



**PSGR
Krishnammal College for Women**



DEPARTMENT OF ECONOMICS (AIDED)

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

SYLLABUS

BACHELOR IN ECONOMICS

2022 – 2023 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
CHOICE BASED CREDIT SYSTEM &
LEARNING OUTCOME BASED CURRICULAR FRAMEWORK (LOCF)
SYLLABUS & SCHEME OF EXAMINATION**

Semester	Part	Subject Code	Title of the Paper		Instruction Hours / Week	Instruction Hours / Sem	Tutorial	Duration of Examination	Examination Marks			Credits
									CIA	ESE	Total	
I	I	TAM2201/ HIN2201/ FRE2201/ MAL2201	Language Paper I Tamil/Hindi/French	Language	6	86	4	3	50	50	100	3
I	II	ENG2201	English Paper I	English	6	86	4	3	50	50	100	3
I	III		Core									
		ES22C01	Micro Economics I	CC	5	71	4	3	50	50	100	4
		ES22C02	Indian Economy	CC	5	71	4	3	50	50	100	4
I	III	EG22A01/ HI22A01/ ES22A01/ ES22A02	Allied (Optional papers) English through classics I Principles of Modern Government/ Indian Economic Development/ International Marketing	GE	6	86	4	3	50	50	100	5
I	IV	NME22B1/ NME22A1	Basic Tamil Paper - I/ Advanced Tamil Paper - I	AEC	2	28	2	2	50	50	100	2

		NME21ES	Introduction to Entrepreneurship	AEC	2	26	4	2	100		100	
II	I	TAM2202/ HIN2202/ FRE2202/ MAL2202	Language Tamil/Hindi/French Paper II	Languag e	6	86	4	3	50	50	100	3
	II	ENG2202	English Paper II	English	5	71	4	3	50	50	100	3
	III	ES22C03	Core Micro Economics II	CC	5	71	4	3	50	50	100	4
		ES22C04	Statistics for Economics	CC	5	71	4	3	50	50	100	5
	III	EG22A02 HI22A02 ES22A03 ES22A04 ES22A05	Allied (Optional papers) English Through Classics/ Indian Constitution/ Economic Analysis/ Basics of Econometrics/ Money and Banking	GE	6	86	4	3	50	50	100	5
	IV	NME22B2/ NME22A2	**Basic Tamil II/ Advance Tamil II	AEC	--	--	--	--	--	--	--	-
	IV	21PEAS1	Professional English for Humanities	AEC	3	45	4	2	50	50	100	2
	IV	OPS1808	Open course	AEC	Self Study online							
VI	NM12GAW	General Awareness	AEC	Self Study	--	--	Online Exam	100	--	100	Gr.	
III	I	TAM2203 / HIN2203 / FRE2203	Language Paper III Tamil/Hindi/French	Lang	6	88	2	3	50	50	100	3
	II	ENG2203	English Paper III	Eng	5	73	2	3	50	50	100	3
	III	ES22C05	Group A – Core Mathematical Methods	CC	4	58	2	3	50	50	100	4
		ES22C06	History of Economic Thought	CC	4	58	2	3	50	50	100	4
	III	EG22A03 BB22A03 HI22A03	Group B - Allied Paper II Cluster Writing for media / Income Tax /	GE	6	88	2	3	50	50	100	5

			Indian Geography									
	III	ES20SBCE	Skill Based Subject - /Coursera Business Analytics & Infonomics	SEC	3	45	-	-	100		100	3
		NM22EVS	Environmental Studies	AEC	Self Study				100		100	Gr
		NM22UHR	Universal Human Values and Human Rights	AEC	2	30			100		100	2
	VI	JOB1903	Job Oriented Course – Foundation Course for Civil Service Examination/Highe r Learning		--	60	--	--			--	Gr
IV	I	TAM220 4/ HIN2204/ FRE2204	Language Paper IV Tamil / Hindi / French	Lang	6	88	2	3	50	50	100	3
	II	ENG2204	English Paper IV	English	5	73	2	3	50	50	100	3
	III	ES22C 07	Group A - Core Macro Economics I	CC	4	58	2	3	50	50	100	4
		ES22C08	Public Finance	CC	4	58	2	3	50	50	100	4
	III	EG2204 A/ HI22A0 4 / ES22A07	Group B – Allied II Cluster English for Competitive Examination/ Indian Culture & Heritage / Research Methodology/ Industrial Economics	GE	6	88	2	3	50	50	100	5
	III	ES20SBC E/ ES22SBP 1	Skill Based Subject Coursera – Business Analytics & Infonomics / Computer	AEC	3 3	45 41	- 4	- --	100 100	- --	100 100	3 3

			Application in Economics I									
	VI	NM22DTG	Design Thinking	SEC	2	30	-	--	100		100	2
		COCOACT	NSS, NCC, YRC and Sports & Games, Eco Watch, YI Net, Rotaract, Yoga						100		100	1
		COM15SER	Community Oriented Service									
V	III	ES22C09 ES22C10 ES22C11	Core 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	ES22E01/ ES22E02	Elective I Tamil Nadu Economy/ Principles of Accounting	DSE	6	88	2	3	50	50	100	5
	III	ES22PROJ	Project with Viva – Voce	CC	4	60	--	--	--	--	100	5
V/ VI	III A	ES22SCEA / ES22SBP2	Coursera – Business Infonomics/ Skill Based Subject - Computer Application in Economics II	SEC	3	45/41	-/4	-/4	100/25	-/75	100	3
V	III	ES22AC1 / ES22AC2	Advanced Learners Course # Rural Economy / Labour Economics	ACC	--	--	--	3	25	75	100	5 ^s
	IV	NM21CS1	Cyber Security I	AECC	2	30	-	-	100	-	100	Gr.
	IV	INST	Field Work/ Institutional Training	DSE							100	2
	VI	CE	Comprehensive Examination	GC	--	--	--	--	--	-	-	Gr.
I- V	VI	16BONL1 16BONL2	Online Course – 1 Online Course - 2	ACC	-	-	-	-	--	-	-	-
VI	III	ES22C12	Monetary Economics	CC	5	73	2	3	50	50	100	3

VI	III	ES22C13	Environmental Economics	CC	5	73	2	3	50	50	100	3
VI	III	ES22C14	Introduction to Econometrics	CC	5	73	2	3	50	50	100	3
VI	III	ES22C15	Data Science for Economics	CC	6	88	2	3	50	50	100	4
VI	III	ES21E03 / ES21E04	Economics in Farm Management / Operations Research	DSE	6	88	2	3	50	50	100	5
VI	III	ES22SBP3	Tally	SEC	3	41	4	-	100	-	100	3
VI	III	ES22AC3	ALC: Urban Economy	ACC	--	--	3	25	75	100	--	5*
VI	III	ES21AC4	ALC: Foreign Trade Practice and Procedure	ACC	--	--	3	25	75	100	--	5*
VI	III	16BONL1	Online Course – 1	ACC	--	--	--	--	--	--	--	--
VI	III	16BONL2	Online Course – 2	ACC	--	--	--	--	--	--	--	--
I- VI			TOTAL								4000	140

CC-Core Courses; AEC – Ability Enhancement Course; GE-Generic Elective; CA- Continuous Assessment; ESE- End semester Examination

COURSE NUMBER	COURSE NAME	Category	L	T	P	Credit
ES22C01	Micro Economics I	C	71	4	-	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 OUTCOMES

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

CLO Number	CO 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.	Understand 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 functionCES linear production function, Types of cost- Relationship between AR and MR	K4

Mapping with Programme 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; L-low

SYLLABUS
CORE PAPER I -MICRO ECONOMICS I ES22C01

Unit I- Introduction 14Hrs

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-Positive and Normative approaches- Economics statics and Dynamics.

Unit II- Consumer Behavior: 15 hrs

Utility- Cardinal and ordinal utility analysis- Law of Diminishing Marginal Utility- Relationship between Marginal utility and Total Utility- Law of Equi-marginal utility-Indifference curve analysis- Indifference schedule-Indifference map- Properties-Consumer equilibrium-Income effect-Substitution effects and price effects- Revealed preference theory.

Unit III – Demand Analysis : 15 hrs

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

Unit IV – Production: 14hrs

Meaning-Factors of production-Scale of production- 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 – Cost and Revenue 13 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, nature of cost curves-Revenue curve-Total Revenue, average Revenue, Marginal Revenue- Relationship between AR and MR curve

TEXT BOOK	1.P.N.Chopra	Advanced Economic theory Micro and Macro	Kalyani Publishers	2011
	2. Sankaran .S	Micro Economics	Margham Publications, Chennai	2014
REFERENCE	1. Kaveri R. and others	Micro Economic Theory	S.Chand and Company Ltd , New Delhi.	2010
	2. Ahuja H.L.	Principles of Economics	S.Chand and Company Ltd , New Delhi.	2014
	3.Jhingan M.L.	Micro Economics	Vrinda Publications(P)Ltd, Delhi	2015

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

Course Designers:

- 1.Dr. K.RenukaAssociate Prof, Department of Economics
2. Dr.C.Athena Assistant Professor, Department of Economics

COURSE NUMBER	COURSE NAME	Category	L	T	P	Credit
ES22C02	INDIAN ECONOMY	C	71	4	-	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 OUTCOMES

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

CLO Number	CO 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	K ₁
CLO2.	Understand the features of developed nations- defects of agricultural marketing, Indian Agriculture, Causes for Low Productivity- Agricultural Finance-Need for credit	K ₂
CLO3.	Explain the difference between growth and development-Role of agriculture- Sources of NABARD - Role and Problems of MSMEs Large Scale Industries -Causes and measures to improve capital Formation in India- Achievements	K ₃
CLO4.	Discuss the features of Indian Economy, Agricultural marketing measures – Industrial policies - Population in India, Poverty – causes and measures - employment generation schemes Impact of Industry 4.0 and 5.0, five year plans, Liberalisation, Privatisation and Globalisation.	K ₄

Mapping with Programme Outcomes

COs	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; L-Low

SYLLABUS
CORE PAPER II – INDIAN ECONOMY ES22C02

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: 14 hrs

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: 18hrs

Concept of Industrialization –Industrial Policy Resolution 1948, 1956 and New Industrial Policy 1991 – Role and Problems of MSMEs- Large Scale Industries –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 5.0 - 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	1.Sankaran.S	Indian Economy (Problems, Policies and Development)	Margham Publications, Chennai.	2013
	2.Dutt &Ruddar	Indian Economy	S.Chand Publishers, New Delhi.	2012
REFERENCE	1. Agarwal. A.N	Indian Economy	WishwaPrakashan New Delhi	2012
	2.Dhingra.IC	Indian Economy	Sultan Chand and Sons, New Delhi	2014
	3. Misra&Puri	Indian Economy	Himalaya Publishing Houses, Mumbai	2019
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

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

Course Designers:

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

2.Dr.Mrs. S.PadmaAnnakamu, Asst. Prof., Dept. of Economics.

Course Number	Course Name	Category	L	T	P	Credit
ES22A01	INDIAN ECONOMIC DEVELOPMENT	A	86	04		5

Preamble

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

Course Outcomes

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

CO Number	CO 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	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	K3
CLO4.	Discuss the Industrial policies 1948, 1956, New industrial policy, effects, Five year Plans, procedure for preparing the budget Measurement of national income- Difficulties in calculation - types of budget, Five year plans - current budget	K4

Mapping with Programme 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; L-Low

Syllabus

SEMESTER I - ALLIED PAPER I – INDIAN ECONOMIC DEVELOPMENT ES22A01

UNIT I : 17 hrs.

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

UNIT II : 18 hrs.

Indian Agriculture – Role – Causes for Low Productivity –Measures to improve Agricultural Productivity- Green Revolution – Agricultural Marketing – Defects –Measures – Role of NABARD.

UNIT III : 16 hrs.

Concept of Industrialization –Industrial Policy 1948, 1956 and New Industrial Policy –Role and Problems of MSMEs- Large Scale Industries

UNIT IV : 19 hrs.

Population – Causes – Measures - Poverty – Causes – Measures - Unemployment –Causes-Measures- Government Programmes to reduce unemploymentand Poverty

UNIT V : 16 hrs.

Planning – Meaning – Need – Five Year Plans – National Income – Measurement – Uses – Difficulties- Budget –Meaning – Preparation of Budget – Current Budget

TEXT BOOK

1.Sankaran.S	Indian Economy (Problems, Policies and Development	Margham Publications, Chennai.	2013
2.Dutt &Ruddar	Indian Economy	S.Chand Publishers, New Delhi	2012
3. S.S.Acharya	Agricultural Marketing	Oxford & IBH Publishing	2019

REFERENCE BOOKS

REFERENCE	1. Agarwal.A.N	Indian Economy	WishwaPrakashan New Delhi	2012
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	2.Dhingra.IC	Indian Economy	Sultan Chand and Sons, New Delhi	2014
	3. Misra&Puri	Indian Economy-Its development-experience	Himalaya Publishing Houses, Mumbai	2019

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

Course Designers:

1. Dr. Mrs. K. Renuka, Associate Prof. Dept. of Economics
2. Dr. Mrs. S. Padma Annakamu, Asst. Prof., Dept. of Economics.

Course Number	Course Name	Category	L	T	P	Credit
ES22A02	INTERNATIONAL MARKETING	A	86	04		5

Preamble

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

Course Outcomes

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

CO Number	CO Statement	Knowledge Level
CO1.	Define the concepts of International marketing, trading blocks, economic development, internet, ASEAN, NAFTA, SAFTA, COMECON, MNCs, Marketing Research, Regional Co-operation Production Possibility Curve, Principle of Absolute Advantage, Principle of Relative Advantage, Factor Endowment theory, Porter's diamond model	K1
CO2.	Understand Production Possibility Curve, Principle of Absolute Advantage, Principle of Relative Advantage, Factor Endowment theory, Porter's diamond model.	K2
CO3.	Discuss Need for marketing research, Sources of Information, Primary research, Secondary research, Sampling, Basic methods of data collection. Examine Economic Co-operation Agreements, Trading blocks, Multinational Market Regions and Market Groups.	K3
CO4.	Understand the stages of economic development with features in order to know required markets and making business decision. Discuss the	K4

	International Market Selection, Segmentation , Market Selection Process , Strategies ,International Marketing	
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Mapping with Programme 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

Syllabus

SEMESTER I -ALLIED PAPER II - INTERNATIONAL MARKETING ES22A02

Unit I : 18 hrs.

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

Unit II : 17 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- Evaluation of Trade Theories

Unit III : 17 hrs.

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

Unit IV : 17 hrs

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

Unit V : 17 hrs

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

TEXT BOOK

1.Philip R. Cateora, John L. Graham, R.Bruce Money, Mary C.Gilly	International Marketing	Mc-Graw Hill, New Delhi.	2019
2. Natarajan L	International Marketing	Margam Publishers, Chennai	2015

REFERENCE BOOKS

1. Francis Cherunilam	International Marketing	Himalaya Publishing House, Mumbai	2016
2.Srinivasan.R	International Marketing	Prentice Hall of India, New Delhi	2016
3. Varshney RL B.Bhattacharyya	International Marketing Management	Sultan Chand Publishers, New Delhi.	2012

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

Course Designers:

- 1.Dr.C.Athena, Associate Prof. Dept. of Economics
- 2.Mrs. N.V.Kavitha, Asst. Prof., Dept. of Economics.

SEMESTER – I - FOUNDATION COURSE

Course Number	Course Name	Category	L	T	P	Credit
NME261ES	Introduction to Entrepreneurship		26	4	-	2

Unit 1:(5 hrs)

Nature of Entrepreneurship: **(3 hrs)**

Meaning – Definition – Need of Entrepreneurship - Characteristics of Entrepreneurship - Importance of Entrepreneurship to the nation.

Activity: Assignment, Interaction **(2 hrs)**

Unit 2: (6 hrs)

Role of Entrepreneur **(4 hrs)**

Factors Influencing Entrepreneurship – Functions of Entrepreneurial Management – Barriers to Entrepreneurship - Pros and cons of Entrepreneurship.

Activity: Quiz / Role Play **(2 hrs)**

Unit 3: (6 hrs)

Business and Environment:

(4 hrs)

Types of Entrepreneurs - Styles of Entrepreneurs – Business Ethics and Social Responsibility of Business – Indian Business Environment.

Activity: 50 Rupees Venture

(2 hrs)

Unit 4: (6 hrs)

Creativity and Innovation:

(4 hrs)

Identification of Business – Preparation of Business plan – Significance of Business plan – Components of Business plan- Feasibility Study: (Innovative ideas for marketing)

Activity: Business Plan

(2 hrs)

Unit 5: (7 hrs)

(7 hrs)

Project:

- **Interface with Successful Entrepreneurs**
- **Role of Financial Institutions / Supporting Agencies.**

Note: Interface – 4 hrs

Presentation – 3 hrs

Reference Books

1. Entrepreneurial Development - Gupta CB & Srinivasan N P, Sultan Chand & Sons, 6th Edition, 2005
2. Projects - Planning, Analysis, Financing, Implementation & Review - Prasanna Chandra, Tata McGraw Hill Publishing Co. Ltd, New Delhi, 2006

Internal Pattern

CIA I and II – 50 Marks(2 hrs) Each - 100 marks Converted into	60 Marks
Activity(Quiz-5, Assignment-5, Business Plan-5, 50 Rs venture -5)	20 Marks
Project	20 Marks
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Total	- 100 Marks

Question paper pattern for CIA

Section- A (Paragraph answers-4 out of 6) 4x5=20marks

Section- B (Essay type-2 out of 3) 2x15=30marks

Total =50 marks

COURSE NUMBER	COURSE NAME	Category	L	T	P	Credit
ES22C03	MICRO ECONOMICS II	C	71	4	-	4

PREAMBLE

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

COURSE OUTCOMES

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

CLO Number	CO Statement	Knowledge Level
CLO1.	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
CLO2.	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
CLO3.	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
CLO4.	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 Outcomes

CLOs	PO1	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; L-low

Syllabus

CORE PAPER III -MICRO ECONOMICS II ES22C03

UNIT I : 13 Hrs

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

UNIT II : 14 Hrs

Monopoly- Definition-characteristics-Types-Causes of monopoly-price and output determination in short run and long run-measurement of monopoly power-Regulation of monopoly-price discrimination-forms-degrees-effects of price discrimination-dumping.

UNIT III : 14 Hrs

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

UNIT IV : 15 Hrs

Oligopoly-Meaning-Features-Classification-Price leadership-Types-Kinked demand curve- Reason for price rigidity-Duopoly- Edgeworth, Chamberlin - Cournot model.

UNIT V: 15 Hrs

Theory of factor pricing-marginal productivity-theory of factor pricing-rent-Ricardian theory of rent-Quasi rent-Modern theory of rent-Transfer earnings-Wages- Nominal and real wages- theory of wages-subsistence theory-wage fund theory-marginal productivity theory of wages-interest-gross and net interest- classical theory of interest-liquidity preference theory of interest-profit- gross profit-net profit-uncertainty theory of profit and innovation theory of profit.

TEXT BOOK	1.Sankaran S	Micro Economics	Margham Publications – Chennai	2014
	2.Jhingan M.L.	Micro Economics	Vrinda Publications(P)Ltd, Delhi	2015.
REFERENCE	1. Kaveri R. and others	Micro Economic Theory	S.Chand and Company Ltd , New Delhi.	2010
	2. Ahuja H.L.	Principles of Economics	S.Chand and Company Ltd , New Delhi.	2014
	3. Amitkumar Upadhyay	Principles of Economics	Vikas Publishing	2014

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

Course Designers

1. Dr. K.Renuka Associate Prof. Department of Economics
2. Dr.C.Athena Assistant Professor Department of Economics

COURSE NUMBER	COURSE NAME	Category	L	T	P	Credit
ES22C04	STATISTICS FOR ECONOMICS	C	71	04		5

PREAMBLE

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

COURSE OUTCOMES

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

CLO Number	CO Statement	Knowledge Level
CLO1.	Define the concepts of Statistics, „Statistics as Science or Art, Collection of Data, and Classification and tabulation of Data Average - Dispersion Inter Quartile – Mean Deviation – Standard Deviation – Co-efficient of Variation	K1
CLO2.	Understand the difference between Regression and Correlation, Methods - Graphic Method- Algebraic method- Experiments and events – Properties of binomial distribution Explain features of statistics – Importance-Functions- Mean – Median – Interquartile- coefficient of variation – methods of Dispersion- Role of 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- Mathematical expectation- Properties – conditions for normality	K4

Mapping with Programme Outcomes

CLOs	PO1	PLO2	PLO3	PLO4	PLO5
CO1.	S	S	S	S	S
CO2.	S	S	S	S	M
CO3.	S	S	S	S	S
CO4.	S	M	S	S	S

S- Strong; M-Medium; L-low

SYLLABUS

CORE PAPER V – STATISTICS FOR ECONOMICS ES22C04

UNIT I: 13 hrs

Statistics – Meaning , Definition ,Characteristics ,Statistics Science or Art , Importance , Functions , Limitations - Collection of Data , Meaning , Classification and tabulation of Data , Diagrammatic presentation , Meaning Types.

UNIT II: 14 hrs

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

UNIT III: 15hrs

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- Algebraic Method.

UNIT IV: 14hrs

Probability- Definition-Importance of concept of probability- Experiments and Events- Theorems of Probability- Addition Theorem- Multiplication Theorem- Conditional Probability- Bayes theorem- Mathematical expectation.

UNIT V: 15hrs

Theoretical Distribution- Binomial Distribution- Meaning- Properties- Importance-Applications of binomial distribution (simple problems)- Poisson Distribution- Meaning- Role of Poisson Distribution- Application(simple problems) Normal Distribution- Meaning- Importance- Properties- Conditions for normality- Area under normal curve.

TEXT BOOK	1.R.S.N.Pillai& Bhagavathi	Statistics	S Chand & Co. Ltd., New Delhi	2010
	2.Gupta S.P	Statistical methods	S.S.Chand Co Ltd., New Delhi	2016
REFERENCE BOOK	1. B.L.Agarwal	Basic Statistics	New age International private Ltd.	2013
	2. N.G.Das, J.K.Das	Business Mathematics and Statistics	MCGraw Hill Education	2017
	3.S.P.Gupta &M.P.Gupta	Business Statistics	Sultan chand & sons, New Delhi.	2014

25 percent of the Question Paper should contain Theory Questions

Course Designers:

1. Dr.MrsK.Renuka Associate Professor, Department of Economics
2. Dr.Mrs. C. Athena, Assistant Professor, Department of Economics

Course Number	Course Name	Category	L	T	P	Credit
ES22A03	ECONOMIC ANALYSIS	A	86	04		5

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 Outcomes

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

CLO NUMBER	CO 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, Schumpeters 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, theory of Interest – Keynes Liquidity preference, Least Cost Combination, Producer's equilibrium	K4

Mapping with Programme Outcomes

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

S- Strong; M-Medium; L-low

Syllabus

SEMESTER II -ALLIED PAPER- III- ECONOMIC ANALYSES22A03

UNIT I : 16 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 : 16 hrs.

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

UNIT III : 18 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.

UNIT IV :20 hrs.

Market–Meaning–Types – Equilibrium of the firm – Industry – Pricing under Perfect Competition – Monopoly – Price Discrimination – Pricing under Monopolistic Competition – Pricing under Oligopoly.

UNIT V : 16 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

1.Sankaran.S	Economic Analysis	Margham Publications, Chennai	2012
2.Robert Pindyck Daniel Rubinfeld	Micro Economics	Pearson Education	2017

REFERENCE BOOKS

Mas-Colell, Whinston, JerryR.Green	Micro Economic Theory	Oxford Publisher	2012
2. Varshini and Maheswari	Managerial Economics	Sultan Chand and Son's , New Delhi	2012
3.Dr. Vishwanath B.K	Principles of Economics	Chandra LokPrakshan, New Delhi	2013

Pedagogy: Lecture (Chalk & talk), group discussion, OHP, role play, Quiz.

Course Designers:

1. Dr.Mrs.K.Renuka Associate Professor, Department of Economics
2. Mrs.N.V.Kavitha, Assistant Professor, Department of Economics

Course Number	Course Name	Category	L	T	P	Credit
ES22A04	BASICS OF ECONOMETRICS	A	86	4		5

Preamble

To make the students to understand the basic concepts in Econometrics and to empirically verify economic relationships.

Course Outcomes

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

CLO Number	CO Statement	Knowledge Level
CLO1.	Define the concepts like econometric research- Economicstatistics - data hypothesis forecasting –linear function - trend value hetroscedasticity autocorrelation multicollinearity dummy variable dummy variable trap	K1
CLO2.	Explain the properties of estimators properties of OLS estimators – Distinguish between simple and multiple regression model - auto Correlation - hetroscedasticity- multicollinearity-OLS principles - uses of dummy variables	K2
CLO3	Explain the methodology of econometric research – validation of OLS estimation of a simple regression model – Dummy variable Trap Describe the significance of dummy variables, Autocorrelation, OLS Method, Heteroscedasticity	K3
CLO4	Examine the exponential functions - the functional forms of regression model testing the hypothesis trend values Analysis of variance – Multicollinearity- causes- consequences	K4

Mapping with Programme Outcomes

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

S- Strong; M-Medium; L-low

Syllabus

SEMESTER -II - ALLIED PAPER IV – BASICS OF ECONOMETRICS ES22A04

UNIT I : 18hrs.

Econometrics – Meaning – Scope – Basic concepts-Theoretical econometrics – Applied econometrics – Methodology of Econometric research.

UNIT II : 16 hrs.

Simple Linear Regression model – Assumptions – OLS principles –Properties of OLS estimators (without proof).

UNIT III : 18 hrs.

OLS estimation of a multiple regression model – Significance of the estimated parameters – Error Term

UNIT IV : 18 hrs.

Violation of OLS Assumptions – Heteroscedasticity – Autocorrelation – Multicollinearity: Meaning – Causes – Consequences-Measures. [Theory only]

UNIT V : 16 hrs.

Dummy variable –meaning-uses- significance-Dummy variable model- Dummy variable Trap.

TEXT BOOK

1.Damodar .N. Gujarati	Essentials of Econometric	McGraw Hill Book Co, New Delhi	2012
2. Christopher Dougherty	Introduction to Econometrics	Oxford University Press, New Delhi	2011

REFERENCE BOOKS

1. Koutsoyoannis. A	Theory of Econometrics	Macmillan, Great Britain.	2015
2. Maddala.G.S	Introduction to Econometrics	John Wiley & Sons Ltd, New York	2012
3.Navdeep kaur&Arul pragasams.shymala	Econometrics	Vishal publishing .co, New Delhi	2013

Pedagogy: Lecture (Chalk & talk), group discussion, OHP.

Course Designers:

- 1.Dr.Mrs.C.Athena, Associate Prof. Dept of Economics
2. Dr.S.PadmaAnnakamu Assistant Professor, Dept of Economics

COURSE NUMBER	COURSE NAME	CATEGORY	L	T	P	CREDIT
ES22A05	MONEY AND BANKING	A	86	04	-	5

PREAMBLE

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

COURSE OUTCOME

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

CLO Number	CO Statement	Knowledge Level
CLO1.	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	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 Outcomes

CLOs	PO1	PLO2	PLO3	PLO4	PLO5
CLO1.	S	S	S	S	S
CLO2.	S	M	S	S	S
CLO3.	S	S	S	S	S
CLO4.	S	S	S	S	S

S- Strong; M-Medium; L-low

Syllabus

SEMESTER II -ALLIED PAPER-V - MONEY AND BANKING ES22A05

UNIT I : 16 hrs.

Money – definition - Evolution Money – Kinds - Functions –Significance - Drawbacks of Money-- money in a Capitalist Economy and Socialist Economy – in a developing and mixed economy-circular flow of money.

UNIT II : 16 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.

UNIT III : 18 hrs.

Value of Money – Supply of Money –Different view 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 : 18 hrs.

Inflation –Meaning –Features –Causes – Impact - Types – Control monetary policy – Inflationary Gap – Deflation – Meaning -Causes – Control – Stagflation – Trade Cycle – Phases of Trade Cycle– Control.

UNIT V : 18 hrs.

History of Banking System - Commercial Banking – structure and functions - Role of Commercial Banks in Economic Development - Development Banking – features- structure of development banks in India - Central Banking - Functions of Central Bank – Recent Trends in Banking – Green Banking-Products of Green Banking.

TEXT BOOK

1. Jhingan M.L	MonetaryEconomics	Vrinda Publications Pvt. Ltd. , New Delhi	2010
2. Seth ML	Monetary Economics	Lakshmi Narayan, N.D.	2012

REFERENCE

1.R.R.Paul	Money Banking and International Trade	Kalyani Publisher	2018
2.Kavery.K U.K Sudha Nyaik and others	Monetary Economics	S.Chand and Company Ltd	2012
3.Dr.DD.Chaturvedi, VaibhavPuri	Money & Banking	Kitab Mahal Publisher	2018

Pedagogy: Lecture (Chalk & talk), group discussion, PPT, debate, role play.

Course Designers:

1.Dr.Mrs.C.Athena, Asst. Prof. Dept of Economics

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

PREAMBLE

COURSE NUMBER	COURSE NAME	Category	L	T	P	Credit
ES22C07	MATHEMATICAL METHODS	C	58	2		4

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

COURSE OUTCOMES

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

CO NUMBER	CO 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 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- Medium; L –Low

SYLLABUS

CORE PAPER VII - MATHEMATICAL METHODS – ES22C07

UNIT :12 hrs

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:11 hrs

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: 11 hrs

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:12 hrs

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: 12hrs

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

TEXT BOOK	Metha&Madnani	Mathematical Methods	Sultan Chand and Sons, New Delhi	2007
	2Agarwal .S	M athematical Methods	Sultan Chand and sons New Delhi	2010
REFERENCE	1.Allen R.G.D	Introduction to Mathematical Analysis for Economics	Prentice Hall of India, New Delhi	2002
	2.Bose.D	Mathematical Methods	Vrinda Publications, New Delhi	2004
	3Chandhury .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	COURSENAME	Category	L	T	P	Credit
ES22C06	HISTORY OF ECONOMIC THOUGHT	C	58	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 OUTCOMES

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

CO Number	CO 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 bankrun.	K4

Mapping with Programme Outcomes

COs	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; L-Low

SYLLABUS

CORE PAPER – HISTORY OF ECONOMIC THOUGHT

UNIT I: 12 hrs

Ancient Economic Thought -Nature, significance and approaches of the History of Economic Thought – Greek – **Mercantilism** - Factors that gave rise to Mercantilism - Neo-mercantilism Physiocrats - Factors that gave rise to Physiocracy.

UNIT II: 11 hrs

Classical school - Economic Concepts of Adam Smith – **David Ricardo**, T.R.Malthus, J.S.Mill- Essential ideas of Historical School.

UNIT III: 11 hrs

Main ideas of Marginal School - Principles of the Austrian School –Carl Menger - Frederich Von Wieser-Bohn Bawerk -**Karl Marx** – Theory of surplus value.

UNIT IV: 13 hrs

Modern Economic Thought – Essential ideas of Institutionalism – ThorsteinBinde Veblen -J.R. Hicks-**J.M.Keynes** -Welfare Economics – A.C. Pigou – **Paretian welfare Economics** -Diamond Dybvig.

UNIT V: 11 hrs

Indian Economic Thought – Arthashastra -Economic ideas of Thiruvalluvar- D.Naoroji –Ranade – **M.K.Gandhi**– **Ambedkar** -V.K.R.V.Rao - Amartya Sen.

TEXT BOOK	1.S.K.Srinivasan	History of Economic Thought	S Chand & Co. Ltd., New Delhi	2009
	2. V..Loganathan	Economic Thought	S.Chand Co. Ltd., New Delhi	2015
REFERENCE	1.S.Sankaran	Economic Thought	Margham Publication, Chennai	2015
	2.H.L. .Bhatia	A History of Economic Thought	VikasPublishing House pvt ltd, Chennai	2009.
	3.T.N.Hajela	History of Economic Thought	Ane Books pvt.Ltd, NewDelhi.	2008

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
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ES22A06	DEMOGRAPHY	A	88	02	-	5
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PREAMBLE

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

COURSE OUTCOME

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

CO NUMBER	CO Statement	Knowledge level
CLO1	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 Outcomes

COs	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; L –Low

UNIT I: 16 hrs

Introduction to Demography: – 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: 18 hrs

Theories of population: - **Malthusian Theory - Optimum Theory**– 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 - Karl Marx’s theory of surplus population - Leibenstein’s Motivational theory of population - **The theory of demographic transition.**

UNIT III: 20 hrs

Determinants of Population Growth: 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 – **Brain Drain – Causes and Remedies.**

UNIT IV: 16 hrs

Population in India: Size – Growth Rate – **Sex Ratio – Density - Trends in India’s Population** -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: 18 hrs

Demographic Research: 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.

TEXT BOOK	Asha. Bhende&Tara Kanikar	Principles of Population Studies	Himalya Publishing House, New Delhi .	2005
	M. L. Jhingan, B. K. Bhatt, J.N. Desai	Demography	Vrinda Publications (P) Ltd, Delhi	2016
Reference Books	Srivatsava.S	Demography	Sultanchand son s private Ltd.NewDelhi	2001
	B.N. Ghosh	Population Economics	Meenalashi publication	2000

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

Course Designers:

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

COURSE NUMBER	COURSENAME	Category	L	T	P	Credit
ES22C07	MACRO ECONOMICS I	A	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 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 , calculate Marginal propensity to consume and Average propensity to consume, Use of Multiplier-Accelerator Interaction in Business cycle	K4

Mapping with Programme Outcomes

CL Os	PLO 1	PL O2	PL O3	PLO 4	PLO 5
CL O1.	S	S	S	S	S
CL O2.	S	S	M	S	S
CL O3.	S	S	S	S	S
CL O4.	S	M	S	S	S

S - Strong; M-Medium; L-low

SYLLABUS

CORE PAPER -MACRO ECONOMICS I ES22C07

UNIT:1 10hrs

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:2 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:3 11hrs

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

UNIT:4 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:5 14 hrs

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

TEXT BOOK

1.M.L.Jhingan	Macro EconomicTheory	Vrinda Publication Pvt Ltd, New Delhi.	2012
2.Kaveri& others	Macro Economics	Chand and chand publishers, New Delhi	2008

REFERENCE BOOKS

1.E Shapiro	Macro Economics	Galgotia Publications Pvt Ltd, New Delhi.	2000
2. N. Gregory Mankiw	Macro Economics	Worth Publishers Inc., U.S.	2006
3.S. Sankaran	Macro Economics	Margham Publications, Chennai.	2000

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

Course Designers:

1. Dr.K.Renuka, Associate Professor, Department of Economics
2. Dr.C.Athena, Assistant Professor, Department of Economics

COURSE NUMBER	COURSENAME	CATEGORY	L	T	P	CREDIT
ES22C08	PUBLIC FINANCE	C	58	2	-	4

Preamble

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

Course outcomes

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

CO Number	CO Statement	Knowledge Level
CLO1	Define the concepts of Public and Private Finance– Principle of Maximum Social Advantage. Public Goods - Private goods -Mixed 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	K2
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	K3,K4

Mapping with Programme Outcomes

CLOs	PL O1	PL O2	PL O3	PL O4	PL O5
CLO 1.	S	S	S	S	S
CLO 2.	S	M	S	S	S
CLO 3.	S	S	S	S	S
CLO 4.	S	S	S	S	S

S-Strong; M-Medium; L-Low

Syllabus

PUBLIC FINANCE – ES22C08

UNIT I : 12hrs

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

UNIT II: 11hrs

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.

UNIT III: 12hrs

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: 12hrs

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

UNIT V: 11 hrs

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

TEXT BOOK	Tyagi.B.P	Public Finance	JaiprakashNath and Company, Meerut	2016
REFERENCE	Bhatia.H.L	Public Finance	Vikas Publishing House Pvt Ltd	2020
	R. P.Musgrave P.B.Musgrave	Public Finance	Tata Mcgraw hill	2017
	Dr.M.Girija, Dr.U.K.SudhaNayak. R.Cauvery	Public Finance	S.Chand and Company, New Delhi.	2008

Pedagogy: Lecture (Chalk & talk), Group discussion, Visualization, Brainstorming, Debate, PPT.

Course Designers

1. Dr.K.Renuka, Associate Professor & HOD, Department of Economics
2. Dr.N.V.Kavitha, Assistant Professor, Department of Economics

COURSE NUMBER	COURSENAME	CATEGORY	L	T	P	CREDIT
ES22A07	RESEARCH METHODOLOGY	A	86	4	-	5

Preamble

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

Course outcomes

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

CO Number	CO 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,	K1
CLO3.	Differentiate Primary and secondary data, Distinguish the various methods of data collection.	K2
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	K3

Mapping with Programme Outcomes

CO s	P L O 1	P L O 2	P L O 3	P L O 4	P L O 5
CL O1.	S	S	S	S	M
CL O2.	S	S	S	M	M
CL O3.	S	S	M	M	M
CL O4.	S	S	S	S	M

S-Strong; M-Medium; L-Low

Unit I-18 hours

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

Unit II-18 hours

Research Design: Meaning – Need – Features – Concepts – Exploratory – Descriptive – Sampling - Need

– Concepts – Determination of sample size - Sampling Design – Meaning – 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 – Secondary data – Other methods

Unit IV-18 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-18 hours

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

TEXT BOOK	Kothari C R	Research Methodology – Methods and Techniques	New Age International Publishers, New Delhi	200 8
	R Meenakshi, M Girija, R Cauvery And U K SudhaNayak	Research Methodology	S. Chand, New Delhi	200 3
REFERENCE	Tripathi PC	A Textbook of Research Methodology	Sultan Chand & Sons	201 4
	Pannerselvam.R	Research Methodology	PHI Learning Pvt Ltd, Delhi	201 3
	Kenneth S.Bordens, Bruce B. Abbot	Research Design and Methods -A Process Approach	Tata McGraw, Hill Publishing	200 7

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

Course Designers:

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

2.Dr.S.Padma Annakamu, Assistant Professor, Department of Economics

COURSE NUMBER	COURSENAME	Category	L	T	P	Credit
ES22SBP1	Computer Applications in Economics I	C	15	-	30	2

Preamble

To enable the students acquire practical knowledge on using excel and entering data in data sheet and finding result for descriptive analysis and coefficient of determination

Course outcomes

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

CO Number	CO Statement	Knowledge Level
CLO1	Understand the working of Excel in worksheet.	K1
CLO2	Recall the formulas and functions	K2
CLO3	Compute charts and graphs, pivot tables and finding out the output for the analysis.	K3
CLO4	Analyzing the importance of data validation and visualisation	K3

Mapping with Programme Outcomes

CO s	P L O 1	P L O 2	P L O 3	P L O 4	P L O 5
CL O1.	S	S	S	S	M
CL O2.	S	S	S	M	M
CL O3.	S	S	M	M	M
CL O4.	S	S	S	S	M

S-Strong; M-Medium; L-Low

SYLLABUS

Computer Applications in Economics I

Unit I:

Introduction to MS EXCEL: Starting EXCEL- Create, open Workbook, Worksheet/Spreadsheet – Formatting cell and worksheet–Quick access tool bar – Customise Ribbon

Unit II:

Formulas & Functions: Working with Mathematical and statistical Function: sum, count, Average, Max, Min, Product, STDEV, FORECAST - Logical functions – AND, IF, OR, NOT, TRUE, FALSE – Lookup & Reference functions

Unit III:

Data visualisation: Working with Charts and Graphs – visualising Data using conditional Formatting – sorting and Filtering data

Unit IV:

Pivot Table: Understanding pivot Table – create Pivot table – Using slicer to filter pivot table reports - Understanding what-if Analysis – Understanding solver

Unit V:

Data Validation: Types of Validating data – setting criteria for data validation – common types – Importing data – Consolidating a worksheet

TEXT BOOK	Vikas Gupta	Business Accounting with MS Excel	Dream tech press	2015
References	Narayana.D, SharadRanjan and NupurTyagi	Basic computational Techniques for data analysis: An exploration in MS-Excel	Sage Publications, Delhi	2021
	John Walkenbach	Microsoft Excel 2016 Bible: The comprehensive tutorial resource	John Wiley and sons Inc.	2016

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

Course Designers

1. Dr.S.PadmaAnnakamu, Assistant Professor, Department of Economics
- 2.Dr.G.D.Jasmine Deporal, Assistant Professor, Department of Economics

JOB ORIENTED COURSE- JOB1903

Foundation Course for Civil Service Examination

PAPER I

- History of India and Indian National Movement - **12hours**
- Indian and World Geography – Physical, Social, Economic Geography of India and the World – **12hours**
- Indian Polity and Governance – Constitution, Political System, Panchayati Raj, Public Policy, Rights Issues, etc. – **14hours**
- Economic and Social Development Sustainable Development, Poverty, Inclusion, Demographics, Social Sector initiatives, etc. – **12hours**
- General issues on Environmental Ecology, Bio-diversity and Climate Change – that do not require subject specialization & General Science – **10hours**
 - o Current events of national and international importance*

*Currents affairs relating to the above topics will be covered in the respective subject classes.

Total no. of hours 60

Reference Books

SUBJECTS	BOOKS
GEOGRAPHY	Certificate Physical & Human Geography –Leong Atlas - Oxford & Orient Longman
	Indian & World Geography- MajjidHussain
HISTORY	Ancient India (Old NCERT) - Rakesh Sharma
	MedievalIndia(OldCERT)SathishChandra/TamilNadu 11th History Text book
	Medieval India (Old NCERT)- Sathish Chandra/ Tamil Nadu 11th History Text book
POLITY	Indian Polity- M. Lakshmikanth
	Introduction to the Constitution of India - DD Basu
ECONOMICS	Indian Economy (Key Concepts) – Shankar Ganesh
	Indian Economy - Ramesh Singh
ENVIRONMENT	IGNOU Material for Environment – ErachBharucha

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, Radcliffe 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
CLO1.	S	S	S	S
CLO2.	S	S	S	S
CLO3.	S	S	S	S
CLO4.	S	S	S	S

S- Strong

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 Radcliffe 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.N O.	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	M.L.Jhingan	Macro-Economic Theory	Vrinda Publication Pvt Ltd, New Delhi.	2006, 13 th ed
2	R.cauveri& others	Macro Economics	Chand and chand publishers, New Delhi	2012, 6 th ed
REFERENCE BOOKS				
S.N O.	AUTHOR S	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	E Shapiro	Macro Economics	Galgotia Publications Pvt Ltd, New Delhi.	1982, 5 th ed
2	M.C.Vaish	Macro Economics Theory	WishwaPrakasham , New Delhi.	2010, 14 th ed
3	S. Sankaran	Macro Economics	Margham Publications, Chennai.	1981, 2 nd ed

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

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
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	Define and understand what is International Economics, Free Trade, 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

UNIT I: 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

UNIT II: 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

UNIT III: 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

UNIT IV: 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.

UNIT V: 13hrs

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

TEXTBOOK				
S. N O.	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	Jhingan M.L	International Economics	Vrinda Publications Pvt Ltd, New Delhi	2016, 7 th ed
2	Thomas A Pugel	International Economics	MC Graw Hill Education	2020, 16 th ed
REFERENCE				
S. N O.	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	Francis Cheruniam	International Economics	Tata McGraw Hill Education (P) Ltd, New Delhi	2017, 5 th ed
2	Mannur H.G	International Economics	Vikas Publishing House, New Delhi	2018, 2 nd ed

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

Course Designers:

1. Dr.N.V.Kavitha, Assistant Professor, Department of Economics,
2. Dr.S.PadmaAnnakamu, Assistant Professor, Department of Economics

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	2021,4 th ed
<p>Related Online Contents :1.Introduction to Industry 4.0 and Industrial Internet of Things by Prof.SudipMishra,IITKharagpur.</p> <p>2. A Complete Guide to Industry 4.0-Udemy</p>				

Course Designers:

1.Dr.K.Renuka, Associate Prof. Dept. of Economics.

2.Dr. C.Athena, Asst. Prof., Dept. of Economics.

COURSE NUMBER	COURSENAME	Category	L	T	P	Credit
ES22E01	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 - TIIC, SIDCO, SIPCOT, Industrial Estate, DIC, EPZ, SPZ, SEZ (Export Processing Zone, Special Processing Zone, Special Economic Zone) - Rural - Urban Education, Health, Banking, Power, Transport and Communication - Transport: Road, Rail, Air and Sea - 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.N O.	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.N O.	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	Dr.S.Perumalswamy.	Tamil Nadu Economy	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, Associate Professor, Department of Economics
2. Dr.C.Athena, Assistant Professor, Department of Economics

COURSE NUMBER	COURSENAME	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.N O.	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.N O.	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, Associate Professor, Department of Economics
2. Dr.C.Athena, Assistant Professor, Department of Economics

COURS E NUMBE R	COURSENAME	Categor y	L	T	P	Cre dit
ES22AC 1	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 Numb er	CLO Statement	Knowled ge 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 for credit, 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 – Educational and Health Infrastructure Housing and Sanitation - Drinking Water Supply – 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.N O.	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITIO N
1	SatyaSundaram,I	Rural Development,	Himalaya Publishing House, New Delhi.	1999
2	Gupta.K.R.(Ed)	Rural Development in India	Atlantic Publishers and Distributors, NewDelhi	2008
REFERENCE BOOKS				
S.N O.	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITI ON
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, 2 nd ed

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

Course Designers:

1. Dr. K. Renuka, Associate Professor, Department of Economics
2. Dr.C.Athena, Assistant Professor, Department of Economics

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, characteristics of Migratory labour, nature of migration.	K1
CLO2	Differentiate between Real wage and Money Wage, Agricultural Labour and Industrial Labour, Social Insurance and commercial Insurance	K2
CLO3	Understand the causes of migration, the Structure of Trade union, Factors determining labour supply and demand, Functions of Trade union	K3
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.	K4

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.N O.	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.N O.	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, 2 nd ed

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
ES22SBP 2	COMPUTER APPLICATION IN ECONOMICS – II	PRACTICAL		2	43	3

Preamble

To enable the student understand and apply the advance statistical tools in spss for solving economic problems and in their research work

Course outcomes

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

CLO Number	CLO Statement	Knowledge Level
CLO1.	Define ANOVA: Basic Principles, Assumptions, Techniques of analysis of variance, One Way Classification	K1
CLO2.	Understanding the concept Regression, time series, forecasting, growth rate, Non parametric test like Chi Square Test, Goodness of Fit, Purpose	K2
CLO3.	Analyse Chi-Square Test, Computation and Interpretation of results	K3
CLO4.	Examine time series forecasting and growth rates and interpret the output	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

COMPUTER APPLICATION IN ECONOMICS II

Objectives:

To provide the students a basic knowledge about the application of statistical tools in solving economic problems.

Unit I 9Hrs

Introduction to software –Define variables – Listing Data – Saving data – Transformation.

Unit II 8Hrs

Descriptive statistics: Mean –Range- Standard Deviation – Variance – Skewness – Kurtosis - Computation & Interpretation.

Unit III 9Hrs

Inferential statistics – one sample t-Tests - ANOVA: Basic Principles – One Way – Chi Square Test –Purpose - Computation – Interpretation.

Unit IV 8Hrs

Correlation – Meaning – Scatter Diagram – bivariate Correlation – Crosstabs - Computation – Interpretation.

Unit V 9 hrs

Linear Regression: Meaning - Computation of Regression Model – Interpretation - Factor Analysis – Reliability

TEXT BOOKS				
S.N O	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	Dhanasekaran K	Computer Applications in Economics	Vrinda Publications (P) Ltd, Delhi	2010
2	Chandran J	Manual for GNU PSPP version 1.6.2-g78a33a, software for statistical analysis	Free Software Foundation Inc	2020
REFERENCE BOOK				
S.N O.	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	Rajathi A and Chandran P	SPSS for you	MJP Publishers, Chennai	2011, 10th ed
2	Kamal Heideri, Hamad E.Hashemi	SPSS: The Basics	Create space independent publication	2015

Pedagogy: Lecture (Chalk & talk), PPT presentation

Course Designers:

- 1.Dr.S.Padma Annakamu, Assistant Professor, Department of Economics
- 2.Dr.G.D.Jasminedeporal,AssistantProfessor, Department of Economics

COURSE CODE	COURSE TITLE	Category	L	T	P	Credit
ES21C12	MONETARY ECONOMICS	THEORY	73	2	-	3

PREAMBLE

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

COURSE LEARNING OUTCOMES

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

CLO Number	CLO Statement	Knowledge Level
CLO 1	Define various concepts of monetary economics like money value, fiat money, near money, credit money, monetary standard, inflation, inflationary gap, deflation, stagflation- Trade cycle, Innovative Banking – ATM – Teller System – Credit and Debit Card – Factoring Services	K1
CLO 2	Explain the merits and demerits of Mono-metallism, Bi-metallism, Paper currency standard -types of inflation, causes, consequences of inflation and deflation, reasons for Inflationary gap, the role of money in a modern economy, functions of commercial bank, functions of central bank	K2
CLO 3	Analyse the role of money in a capitalistic society, importance of money in a modern economy, the determinants of Money supply ,the principles and methods of note issue, the phases of trade cycles.	K3
CLO 4	Examine Fisher’s Quantity theory of Money, Cambridge version of Quantity Theory, Keynes Income theory, Government measures to control inflation, methods of credit control and role of banks in development process	K4

Mapping with Programme Learning Outcomes

CLOs	PLO1	PLO2	PLO3	PLO4
CLO 1	S	S	S	S
CLO 2	S	S	S	S
CLO 3	S	S	S	S
CLO 4	S	S	S	S

S- Strong

MONETARY ECONOMICS – ES21C12

UNIT I : 13 hours

Monetary Economics – 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

Monetary Standard–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

Value of Money – 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

Inflation –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 OF THE BOOK	PUBLISHER	YEAR & EDITION
1	Jhingan M.L	Monetary Economics	Vrinda Publications Pvt. Ltd. , New Delhi	2010, 7 th ed
2	Seth ML	Monetary Economics	Lakshmi Narayan, N.D.	2012, 2 nd ed
REFERENCE BOOKS				
S.NO	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	Ghosh.B.N and Rama Ghosh	Fundamentals of Monetary Economics	Himalaya Publishing House, Bombay	2024, 3 rd ed
2	Kavery.K U.K Sudha Nyaik and others	Monetary Economics	S.Chand and Company Ltd	2012, 2 nd ed
3	R R Paul	Monetary Economics	Kalyani Publishers	2018, 12 th 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 CODE	COURSE TITLE	Category	L	T	P	Credit
ES22C13	ENVIRONMENTAL ECONOMICS	THEORY	73	2	-	3

PREAMBLE

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

COURSE LEARNING OUTCOMES

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

CLO Number	CLO Statement	Knowledge Level
CLO1	Remember the basic concepts and apply the theories of environmental economics to analyze and address market failures, externalities, and inefficiencies in imperfect markets	K1
CLO2	Understand and apply principles of sustainable development, preservation and conservation of natural resources, fiscal techniques international climate agreements, environmental education, and environmental laws and policies.	K2
CLO3	Analyze and evaluate the complex relationship between economic growth and the environment, including the concept of zero economic growth.	K3
CLO4	Analyze and evaluate the integration of conservation and development principles in the context of 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 - ES22C13

Unit I: 13hrs

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: 15hrs

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: 16hrs

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

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

Course Designers:

3. Dr.N.V.Kavitha
4. Dr.S.Padma Annakamu

COURSE CODE	COURSE TITLE	Category	L	T	P	Credit
ES22C14	INTRODUCTION TO ECONOMETRICS	THEORY	73	2	-	3

PREAMBLE

To make the students to understand the knowledge of econometrics for better application of economic data.

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 like econometrics, statistics, dummy variable, stationery and non-stationery, list out the goals of econometrics, simple linear regression model, multiple regression model, assumptions and limitations of the linear stochastic regression model.	K ₁
CLO2	Identify the regression through the origin, multicollinearity, heteroscedasticity, autocorrelation, simultaneous equation bias, Hausman test, difference between mathematical economics and econometrics, steps involved in econometric research	K ₂
CLO3	Estimation of functional forms of regression model, causes for heteroscedasticity, difference between simple correlation and sources of auto correlation, predict using time Series, unit root, cointegration	K ₃
CLO4	Analyse the variables used in model, Gauss markov theorem, Goodness of fit, consequences of violating assumptions of OLS, Factor analysis, Simultaneous equation methods Structural and Reduced Forms, Recursive models, Two Stage Least Square	K ₄

Mapping with Programme Learning Outcomes

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

S- Strong; M-Medium

INTRODUCTION TO ECONOMETRICS - ES22C14

UNIT I: 13 hrs.

Introduction – Definition and Scope – Relationship between Economic Theory – Mathematics and Econometrics – Methodology of Econometrics

UNIT II: 16 hrs.

Classical Linear Regression Model – Assumptions – stochastic term – properties of estimators – Gauss Markov theorem- Multiple Linear Regression Model –estimation of parameters –Goodness of Fit – R^2 and adjusted R^2 – Testing of estimators, ANOVA - Functional forms of Regression Model - Regression through origin

UNIT III: 15 hrs.

Relaxing the assumptions: Autocorrelation –Heteroscedasticity – Multicollinearity – causes-consequences- Detection- Remedies

UNIT IV: 16 hrs.

Simultaneous equation: Simultaneous Equation Bias - Hausman test - Problem of identification: Structural and Reduced Forms. Recursive models, Two Stage Least Square method.

UNIT V: 13 hrs.

Time Series: Stationery Process - Non-stationery: Random Walk Models - Unit root Test – Cointegration – Forecasting.

TEXT BOOK				
S.NO	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	Damodar .N. Gujarati	Basic Econometrics	McGraw Hill Book Co, New Delhi	2020, 6 th ed
2	K.Dhanasekaran	Econometrics	Vrinda Publications	2014, 2 nd ed
REFERENCE BOOK				
S.NO	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	Koutsoyoannis. A	Theory of Econometrics	Macmillan, Great Britain.	2001, 2 nd ed
2	Maddala.G.S	Introduction to Econometrics	John Wiley & Sons Ltd, New York	2012, 3 rd ed
3	Navdeep kaur & shyamala	A textbook on Econometrics	Vishal publishing .co, New Delhi	2023, 2 nd ed
Pedagogy: Lecture (Chalk & talk), group discussion				

Course Designers:

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

COURSE CODE	COURSE NAME	Category	L	T	P	Credit
ES21C15	DATA SCIENCE FOR ECONOMICS	Theory	88	2	-	4

Preamble

This course introduces the concepts of programming in Python and also provides various steps involved in the data science process.

Course Learning Outcomes

On successful completion of the course, the 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	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	M	S	S	S

S-Strong;M-Medium

DATA SCIENCE FOR ECONOMICS ES21C15

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 Smoothing

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, 1 st ed
2	Joel grus	Data Science from Scratch	O'Reilly	2019, 2 nd ed

Reference Books

S. No	Author	Title of the Book	Publisher	Year
1	Eric Matthes	Python crash course	William Pollock	2023, 3 rd ed
2	Zed Shaw	Learn Python the Hard Way	Addition Wesley	2024, 5 th ed
3	Davy Cielen Arno D. B. Meysman Mohamed Ali	Introducing Data Science	Manning Publications co	2016, 1 st ed

Pedagogy: Lectures, Group Discussions, Demonstrations, Case studies

Course Designers:

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

COURSE CODE	COURSE TITLE	Category	L	T	P	Credit
ES21E03	Economics in Farm Management	THEORY	8 8	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.

COURSE LEARNING OUTCOMES

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

CLO Number	CLO Statement	Knowledge Level
CLO1	To know meaning, nature, scope and significance of farm management economics, Farming systems, types, concepts and development of organic farming – need, types, benefits of organic farming, Production function	K1
CLO2	To distinguish various Cost Concepts- Iso-Cost Lines –Least Cost combination, concepts of Regulated, Cooperative, Unregulated- Characteristics-Market channels for farm products - Measures	K2
CLO3	Determination of optimal levels of production, Linear Production Function using Graphical Method, Methods of demand forecasting - Technical relationships - steps involved in demand forecasting – determinants of demand forecasting	K3
CLO4	Analyze the Cost of Cultivation, Cost of Production, Break-even analysis - Pricing of farm products using seasonal price index - Trend Projection, Simple Arithmetic Method, Algebraic Method & Graphic Method	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 Hours

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 Hours

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 Hours

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 Hours

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 Hours

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

TEXT BOOK				
S.N O.	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	V T Raju and D.V.S.Rao	Economics of Farm production and management	Oxford & IBH Publishing co.pvt Ltd	2017, 1 st ed
2	S.S. Johl& Kapoor-	Fundamentals Farm Business	Kalyani Publishers	2015, 2 nd ed
REFERENCE BOOK				
S.N O.	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	Kent D.Olson	Farm Management Principles and strategies	Wiley Publishers	2010, 1 st ed

1. Production Economics and Farm Management – ICARE-Course
2. Horti-Business Management -Dr. S.D.Siva Kumar & Mr. Ramesha Y.S.www.agrimoon.com

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

Course Designers:

3. Dr. K. Renuka
4. Dr.C.Athena

COURSE CODE	COURSE TITLE	Category	L	T	P	Credit
ES21E04	OPERATIONS RESEARCH	THEORY	88	2		5

PREAMBLE

1. To introduce students to the techniques of operations research
2. To provide students with basic skills and knowledge of operations research and its Application in industry

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, purpose, and tools of Operations Research, significant role of operation research Know the various techniques of operations research	K1
CLO2	Explain the Applications of Operations Research – Limitations of Operation Research	K2
CLO3	Describe the Stages of Operations Research Formulate operation research models to solve real life problem	K3
CLO4	Analyse Proficiently allocate scarce resources to optimize and maximize profit, time estimation in network analysis, Earliest Finish, Latest Finish ,Critical Path, Programming Evaluation Review Technique	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

OPERATIONS RESEARCH ES21E04

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 certainty – conditions of Uncertainty – 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 BOOK				
S.NO.	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	Kanti Swarup P.K Gupta & Man Mohan	Problems in Operations Research (Methods and Solution)	Sultan Chand and Sons, New Delhi	2017, 2 nd ed
2	Hamdy Taha	Operations Research	Pearson	2019, 10 th ed
REFERENCE BOOK				
S.NO.	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	Paneerselvam. R	Operations Research	Prentice Hall India	2016, 2 nd ed
2	Sundaresan, K.S.Ganapathy, Subramaian	Resource Management Techniques in OR	A.R. Publications, NagapattinamDt, TamilNadu	2018, 1 st ed
3	PK Gupta	Operations Research	SChand	1976, 5 th ed

25 Percent of the Question Paper should contain Theory Questions

Course Designers:

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

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

Preamble

To impart knowledge on concepts of urban economics, urbanisation and understand the axioms of urban 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 urbanisation, local government, economic growth, urban growth and locational equilibrium, Zero Economic Profit, City Size and list out the reasons for existence of cities, externalities.	K1
CLO2	Discuss the axioms of Urban Economics, understand the market forces in the development of cities, relation between Region-wide Innovation and Income, Human Capital and Economic Growth, differentiate Extreme Outcomes – labour market	K2
CLO3	Examine the reasons for the existence of Cities – industrial revolution and factory cities - reasons for firms Cluster-- Urban Growth - regional innovation and income - Equilibrium vs optimum.	K3
CLO4	Analyse the benefits and costs of bigger cities –narrate the locational equilibrium, land rent, and utility within a City-elaborate the role of local Governments-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

ALC - URBAN ECONOMY ES22AC3

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 Tiebout model and the property tax – Recent programs initiated by government.

TEXT BOOK

S.NO	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	O’Sullivan	Urban Economics	Tata Mc-Graw Hill, New Delhi.	2018, 9 th ed
2	Edwin S,Mills	Urban Economics	Pearson	1997, 5 th ed
1	REFERENCE Bruce Stiftel Vanessa Watson	Dailogues in Urban and Regional Planning	Routledge	2005, 2 nd ed

Course Designers:

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

COURSE CODE	COURSENAME	Category	L	T	P	Cre dit
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 exportcontract
- Appreciate the export promotion measures ,and the role indian council of arbitration and international chamber of commerce and cargoinsurance

Course Learning outcomes

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

CLO Number	CLO Statement	Knowledge Level
CLO1	Define Export, International Marketing, Sales Promotion, Export Documents, Containerization, Cargo clearance, methods of payments	K1
CLO2	Differentiate Domestic and International market, Classification of World Market, Domestic and Foreign Advertising, Marketing Strategies, Commercial and Regulatory Documents, Characteristics of shipping industries	K2
CLO3	Explain Scope of International Marketing, Export Procedure, Post Shipment Procedures, Importance of Sales Promotion Activities, role of bank in EXIM transactions, Functions of Special Economic Zones	K3
CLO4	Examine the method of short listing foreign markets, analyse data required in approaching foreign markets, factors influencing sales promotional activities, Need for Export Contract, 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 ES21AC4

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 (Sourcing 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				
1	Kushpat Jain	Foreign Trade	Himalaya Publishing House	2017, 1 st ed
2	Jeevanandam.C	Foreign exchange and risk management	Sultan Chand & Sons	2016, 1 st ed.
REFERENCE				
1	T.A.S.Balagopal	Export Management	Himalaya Publishing House	2014, 22 nd ed
2	Paras Ram	Export-What, Where, How	Anupam Publishing House	1977, 3 rd ed
3	Francis Cherunilam	International Trade and Export Management	Himalaya Publishing House	2019 . 21 st ed

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

Course Designers:

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

COURSE CODE	COURSENAME	Category	L	T	P	Credit
ES22SBP3	Tally	Practical		4	41	3

PREAMBLE

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

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 – ES22SBP3

Objectives:

To provide the students a basic knowledge about the application of Tally

Practical Exercises:

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	Tally (Ver 9)	C Nellai Kannan Nels Publication	2008
	Tally ERP 9 in Simple steps	Kogent Learning Solutions Inc	2013

Pedagogy: Lecture (Chalk & talk), PPT presentation

Course Designers:

1.Dr.C.Athena