1st ed
3	J.K.Sharma	Business Statistics	Vikas Publishing	2020, 5th ed

Pedagogy : Chalk and Talk, PPT, Group Discussion, Debate
25 percent of the Question Paper should contain Theory Questions

Course Designers:

1.Dr. C.Athena

2.Dr.S.Padma Annakamu

COURSE CODE	Course Name	Category	L	T	P	Credit
ES23A03	ECONOMIC ANALYSIS	THEORY	73	2		4

PREAMBLE
To enable the students to understand the nature and scope of Economics and to impart knowledge on consumer behaviour, producer behaviour and factor pricing.

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

CLO Number	CLO Statement	Knowledge Level
CLO1	Define and list out various Economic concepts like wants, utility demand, supply, elasticity, cost, production, factors of production, perfect competition, monopoly, Price discrimination, monopolistic competition and Oligopoly.	K1
CLO2	Understand the producer goods and consumer goods, perishable goods and durable goods, autonomous demand and induced demand, Price discrimination types- monopolistic competition and oligopoly	K2
CLO3	Explain the law of demand, supply, types of elasticity indifference curves, indifference map, Isoquant, Wages – Theories – Economies and diseconomies of scale – Liquidity Trap - theories on distribution of wealth, Marginal Productivity theory, Ricardo's Rent theory, Schumpeter's Profit theory, Dynamic Theory, Keynes Liquidity Preference theory	K3
CLO4	Discuss the principles relevant to supply of goods and producer behaviour under various market structures, Law of Variable Proportions, Laws of Returns, Returns to Scale, Keynes Liquidity preference, Least Cost Combination, Producer's equilibrium, Dharma and Arthashastra	K4

Mapping with Programme Learning Outcomes

CLOs	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	S	S	S	S	S
CLO2	S	S	M	S	S
CLO3	S	S	S	S	S
CLO4	S	S	S	S	S

S- Strong; M-Medium

ALLIED PAPER I – ECONOMIC ANALYSIS

UNIT I: 14 hrs

Economics – Definition – Nature – Scope – Objectives of Firm – Social Responsibilities of Firm – Utility Analysis – Law of Diminishing Marginal Utility – Law of Equi-Marginal Utility.

UNIT II: 14 hrs

Demand – Meaning – Types – Law of Demand – Exceptions – Indifference Curve Analysis – Properties – Elasticity of Demand – Types – Measurement.

UNIT III: 15 hrs

Production – Factors of Production – Production Function – Laws of Returns – Law of Variable Proportions – Isoquants – Returns to Scale – Economies and Diseconomies of Scale – Law of Supply – Cost and Revenue Concepts and Curves - Traditional Indian methods of production in agriculture, crafts, and industry

UNIT IV: 15 hrs

Market – Meaning – Types – Equilibrium of the Firm – Industry – Pricing under Perfect Competition – Monopoly – Price Discrimination – Pricing under Monopolistic Competition – Pricing under Oligopoly - Ancient Indian market structures

UNIT V: 15 hrs

Distribution – Marginal Productivity Theory – Theories of Wages – Subsistence Theory – Wage Fund Theory – Theories of Rent – Ricardian Theory of Rent – Quasi Rent – Modern Theory of Rent – Classical Theory of Interest – Liquidity Preference Theory of Interest – Uncertainty Theory of Profit and Innovation Theory of Profit.

TEXT BOOK				
S.NO.	**AUTHORS**	**TITLE OF THE BOOK**	**PUBLISHER**	**YEAR & EDITION**
1	Sankaran.S	Economic Analysis	Margham Publications, Chennai	2020, 7th ed
2	Robert Pindyck, Daniel Rubinfeld	Micro Economics	Pearson Education	2022, 9th ed
3	Shamasastry.R	Kautilya's Arthashastra	Dev Publishers and Distributors	2021, 1st ed

REFERENCE BOOKS				
S.NO.	**AUTHORS**	**TITLE OF THE BOOK**	**PUBLISHER**	**YEAR & EDITION**
1	Mas-Colell, Whinston, JerryR.Green	Micro Economic Theory	Oxford Publisher	2012, 2nd ed
2	Varshini and Maheswari	Managerial Economics	Sultan Chand and Son's, New Delhi	2012, 22nd ed
3	Ahuja H.L.	Principles of Economics	S.Chand and Company Ltd , New Delhi.	2014, 1st edition

Pedagogy: Lecture (Chalk & talk), group discussion, PPTs, debate, Quiz.

Course Designers:

1. Dr. K. Renuka
2. Dr.S.Padma Annakamu

COURSE CODE	Course Name	Category	L	T	P	Credit
ES23A04	MANAGERIAL ECONOMICS	THEORY	73	2		4

PREAMBLE

To enable the students to understand the nature and scope of Economics and to impart knowledge on consumer behaviour, producer behaviour and pricing.

COURSE LEARNING OUTCOMES

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

CLO Number	CLO Statement	Knowledge Level
CLO 1	Define and list out role and responsibilities of managerial Economist, Economic concepts like demand, cost, factors of production, perfect competition, monopoly, Price discrimination, monopolistic competition and Oligopoly, trade cycle, Dharma and Arthashastra	K1
CLO2	Understand nature and scope of Economics, determinants of break-even point, Price discrimination under monopolistic competition and oligopoly, Pricing and output determination under different market structure, objectives of firm	K2
CLO3	Explain the economic indicators, Degrees of price discrimination, Determination of national income	K3
CLO4	Examine the producer behaviour under various market structures, phases of business cycle, Fiscal and Monetary Policies to control business cycle, balance of payments	K4

Mapping with Programme Learning Outcomes

CLOs	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	S	S	S	S	S
CLO2	S	S	S	S	S
CLO3	S	S	S	S	S
CLO4	S	M	S	S	S

S- Strong; M-Medium

MANAGERIAL ECONOMICS

Unit I: 14 Hrs

Introduction Nature and Scope of Managerial Economics – Meaning – Characteristics – Importance – Role and Responsibilities of Managerial Economist – Basic Economic Concepts in Managerial Economics.
Unit II: 14 Hrs

Demand, Cost, and Profit Analysis-Demand for Durable and Non-Durable Products – Demand Forecasting Techniques – Statistical and Non-Statistical Techniques – Cost Estimation – Cost-Volume-Profit Analysis (Break Even Analysis) – Objectives and Assumptions – Determination of Break-Even Point – Limitations

Unit III: 15 Hrs

Product Markets – Determination of Price under Different Markets – Market Structure – Perfect Competition – Monopoly – Monopolistic Competition – Duopoly – Oligopoly – Employment of Inputs Under Different Market Structures – Price Discrimination – Degrees of Price Discrimination. Traditional Indian markets and pricing mechanisms**.**

Unit IV: 15 Hrs

Macro-Economic Environment: National Income Accounting for managers – Business Cycle and business policies – causes, indicators and prevention - Fiscal and Monetary Policies.

Unit V: 15 Hrs

In the context of Globalization: Overseas Demand Analysis – Capital Budgeting - Foreign Exchange management in India – Balance of Payments

TEXT BOOK				
S.NO.	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	R.L.Varshney & K.L.Maheshwari	Managerial Economics	S.Chand Publishing	2012, 22nd ed
2	Cris Lewis.W H.Craig Petersen	Managerial Economics	Prentice Hall	2018, 1st ed
3	Shamasastry.R	Kautilya's Arthashastra	Dev Publishers and Distributors	2021, 1st ed
REFERENCE BOOKS				
S.NO.	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	M L Jhingan, J K Stephen	Managerial Economics	Vrinda Publications	2014, 2nd ed
2	R.Cauvery, Dr.U.K. Sudha Nayak, Dr.M.Girija, Dr.R.Meenakshi	Managerial Economics	Sultan Chand and Son's, New Delhi	2013, 2nd ed

Pedagogy: Lecture (Chalk & talk), group discussion, visualisation, concept simulation, debate.

Course Designers:

1. Dr. C. Athena
2. Dr. N.V. Kavitha

COURSE CODE	Course Name	Category	L	T	P	Credit
ES24A05	MONEY AND BANKING	THEORY	73	2		4

PREAMBLE
To impart knowledge on banking functions, role of money in a modern economy and recent trends in banking sector reforms.

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

CLO Number	CLO Statement	Knowledge Level
CLO 1	Define Money value, supply, demand, Fiat money, Near money, Credit money, Monetary standard, Inflation, Inflationary gap, Green banking- Deflation, Stagflation, Trade cycle, Innovative Banking – ATM – Teller System	K1
CLO2	Explain the merits and demerits of Mono-metallism, Distinguish the difference in theories of demand and supply of money, factors influencing demand and supply of money, Cambridge equations and classical equations of money.	K2
CLO3	Illustrate the types of inflation, analyse the causes, consequences of inflation and deflation, reasons for Inflationary gap, the role of money in a modern economy, Green banking Products, Ancient Indian Philosophies of value and wealth	K3
CLO4	Examine the role of money in a capitalistic society, importance of money in a modern economy, principles and methods of note issue, the role of phases of trade cycles, causes, consequences, remedial measures Keynes Income theory, methods of credit control and role of banks in development process, Functions of central bank.	K4

Mapping with Programme Learning Outcomes

CLOs	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	S	S	S	S	S
CLO2	S	S	S	S	S
CLO3	S	S	S	S	S
CLO4	S	M	S	S	S

S- Strong; M-Medium; L-Low

UNIT I: 14 hrs

Money – Definition - Evolution of Money – Indigenous systems of barter and trade in ancient India - Kinds - Functions – Significance - Drawbacks of Money – Money in a Capitalist Economy and Socialist Economy – Money in a Developing and Mixed Economy - Circular Flow of Money.

UNIT II: 15 hrs

Monetary Standard – Meaning – Attributes of a Good Monetary Standard - Types of Monetary Standard – Metallic Standard - Monometalism – Bi-metalism – Gresham's Law - Paper Currency Standard – Special Features – Merits and Demerits - Principles and Methods of Note Issue – Cryptocurrency -Historical Indian systems of currency, coinage, and trade networks

UNIT III: 15 hrs

Value of Money – Supply of Money – Different Views of Money Supply - Determinants of Money Supply – Supply Function – Demand for Money – Fisher's Quantity Theory – Cambridge Equations – Keynes' Income Theory – Friedman's Restatement of Quantity Theory

UNIT IV: 14 hrs

Inflation – Meaning – Features – Causes – Impact – Types – Control through Monetary Policy – Inflationary Gap – Deflation – Meaning – Causes – Control – Stagflation – Trade Cycle – Phases of Trade Cycle – Control.

UNIT V: 15 hrs

History of Banking System – Central Banking – Functions of Central Bank – Commercial Banking – Structure and Functions – Role of Commercial Banks in Economic Development – Development Banking – Features – Structure of Development Banks in India – Non banking financial institutions- Recent Trends in Banking – Green Banking – Products of Green Banking. Indigenous banking systems in India

TEXT BOOK				
S.NO.	**AUTHORS**	**TITLE OF THE BOOK**	**PUBLISHER**	**YEAR & EDITION**
1	Jhingan M.L	MonetaryEconomics	Vrinda Publications Pvt. Ltd.	2010, 7th ed
2	Shamasastry.R	Kautilya's Arthashastra	Dev Publishers and Distributors	2021, 1st ed
REFERENCE BOOKS				
S.NO.	**AUTHORS**	**TITLE OF THE BOOK**	**PUBLISHER**	**YEAR & EDITION**
1	R.R.Paul	Money Banking and International Trade	Kalyani Publisher	2018, 12th ed
2	Cauvery.R U.K Sudha Nyaik and others	Monetary Economics	S.Chand and Company Ltd	2012, 2nd ed
3	Seth ML	Monetary Economics	Lakshmi Narayan, N.D.	2020, 2nd ed

Pedagogy: Lecture (Chalk & talk), group discussion, visualisation, concept simulation, debate.

Course Designers: 1.Dr.C.Athena 2.Dr.N.V.Kavitha

COURSE NUMBER	COURSE NAME	Category	L	T	P	Credit
ES23C05	MATHEMATICAL METHODS	THEORY	58	2		4

PREAMBLE

To impart the students to understand the Mathematical tools to be applied in economic models.

COURSE LEARNING OUTCOMES

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

CLO NUMBER	CLO Statement	Knowledge level
CLO1	Define limit function, slope, differentiation, Marginal revenue, Average revenue, Marginal cost, matrix, Rank of Matrix, Inverse of a matrix, Determinants, Integration , consumer surplus, producer's surplus, total revenue, total cost, constraint optimization, crammer's rule	K1
CLO2	Distinguish between function and equation, relationship between Maxima and Minima, Average and Marginal Revenue and Cost, first order and second order Partial and Total Differentiation, producer's surplus, consumer surplus,	K2
CLO3	Determine the rules of Differentiation Addition, multiplication rule, Division rule, chain rule, Inverse rule – Elasticity of demand. Operation of Matrices – addition, subtraction, Inverse of a matrix rules of integration.	K3
CLO4	Analyze & examine the role of Mathematics in Economic theory, consumer's and producer's surplus, Derivation of utility maximization, conditions for Maxima and Minima – Higher order derivatives, determinants, crammer's rule, Input – Output analysis for a two sector economy, Economic Application of total cost and total revenue	K4

Mapping with Learning Programme Outcomes

CLOS	PLO1	PLO 2	PLO3	PLO 4	PLO5
CLO1	S	S	S	S	S
CLO2	S	S	S	M	S
CLO3	S	S	S	S	S
CLO4	S	S	S	S	S

S – Strong; M- Mediu

CORE PAPER V - MATHEMATICAL METHODS

UNIT :10hrs

Nature and Scope of Mathematical Economics – Role of Mathematics in Economic Theory – Functions – Meaning – Types – Slope - Limit – Differentiation – Meaning - Rules of Differentiation – Addition - Subtraction – Multiplication – Division – Chain Rule – Implicit Function Rule.

UNIT II:12hrs

Higher Order Derivatives – Introduction – Utility Function – Maxima and Minima of a Function – Conditions for one variable and two variables - Revenue Maximization – Cost Minimization – Profit Maximization – Market Equilibrium – Demand Analysis.

UNIT III: 12hrs

Partial Differentiation – Meaning – Direct Partial and Cross Partial Differentiation - First Order – Second Order partial derivatives - Total Differentiation – Differentiation with Two Variable Model – Constrained Optimization – Maxima and Minima condition –Saddle Point – CD Production Function – Meaning – Euler's Theorem (Simple Problems).

UNIT IV:10hrs

Matrix – Meaning – Order of matrix – Types - Addition – Subtraction – Multiplication – Trace and Transpose of a matrix – Inverse - Determinants – Solution of Simultaneous Equations using Cramer's Rule – Input – Output Analysis – Meaning – Basic Concepts – Assumptions – Uses – Simple Problems (Two Sector Economy).

UNIT V: 14 hrs

Integration – Meaning - Rules of Integration – Addition – Subtraction - Definite Integral; Economic application - Total cost - Total Revenue, Consumers Surplus, Producers Surplus– Simple Problems.

TEXT BOOK				
S.NO	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	Mehta &Madnani	Elementary Mathematics in Economics	Lakshmi Narain Agarwal	2017, 1st ed
2	Agarwal .S	Quantitative Methods	Sultan Chand and sons New Delhi	2016, 4th ed
REFERENCE BOOK				
S.NO.	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	Allen R.G.D	Mathematical Analysis for Economics	Prentice Hall of India, New Delhi	2008, 2nded
2	Bose.D	Mathematical Methods	Vrinda Publications, New Delhi	2015, 4thed
3	Chandhury .S.K	Mathematical Methods	Sumit enterprises New Delhi	2009

25 percent of the Question Paper should contain Theory Questions

Course Designers:
Dr.Mrs. K. Renuka, Associate Professor, Department of Economics Dr.Mrs. C. Athena, Assistant Professor, Department of Economics

COURSE NUMBER	COURSE NAME	Category	L	T	P	Credit
ES23C06	HISTORY OF ECONOMIC THOUGHT	THEORY	73	2	-	4

PREAMBLE

To enable the students to understand the evolution of economic ideas from time to time and contribution of eminent thinkers to economic thought.

COURSE LEARNING OUTCOMES

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

CLO Number	CLO Statement	Knowledge Level
CLO1.	Recall the concepts of Mercantilism, Physiocracy, Laissez Faire, Division of Labour, invisible hand, class struggle, Dialectical materialism, Quasi-Rent, leisure class, Bread Labour, social optimum, Brain Drain.	K1
CLO2.	Understand the essential ideas of mercantilist, characteristics of Physiocrats, ideas of Adam smith, Marxian ideas, Principles of Austrian School, thoughts of Ranade.	K2
CLO3.	Explain the approaches of History of Economic thought, factors gave rise to Physiocracy, Mercantilism, cannons of taxation, Features of Trusteeship doctrine, Distinguish between Mercantilism and Physiocracy, Marxism and Classicism, institutional school and Historical school.	K3
CLO4.	Analyse the economic ideas of classical school, Marginal School, Marx theory of surplus value, relevance and limitations of Keynes theory, contribution of Welfare economics, relevance of Gandhiji's Economic ideas to modern India, Economic ideas of AmartyaSen, diamond - dybvig theory of bank run.	K4

Mapping with Programme Learning Outcomes

CLOs	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1.	S	S	S	S	M
CLO2.	S	S	S	M	M
CLO3.	S	S	M	M	M
CLO4.	S	S	S	S	M

S-Strong; M-Medium

CORE PAPER VI – HISTORY OF ECONOMIC THOUGHT

UNIT I: 11hrs

Ancient Economic Thought -Nature, significance and approaches of the History of Economic Thought – Greek – Ideal state – Division of labour – private poperty - Mercantilism - Factors that gave rise to Mercantilism - Neo-mercantilism Physiocrats - Factors that gave rise to Physiocracy – Net product – Circulation of wealth.

UNIT II: 11hrs

Classical school - Economic Concepts of Adam Smith – labour theory of value – cannons of taxation - T.R.Malthus theory of population, David Ricardo – Rent theory – theory of comparative cost – stationary state, J.S.Mill economic principles - Essential ideas of Historical School – Positive ideas -Karl Marx – class struggle - Theory of surplus value.

UNIT III: 15hrs

Main ideas of Marginal School –Gossen, Jevon's - Principles of the Austrian School –Carl Menger– Imputation theory – walras general exchange equilibrium -Frederich Von Wieser-Bohn Bawerktheory of capital and interest - Alfred Marshall consumer surplus – law of returns – contribution to monetary economics – Irving Fisher quantity theory of money.

UNIT IV: 20hrs

Modern Economic Thought – Essential ideas of Institutionalism – Thorstein Veblen - J.M.Keynes theory of employment -Welfare Economics – A.C. Pigousocial and marginal private cost and benefits– Paretian social optimum- J.R. Hicks-GJ Stigler economics of information – Sharpe CAPM – Nash game theory –Granger volatility – Hart and Holmstrom contract theory – Krugman trade and geography –Romer's climate change - Diamond Dybvig's bank run.

UNIT V: 16hrs

Indian Economic Thought – Arthashastra -Economic ideas of Thiruvalluvar- D.NaorojiDrain theory –Ranade – M.K.Gandhi village republic – Trusteeship doctrine – Ambedkarfinancial and agricultural economics -V.K.R.V.Raonational income methodology – P.R.Brahmananda wage goods model - AmartyaSen impossibility theorem.

TEXT BOOK				
S.NO	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	S.K.Srinivasan	History of Economic Thought	S Chand & Co. Ltd., New Delhi	2009, 6thed
2	V..Loganathan	Economic Thought	S.Chand Co. Ltd., New Delhi	2018, 10ed
REFERENCE BOOK				
S.NO	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR &EDITION
1	H.L. .Bhatia	A History of Economic Thought	VikasPublishing House pvt ltd, Chennai	2018, 4thed
2	T.N.Hajela	History of Economic Thought	Ane Books pvt.Ltd, NewDelhi.	2008, 18thed

Pedagogy: Lecture (Chalk & talk), group discussion, concept simulation, debate, seminar
Course Designers:
1.Dr. K. Renuka, Associate Professor, Department of Economics
2.Dr.S.PadmaAnnakamu, Assistant Professor, Department of Economics

COURSE NUMBER	COURSENAME	Category	L	T	P	Credit
ES23A06	DEMOGRAPHY	THEORY	73	2	-	4

PREAMBLE

To create awareness about the demographic features of India, causes for population explosion, problems and measures.

COURSE LEARNING OUTCOME

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

CLO NUMBER	CLO Statement	Knowledge level
CLO	Define Population, Census, Vital Events, Theories of Population, Fertility, Mortality, Migration, Infant mortality, Family Planning, National Population Policy, Demographic Research, Demographic Forecasting	K1
CLO2	Distinguish between Demography and population, sources of Demography Data, Malthusian theory and Optimum theory, population policy and family planning	K2
CLO3	Determine the importance of demography, limitation, causes for rapid population growth, factors affecting death rate, causes of infant mortality, , factors determining Fertility	K3
CLO4	Analyze and Examine the Fertility Rate, Mortality Rate, effects of migration on the Economy, causes and consequences of high population growth, governmental measures, National Population Policy and Demographic issues	K4

Mapping with Programme Learning Outcomes

CLOs	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	S	S	S	S	S
CLO2	S	S	M	S	S
CLO3	S	S	S	M	S
CLO4	S	S	S	S	S

S-Strong; M- Medium

DEMOGRAPHY

UNIT I: 13hrs

Definition - Scope and importance of Demography - Relation of demographic data with over social science - Sources of demographic data - Features and process of census– Uses – Process – Registration Method – Sample Surveys – Working of NSSO – Uses of Vital Statistics

UNIT II: 15hrs

Biological theories - Thomas doubleDay's Diet theory - Jouse De castro's protein consumption theory - Michael Thomas Sadler's Biological theory - Herbert spencer's biological theory- Sociological and Economical theories – Dumont's theory of Social Capillarity- Leibenstein's Motivational theory of population - The theory of demographic transition.

UNIT III: 17hrs

Meaning of Fertility and Mortality – Measurement and Determinants– Economic, Social and biological factors -Causes of Infant Mortality- Migration-Meaning – Types – Factors - Theories of Migration – Everett Lee's Theory – Duncan Theory – Lewis Model - Effects of Migration.

UNIT IV: 13hrs

Size – Growth Rate – Sex Ratio – Density - Causes for rapid Population Growth- Effects of high Population Growth – National Population Policy - Objectives – Targets- Family planning in India – Need – Achievement of family planning programme in India – Suggestions to improve.

UNIT V: 15hrs

Areas of Demographic Research-Types of Demographic Research- Problems of Demography –Population Projections – Methods – Mathematical Method - Growth component and Economic Method – Time Series – Components – Methods of measuring Trend – Graphical Method – Semi Average – Moving Average – Method of Least Square– Limitations of Population Projections.

S.NO.	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
TEXT BOOK				
1	Asha. A Bhende&TaraKanikar	Principles of Population Studies	Himalya Publishing House, New Delhi.	2023, 3rded
2	M. L. Jhingan, B. K. Bhatt, J.N. Desai	Demography	Vrinda Publications (P) Ltd, Delhi	2016, 3rded
REFERENCE BOOKS				
S.NO.	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	Srivatsava.S	Demography	Sultanchandsons private Ltd.NewDelhi	2005
2	B.N. Ghosh	Population Economics	Meenalashi publication	2000. 2nded

Pedagogy: Lecture (Chalk & talk), group discussion, debate

Course Designers:

1. Dr.C.Athena, Assistant Professor, Department of Economics
2. Dr.G.D.Jasminedeporal, Assistant Professor, Department of Economics

COURSE CODE	COURSE NAME	Category	L	T	P	Credit
ES23C07	MACRO ECONOMICS I	THEORY	58	2		4

PREAMBLE

To impart knowledge on concepts of macro economics, nature, scope and economic policies which will influence the development of an economy

COURSE LEARNING OUTCOMES

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

CLO NUMBER	CLO Statement	Knowledge level
CLO1	Define the concepts of macro economics, Circular flow of income, National income, social income accounting, consumption function, meaning of capital and investment, Effective demand, multiplier, accelerator, Marginal efficiency of capital	K1
CLO2	Distinguish micro and macro economics, explain the importance of National income and, Social Accounting and their uses, explain the properties of consumption function explain the Keynesian, theories, Classical theories, Say's law of market, theories of consumption function	K2
CLO3	Examine various concepts of National Income, measuring methods, problems involved in measuring national income, importance of social accounting	K3
CLO4	Analyse the circular flow of income in various sectors, computation of national income , super multiplier, calculate Marginal propensity to consume and Average propensity to consume, Use of Multiplier-Accelerator Interaction in Business cycle	K4

Mapping with Programme Learning Outcomes

CLOS	PLO1	PLO 2	PLO3	PLO 4	PLO5
CLO1	S	S	S	S	S
CLO2	S	S	M	S	S
CLO3	S	S	S	S	S
CLO4	S	M	S	S	S

S – Strong; M- Medium

UNIT I: 10hrs

Introduction Nature and Scope of Macro Economics– Origin and growth of Macro Economics Importance - Limitations – Difference between Micro Economics and Macro Economics - Circular Flow of Income in various sector.

UNIT II: 11 hrs

National Income: Meaning **-**Definition-Concepts and their interrelationship-methods of measuring National Income- Difficulties in the computation of National Income-Importance of National Income. Social Accounting – Importance and difficulties of Social Accounting.

UNIT III: 11hrs

Employment: Classical theory of employment - Say's Law of market -Keynesian Theory of Employment -Effective demand -Determinants of effective demand

UNIT IV: 12hrs

Consumption function: Meaning -Properties -Keynes Psychological law of Consumption Determinants of the consumption function - Theories of the consumption function: The Absolute Income Hypothesis – Relative Income Hypothesis – The Permanent Income hypothesis – Life Cycle Hypothesis.

UNIT V: 14 hrs

Capital and Investment: Meaning - Determinants of the Investment-Marginal Efficiency of Capital - Multiplier - Accelerator – Leakages – Super Multiplier - Multiplier-Accelerator Interaction in Business cycle- General Equilibrium of Product and Money Market.

TEXT BOOK				
S.NO	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	M.L.Jhingan	Macro EconomicTheory	Vrinda Publication Pvt Ltd, New Delhi.	2016, 13th ed
2	Kaveri& others	Macro Economics	Chand and chand publishers, NewDelhi	2012, 6thed
REFERENCE BOOK				
S.NO.	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	E Shapiro	Macro Economics	Galgotia Publications Pvt Ltd, New Delhi.	1982, 5thed
2	N. Gregory Mankiw	Principles of Macro Economics	Cengage Publisher	2022, 8th ed
3	S. Sankaran	Macro Economics	Margham Publications, Chennai.	2000, 2nd ed

25 percent of the Question Paper should contain Theory Questions

Course Designers:
1. Dr.K. Renuka
2. Dr.C. Athena

COURSE CODE	COURSE NAME	Category	L	T	P	Credit
ES23C08	PUBLIC FINANCE	THEORY	7 3	2	-	4

PREAMBLE

To acquire basic knowledge on various sources of public revenue, public expenditure, public debt and its management

COURSE LEARNING OUTCOMES

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

CLO Number	CLO Statement	Knowledge Level
CLO1	Define the concepts of Public and Private Finance– Principle of Maximum Social Advantage. Public Goods - Private goods -Mixed Goods, Merit Goods	K1
CLO2	Understand the concepts of Public revenue, taxation, impact, public expenditure, public debt, budget, fiscal policy, Finance Commission	K2
CLO3	Distinguish private and public finance – tax and non-tax revenue and expenditure, direct tax and indirect tax, Local tax	K3
CLO4	Understand the financial autonomy in India, Examine various types of public expenditure, effects of public expenditure, public revenue, cannons of taxation, Sources of Borrowing – Redemption of PublicDebt, Causes and Growth of Public Debt	K4

Mapping with Programme Learning Outcomes

CLOs	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	S	S	S	S	M
CLO2	S	S	S	M	M
CLO3	S	S	M	M	M
CLO4	S	S	S	S	M

S-Strong; M-Medium

CORE PAPER VI – PUBLIC FINANCE

UNIT I : 15 hrs

Public Finance – Meaning - Nature – Scope - Importance of Fiscal Economics – Public and Private Finance– Principle of Maximum Social Advantage. Public Goods - Private goods -Mixed Goods – Merit Goods – Concepts Only.

UNIT II: 16 hrs

Public Revenue – Meaning – Significance – Sources – Canons of Taxation – Impact, Incidence and Shifting of Tax Burden - Tax and Non-tax Revenue: Direct and Indirect taxes - Tax on commodities– Classification – Effects –– GST- Local Finance.

UNIT III: 12 hrs

Public Expenditure – Classification – Canons of Public expenditure – Causes for the Growth of Public Expenditure in India and its Effects –Control of Public Expenditure.

UNIT IV: 15hrs

Public Debt – Meaning – Sources of Borrowing – Classification of Public Debt – Causes and Growth of Public Debt – Redemption of Public Debt – Economics of Public Debt - Budget - Meaning - Preparation of a Budget in India – Current Budget.

UNIT V: 15 hrs

Fiscal Policy – Meaning – Instruments – Stabilization in open economy - Federal Finance – Principles - Problems– Financial Autonomy in India -Finance Commission – Highlights of Current Finance Commission

TEXT BOOK				
S.NO	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	Tyagi.B.P	Public Finance	Jaiprakash Nath and Company, Meerut	2016, 2nd ed
2	Singh S.K,	Public Finance Theory and Practice	S Chand & company	2010, 2nd ed
REFERENCE BOOK				
S.NO	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	Bhatia.H.L	Public Finance	Vikas Publishing House Pvt Ltd	2024, 33rd ed
2	R. P.Musgrave P.B.Musgrave	Public Finance	Tata Mcgraw hill	2017, 5th ed
	Dr.M.Girija, Dr.U.K.SudhaNayak. R.Cauvery	Public Finance	S.Chand and Company, New Delhi.	2008, 2nd ed

Pedagogy: Lecture (Chalk & talk), group discussion, concept simulation, debate, seminar
Course Designers:
1.Dr. K. Renuka
2.Dr.S.Padma Annakamu

COURSE CODE	COURSENAME	Category	L	T	P	Credit
ES23A07	RESEARCH METHODOLOGY	THEORY	7 3	2	-	4

PREAMBLE

To make the students understand the basic skills of research and to provide an understanding about the nature and scope of researchmethodology.
To facilitate the students to apply the research skills in their researchwork

COURSE LEARNING OUTCOME

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

CLO NUMBER	CLO Statement	Knowledge level
CLO1	Know the meaning of research, types and features of good research, interpretation, report writing, hypothesis, Observation method, Interview method, Questionnaire method, Schedules, research design	K1
CLO2	List out the types of sampling design and the steps involved in it, find the type of hypothesis,	K2
CLO3	Differentiate Primary and secondary data, Distinguish the various methods of data collection.	K3
CLO4	Discuss the steps in Report writing, formulation of Hypothesis, need for report writing and interpretation, processing of data, levels of significance, layout of research report	K4

Mapping with Programme Learning Outcomes

CLOs	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	S	S	S	S	S
CLO2	S	S	M	S	S
CLO3	S	S	S	M	S
CLO4	S	S	S	S	S

S-Strong; M- Medium

RESEARCHMETHODOLOGY   ES23A07

Unit I-15 hours

Research Methodology - An Introduction**:** Meaning of Research – Objectives –Types of research – Significance – Research Process – Criteria for Good Research.

Unit II-16 hours

Research Design: Meaning – Need – Features – Concepts – Exploratory – Descriptive – Sampling – Need – Concepts –Determination of sample size - Sampling Design –Characteristics – Steps in Sampling Design – Types of Sampling Design

Unit III-14 hours

Measurement and data Collection: Scales – Meaning – Types – Data collection – Methods of data collection - Observation method – Interview method – Questionnaire method – Schedules – Merits and Demerits of Primary Data – Secondary data – Sources - Merits and Demerits of secondary Data

Unit IV-15 hours

Processing and Analysis of Data: Processing Operations – Editing and Coding – Classification and Tabulation – Hypothesis Formulation – Meaning – Characteristics – Basic concepts in Hypothesis – Null Hypothesis – Alternative Hypothesis – Levels of significance.

Unit V-13 hours

Interpretation and Report Writing: Meaning – Need of Interpretation – Precautions in Interpretation - Importance of Report writing – Steps in Report writing

TEXT BOOK				
S.NO.	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	Kothari C R	Research Methodology – Methods and Techniques	New Age International Publishers, New Delhi	2023, 5th ed
2	R Meenakshi, M Girija, R Cauvery And U K SudhaNayak	Research Methodology	S. Chand, New Delhi	2010, 2nd ed
REFERENCE BOOKS				
S.NO.	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	Tripathi PC	A Textbook of Research Methodology	Sultan Chand & Sons	2014, 1st ed
2	Pannerselvam.R	Research Methodology	PHI Learning Pvt Ltd, Delhi	2014, 2nd ed
3	O.R.Krishnaswa mi, Ranganatham	Methodology of research in Social sciences	Himalaya Publishing house	2016, 1st ed

Pedagogy: Lecture (Chalk & talk), group discussion, debate

Course Designers:

3. Dr.C.Athena
4. Dr.G.D.Jasminedeporal

COURSE CODE	COURSE NAME	CATEGORY	L	T	P	CREDIT
ES23SCE1	COURSERA	Online	45	-	-	2

Business Infonomics	InfonomicsI: Business Information Economics and Data Monetisation	https://www.coursera.org/learn/infonomics-1	13 Hours
	InfonomicsII: Business information management and measurement	Infonomics II: Business Information Management and Measurement | Coursera	12 Hours
	Business Analytics Executive Overview	Business Analytics Executive Overview | Coursera	17 Hours

COURSE NUMBER	COURSENAME	Category	L	T	P	Credit
ES22C09	MACRO ECONOMICS II	THEORY	7 3	2		4

PREAMBLE

To impart knowledge on concepts of macroeconomics, nature, scope, and economic policies which will influence the development of an economy.

COURSE LEARNING OUTCOMES

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

CLO Number	CLO Statement	Knowledge Level
CLO1.	Define the concepts of monetary and fiscal policy, Product Market Equilibrium, The Money Market Equilibrium Philips curve, inflation, deflation, The Gurley Shaw View, balance of payment.	K 1
CLO2.	Define Inflationary Gap, supply side economics, Features of Business cycles – Causes – Effect, adjustment mechanism of bop	K 2
CLO3.	Distinguish money sector and real sector, explain the Economic Performance Indicators, Importance of acceleration, Kaldor's Model, Hicks Model, Samuelson's Model, Examine the limitations of Multiplier Principle, Acceleration Principle.	K 3
CLO4.	Explain the General Equilibrium of Real and Monetary sectors, Compensatory Fiscal Policy, features of trade cycle, Keynesian range, Intermediate range and Classical ranges, Radclife Committee View, , impact of fiscal and monetary policies, Analyse the backward and forward functioning of Multiplier	K4

Mapping with Programme Learning Outcomes

CLOs	PLO1	PLO2	PLO3	PLO4	PL O5
CLO1.	S	S	M	M	L
CLO2.	S	S	M	M	M
CLO3.	S	S	M	S	M
CLO4.	S	S	M	S	S

S- Strong; M-Medium; L-Low

MACRO ECONOMICS II

Unit – I: 15hrs

Multiplier Meaning – working of Multiplier – Definition, Objectives, instruments of Macroeconomic Policies dynamic multiplier – Assumptions - Criticism – Importance– Principle of Acceleration – Assumption – Criticisms – Theories of Acceleration: Kaldor's Model, Hicks Model, Samuelson's Model

Unit – II: 15hrs

Monetary Policy Meaning – Goals of Monetary Policy – Instruments of Monetary Policy – Effectiveness of monetary policy – Effectiveness of monetary policy in depression – Keynesian and Modern Views on Monetary Policy – The Liquidity Theory of Money – the Radclife Committee View – Criticisms - The Gurley Shaw View – Criticisms.

Unit – III: 16hrs

Fiscal Policy - Meaning – Objectives – Fiscal Policy in depression – Instruments of Fiscal policy — Compensatory Fiscal Policy - Limitations of Fiscal Policy – Monetary-Fiscal Policy Mix – Monetary-fiscal policy mix to control inflation – Monetary-fiscal policy mix to control unemployment – Monetary-fiscal policy mix for economic growth.

Unit – IV: 15hrs

Trade cycle- Meaning – Features of trade cycles – Phases – Control of trade cycle – Theories of Trade Cycle: Non-Monetary Theories – Monetary theories – Schumpeter's Innovation Theory — Keynesian theory of business cycle – Philips Curve – Trade-off and Non-Trade off.

Unit – V: 12hrs

Balance of Payments – Meaning – Components – Adjustment Mechanism of BOP – BOP policy – Internal and external balance – Foreign Exchange Rate – Forex Policy - Mundell-Fleming model - asset market approach - Dornbusch's overshooting model

TEXT BOOK				
S.NO.	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	M.L.Jhingan	Macro-Economic Theory	Vrinda Publication Pvt Ltd, New Delhi.	2006, 13th ed
2	R.cauveri& others	Macro Economics	Chand and chand publishers, New Delhi	2012, 6th ed

REFERENCE BOOKS				
S.NO.	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	E Shapiro	Macro Economics	Galgotia Publications Pvt Ltd, New Delhi.	1982, 5th ed
2	M.C.Vaish	Macro Economics Theory	WishwaPrakasham , New Delhi.	2010, 14th ed
3	S. Sankaran	Macro Economics	Margham Publications, Chennai.	1981, 2nd ed

Pedagogy: Lecture (Chalk & talk), group discussion, visualisation, role play, concept simulation, debate.

Course Designers:

1. Dr. K. Renuka

2. Dr.S.Padma Annakamu

COURSE NUMBER	COURSENAME	Category	L	T	P	Credit
ES22C10	INTERNATIONAL ECONOMICS	THEORY	7 3	2	-	4

PREAMBLE

- To impart knowledge on the importance of international trade.
- To develop an understanding on free trade, protection, quotas, tariffs, balance of payments, exchange rate, exchange control and international financial institutions.

COURSE LEARNING OUTCOMES

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

CLO Number	CLO Statement	Knowledge Level
CLO1	DefineandunderstandwhatisInternationalEconomics,FreeTrade,Protection, Quotas, Tariff, Balance of Trade, Balance of Payments, Terms of Trade, Exchange rate, Fixed Exchange and Flexible Exchange Rate, Mint Parity and Purchasing Power Parity, Identify the Features of International Trade, Free Trade, Protection, Balance of payments, Exchange Control	K1
CLO2	Differentiate Free Trade and Protection, Fixed Exchange Rate and Flexible Exchange Rate, Balance of Trade and Balance of Payments, WTO and GATT and List different types of quotas and tariffs, Explain factors influencing International Trade, Free trade, Types of Terms of Trade, Exchange Rate, Balance of Payments.	K2
CLO3	Outline the salient aspects of International Trade Agreements and Trade Organisations, Examine and illustrate the Theories of International Trade, BOP Theories, Exchange Rate Theories.	K3
CLO4	Analyse the need for protection, the advantages and disadvantages of free trade and Protection, impact of Quotas and tariffs, Components of BOP ,various methods of Exchange control, International Financial institutions	K4

Mapping with Programme Learning Outcomes

CLOs	PLO1	PLO 2	PLO 3	PLO 4	PLO 5
CLO1	S	S	S	S	M
CLO2	S	S	M	S	M
CLO3	S	S	M	M	M
CLO4	S	S	S	M	M

S- Strong; M-Medium

INTERNATIONAL ECONOMICS

UNITI:14hrs

Introduction – Definition – Importance – Scope – Basis – Features – Difference between International Trade and Internal Trade, Free Trade and Protection, Quotas –Meaning – Types–Effect of Quotas on imports. Tariff: –Meaning–Types and Effects

UNITII:11hrs

Theories of International Trade - Basic concepts – Community Indifference curve – Production possibility Curve – Offer curve - Opportunity costs. Absolute Cost Theory – Comparative Cost Theory–Opportunity Cost Theory-Heckscher and Ohlin Theorem

UNITIII:18hrs

Balance of Payments – Meaning – Importance - Balance of Trade and Balance of Payments –Current Account – Capital Account - Disequilibrium in Balance of Payments – Measures to set right Disequilibrium. Terms of Trade: – Types, Factors influencing Terms of Trade

UNITIV: 16hrs

Exchange Rate – Flexible and Fixed – Equilibrium Exchange Rate – Mint Parity Theory –Purchasing Power Parity Theory-Balance of Payment Theory-Causes for Fluctuation in Exchange Rate. Exchange Control – Meaning– Features–Objectives –Methods of Exchange Control.

UNITV: 13hrs

International Financial Institutions–working of IBRD –IDA–IFC–Asian Development Bank - IMF–International Liquidity, International Trade Agreements: –UNCTAD–GATT–WTO.

TEXTBOOK				
S.NO.	**AUTHORS**	**TITLE OF THE BOOK**	**PUBLISHER**	**YEAR & EDITION**
1	JhinganM.L	International Economics	Vrinda Publications Pvt Ltd, New Delhi	2016,7thed
2	Thomas A Pugel	International Economics	MC Graw Hill Education	2020, 16thed
REFERENCE				
S.NO.	**AUTHORS**	**TITLE OF THE BOOK**	**PUBLISHER**	**YEAR & EDITION**
1	Francis Cheruniam	International Economics	Tata McGraw Hill Education (P) Ltd, New Delhi	2017, 5thed
2	Mannur H.G	International Economics	Vikas Publishing House, New Delhi	2018, 2nded

Pedagogy: Chalk and Talk, PPT, Group Discussion, Debate and Seminar, Blended learning

Course Designers:

1. Dr.N.V.Kavitha
2. Dr.S.Padma Annakamu

Course Number	Course Name	Category	L	T	P	Credit
ES22C11	INDUSTRIAL ECONOMICS	THEORY	73	2	-	4

PREAMBLE

To provide the students an insight into the basic concepts & analytical tools of economics related to firm/industry and understand the industrial environment, policies and problems of industrial growth and development.

COURSE LEARNING OUTCOMES

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

CLO Number	CLO Statement	Knowledge Level
CLO1	Define industrialization, optimum firm, industrial policy, Industrial Finance, licensing, rationalisation	K_1
CLO2	Understand factors determining Industrial Location, industrial regulation, difference between production and productivity, Causes for Low Productivity- Need for credit	K_2
CLO3	Explain the importance of small scale and cottage industries, theories of industrial location, need for modernization	K_3
CLO4	Discuss the industrial policies - Impact of Industry 4.0 and 5.0 on society, business and Government	K_4

Mapping with Programme Learning Outcomes

CLOs	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	S	S	S	S	S
CLO2	S	S	M	S	S
CLO3	S	S	S	S	S
CLO4	S	S	S	S	S

S- Strong; M-Medium

INDUSTRIAL ECONOMICS

UNIT I 14 hrs

Meaning of Industrialisation Firm & Industry – Meaning - Factors determining the size of the firm – Concept of optimum firm - Factors determining optimum size of firm – Structural pattern of industries in India – Importance of small scale and cottage industries.

UNIT II 15 hrs

Location of Industry – Factors determining Industrial Location – Theories of Industrial Location –WEBER Theory – Sargant Florence Theory.

UNIT III 15 hrs

Industrial Finance – Sources of Industrial Finance – Short-term and Long-term Finance –IDBI – SFC – IFCI – SIDBI – NIDC – NSIC - UTI.

UNIT IV 14 hrs

Industrial Policy – Meaning - Industrial Policies 1948, 1956 and 1991 - Regulation of Industries – MRTP Act – Industrial Licensing.

UNIT V 15 hrs

Rationalization and Modernization - Meaning & Need – Benefits - Introduction to Industry 4.0 - Need for Adopting Industry 4.0 - skills required- Impact of Industry 4.0 on Society, Business, Government and People - Introduction to industry 5.0

TEXT BOOK

S.NO	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	Sivayya & Das	Industrial Economy'	Himalaya Publishing House, Bombay	2000

REFERENCE BOOK

S.NO	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	Francis Cherunillam	Industrial Economics	Himalaya Publishing House, Bombay	2004
2	Kutchal.S.C	Industrial Economy of India	Vikash Publishing House, New Delhi	2004
3	Bharatwal R.R	Introduction to Industrial Economics	New Age International Publishers	2021,4th ed

Related Online Contents :1.Introduction to Industry 4.0 and Industrial Internet of Things by Prof.SudipMishra,IITKharagpur.

2. A Complete Guide to Industry 4.0-Udemy

Course Designers:
1. Dr.K.Renuka
2. Dr. C.Athena

COURSE NUMBER	COURSENAME	Category	L	T	P	Credit
ES23E01	TAMIL NADU ECONOMY	THEORY	8 8	2	-	5

PREAMBLE

To impart an understanding and knowledge about Tamil Nadu with regard to geographical features, Natural resources, Demographic aspects, agriculture, Industry and socio economic development**.**

COURSE LEARNING OUTCOMES

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

CLO Number	CLO Statement	Knowledge Level
CLO1.	Identify the Industrial Estates, Conventional and Non-Conventional Sources of Energy and Public Sector Undertakings in Tamil Nadu, Cropping Pattern, Agricultural Productivity, Poverty, Unemployment ,State Finance	K1
CLO2.	Understand the availability of food grains and non- food grains, importance of Large Scale Industries Public Distributive System, Role of NABARD, State aid to Industries, Major aspects of State Finance and Industrial Finance	K2
CLO3.	Analyse the Natural Resources, Demographic features, Agricultural Productivity , Agricultural Marketing, Rural Credit Facilities,Large scale Industries , their contributions and issues , Industrial Estates , SSI and its importance in Tamil Nadu	K3
CLO4.	Examine the problems of agriculture, Industry, sources of power generation and Constrains in the Energy Sector, poverty and Unemployment Problems and evaluate the measures undertaken.	K4

Mapping with Programme Learning Outcomes

CLOs	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	S	S	M	S	S
CLO2	S	S	M	S	M
CLO3	S	S	M	M	M
CLO4	M	S	S	M	M

S- Strong; M-Medium

TAMIL NADU ECONOMY

Unit I : 14hrs

Tamil Nadu - Salient Features - Land Area - Distribution of Occupational Structure in Tamil Nadu -Demographic Trends: Population - Growth - National Family Health Survey - Human Development India Index - Gender Development Index.

Unit II : 18hrs

Trends in State Income - Structural Growth Before and After Reforms - Dynamism of the Economy - State Planning Commission: Targets and Achievements - Financing of Plans: Revenue, Expenditure, and Debt - Current Year Budget

Unit III: 19hrs

Agricultural Sector: Sources of Irrigation - Cropping Pattern - Productivity and Yield of Major Crops - Agriculture Marketing: Agricultural Marketing - Regulated Markets - UzhavarSandhai - Agricultural Finance

Unit IV: 19hrs

Industrial Sector: Trends and Patterns in Industrial Growth - Large Scale and Small Scale Industries - Industrial Estate - KVIC and DIC - Labour Welfare Measures - Industrial Financial Institutions - Industrial Estate - Rural - Urban Education, Health, Banking, Power, Transport and Communication - Energy Sector: Hydro, Thermal and Nuclear Power Systems - Energy Policy.

Unit V: 18hrs

State Finance & Development Programmes: State Finance - Revenue and Expenditure of the State - Tamil Nadu's recent Budget - Welfare Programmes of the State Government: Education and Health - ICDS - Unemployment - Anti-Poverty Strategies -PDS - Micro Financing and Self Help Groups - Entrepreneurial Development in Tamil Nadu

TEXT BOOK				
S.NO.	**AUTHORS**	**TITLE OF THE BOOK**	**PUBLISHER**	**YEAR & EDITION**
1	A.G.Leonard	TamilNadu Economy	MCMillan Publications – Chennai	2006
2	Dr.N.Rajalakshmi	TamilNadu Economy	Business Publications INC	2002
REFERENCE BOOK				
S.NO.	**AUTHORS**	**TITLE OF THE BOOK**	**PUBLISHER**	**YEAR & EDITION**
1	Dr.S.Perumalswamy.	Tamil Nadu Eonomy	Vrinda Publications(P)Ltd, Delhi	1988
2	Dr. Manickam.S	Economic Development of Tamil Nadu	S.Chand and Company Ltd , New Delhi.	2007

Pedagogy : Chalk and Talk, PPT, Group Discussion, Debate and Seminar

Course Designers:
1. Dr. K. Renuka
2. Dr.C.Athena

COURSE NUMBER	COURSE NAME	Category	L	T	P	Credit
ES22E02	PRINCIPLES OF ACCOUNTING	THEORY	88	2		5

PREAMBLE

To acquire knowledge on preparing income statement and showing the financial position of the business in a systematic manner.

COURSE LEARNING OUTCOMES

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

CLO NUMBER	CLO Statement	Knowledge level
CLO1.	To understand the meaning and definition of Accounting, Book-keeping Journal, Subsidiary books, Cash book Account, Trading Account, Balance sheet, consignment, joint venture, liquidity ratio, , , Budget, sales, production, materials, Cash budget	K1
CLO2	Explain the difference between single entry and double entry system, cash and Trade discount, consignment and sale, Joint – venture and consignment, Trial balance,-Balance sheet. Precautions of ratio analysis, Need for Budgeting classification of Accounts, cash accounts, fixed budget and flexible budget.	K2
CLO3	Examine the concepts of accounting preparation of cash book, preparation of final accounts without adjustment, sales budget, cost of production Budget. objectives of Accounting, Limitation of ratio analysis, objectives of budgetary control, Features essential of budgetary control, advantage and disadvantages of budgetary control	K3
CLO4	Analyse the problems of . Journal entries and posting the ledger Three column cash book , preparation of Trading account, profit and loss account balance sheet with the adjustment. Problems of consignment and joint venture preparation of profitability ratios preparations of various budget.	K4

Mapping with Programme Learning Outcomes

CLOS	PLO1	PLO2	PLO3	PLO 4	PLO5
CLO1.	S	S	S	S	S
CLO2.	S	M	S	S	S
CLO3.	S	S	S	S	S
CLO4.	S	S	M	S	S

S-Strong; M- Medium

PRINCIPLES OF ACCOUNTING

UNIT I : 18hrs

      Accounting – Definition – Concept – Methods of Book Keeping- single Entry and double entry – Journal – Ledger – Subsidiary books – purchase book- sales book-purchase return-sales return -cash Book-single -Double-Triple column cash book Trial Balance.

UNIT II : 16 hrs

      Preparation of Final accounts – objectives of balance sheet- Difference between Trial balance and Balance- Trading – Profit and Loss Account – Balance Sheet – Adjusting and Closing Entries. With adjustment –without adjustments

UNIT III: 18 hrs

      Consignment Accounts – meaning-Difference between consignment and sale Entries in the Books of Consignor and Consignee – Invoicing Goods higher than cost – problems- Damage of Goods – Normal cost – Abnormal loss- Joint Venture Accounts – Simple Problems.

UNIT IV : 18hrs

      Accounting Ratios for Business Decisions – Meaning – Importance – Current Ratio – Quick Ratio – Liquidity Ratio – Operating Ratios – Gross Profit and Net Profit Ratio – Proprietary Ratio - Debt –Equity Ratio – Solvency Ratio –- Limitations of Ratio Analysis.

UNIT V:18hrs

      Budget – Budgeting – Need for Budgeting – Importance of Budgeting – Features of Good budgeting – Principles of Budgeting - requires items for a successful budgetary control system - Objectives – Essentials of Budget control -Difference between fixed and flexible budget- Advantage-Limitations of budget – classification - Sales Budget – Production Budget – Material Budget- cash Budget- Simple Problems – Budget Control Measures.

TEXT BOOK				
S.NO.	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	Grewal.T.S	Principles of Accounting	Sultan Chand & Sons, New Delhi	2023, 4th ed
2	R.K. Sharma and Gupta	Management Accounting	Kalyani Publishers New Delhi	2017, 14th ed
REFERENCE BOOK				
S.NO.	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	Vinayagam K	Principles of Accountancy	Sultan Chand Publications	2009, 4th ed
2	S.N Maheswari	Management Accounting	Sultan chand Publication New Delhi	2020
3	Pillai R.S.N. and Bhagavathi	Management Accounting	S.Chand and Company, New Delhi, 2006.	2010

Theory 40 per cent and problems 60 per cent

Course Designers:

1. Dr. K. Renuka
2. Dr.C.Athena

COURSE NUMBER	COURSENAME	Category	L	T	P	Credit
ES22AC1	RURAL ECONOMY	THEORY	-	-	-	5

PREAMBLE

To impart knowledge on concepts of rural economics, dimensions of rural development and understand the challenges in rural development, strategies for rural upliftment.

COURSE LEARNING OUTCOMES

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

CLO Number	CLO Statement	Knowledge Level
CLO1.	Define the concepts of rural economy, rural poverty, rural unemployment, Self Help Groups, rural development, rural debt, rural credit, NABARD, Poverty line, commercial banks, regional banks	K1
CLO2.	Discuss the objective of rural development, Community Development Programme, Integrated Rural Development Programme- PURA Model types and magnitude of rural unemployment, rural poverty,the need forcredit, extent of credit facilities, sources of rural credit.	K2
CLO3.	Describe the features rural economy, Analyse measures to remove rural unemployment, the process of rural development	K3
CLO4.	Narrate the challenges in rural development. Examine the role of commercial banks and NABARD for rural development. Evaluate the Poverty Alleviation Programmes like NREP; MGNREGA- Self Help Groups .	K4

Mapping with Programme Learning Outcomes

CLOs	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	S	S	S	S	S
CLO2	S	S	S	S	S
CLO3	S	S	S	S	S
CLO4	S	S	S	S	S

S-Strong; M-Medium; L-Low

RURAL ECONOMY

Unit I: Introduction to Rural Economy

Meaning and Objectives - Characteristics – Indicators of Rural Development - Concepts of inclusive and sustainable development– Meaning and Types of Rural Markets Defects and Government Measures for Removal of Defects in rural markets Cooperative Marketing Societies – Meaning and Importance of Regulated Markets – Digital Marketing(e-NAM) - Problems of Rural Economy .

Unit II: Rural Development in India

Concept – Objectives –Challenges – Gandhian Model - Community Development Approach - PURA Model, Minimum Needs Approach, Integrated Rural Development and Inclusive Growth Approach.

Unit III: Rural Enterprises, Finance and Infrastructure

Meaning and Importance, Classification and Problems of MSME – Khadi and Village Industries – Credit Co-operative Societies Regional Rural Banks - Role of NABARD Microfinance Institutions – Infrastructure - Rural Transport and Communication Rural Electrification – Entrepreneurship Development Programmes

Unit IV: Poverty and Unemployment in Rural India

Meaning and Measurement of Poverty Causes of Poverty – Farm and Non-Farm Employment Measurement and Types of Employment –Review of Poverty Alleviation and Employment Generation Programmes in India - NREP- MGNREGA- Self Help Groups.

Unit V: Rural Governance

Legislations powers, Functions and sources of revenue of Panchayat Raj Institutions – Role of NGOs in rural development People's participation in rural development

TEXT BOOK				
S.NO.	**AUTHORS**	**TITLE OF THE BOOK**	**PUBLISHER**	**YEAR & EDITION**
1	SatyaSundaram, I	Rural Development,	Himalaya Publishing House, New Delhi.	1999
2	Gupta.K.R.(E d)	Rural Development in India	Atlantic Publishers and Distributors, NewDelhi	2008

REFERENCE BOOKS				
S.NO.	**AUTHORS**	**TITLE OF THE BOOK**	**PUBLISHER**	**YEAR & EDITION**
1	Singh, Katar	Rural Development – Principles, Policies and Management	Sage Publications, New Delhi	2023, 4th ed
2	Maheshwari,S.R.	Rural Development in India	Sage Publications New Delhi.	1995, 2nd ed

Pedagogy: Lecture (Chalk & talk), group discussion, visualisation, concept simulation, debate.

Course Designers:

1. Dr. K. Renuka
2. Dr.C.Athena

COURSE NUMBER	COURSENAME	Category	L	T	P	Credit
ES22AC2	LABOUR ECONOMICS	THEORY	-	-	-	5

PREAMBLE

To enrich the knowledge on various concepts of labour economics and understand the factors affecting labour productivity.

COURSE LEARNING OUTCOMES

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

CLO Number	CLO Statement	Knowledge Level
CLO1.	Define the meaning of Labour, Migration, Trade Union, Bargaining power, Real Wage, Nominal wage, Collective bargaining, Social Security, Industrial Dispute, Labour Welfare, characteristicsofMigratory labour ,nature of migration.	K 1
CLO2.	Differentiate between Real wage and Money Wage, Agricultural Labour and Industrial Labour, Social Insurance and commercial Insurance	K 2
CLO3.	Understand the causes of migration, the Structure of Trade union, Factors determining labour supply and demand, Functions of Trade union	K 3
CLO4.	Analyse the Causes and effects of Migration of labour, Labour Policy, Trade unions in India, Policies and Programmes to improve the conditions of Labour, problems of agriculture and industrial labour, social security measures, labour welfare -Theories.	K 4

Mapping with Programme Learning Outcomes

CLOs	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	S	S	S	M	M
CLO2	M	S	S	S	S
CLO3	S	S	S	S	S
CLO4	S	S	S	S	S

S-Strong; M-Medium

LABOUR ECONOMICS

UNIT I

Introduction - Nature, Scope and Importance of labour Economics – Characteristics of Indian Labour Market – Philosophy of labour Welfare - Concept - Definition - Scope - Aims and Objectives – Labour Welfare Funds.

UNIT II

Wage Concept – Minimum Wage, real Wage and nominal Wage – Classical and Neo Classical Theories - Bargaining Theories – State Regulation of Wages - National Wage Policy – Wage boards in India

UNIT III

Trade Union – Meaning – Structure – Role and Functions of Trade Union – Trade Union Movement in India –Functions - Industrial disputes – Meaning – Causes – Effects – Prevention- Labour legislation in India.

UNIT IV

Social Security Meaning – Aims and Objectives – Social Assistance – Social Insurance – Financing of Social Security Schemes- The Employees' Provident Fund Scheme and Miscellaneous Provisions Act, 1952 – The Employees' pension Schemes, 1995 - The Employee's Deposit Linked Insurance Schemes, 1976- The Maternity Benefit Act, 1961 - The payment of Gratuity Act, 1972- Main features of the Act.

UNIT V

International Labour Organization – in Pursuit of Labour Welfare Structure and Functions of ILO – ILO's Welfare Work - Schemes in Different Countries – Ministry of Labour and Employment – Functions – Directorate of Labour Bureau – Labour Statistics – Functions

TEXT BOOK				
S.NO.	**AUTHORS**	**TITLE OF THE BOOK**	**PUBLISHER**	**YEAR & EDITION**
1	Tyagi.B	Labour Economics	Akash Publishers, Meerut.	2015
2	Suman Kalyan Chakraborty Sarma, A.M.	Aspects of Labour Welfare and Social Security	Himalaya Publishing House, Mumbai- 4.	2018

REFERENCE BOOK				
S.NO.	**AUTHORS**	**TITLE OF THE BOOK**	**PUBLISHER**	**YEAR & EDITION**
1	MittalA. C Sharma. S	Labour Economics Labour	RBSA Publishers, Jaipur	2018, 9th ed
2	Gupta, P.K.	Labour Economics	Vrinda Publications (P) Ltd. New Delhi.	2012, 2nd ed

Course Designers:

1. Dr.K.Renuka
2. Dr.C.Athena

COURSE NUMBER	COURSE NAME	CATEGORY	L	T	P	CREDIT
ES23SBP1	Computer Application in Economics	PRACTICAL		2	43	3

Preamble

To enable the student to understand the role of Excel in economic data analysis and equip them with skill to apply statistical tools in solving economic problems.

Course outcomes

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

CLO Number	CLO Statement	Knowledge Level
CLO1.	Understand basic interface: worksheet, workbook, Export data	K1
CLO2.	Understand the data visualization technique and interpret	K2
CLO3.	Analyze relationship between variables using correlation and regression computation and interpretation of results	K3
CLO4.	Examine forecasting and trend lines and interpret the output	K4

Mapping with Programme Learning Outcomes

CLOs	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1.	S	M	M	L	L
CLO2.	S	S	M	M	L
CLO3.	S	S	S	M	M
CLO4.	S	S	S	S	M

S-Strong; M-Medium;L-Low

<h1 align="center">Computer Application in Economics</h1>

Basic interface in software

- Data Entry in workbook, worksheet, cells, Ranges
- Formatting, Formulas
- Sorting and Filtering data
- Text functions (LEFT, RIGHT, MID, CONCATENATE, TRIM)

Descriptive and Inferential statistics

- Using built-in functions: AVERAGE, MEDIAN, MODE, STDEV, VAR
- Frequency distribution using COUNTIF and COUNTIFS
- Data summary using PivotTables
- Conditional formatting for visual insights
- Hypothesis testing (t-test, z-test)

Correlation and Regression

- Correlation: CORREL function
- Covariance: COVARIANCE.P, COVARIANCE.S
- Regression analysis
- Simple linear regression: estimating economic relationships
- Interpreting R^2, coefficients, p-values
- Normal distribution functions: NORM.DIST
- Confidence intervals and significance testing

Data Visualization

- Creating charts: line, bar, pie, scatter, combo charts
- Trendlines and forecasting
- Chart formatting for presentations

TEXT BOOKS				
S.NO	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	Berk and Carey	Data Analysis with Microsoft Excel	Cengage	2010, 2nd ed
2	Gerard O'Reilly	Excel for Economists	Central Bank of Ireland	2020
REFERENCE BOOK				
S.NO.	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	John Walkenbach	Excel Bible	Wiley	2019
2	Bernd Held	Microsoft Excel Functions & Formulas	Mercury Learning and Information	2021

Pedagogy: presentation
Course Designers:
1.Dr.S.Padma Annakamu
2.Ms.Lekshmi.S

PSGR
Krishnammal College for Women KCW
CELEBRATING WOMEN
SINCE 1963

Affiliated to Bharathiar University \ Autonomous \ College of Excellence \ Accredited with A++ Grade \ Ranked 9th in NIRF

BACHELOR OF ARTS IN ECONOMICS
CHOICE BASED CREDIT SYSTEM (CBCS) &
LEARNING OUTCOMES - BASED CURRICULUM FRAMEWORK (LOCF)
SCHEME & SYLLABUS OF EXAMINATION
2023-2026 Batch
SEMESTER VI

Sem	Part	Course Code	Title of the Course	Course Type	Instruction Hours/Week	Contact Hours	Tutorial Hours	Duration of Examination	Examination Marks			Credits
									CA	ESE	TOTAL	
VI	III	ES23C12	Monetary Economics	CC	5	73	2	3	25	75	100	4
VI	III	ES23C13	Environmental Economics	CC	5	73	2	3	25	75	100	4
VI	III	ES23C14	Introduction to Econometrics	CC	5	73	2	3	25	75	100	4
VI	III	ES23C15	Data Science for Economics	CC	6	88	2	3	25	75	100	3
VI	III	ES23E03 / ES23E04	Economics in Farm Management / Operations Research	DSE	6	88	2	3	25	75	100	5
VI	III	ES23SBP2	Tally essential	SEC	3	41	4	3	100		100	3
VI	III	ES22AC3/ ES21AC4	ALC: Urban Economy/ Foreign Trade Practice and Procedures	ACC	--	--	--	3	25	75	100	5*
I-V	VI	16BONL1 16BONL2	Online Course Online Course	ACC	--	--	--	--	--	--	--	--

CC – Core Courses   **DSE-Discipline Specific Elective**
CA – Continuous Assessment   **ESE–End Semester Examination**
SEC – Skill Enhancement Course   **ACC – Additional Credit Course**
Credits applicable to candidates who take up Advanced level Course examination

COURSE CODE	COURSE TITLE	CATEGORY	L	T	P	CREDIT
ES23C12	MONETARYECONOMICS	**THEORY**	73	**2**	**-**	**4**

Preamble

- To impart knowledge on banking sector, role of money in a modern economy and recent trends in banking sector reforms

Prerequisite

- Basic Knowledge in Economics

Course Learning Outcomes

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

CLO Number	CLO Statement	Knowledge Level
CLO1	Define the concepts of Money and its importance. kinds and role of Money	**K1**
CLO2	Explain the causes, consequences of inflation ,phases of trade cycle	**K2**
CLO3	Analyse the functions of central bank and commercial banks	**K3**
CLO4	Evaluate the Theories of demand and supply of Money	**K4**

Mapping with Programme Learning Outcomes

CLOs	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	S	M	S	M	S
CLO2	S	M	S	M	M
CLO3	S	M	M	M	M
CLO4	S	M	S	L	S

S-Strong; M-Medium; L-Low

MONETARY ECONOMICS -ES23C12

Unit I   **13 hours**

Meaning, Nature and Scope - Money – Definition –Evolution -Kinds - Functions –Significance - Drawbacks of Money-Significance of Money – Money in a Capitalist Economy and Socialist Economy –Mixed economy

Unit II   **16 hours**

Meaning–Features of a good monetary standard – Types – Monometalism – Bi - metalism -Gold standard- types- merits and demerits- Paper standard –Merits and Demerits- Principles and Methods of Note Issue

UNIT III   **14 hours**

Definition– Demand for Money - Supply of Money –Determinants of Money supply - Theories of Money – Fisher's Quantity Theory – Cambridge Equations – Keynes' Income Theory – Friedman's Restatement of Quantity Theory

UNIT IV   **16 hours**

Meaning –Features - Types – Causes – Control – Inflationary Gap – Deflation – Meaning -Causes – Control – Stagflation – Trade Cycle – Phases of Trade Cycle– Control – Theories of Trade cycle — Over Investment Theory – Keynes Theory – Innovation Theory –Hicks Theory

UNIT V   **14 hours**

Central Bank - Functions – Credit control measures- – Quantitative and Qualitative - -Functions of Commercial Bank — Innovative Banking – ATM – Teller System – Credit and Debit Card.– Factoring Services – E - Banking

Text Book

S.No	Authors	Title	Publishers	Year and Edition
1.	Jhingan M.L	Monetary Economics	Vrinda Publications Pvt.	2022 and 21st edn.
2.	Seth ML	Monetary Economics	Lakshmi Narayan, N.D	Reprint 2021 and edn.

Books for Reference

S.No	Authors	Title	Publishers	Year and Edition
1.	Ghosh.B.N and Rama Ghosh	Fundamentals of Monetary Economics	Himalaya Publishing House, Bombay	2024, 3rd ed
2.	Kavery.K U.K Sudha Nyaik and others	Monetary Economics	S.Chand and Company Ltd	2012, 2nd ed

Pedagogy

- PowerPoint Presentations, Group Discussion, Seminar, Quiz, Assignment

COURSE CODE	COURSE TITLE	Category	L	T	P	Credit
ES23C13	ENVIRONMENTAL ECONOMICS	THEORY	73	2	-	4

Preamble

- This paper explores the nexus of economics and the environment, throwing light on essential concepts to address critical ecological challenges with economic insights.

Prerequisite

- Basic Knowledge in Economics

Course Learning Outcomes

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

CLO Number	CLO Statement	Knowledge Level
CLO1	Apply environmental economics to study market failures and inefficiencies.	K1
CLO2	Use principles of sustainability, conservation, laws, ethics, and traditional practices.	K2
CLO3	Evaluate the link between economic growth and the environment, including zero growth.	K3
CLO4	Integrate conservation and development within environmental economics.	K4

Mapping with Programme Learning Outcomes

CLOs	PLO1	PLO 2	PLO 3	PLO 4	PLO 5
CLO1	S	S	S	S	S
CLO2	S	S	S	S	M
CLO3	S	S	S	S	S
CLO4	S	M	S	S	S

S- Strong; M-Medium

ENVIRONMENTAL ECONOMICS - ES23C13

Unit I   **13 hrs**

Economics and Environment–Definition and role of Environmental Economics –Transformation curve – Scope and significance of Environmental Economics – Integration of Conservation and development -Traditional Indian environmental ethics in ancient scriptures and their relevance to modern environmental conservation.

Unit II   **15 hrs**

Basic concepts and Theories Basic Theory of Environmental Economics-Market failure and Externality Concept of Welfare Economics - Definition and meaning of Pareto Efficiency -Economics of externalities- Externality and efficiency in imperfect market- The problem of Second best - Gandhian principles of Sarvodaya and trusteeship in addressing environmental challenges.

Unit III   **13 hrs**

Environment Vs. Economic Growth – Zero Economic Growth —Pollution Vs. Growth Controversy–Trans-boundary environmental problems– Trade and Environment- Traditional Indian water management

Unit IV   **16 hrs**

Sustainable Development – Preservation and Conservation of natural resources – Cleaner and Greener Technologies – Green National Account-Fiscal Techniques-Climate Change- International Climate Agreements-UNSDGs- Ancient Indian Forest management practices

Unit V   **16 hrs**

Environmental Education – The Environment Protection Act 1986, Environmental Policy 2006- Environmental Management-Environmental Impact Assessment System

TEXTBOOK

S.NO	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	Sharma, A. K.	Environmental Ethics in Ancient Indian Literature.	Indian Books Centre	2006, 1st ed
2	Sankaran S	Environmental Economics	Margam Publishers, Chennai	2012, 2nd ed

REFERENCE

S.NO	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	Karpagam M	Environmental Economics	Sterling Publishers Pvt Ltd	2021, 3rd ed
2	Charles Kolstad	Environmental Economics	Oxford University Press,	2012, 2nd ed
3	Maiti, P.	Sustainability Studies: Indian Perspectives.	Springer	2022, 1st ed

Pedagogy: Chalk and Talk, PPT, Group Discussion, Debate and Seminar, Blended Learning

COURSE CODE	COURSE TITLE	CATEGORY	L	T	P	CREDIT
ES23C14	INTRODUCTION TO ECONOMETRICS	THEORY	73	2	-	4

Preamble

- To enable the students to apply the conceptual principles and to develop an expertise in econometrics for better application of economic data.

Prerequisite

- Basic Knowledge in Economics and Statistics

Course Learning Outcomes

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

CLO Number	CLO Statement	Knowledge Level
CLO1	Explain the fundamental concepts, theories, and models of econometrics and their applications in Economics.	K1
CLO2	Formulate and estimate basic econometric models using real-world economic and financial data.	K2
CLO3	Apply Regression to linear and non-linear problem and interpret results	K3
CLO4	Analyse and evaluate economic problems, policies, and business decisions using simultaneous equation.	K4

Mapping with Programme Learning Outcomes

CLOs	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	S	L	L	L	L
CLO2	S	M	L	L	L
CLO3	L	L	S	L	L
CLO4	S	S	M	L	L

S-Strong; M-Medium; L-Low

INTRODUCTION TO ECONOMETRICS- ES23C14- 73 HRS

Unit I   **13 Hrs**

Definition and Scope – Relationship between Economic Theory, Mathematics and Econometrics – Model Building – Types of Data – Goals – Limitations - Methodology of Econometric Research

UNIT II   **16 Hrs**

Classical Linear Regression – Assumptions –Ordinary Least Square (OLS) – Gauss Markov theorem- Regression through origin – Matrix Approach - Multiple Regression Model – Cobb-Douglas Production Function

UNIT III   **15 Hrs**

Goodness of Fit – R^2 and adjusted R^2 – Hypothesis Testing – Student's t- test – Z test - ANOVA – Confidence Interval – Forecasting – Types of Forecasts

UNIT IV   **16 Hrs**

Autocorrelation: Sources, Consequences, Detection, Solutions – Heteroscedasticity: Causes, Consequences, Detection, Remedies – Multicollinearity: Consequences, Detection, Solutions

UNIT V   **13 Hrs**

Simultaneous Equation Model – Simultaneity Bias - Hausman test - Structural and Reduced Form Equations – Recursive Form - Problem of identification - Two Stage Least Squares method.

Text Book

S.No	Authors	Title	Publishers	Year and Edition
1.	Damodar .N. Gujarati	Basic Econometrics	McGraw Hill Book Co, New Delhi	2020, 6th edn
2.	K.Dhanasekaran	Econometrics	Vrinda Publications	2014, 2nd edn

Books for Reference

S.No	Authors	Title	Publishers	Year and Edition
1.	Koutsoyoannis. A	Theory of Econometrics	Macmillan, Great Britain.	2001, 2nd edn
2.	Navdeep kaur & shyamala	A textbook on Econometrics	Vishal publishing .co, New Delhi	2023, 2nd edn

Pedagogy

- Chalk and Talk, PowerPoint Presentations, Group Discussion, Seminar, Quiz, Assign

COURSE CODE	COURSE TITLE	CATEGORY	L	T	P	CREDIT
ES23C14	DATA SCIENCE FOR ECONOMICS	THEORY	88	2	-	3

Preamble

This course introduces the concept of programming in python and also provide various scripts involved in the data science process

Prerequisite

Basic Knowledge in Data science for Economics

Course Learning Outcomes

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

CLO Number	CLO Statement	Knowledge Level
CLO1	Recall the basic concepts of data science and programming	K1
CLO2	Understand the purpose of string, list, dictionary, tuple files in python	K2
CLO3	Apply the functions of the python programming to solve the problems.	K3
CLO4	Demonstrate the modules of Econometrics using library functions	K4

Mapping with Programme Learning Outcomes

CLOs	PLO 1	PLO 2	PLO3	PLO 4	PLO5
CLO1	S	S	S	S	S
CLO2	S	S	M	S	S
CLO3	S	S	S	S	S
CLO4	S	M	S	S	S

ES23C14- DATA SCIENCE FOR ECONOMICS

Unit I   (14 Hrs)

Data Science: Introduction – Terminologies related with Data Science – Facets of Data – Data Science Process – Popular Toolkits– Applications

Unit II   (20 Hrs)

Introduction to Python : Python program execution environment – Features of Python – Jupyter Notebook – Comment statements – Variables – Data Types – Numpy and Pandas – Arrays

Unit III   (18 Hrs)

Sequences- Strings-Lists and Tuples – Mapping type: Dictionary Keys- Sets – Conditional loops – if statement – else Statement – elif statement – Expression – while statement – for statement – break statement – continue statement – pass statement – Iterators function.

Unit IV   (18 Hrs)

Functions and Functional Programming: Functions – calling functions – creating functions – Built-in Functions – Statistical functions – Data Visualization – Matplotlib – plotting graphs – legends – colors –labels- Scatterplot – Histogram- seaborn – Bar plot.

Unit V   (18 Hrs)

Dimensionality Reduction: Factor Analysis – Text Analytics: Sentiment Analysis – Supervised Learning: Linear Regression – Decision Tree – Timeseries Forecasting: Stationarity – Exponential Smoothening .

Text Books

S. No	Author	Title of Book	Publisher	Year
1	Dr.B.Uma Maheshwari and R.Sujatha	Introduction to Data science	Wiley Publication	2021, 1st edn
2	Joel grus	Data Science from Scratch	O'Reilly	2019, 2nd edn

Books for Reference

S. No	Author	Title of the Book	Publisher	Year
1	Eric Matthes	Python crash course	William Pollock	2023,3rd edn
2	Zed Shaw	Learn Python the Hard Way	Addition Wesley	2024,5th edn

COURSE CODE	COURSE TITLE	Category	L	T	P	Credit
ES23E03	Economics in Farm Management	THEORY	88	2	-	5

Preamble

- To impart the students with the knowledge of concepts, significance and uses of economics in an agricultural context with special reference to agri products.

Prerequisite

- Basic Knowledge in agriculture.

Course Learning Outcomes

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

CLO Number	CLO Statement	Knowledge Level
CLO1	Explain the nature, scope and significance and types of farming and assess the need for organic farming.	K1
CLO2	Differentiate between regulator, co-operative and unregulated markets and suggest measures to improve farm product marketing.	K2
CLO3	Analyze production function, cost concepts and perform break even analysis.	K3
CLO4	Apply time series and trend projection methods for demand forecasting and use seasonal price index to develop strategies for farm products.	K4

Mapping with Programme Learning Outcomes

CLOs	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	S	S	M	S	S
CLO2	S	S	M	S	M
CLO3	S	S	M	M	M
CLO4	M	S	S	M	M

S- Strong; M-Medium

ECONOMICS IN FARM MANAGEMENT

UNIT I   **18 hrs**

Introduction: Nature, scope and significance of farm management economics -Farming systems and types. Concept and development of organic farming - Need for organic farming, Types of organic farming, Biodynamic farming, Benefits of organic farming - Conventional farming v/s organic farming - Present state of organic farming.

UNIT II   **18 hrs**

Production function – meaning, Short run & Long run, Technical relationships -Factor - product relationships, Factor - Factor relationship, Product - Product relationship, Determination of optimal levels of production - Linear Production Function using Graphical Method.

UNIT III   **16 hrs**

Demand Forecasting for farm products– purpose and steps involved in demand forecasting – determinants of demand forecasting –Methods of demand forecasting: Analysis of Time series and Trend Projection

UNIT IV   **18 hrs**

Cost Concepts: TC,TFC,TVC,MC,AC,AFC,AVC, Iso-Cost Lines Simple Arithmetic Method, Algebraic Method & Graphic Method, Cost of Cultivation, Cost of –Least Cost combination: Production, Break-even analysis - Pricing of farm products using seasonal price index.

UNIT V   **18 hrs**

Market: Regulated, Cooperative, Unregulated- Characteristics-Market channels for farm products - Problems - Measures to improve market for farm products.

Text Books

S. No	Author	Title of Book	Publisher	Year
1	V T Raju and D.V.S.Rao	Economics of Farm production and management	Oxford & IBH Publishing co.pvt Ltd	2017, 1st edn
2	S.S. Johl& Kapoor-	Fundamentals Farm Business	Kalyani Publishers	2015, 2nd edn

Books for Reference

S. No	Author	Title of the Book	Publisher	Year
1	Kent D.Olson	Farm Management Principles and strategies	Wiley Publishers	2010, 1st edn
2	Dr. S.D.Siva Kumar & Mr. Ramesha	Horti-Business Management	Agrimoon	2017, 1st edn

Pedagogy

- Lecture by chalk & talk, Power Point Presentation, Assignment, Quiz, Seminar

COURSE CODE	COURSE TITLE	CATEGORY	L	T	P	CREDIT
ES23E04	OPERATIONS RESEARCH	THEORY	88	2	-	5

Preamble

- To introduce students to the techniques of operations research and to provide students with basic skills and knowledge of operations research and its application in industry.

Prerequisite

- Familiarity with logical reasoning, statistics, and analytical problem-solving skills forms the foundation.

Course Learning Outcomes

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

CLO Number	CLO Statement	Knowledge Level
CLO1	Understand and Apply Basic Concepts of Operations Research	K1
CLO2	Solve Transportation and Assignment Problems	K2
CLO3	Analyze Sequencing and Network Problems	K3
CLO4	Apply Decision Theory to Real-life Scenarios	K4

Mapping with Programme Learning Outcomes

CLOs	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	S	S	S	S	M
CLO2	S	S	S	M	M
CLO3	S	S	M	M	M
CLO4	S	S	S	S	S

S-Strong; M-Medium

OPERATIONS RESEARCH   ES23E04

UNIT I :   **(18 hrs)**

Introduction: Definition of Operations Research – Characteristics – Scope – OR AND Decision making – Methodology –Model – Steps in building a model - Linear Programming Problem (LPP) – terminology and application – Mathematical formulation – Graphical Solution – Simplex method (Two variables only – Basic Problem only)

UNIT II: **(16 hrs)**

Transportation: Introduction - Matrix formulation and balance check of a transportation problem – Initial basic of a feasible solution – North West Corner rule – Least Cost method – Vogel's approximation method – test of Optimality – MODI method

UNIT III: **(18hrs)**

Assignment: Introduction – Assignment algorithm – balanced and unbalanced problem – Solution using Hungarian Assignment method (Simple Problems) Sequencing – Meaning – Basic Terms – Priority Rule – First come first serve – Earliest Due Date – Shortest Processing time – Longest Processing Time – Johnson's Rule – Basic Problems

UNIT IV: **(18 hrs)**

Network Analysis – CPM and PERT Analysis: Meaning – Objectives and applications – Fundamental Concepts – Event – Activity – Path – Dummy Activity – Fulkerson's Rule – Network Construction – Time Estimation in network analysis – Earliest Finish – Latest Finish – Critical Path – Programming Evaluation Review Technique (PERT)

UNIT V: **(18hrs)**

Decision Theory: Introduction - Decision making under conditions of certainity – conditions of Uncertainity – Maximax – criterion – Minimax Criterion – Mini Max regret Criterion – Hurwicz Criterion – Laplace Criterion - conditions of Risk – Expected Monetary Value (EMV) Criterion – Expected Opportunity Loss (EOL) Criterion – Decision Tree Analysis – Roll Back Technique – EMV Method (Simple Problems)

Text Books

S.No	Authors	Title	Publishers	Year and Edition
1.	Kanti Swarup P.K Gupta &Man Mohan	Problems in Operations Research (Methods and Solution)	Sultan Chand and Sons, New Delhi	2021, 20th edn.
2.	P K Gupta and D S Hira	Operations research	Sultan Chand and Sons, New Delhi	2020, 7th edn

Books for Reference

S.No	Authors	Title	Publishers	Year and Edition
1.	Paneerselvam. R	Operations Research	Prentice Hall India	2016 3rd edn
2.	Sundaresan, K.S.Ganapathy, Subramaian	Resource Management Techniques in OR	A.R. Publications, NagapattinamDt, TamilNadu	2018, 11th edn

25 Percent of the Question Paper should contain Theory Questions

COURSE CODE	COURSE TITLE	Category	L	T	P	Credit
ES23SBP2	Tally prime	Practical		4	41	3

Preamble

- To understand the accounts heads available in the accounting software and mechanics of creating the vouchers
- To understand various financial statements and financial analysis tools available in the software

Prerequisite

- Basic Knowledge in accounting and computer proficiency.

Course Learning Outcomes

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

CLO Number	CLO Statement	Knowledge Level
CLO1	Demonstrate the ability to create and configure a company in Tally by setting up essential company details	K1
CLO2	Develop and manage ledgers and accounting groups effectively and Record and process financial transactions using various types of vouchers in Tally	K2
CLO3	Prepare and interpret final accounts such as the profit and loss account and balance sheet using Tally's automated features, ensuring compliance with accounting standards.	K3
CLO4	Generate and analyze various financial reports, including trial balances, cash flow statements, and inventory reports, to support informed decision-making.	K4

Mapping with Programme Learning Outcomes

CLOs	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	S	S	S	S	M
CLO2	S	S	M	S	M
CLO3	S	S	M	M	M
CLO4	S	S	S	M	M

S- Strong; M-Medium

Tally Prime

Starting Tally
1. Create a company
2. Selecting a company
3. Altering a company
4. Close or Shut Company

Accounts Information
1. Creation of Accounts Group

Ledgers
1. Creating a Ledger
2. Displaying a Ledger
3. Altering a Ledger
4. Deleting a Ledger

Vouchers
1. Steps invoke in Voucher entry
2. Receipt Voucher
3. Payment Voucher
4. Contra Voucher
5. Sales Voucher
6. Purchase Voucher
7. Journal Voucher
8. Memo Voucher
9. Alter, Delete and Insert Voucher

Inventory Information
1. Units of Measure
2. Stock Groups – Single & Multiple
3. Stock Items – Single & Multiple

Final Accounts
1. Trial balance
2. Profit & Loss Account
3. Balance sheet
4. Cash flow & Fund flow
5. Ration Analysis
6. Backup and restore company information

Text Book

S.No	Authors	Title	Publishers	Year and Edition
1	C Nellai Kannan	Tally (Ver 9)	Nels Publication	2008
2	Kogent Learning Solutions Inc	Tally ERP 9 in Simple steps	Kogent Learning Solutions Inc	2013

Pedagogy

- Lecture (Chalk & talk), PPT presentation

Course Designers

1. Dr.C. Athena, Assistant Professor, Department of Economics

COURSE CODE	COURSE TITLE	Category	L	T	P	Credit
ES22AC3	URBAN ECONOMY	THEORY	-	-	-	5

Preamble

- To impart knowledge on concepts of urban economics, urbanisation and understand the axioms of urban economics.

Prerequisite

- Basic Knowledge in Economics

Course Learning Outcomes

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

CLO Number	CLO Statement	Knowledge Level
CLO1	Identify the meaning of urbanization and list out the reasons for existence of cities, externalities.	K1
CLO2	Discuss the axioms, relation between Region-wide Innovation and Income, Human Capital and Economic Growth	K2
CLO3	Examine the reasons for the existence of Cities, regional innovation and income	K3
CLO4	Analyse the role of local Government tibeout model and property tax.	K4

Mapping with Programme Learning Outcomes

CLOs	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1.	S	S	S	S	S
CLO2.	S	S	S	S	S
CLO3.	S	S	S	S	S
CLO4.	S	S	S	S	S

S - Strong

URBAN ECONOMY

Unit I

Introduction to Urban Economics – Meaning -. City: Meaning –Need –Importance – Problems.

Unit II

Axioms of Urban Economics – The Five Axioms of Urban Economics – Prices Adjust to Achieve Locational Equilibrium – Self-Reinforcing Effects Generate Extreme Outcomes – Externalities Cause Inefficiency – Production is Subject to Economies of Scale – Competition Generates Zero Economic Profit.

Unit III

Market forces in the Development of Cities- Industrial revolution and Factory cities - Reasons for the existence of Cities – Reasons for firms to form Cluster- City Size – Urban Growth – Utility and City size – Benefits and Costs of Bigger Cities – Locational Equilibrium, Land Rent, and Utility within a City.

Unit IV

Urban Growth- Urban Labour market - Economic Growth : Increase in Per-Capita Income – City-Specific Innovation and Income – Region-wide Innovation and Income – Human Capital and Economic Growth.

Unit V

Role of Government – Externalities - Equilibrium vs optimum – Local government revenue Tibeout model and the property tax – Recent programs initiated by government.

Text Book

S.No	Authors	Title	Publishers	Year and Edition
1.	O'Sullivan	Urban Economics	Tata Mc-Graw Hill, New Delhi.	2018, 9th ed
2.	Edwin S,Mills	Urban Economics	Pearson	1997, 5th ed

Books for Reference

S.No	Authors	Title	Publishers	Year and Edition
1.	Bruce Stiftel Vanessa Watson	Dailogues in Urban and Regional Planning	Routledge	2005, 2nd ed

Course Designers

1. Dr.C.Athena

COURSE CODE	COURSE TITLE	Category	L	T	P	Credit
ES21AC4	**FOREIGN TRADE PRACTICE AND PROCEDURE**	**THEORY**			-	**5**

Preamble

- To impart an understanding, the reasons for exporting, procedure involved in exporting documents required for exporting, and the need for export contract
- Appreciate the export promotion measures, and the role Indian council of arbitration and international chamber of commerce and cargo insurance

Prerequisite

- Basic Knowledge in Foreign Trade

Course Learning Outcomes

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

CLO Number	CLO Statement	Knowledge Level
CLO1	Define the basic concepts of foreign trade practice and procedure	K1
CLO2	Explain Domestic and International Marketing Strategies, Commercial and Regulatory Documents	K2
CLO3	Explain Scope, Export Procedure, role of bank in EXIM transactions, Special Economic Zones	K3
CLO4	Examine the method of short listing foreign markets and role of IT in international business.	K4

Mapping with Programme Learning Outcomes

CLOs	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	S	S	S	S	M
CLO2	S	S	M	S	M
CLO3	S	S	M	M	M
CLO4	S	S	S	M	M

S- Strong; M-Medium

FOREIGN TRADE PRACTICE AND PROCEDURE

UNIT I

Export Procedures and Documents: The Search for an overseas buyer, Processing an Export Order, Negotiation of Documents, Role of Banks in Export-Import Transactions - Methods of Payments and INCO Terms: Methods of Payment, Financing Exporters and Importers, Instruments of Payment.

UNIT II

EXIM Strategies and Export Marketing: EXIM Business Plan and Strategy, Export Strategy Formulation, Export Financing, Import Strategy (Souring Strategy), International Marketing, Export Marketing – Going Global, Different Forms of International Trade - Methods of Financing Exporters and Business Risk Management: Pre-Shipment Finance, Post Shipment Export Advance, Factoring and Insurance, Types of Risks, Quality and Pre Shipment Inspection.

UNIT III

Custom Clearance of Import and Export Cargo: Clearance of Import Cargo, Clearance of Export cargo, Custom Valuation, The Harmonized System, Carnets, New Developments in Custom Clearance Procedure - Logistics and Characteristics of Modes of Transportation: Planning Physical Distribution, Benefits of Efficient Logistics System, Concept of Marketing Logistics System, Critical Elements of a Logistics System, International Transport System.

UNIT IV

Characteristics of Shipping Industries: History of Shipping Industry, Role of Intermediaries in Shipping Industry, Latest Trends in Logistics Operations, Ocean Freight Structure - Containerization and Leasing Practices: Containerization – Concept and Operation, History of Containerization, Types of Containers, Benefits of Containerization, Global Trade and containerization, Container Leasing Practices and Inland Container Depots.

UNIT V

Export Incentive Schemes: Duty Exemption Scheme, Duty Remission Scheme, Export Promotion Capital Goods Scheme, Special Economic Zones - Information Technology in International Business: Electronic Procurement, Electronic Marketing, Electronic Logistics

Text Book

S.No	Authors	Title	Publishers	Year and Edition
1.	Kushpat Jain	Foreign Trade	Himalaya Publishing House	2017, 1st ed
2.	Jeevanandam.C	Foreign exchange and risk management	Sultan Chand & Sons	2016, 1st ed.

Books for Reference

S.No	Authors	Title	Publishers	Year and Edition
1.	T.A.S.Balagopal	Export Management	Himalaya Publishing House	2014, 22nd ed
2.	Francis Cherunilam	International Trade and Export Management	Himalaya Publishing House	2019. 21st ed

Course Designers

1. Dr.C.Athena