



PSGR
Krishnammal College for Women



DEPARTMENT OF ECONOMICS (AIDED)

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

BACHELOR IN ECONOMICS

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 2023-26 Batch

Semester	Part	Subject Code	Title of the Paper		Instruction Hours / Week	Instruction Hours / Sem	Tutorial	Duration of Examination	Examination Marks			Credits
									CIA	E S E	Total	
I	I	TAM2301/ HIN2301/ FRE2301	Language Paper I Tamil/Hindi/French	Lang	6	88	2	3	25	75	100	3
		ENG2301	English Paper I	Eng	6	88	2	3	25	75	100	3
	III	ES23C01 ES23C02	Group A - Core Micro Economics- I Indian Economy	CC CC	5 5	73 73	2 2	3 3	25 25	75 75	100 100	4 4
		EG23A01/ HI23A01	Group B - Allied Paper I English through classics I Principles of Modern Government	GE	6	88	2	3	25	75	100	4
		ES23A01/ ES23A02	Indian Economic Development International Marketing	GE	5	73	2	3	25	75	100	4
	IV	NME23B1/ NME23A1	Basic Tamil I/ Advanced Tamil I/	SEC	2	28	2		100		100	2
		NME23ES	Introduction to Entrepreneurship	SEC	2	30	-	-	100		100	2
II	I	TAM2302/ HIN2302/ FRE2302	Language Paper II Tamil/Hindi/French	Lang	6	88	2	3	25	75	100	3
	II	ENG2302	English Paper II	English	5	73	2	3	25	75	100	3
	III	ES23C03 ES23C04	Core Micro Economics II Statistics for Economics	CC CC	6 5	88 73	2 2	3 3	25 25	75 75	100 100	4 5

	III	EG23A02/ HI23A02	Allied (Optional papers) English Through Classics/ Indian Constitution	GE	6	88	2	3	25	75	100	5
	IV	NME23B2/ NME23A2	**Basic Tamil II/ Advance Tamil II	AEC	2	--	--	--	100	--	100	Gr
	IV	23PEAS1	Professional English for Arts and Social Sciences	AEC	2	25	5	-	100	-	100	2
	IV		On-line course	AEC	Self Study online							
	VI	NM23GAW	General Awareness	AEC	Self Study	--	--	Online Exam	100	--	100	Gr.
III	I	TAM2303A / HIN2303A / FRE2303A	Language Paper III Tamil/Hindi/French	L	6	88	2	3	25	75	100	3
	II	ENG2303A	English Paper III	E	5	73	2	3	25	75	100	3
	III	ES23C05	Group A – Core Mathematical Methods	CC	4	58	2	3	25	75	100	4
		ES23C06	History of Economic Thought	CC	5	73	2	3	25	75	100	4
	III	EG23A03/ BB23A03/ HI23A03/ ES23A06	Group B - Allied Paper II Cluster Writing for the media / Income Tax / Indian Geography / Demography	GE	5	73	2	3	25	75	100	4
	III/ IV	ES23SCE1/ CS23SBGP	Coursera – Fintech & Computational thinking / Skill Based Subject - GEN- AI	SEC	3	45/41	-/4	-	100	-	100	3
	IV	NM22UHR	Universal Human Values and Human Rights#	AEC	-	-	-	-	100	-	100	Gr
	IV	NM22DTG	Design Thinking	AEC	2	30	-	-	100	-	100	2
I - V	VI	16BONL1 16BONL2	Online Course 1 Online Course 2	ACC	-	-	-	-	-	-	-	-

	VI	JOB2203	Job Oriented Course – Foundation Course on Civil Service Examination		--	60	--	--				--	Gr
IV	I	TAM2304/ HIN2304/ FRE2304	Tamil Paper IV Hindi Paper IV French Paper IV	L	6	88	2	3	25	75	100	3	
	II	ENG2304	English Paper IV	E	5	73	2	3	25	75	100	3	
	III	ES23C07	Macro Economics I	CC	4	58	2	3	25	75	100	4	
		ES23C08	Public Finance	CC	5	73	2	3	25	75	100	4	
	III	EG23A04/ HI23A04 / ES23A07	English for Competitive Examination/ Indian Culture & Heritage / Research Methodology	GE	5	73	2	3	25	75	100	4	
	III/ V	ES23SCE1/CS 23SBGP	Business Infonomics / GEN- AI	SEC	3	45	-	-	100	-	100	3	
	IV	NM23EII	Entrepreneurship and Innovation (Ignite X)	AECC	2	30	-	-	100	-	100	2	
		NM23EVS	Environmental Studies	AECC	SS	-	-	-	100	-	100	Gr	
	IV	COCOACT	Co-curricular Activities	GC			-	-	100	-	100	1	
I - V	IV	COM15SER	Community Service 30 Hours	GC	-	-	-	-	-	-	-	-	
	VI	16BONL1 16BONL2	Online Course 1 Online Course 2	ACC	-	-	-	-	-	-	-	-	

** Outside class hours

**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
ES23C01	Micro Economics I	C	73	2	-	4

PREAMBLE

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

COURSE 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.	Analyse Economics and dynamics, exception of law of demand- factors affecting supply- scale of production- short run and long run production function - Marginal rate of technical substitution, short run and long run cost curves	K3

CLO4.	Examine law of diminishing marginal utility, law of equi marginal utility, law of supply, law of Variable Proportion, Returns to scale, Cobb-Douglas production function, Importance of Economics as science and art, consumer surplus- Revealed preference theory- Elasticity of demand-Measurement- Production functionCES linear production function, Types of cost- Relationship between AR and MR	K4
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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

Unit I- Introduction:14 hrs

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

Unit II- Consumer Behavior:16 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:16 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:14 hrs

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.Renuka Associate Prof, Department of Economics

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

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

PREAMBLE

To introduce the student 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.	Analyse 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.	Examine 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

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 Economic 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:18 hrs

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: 13 hrs

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: 14hrs

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

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
ES23A01	INDIAN ECONOMIC DEVELOPMENT	A	88	2		4

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, land reforms	K2
CLO3.	Illustrate major issues of development-Agricultural marketing – defects- Large scale industries-Government programmes to reduce unemployment- uses of National Income - measures, Role and problems of MSMEs, Need and problems of Foreign aid	K3
CLO4.	Discuss the Industrial policies 1948, 1956, 1991, Five year Plans, NITI Aayog, Measurement of national income- Difficulties in calculation - types of budget, Five year plans - current budget	K4

Mapping with Programme 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
ALLIED PAPER I – INDIAN ECONOMIC DEVELOPMENT

UNIT I: 14 hrs.

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

UNIT II: 18 hrs.

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

UNIT III: 15 hrs.

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

UNIT IV: 13 hrs.

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

UNIT V: 13 hrs.

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

TEXT BOOK

1.Sankaran.S	Indian Economy (Problems, Policies and Development	Margham Publications, Chennai.	2013
2.Datt &Sundharam's	Indian Economy	S.Chand Publishers, New Delhi	2022

REFERENCE BOOKS

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-Its development-experience	Himalaya Publishing Houses, Mumbai	2019

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

Course Designers:

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

Course Number	Course Name	Category	L	T	P	Credit
ES23A02	INTERNATIONAL MARKETING	A	7 3	2		4

PREAMBLE

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

COURSE OUTCOMES

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

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

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

ALLIED PAPER II - INTERNATIONAL MARKETING

Unit I: 17 hrs.

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

Unit II: 14 hrs

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

Unit III: 14 hrs.

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

Unit IV: 14 hrs

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

Unit V :14 hrs

Potential Market Assessment: International Market Selection – Segmentation – Data mining and market segmentation –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. Dr Shalini Agarwal	International Marketing	SahityaBhawan Publications, Agra	2021

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

COURSE NUMBER	COURSE NAME	Category	L	T	P	Credit
ES23C03	MICRO ECONOMICS II	C	88	2	-	4

PREAMBLE

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

COURSE 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	PLO 1	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 ES23C03

UNIT I : 16 Hrs

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

UNIT II : 16 Hrs

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

UNIT III : 20Hrs

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

UNIT IV : 16Hrs

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

UNIT V: 20Hrs

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

TEXT BOOK	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.& HOD, Department of Economics

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

COURSE NUMBER	COURSE NAME	Category	L	T	P	Credit
ES23C04	STATISTICS FOR ECONOMICS	C	73	2		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 ES23C04

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: 15hrs

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: 15 hrs

Correlation- Definition- significance- Types- Methods of studying correlation- Graphic Method- Mathematical method-Karl Pearson’s Co- efficient of Correlation-Spearman’s Rank Co-efficient of Correlation- Regression- Definition- Graphic method- Algebraic Method.

UNIT IV: 15 hrs

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
REFERENC E	1. B.L.Agarwal	Basic Statistics	New age International private Ltd.	2013

BOOK	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
ES23A03	ECONOMIC ANALYSIS	A	73	02		4

Preamble

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

Course 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, Schumpeter’s Profit theory, Dynamic Theory, Keynes Liquidity Preference theory	K3
CLO4.	Discuss the principles relevant to supply of goods and producer behaviour under various market structures, Law of Variable Proportions, Laws of Returns, Returns to Scale, Keynes Liquidity preference, Least Cost Combination, Producer’s equilibrium	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 ANALYSES23A03

UNIT I : 14 hrs.

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

UNIT II : 14 hrs.

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

UNIT III : 15 hrs.

Production – Factors of production – Production Function– Laws of Returns – Law of Variable Proportions – Isoquants- Returns to Scale – Economies and Diseconomies of Scale – Law of Supply – Cost and Revenue concepts and curves.

UNIT IV :15 hrs.

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

UNIT V : 15 hrs.

Distribution- Marginal Productivity Theory – Theories of Wages – subsistence theory- wage fund theory- Theories of Rent —Ricardian theory of rent-Quasi rent- Modern theory of rent- classical theory of interest- liquidity preference theory of interest-uncertainty theory of profit and innovation theory of profit.

TEXT BOOK

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

REFERENCE BOOKS

1.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
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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
ES23A04	MANAGERIAL ECONOMICS	Allied	73	2		4

Preamble

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

Course Outcomes

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

CLO NUMBER	CO STATEMENT	KNOWLEDGE LEVEL
CLO1.	Define and list out role and responsibilities of managerial Economist, Economic concepts like demand, cost, factors of production, perfect competition, monopoly, Price discrimination, monopolistic competition and Oligopoly, trade cycle.	K1
CLO2.	Understand nature and scope of Economics, determinants of break-even point, Price discrimination under monopolistic competition and oligopoly, Pricing and output determination under different market structure, objectives of firm	K2
CLO3.	Explain the economic indicators, Degrees of price discrimination, Determination of national income	K3

CLO4.	Examine the producer behaviour under various market structures, phases of business cycle, Fiscal and Monetary Policies to control business cycle, balance of payments	K4
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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

SEMESTER II -ALLIED PAPER- III- MANAGERIAL ECONOMICS ES23A04

Unit I

14 Hrs

Introduction

Nature and Scope of Managerial Economics - Meaning - Characteristics– Importance–Role and Responsibilities of Managerial Economist – Basic Economic concepts in Managerial Economics

Unit II

14 Hrs

Demand, Cost and Profit Analysis

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

Unit III

15 Hrs

Product Markets and Pricing

Product Markets -Determination of price under Different Markets – Market Structure – Perfect Competition – Monopoly – Monopolistic Competition – Duopoly - Oligopoly - Employment of Inputs Under Different Market Structures – Price Discrimination - Degrees of Price Discrimination.

Unit IV

15 Hrs

Economic Indicators

National Income Concepts – Determination of National Income - Issues and Challenges – Business Cycles – Phases – Management of Cyclical Fluctuations - Fiscal and Monetary Policies

Unit V

15 Hrs

Macro Economic Environment

Economic Transition in India – A quick Review - Liberalization, Privatization and Globalization – Business and Government - Public-Private Participation (PPP) - Industrial Finance - Foreign Direct Investment(FDIs) - Balance of Payments

TEXT BOOK

1.R.Cauvery, Dr.U.K. Sudha Nayak, Dr.M.Girija, Dr.R.Meenakshi	Managerial Economics	S.Chand Publishing	2010
2.Cris Lewis.W H.Craig Petersen	Managerial Economics	Prentice Hall	2018

REFERENCE BOOKS

1. M L Jhingan, J K Stephen	Managerial Economics	Vrinda Publications	2014
2. R.L.Varshney & K.L.Maheshwari	Managerial Economics	Sultan Chand and Son's , New Delhi	2012

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

Course Designers:

1. Dr.K.Renuka Associate Professor, Department of Economics
2. Dr.S.Padma Annakamu, Assistant Professor, Department of Economics

COURSE NUMBER	COURSE NAME	CATEGORY	L	T	P	CREDIT
ES23A05	MONEY AND BANKING	A	73	02	-	4

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 ES23A05

UNIT I : 14 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 : 15 hrs.

Monetary Standard–meaning – attributes of a good monetary standard - Types of Monetary standard – metallic standard - Monometalism – Bi -metalism – Gresham’s Law - Paper currency standard –special features-Merits and Demerits- Principles and Methods of Note Issue - Cryptocurrency.

UNIT III : 15 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 : 14 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 : 15 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	Monetary Economics	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

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

PREAMBLE

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

COURSE LEARNING OUTCOMES

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

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

Mapping with Learning Programme Outcomes

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

S – Strong; M- Medium

CORE PAPER V - MATHEMATICAL METHODS

UNIT :10hrs

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

UNIT II:12hrs

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

UNIT III: 12hrs

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

UNIT IV:10hrs

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

UNIT V: 14 hrs

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

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

25 percent of the Question Paper should contain Theory Questions

Course Designers:

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

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

COURSE NUMBER	COURSE NAME	Category	L	T	P	Credit
ES23C06	HISTORY OF ECONOMIC THOUGHT	THEORY	7 3	2	-	4

PREAMBLE

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

COURSE LEARNING OUTCOMES

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

CLO Number	CLO Statement	Knowledge Level
CLO1.	Recall the concepts of Mercantilism, Physiocracy, Laissez Faire, Division of Labour, invisible hand, class struggle, Dialectical materialism, Quasi-Rent, leisure class, Bread Labour, social optimum, Brain Drain.	K1
CLO2.	Understand the essential ideas of mercantilist, characteristics of Physiocrats, ideas of Adam Smith, Marxian ideas, Principles of Austrian School, thoughts of Ranade.	K2
CLO3.	Explain the approaches of History of Economic thought, factors gave rise to Physiocracy, Mercantilism, canons 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 Amartya Sen, diamond - dybvig theory of bank run.	K4

Mapping with Programme Learning Outcomes

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

S-Strong; M-Medium

CORE PAPER VI – HISTORY OF ECONOMIC THOUGHT

UNIT I: 11hrs

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

UNIT II: 11hrs

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

UNIT III: 15hrs

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

UNIT IV: 20hrs

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

UNIT V: 16hrs

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

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

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

Course Designers:

- 1.Dr. K. Renuka, Associate Professor, Department of Economics
- 2.Dr.S.PadmaAnnakamu, Assistant Professor, Department of Economics

COURSE NUMBER	COURSENAME	Category	L	T	P	Credit
ES23A06	DEMOGRAPHY	THEORY	7 3	2	-	4

PREAMBLE

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

COURSE LEARNING OUTCOME

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

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

Mapping with Programme Learning Outcomes

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

S-Strong; M- Medium

DEMOGRAPHY

UNIT I: 13hrs

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

UNIT II: 15hrs

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

UNIT III: 17hrs

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

UNIT IV: 13hrs

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

UNIT V: 15hrs

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

TEXT BOOK				
S.N O.	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITIO N
1	Asha. A Bhende & Tara Kanikar	Principles of Population Studies	Himalya Publishing House, New Delhi.	2023, 3 rd ed
2	M. L. Jhingan, B. K. Bhatt, J.N. Desai	Demography	Vrinda Publications (P) Ltd, Delhi	2016, 3 rd ed
REFERENCE BOOKS				
S.N O.	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITIO N
1	Srivatsava.S	Demography	Sultan chand sons private Ltd. NewDelhi	2005
2	B.N. Ghosh	Population Economics	Meenalashi publication	2000. 2 nd ed

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

Course Designers:

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

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

PREAMBLE

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

COURSE LEARNING OUTCOMES

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

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

Mapping with Programme Learning Outcomes

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

S – Strong; M- Medium

CORE PAPER -MACRO ECONOMICS I ES22C07**UNIT I: 10hrs**

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

UNIT II: 11 hrs

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

UNIT III: 11hrs

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

UNIT IV: 12hrs

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

UNIT V: 14 hrs

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

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

25 percent of the Question Paper should contain Theory Questions

Course Designers:

1.Dr.Mrs. K. Renuka

2.Dr.Mrs. C. Athena

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

PREAMBLE

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

COURSE LEARNING OUTCOMES

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

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

Mapping with Programme Learning Outcomes

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

S-Strong; M-Medium

CORE PAPER VI – PUBLIC FINANCE – ES23C08

UNIT I : 15 hrs

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

UNIT II: 16 hrs

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

UNIT III: 12 hrs

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

UNIT IV: 15hrs

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

UNIT V: 15 hrs

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

TEXT BOOK				
S.N O	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	Tyagi.B.P	Public Finance	Jaiprakash Nath and Company, Meerut	2016, 2 nd ed
2	Singh S.K,	Public Finance Theory and Practice	S Chand & company	2010, 2 nd ed
REFERENCE BOOK				
S.N O	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	Bhatia.H.L	Public Finance	Vikas Publishing House	2024, 33 rd ed
2	R. P.Musgrave P.B.Musgrave	Public Finance	Tata Mcgraw hill	2017, 5 th ed
3	Dr.M.Girija, Dr.U.K.Sudha Nayak. R.Cauvery	Public Finance	S.Chand and Company, New Delhi.	2008, 2 nd ed

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

Course Designers:

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

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

PREAMBLE

To make the students understand the basic skills of research and to provide an understanding about the nature and scope of research methodology.

To facilitate the students to apply the research skills in their research work

COURSE LEARNING OUTCOME

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

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

Mapping with Programme Learning Outcomes

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

S-Strong; M- Medium

RESEARCH METHODOLOGY ES23A07

Unit I-15 hours

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

Unit II-16 hours

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

Unit III-14 hours

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

Unit IV-15 hours

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

Unit V-13 hours

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

TEXT BOOK				
S.N O.	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	Kothari C R	Research Methodology – Methods and Techniques	New Age International Publishers, New Delhi	2023, 5 th ed
2	R Meenakshi, M Girija, R Cauvery And U K SudhaNayak	Research Methodology	S. Chand, New Delhi	2010, 2 nd ed
REFERENCE BOOKS				
S.N O.	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	Tripathi PC	A Textbook of Research Methodology	Sultan Chand & Sons	2014, 1 st ed
2	Pannerselvam.R	Research Methodology	PHI Learning Pvt Ltd, Delhi	2014, 2 nd ed
3	O.R.Krishnaswami, Ranganatham	Methodology of research in Social sciences	Himalaya Publishing house	2016, 1 st ed

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

Course Designers:

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

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

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