



**DEPARTMENT OF ECONOMICS (AIDED)**  
**CHOICE BASED CREDIT SYSTEM (CBCS) & LEARNING OUTCOMES –**  
**BASED CURRICULAR FRAMEWORK (LOCF)**

**BACHELOR OF ECONOMICS 2024-2027 Batch SYLLABUS AND SCHEME OF EXAMINATION**

Semester	Part	Subject Code	Title of the Paper	Course Type	Instruction Hours / Week	Instruction Hours / Sem	Tutorial	Duration of Examination	Examination Marks			Credits
									CIA	ESE	Total	
I	I	TAM2401A /HIN2401A/ FRE2401A	Language Paper I  Tamil/Hindi/French	L	6	88	2	3	25	75	100	3
	II	ENG2401A	English Paper I	E	6	88	2	3	25	75	100	3
	III	ES24C01	<b>Group A - Core</b> Micro Economics- I	CC	6	88	2	3	25	75	100	4
		ES24C02	Indian Economy	CC	5	73	2	3	25	75	100	4
		EG24A01/ HI24A01	<b>Group B –Allied Paper I</b> English through classics I/Indian Constitution	GE	5	73	2	3	25	75	100	4
	IV	NME23B 1/ NME23A 1	Basic Tamil I/ Advanced	AEC	2	28	2	-	100	-	100	2
II	I	NME23E S	Introduction to Entrepreneurship	AEC	2	30	-	-	100	-	100	3
	VI	24BONL1 24BONL2 24BONL3	Online Course - 1	ACC	-	-	-	-	-	-		

	III	ES23C03	Micro Economics-II	CC	6	88	2	3	25	75	100	4
		ES24C04	Statistics for Economics	CC	6	88	2	3	25	75	100	4
		EG24A02/ HI24A02	English through classics II/ Fundamentals of Political Science	GE	5	73	2	3	25	75	100	4
	IV	NME23B2/ NME23A2	Basic Tamil II/ Advance Tamil II	AEC	-	-	-	-	100	-	100	Gr

		NM24UHR	Universal Human Values and Human Rights	AEC C	2	30	-	-	100	-	100	2
	VI	NM23GAW	General Awareness	AEC	SS	--	--		100	--	100	Gr
		COM15SER	Community services 30 Hours	GC								
<b>I to V</b>	V I	24BONL1	Online Course 1	ACC	-	-	-	-	-	-		
		24BONL2	Online Course 2									
		24BONL3	Online Course 3									

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

<b>COURSE NUMBER</b>	<b>COURSE NAME</b>	<b>Category</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>Credit</b>
ES24C01	MICRO ECONOMICS I	THEORY	88	2	-	4

#### **PREAMBLE**

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

#### **COURSE LEARNING OUTCOMES**

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

<b>CLO Number</b>	<b>CLO Statement</b>	<b>Knowledge Level</b>
<b>CLO1.</b>	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
<b>CLO2.</b>	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
<b>CLO3.</b>	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
<b>CLO4.</b>	Examine law of diminishing marginal utility, law of equi marginal utility, law of supply, law of Variable Proportion, Returns to scale, Cobb-Douglas production function, Importance of Economics as science and art, consumer surplus- Revealed preference theory- Elasticity of demand- Measurement- Production function CES linear production function, Types of cost- Relationship between AR and MR	K4

#### **Mapping with Programme Learning Outcomes**

<b>CLOs</b>	<b>PLO1</b>	<b>PLO2</b>	<b>PLO3</b>	<b>PLO4</b>	<b>PLO5</b>
CLO1.	S	S	S	S	M
CLO2.	S	S	S	M	M
CLO3.	S	S	M	M	M
CLO4.	S	S	S	S	M

S- Strong; M-Medium

## **MICRO ECONOMICS I**

### **Unit I:**

**16 Hrs**

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

### **Unit II:**

**18 hrs**

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

### **Unit III:**

**18 hrs**

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

### **Unit IV:**

**18hrs**

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

### **Unit V:**

**18 hrs**

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

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

<b>COURSE NUMBER</b>	<b>COURSE NAME</b>	<b>Category</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>Credit</b>
ES24C02	INDIAN ECONOMY	THEORY	73	2	-	4

#### **PREAMBLE**

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

#### **COURSE LEARNING OUTCOMES**

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

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

#### **Mapping with Programme Learning Outcomes**

<b>CLOs</b>	<b>PLO1</b>	<b>PLO2</b>	<b>PLO3</b>	<b>PLO4</b>	<b>PLO5</b>
CLO1	S	S	S	S	S
CLO2	S	S	M	S	S
CLO3	S	S	S	S	S
CLO4	S	S	S	S	S

S- Strong; M-Medium

## **CORE PAPER II – INDIAN ECONOMY**

### **UNIT I :**

**14 hrs**

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

### **UNIT II:**

**15hrs**

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

### **UNIT III:**

**19hrs**

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

### **UNIT IV :**

**13hrs**

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

### **UNIT V :**

**12hrs**

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

<b>TEXT BOOK</b>				
<b>S.NO.</b>	<b>AUTHORS</b>	<b>TITLE OF THE BOOK</b>	<b>PUBLISHER</b>	<b>YEAR &amp; EDITION</b>
1	Sankaran.S	Indian Economy (Problems, Policies and Development)	Margham Publications, Chennai.	2019, 1st ed
2	Dutt &Ruddar	Indian Economy	S.Chand Publishers, New Delhi.	2015, 1st ed
<b>REFERENCE BOOK</b>				
<b>S.NO.</b>	<b>AUTHORS</b>	<b>TITLE OF THE BOOK</b>	<b>PUBLISHER</b>	<b>YEAR &amp; EDITION</b>
1	Agarwal. A.N	Indian Economy	Wishwa Prakashan New Delhi	2007, 1 <sup>st</sup> ed
2	Dhingra.IC	Indian Economic Development	Sultan Chand and Sons, New Delhi	2014, 1 <sup>st</sup> ed

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

#### PREAMBLE

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

#### COURSE LEARNING OUTCOMES

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

CLO Number	CLO Statement	Knowledge Level
<b>CLO1.</b>	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
<b>CLO2.</b>	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
<b>CLO3.</b>	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
<b>CLO4.</b>	Discuss the Industrial policies 1948, 1956, 1991, Five year Plans, NITI Aayog, Measurement of national income- Difficulties in calculation - types of budget, Five year plans - current budget	K4

#### Mapping with Programme Learning Outcomes

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

S- Strong; M-Medium



## **ALLIED PAPER I – INDIAN ECONOMIC DEVELOPMENT**

### **UNIT I: 14 hrs.**

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

### **UNIT II: 18 hrs.**

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

### **UNIT III: 15 hrs.**

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

### **UNIT IV: 13 hrs.**

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

### **UNIT V: 13 hrs.**

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

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

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

#### **PREAMBLE**

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

#### **COURSE LEARNING OUTCOMES**

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

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

#### **Mapping with Programme Learning Outcomes**

CLOs	PLO1	PLO2	PLO3	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

## 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				
S.NO.	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	Philip R. Cateora, John L. Graham, R.Bruce Money, Mary C.Gilly	International Marketing	Mc-Graw Hill, New Delhi.	2019, 18 <sup>th</sup> ed
2	Dr.Shalini Agarwal	International Marketing	SahityaBhawan Publications, Agra	2021, 1 <sup>st</sup> ed
REFERENCE BOOKS				
S.NO.	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	Francis Cherunilam	International Marketing	HimalayaPublishing House,Mumbai	2016, 4 <sup>th</sup> ed
2	Srinivasan.R	International Marketing	Prentice Hall of India, New Delhi	2016, 4 <sup>th</sup> ed
3	Varshney RL B.Bhattacharyya	International Marketing Management	Sultan Chand Publishers, New Delhi.	2015, 5 <sup>th</sup> ed

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

#### **PREAMBLE**

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

#### **COURSE LEARNING OUTCOMES**

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

<b>CLO Number</b>	<b>CLO Statement</b>	<b>Knowledge Level</b>
<b>CLO 1</b>	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
<b>CLO 2</b>	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
<b>CLO 3</b>	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
<b>CLO 4</b>	Examine the defects of Monopolistic Market, Ricardian theory of rent, theory of wages, subsistence theory, wage fund theory, marginal productivity theory of wages, classical theory of interest, liquidity preference theory of interest.	K4

#### **Mapping with Programme Learning Outcomes**

<b>CLOs</b>	<b>PLO1</b>	<b>PLO2</b>	<b>PLO3</b>	<b>PLO4</b>	<b>PLO5</b>
CLO5.	S	S	S	S	M
CLO6.	S	S	S	M	M
CLO7.	S	S	M	M	M
CLO8.	S	S	S	S	M

S- Strong; M-Medium

## MICRO ECONOMICS II

### UNIT I : 16 Hrs

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

### UNIT II : 16 Hrs

**Monopoly**- Definition-characteristics-Types-Causes of monopoly-price and output determination in short run and long run monopoly price and elasticity of demand – monopoly equilibrium under different 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.

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

<b>COURSE CODE</b>	<b>COURSE NAME</b>	<b>Category</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>Credit</b>
ES24C04	STATISTICS FOR ECONOMICS	THEORY	88	2	-	4

#### **PREAMBLE**

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

#### **COURSE LEARNING OUTCOMES**

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

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

#### **Mapping with Programme Learning Outcomes**

<b>CLOs</b>	<b>PLO1</b>	<b>PLO2</b>	<b>PLO3</b>	<b>PLO4</b>	<b>PLO5</b>
CLO1	S	S	S	S	S
CLO2	S	M	S	S	M
CLO3	S	S	S	S	S
CLO4	S	S	S	S	S

S- Strong; M-Medium

## STATISTICS FOR ECONOMICS

### UNIT I:

**16 hrs**

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

### UNIT II:

**16 hrs**

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

### UNIT III:

**17 hrs**

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

### UNIT IV:

**19 hrs**

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

### UNIT V:

**20 hrs**

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

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



<b>COURSE CODE</b>	<b>Course Name</b>	<b>Category</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>Credit</b>
ES24A03	ECONOMIC ANALYSIS	THEORY	73	2		4

#### **PREAMBLE**

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

#### **COURSE LEARNING OUTCOMES**

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

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

#### **Mapping with Programme Learning Outcomes**

<b>CLOs</b>	<b>PLO1</b>	<b>PLO2</b>	<b>PLO3</b>	<b>PLO4</b>	<b>PLO5</b>
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

## **ECONOMIC ANALYSIS**

### **UNIT I:**

**14 hrs**

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

### **UNIT II:**

**14 hrs**

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

### **UNIT III:**

**15 hrs**

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

### **UNIT IV:**

**15 hrs**

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

### **UNIT V:**

**15 hrs**

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

<b>TEXT BOOK</b>				
<b>S. N O.</b>	<b>AUTHORS</b>	<b>TITLE OF THE BOOK</b>	<b>PUBLISHER</b>	<b>YEAR &amp; EDITION</b>
1	Sankaran.S	Economic Analysis	Margham Publications, Chennai	2020, 7 <sup>th</sup> ed
2	Robert Pindy, Daniel Rubinfeld	Micro Economics	Pearson Education	2022, 9 <sup>th</sup> ed
3	Shamasasttry.R	Kautilya's Arthashastra	Dev Publishers and Distributors	2021, 1 <sup>st</sup> ed

<b>REFERENCE BOOKS</b>				
<b>S.N O.</b>	<b>AUTHOR S</b>	<b>TITLE OF THE BOOK</b>	<b>PUBLISHER</b>	<b>YEAR &amp; EDITION</b>
1	Mas-Colell, Whinston, JerryR.Green	Micro Economic Theory	Oxford Publisher	2012, 2 <sup>nd</sup> ed
2	Varshini and Maheswari	Managerial Economics	Sultan Chand and Son's, New Delhi	2012, 22 <sup>nd</sup> ed
3	Ahuja H.L.	Principles of Economics	S.Chand and Company Ltd , New Delhi.	2014, 1 <sup>st</sup> edition

<b>COURSE CODE</b>	<b>Course Name</b>	<b>Category</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>Credit</b>
ES24A04	MANAGERIAL ECONOMICS	THEORY	73	2		4

#### **PREAMBLE**

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

#### **COURSE LEARNING OUTCOMES**

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

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

#### **Mapping with Programme Learning Outcomes**

<b>CLOs</b>	<b>PLO1</b>	<b>PLO2</b>	<b>PLO3</b>	<b>PLO4</b>	<b>PLO5</b>
CLO5.	S	S	S	S	S
CLO6.	S	S	S	S	S
CLO7.	S	S	S	S	S
CLO8.	S	M	S	S	S

S- Strong; M-Medium

## MANAGERIAL ECONOMICS

### Unit I:

14 Hrs

**Introduction** Nature and Scope of Managerial Economics – Meaning – Characteristics – Importance – Role and Responsibilities of Managerial Economist – Basic Economic Concepts in Managerial Economics.

### Unit II:

14 Hrs

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

### Unit III:

15 Hrs

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

### Unit IV:

15 Hrs

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

### Unit V:

15 Hrs

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

EXT BOOK				
S.N O.	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	R.L.Varshney & K.L.Maheshwari	Managerial Economics	S.Chand Publishing	2012, 22 <sup>nd</sup> ed
2	Cris Lewis.W H.Craig Petersen	Managerial Economics	Prentice Hall	2018, 1 <sup>st</sup> ed
3	Shamasastry.R	Kautilya's Arthashastra	Dev Publishers and Distributors,	2021, 1 <sup>st</sup> ed

<b>REFERENCE BOOKS</b>				
<b>S.N O.</b>	<b>AUTHORS</b>	<b>TITLE OF THE BOOK</b>	<b>PUBLISHER</b>	<b>YEAR &amp; EDITION</b>
1	M L Jhingan, J K Stephen	Managerial Economics	Vrinda Publications	2014, 2 <sup>nd</sup> ed
2	R.Cauvery, Dr.U.K. Sudha Nayak, Dr.M.Girija, Dr.R.Meenakshi	Managerial Economics	Sultan Chand and Son's, New Delhi	2013, 2 <sup>nd</sup> ed

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

## **PREAMBLE**

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

## **COURSE LEARNING OUTCOMES**

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

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

## **Mapping with Programme Learning Outcomes**

<b>CLOs</b>	<b>PLO1</b>	<b>PLO2</b>	<b>PLO3</b>	<b>PLO4</b>	<b>PLO5</b>
CLO9.	S	S	S	S	S
CLO10.	S	S	S	S	S
CLO11.	S	S	S	S	S
CLO12.	S	M	S	S	S

S- Strong; M-Medium; L-Low

## MONEY AND BANKING

### UNIT I:

14 hrs

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

### UNIT II:

15 hrs

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

### UNIT III:

15 hrs

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

### UNIT IV:

14 hrs

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

### UNIT V:

15 hrs

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



<b>TEXT BOOK</b>				
<b>S.N O.</b>	<b>AUTHORS</b>	<b>TITLE OF THE BOOK</b>	<b>PUBLISHER</b>	<b>YEAR &amp; EDITION</b>
1	Jhingan M.L	MonetaryEconomics	Vrinda Publications Pvt. Ltd. , New Delhi	2010, 7 <sup>th</sup> ed
2	Shamasastry.R	Kautilya's Arthashastra	Dev Publishers and Distributors	2021, 1 <sup>st</sup> ed
<b>REFERENCE BOOKS</b>				
<b>S.N O.</b>	<b>AUTHORS</b>	<b>TITLE OF THE BOOK</b>	<b>PUBLISHER</b>	<b>YEAR &amp; EDITION</b>
1	R.R.Paul	Money Banking and International Trade	Kalyani Publisher	2018, 12 <sup>th</sup> ed
2	Cauvery.R U.K Sudha Nyaik and others	Monetary Economics	S.Chand and Company Ltd	2012, 2 <sup>nd</sup> ed
3	Seth ML	Monetary Economics	Lakshmi Narayan, N.D.	2020, 2 <sup>nd</sup> ed

**BACHELOR OF ARTS IN ECONOMICS  
CHOICE BASED CREDIT SYSTEM (CBCS) &**

**LEARNING OUTCOME - BASED CURRICULUM FRAMEWORK (LOCF)  
SCHEME & SYLLABUS OF EXAMINATION**

**2024-2027 Batch**

**Semester III**

Semester	Part	Subject Code	Title of the Paper		Instruction Hours / Week	Instruction Hours / Sem	Tutorial	Duration of Examination	Examination Marks			Credits
									CIA	ESE	Total	
<b>III</b>	I	TAM2303 / HIN2303 / FRE2303	Language Paper III Tamil/Hindi/French	L	6	88	2	3	25	75	100	3
	II	ENG2403	English Paper III	E	5	73	2	3	25	75	100	3
	III	ES23C05	Mathematical Methods	CC	4	58	2	3	25	75	100	4
		ES23C06	History of Economic Thought	CC	5	73	2	3	25	75	100	4
	III	EG23A03/ BB23A03/ HI24A03/ ES23A06 ES24A06	Writing for the media / Income Tax / Indian Geography / Demography/ Research Methodology	GE	5	73	2	3	25	75	100	4
	III	ES24SBP1	AI Tools in Research	SEC	3	41	4	-	100	-	100	3
	IV	NM22UHR	Universal Human Values and Human Rights#	AECC	-	-	-	-	100	-	100	Gr
	IV	NM22DTG	Design Thinking	AEC	2	30	-	-	100	-	100	2
<b>I - V</b>	VI	16BONL1 16BONL2	Online Course 1 Online Course 2	ACC	-	-	-	-	-	-	-	-
	VI	JOB2203	Job Oriented Course – Foundation Course on Civil Service Examination		--	60	--	--			--	Gr

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

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

### PREAMBLE

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

### COURSE LEARNING OUTCOMES

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

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

### Mapping with Learning Programme Outcomes

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

S – Strong; M- Medium

## **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.

<b>TEXT BOOK</b>				
<b>S.NO</b>	<b>AUTHORS</b>	<b>TITLE OF THE BOOK</b>	<b>PUBLISHER</b>	<b>YEAR &amp; EDITION</b>
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
<b>REFERENCE BOOK</b>				
<b>S.NO.</b>	<b>AUTHORS</b>	<b>TITLE OF THE BOOK</b>	<b>PUBLISHER</b>	<b>YEAR &amp; EDITION</b>
1	Allen R.G.D	Mathematical Analysis for Economics	Prentice Hall of India, New Delhi	2008, 2 <sup>nd</sup> ed
2	Bose.D	Mathematical Methods	Vrinda Publications, New Delhi	2015, 4 <sup>th</sup> ed
3	Chandhury .S.K	Mathematical Methods	Sumit enterprises New Delhi	2009

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

#### **PREAMBLE**

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

#### **COURSE LEARNING OUTCOMES**

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

<b>CLO Number</b>	<b>CLO Statement</b>	<b>Knowledge Level</b>
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 Amartya Sen, diamond - dybvig theory of bank run.	K4

#### **Mapping with Programme Learning Outcomes**

<b>CLOs</b>	<b>PLO1</b>	<b>PLO2</b>	<b>PLO3</b>	<b>PLO4</b>	<b>PLO5</b>
CLO1.	S	M	L	M	L
CLO2.	S	M	L	M	M
CLO3.	S	S	M	S	M
CLO4.	S	S	M	S	S

S-Strong; M-Medium; L-Low

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

### **UNIT III:**

**15hrs**

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

### **UNIT IV:**

**20hrs**

Modern Economic Thought – Essential ideas of Institutionalism – Thorstein Veblen - J.M.Keynes theory of employment -Welfare Economics – A.C. 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.

<b>TEXT BOOK</b>				
<b>S.N O</b>	<b>AUTHORS</b>	<b>TITLE OF THE BOOK</b>	<b>PUBLISHER</b>	<b>YEAR &amp; EDITION</b>
1	S.K.Srinivasan	History of Economic Thought	S Chand & Co. Ltd., New Delhi	2009, 6 <sup>th</sup> ed
2	V..Loganathan	Economic Thought	S.Chand Co. Ltd., New Delhi	2018, 10ed
<b>REFERENCE BOOK</b>				
<b>S.N O</b>	<b>AUTHORS</b>	<b>TITLE OF THE BOOK</b>	<b>PUBLISHER</b>	<b>YEAR &amp; EDITION</b>
1	H.L. .Bhatia	A History of Economic Thought	VikasPublishing House pvt ltd, Chennai	2018, 4 <sup>th</sup> ed
2	T.N.Hajela	History of Economic Thought	Ane Books pvt.Ltd, NewDelhi.	2008, 18 <sup>th</sup> ed



<b>COURSE NUMBE R</b>	<b>COURSENAME</b>	<b>Catego ry</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>Cre dit</b>
ES23A06	DEMOGRAPHY	THEORY	73	2	-	4

## **PREAMBLE**

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

## **COURSE LEARNING OUTCOME**

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

<b>CLO NUMBER</b>	<b>CLO Statement</b>	<b>Knowledge level</b>
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**

<b>CLOs</b>	<b>PLO1</b>	<b>PLO2</b>	<b>PLO3</b>	<b>PLO4</b>	<b>PLO5</b>
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.

<b>TEXT BOOK</b>				
<b>S.N O.</b>	<b>AUTHORS</b>	<b>TITLE OF THE BOOK</b>	<b>PUBLISHER</b>	<b>YEAR &amp; EDITION</b>
<b>1</b>	Asha. A Bhende&TaraK anikar	Principles of Population Studies	Himalya Publishing House, New Delhi.	2023, 3 <sup>rd</sup> ed
<b>2</b>	M. L. Jhingan, B. K. Bhatt, J.N. Desai	Demography	Vrinda Publications (P) Ltd, Delhi	2016, 3 <sup>rd</sup> ed
<b>REFERENCE BOOKS</b>				
<b>S.N O.</b>	<b>AUTHORS</b>	<b>TITLE OF THE BOOK</b>	<b>PUBLISHER</b>	<b>YEAR &amp; EDITION</b>
<b>1</b>	Srivatsava.S	Demography	Sultanchandsons private Ltd.NewDelhi	2005
<b>2</b>	B.N. Ghosh	Population Economics	Meenalashi publication	2000. 2 <sup>nd</sup> ed

<b>COURSE NUMBE R</b>	<b>COURSENAME</b>	<b>Catego ry</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>Cre dit</b>
ES24A06	RESEARCH METHODOLOGY	THEORY	73	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

<b>CLO NUMBER</b>	<b>CLO Statement</b>	<b>Knowledge level</b>
CLO	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**

<b>CLOs</b>	<b>PLO1</b>	<b>PLO2</b>	<b>PLO3</b>	<b>PLO4</b>	<b>PLO5</b>
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**

### **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 – Secondary data – Other methods

**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 ReportWriting-Meaning – Need of Interpretation – Precautions in Interpretation - Importance of Report writing – Steps in Report writing.

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



**BACHELOR OF ARTS IN ECONOMICS**  
**CHOICE BASED CREDIT SYSTEM (CBCS) &**

**LEARNING OUTCOME - BASED CURRICULUM FRAMEWORK (LOCF)**

**SCHEME & SYLLABUS OF EXAMINATION**

**2024-2027 Batch**

**Semester IV**

Sem	Part	Course Code	Title of the Course	Course Type	Instruction Hours/Week	Contact Hours	Tutorial Hours	Duration of Examination	Examination Marks			Credits
									CA	ESE	Total	
IV	I	TAM2304/ HIN2304/ FRE2304	Tamil Paper IV/ Hindi Paper IV/ French Paper IV	L	5	73	2	3	25	75	100	3
	II	ENG2404	English Paper IV	E	6	88	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	EG2304 A/ HI23A04 / ES24A07	Cluster English for Competitive Examination/ Indian Culture & Heritage / Research Methodology	GE	5	73	2	3	25	75	100	4
	III	ES23SCE1	Business Infonomics	SEC	3	45	-	-	100	-	100	3
	IV	NM23EI	Entrepreneurship and Innovation (Ignite X)	AECC	2	30	-	-	100	-	100	2
	IV	NM24EVS	Environmental Studies	AECC	SS	-	-	-	100	-	100	Gr.
	V	COCOACT	Co-curricular Activities	GC			-	-	100	-	100	1
I-V	VI	24BONL1	Online Course I	ACC	-	-	-	-	-	-	-	-
		24BONL2	Online Course II									
		24BONL3	Online Course III									

**SEC- Skill Enhancement Course;**

**L-Language E-English SS – Self study CC – Core Courses**

**CA – Continuous Assessment**

**ESE–End Semester Examination**

AEC – Ability Enhancement Course  
 GE – Generic Elective  
 GC-General Course

ACC – Additional Credit Course  
 AECC-Ability Enhancement Compulsory Courses  
 DSE-Discipline Specific Elective Gr – Grade

COURSE CODE	COURSE TITLE	CATEGORY	L	T	P	CREDIT
ES23C07	MACRO ECONOMICS I	THEORY	73	2	-	4

#### Preamble

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

#### Prerequisite

- Basic Knowledge in macroeconomics

#### 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, income flows, national and social accounting, consumption, investment, demand, and capital efficiency	K1
CLO2	Distinguish micro and macro economics, and studying classical, Keynesian, and consumption theories	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 across sectors, and the application of multiplier–accelerator interactions in explaining business cycles.	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

<b>CLO4</b>	S	M	S	S	S
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S-Strong; M-Medium; L-Low

## MACRO ECONOMICS I- ES23C07

### 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	Publishers	Year and Edition
1	1.M.L.Jhingan	Macro EconomicTheory	Vrinda Publication Pvt Ltd, New Delhi.	2016, 13 <sup>th</sup> ed
2	2.Kaveri& others	Macro Economics	Chand and chand publishers, NewDelhi	2012, 6 <sup>th</sup> ed

### Books for Reference

S.No	Authors	Title	Publishers	Year and Edition
1.	E Shapiro	Macro Economics	Galgotia Publications Pvt Ltd, New Delhi.	1982, 5 <sup>th</sup> ed
2.	N. Gregory Mankiw	Principles of Macro Economics	Cengage Publisher	2022, 8 <sup>th</sup> ed

3.	S. Sankaran	Macro Economics	Margham Publications, Chennai.	2000, 2 <sup>nd</sup> ed
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<b>COURSE CODE</b>	<b>COURSE TITLE</b>	<b>Category</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>Credit</b>
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

<b>CLO Number</b>	<b>CLO Statement</b>	<b>Knowledge Level</b>
CLO1	Define public and private finance, social advantage, and types of goods.	K1
CLO2	Understand public revenue, taxation, expenditure, debt, budget, fiscal policy and Finance Commission.	K2
CLO3	Distinguish public vs. private finance, tax vs. non-tax revenue, and direct vs. indirect taxes.	K3
CLO4	Analyze financial autonomy in India, public expenditure, taxation principles and public debt.	K4

#### **Mapping with Programme Learning Outcomes**

<b>CLOs</b>	<b>PLO1</b>	<b>PLO2</b>	<b>PLO3</b>	<b>PLO4</b>	<b>PLO5</b>
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



## **PUBLIC FINANCE**

### **UNIT I**

15 hrs

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

### **UNIT II**

16 hrs

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

### **UNIT III**

12 hrs

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

### **UNIT IV**

15 hrs

**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**

hrs

15

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

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

<b>COURSE CODE</b>	<b>COURSE TITLE</b>	<b>CATEGORY</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>CREDIT</b>
ES24A07	RESEARCH METHODOLOGY	THEORY	73	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.

#### Prerequisite

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

#### Course Learning Outcomes

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

<b>CLO Number</b>	<b>CLO Statement</b>	<b>Knowledge Level</b>
<b>CLO1</b>	Define research, types and features of good research, interpretation, report writing, hypothesis, Observation method, Interview method, Questionnaire method, Schedules, research design.	<b>K1</b>
<b>CLO2</b>	List out the types of sampling design and the steps involved in it, find the type of hypothesis,	<b>K2</b>
<b>CLO3</b>	Differentiate Primary and secondary data, Distinguish the various methods of data collection.	<b>K3</b>
<b>CLO4</b>	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	<b>K4</b>

#### Mapping with Programme Learning Outcomes

<b>CLOs</b>	<b>PLO1</b>	<b>PLO2</b>	<b>PLO3</b>	<b>PLO4</b>	<b>PLO5</b>
<b>CLO1</b>	S	S	S	S	S
<b>CLO2</b>	S	S	M	S	S
<b>CLO3</b>	S	S	S	M	S
<b>CLO4</b>	S	S	S	S	S

S-Strong; M-Medium; L-Low

## RESEARCH METHODOLOGY

### 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 – Types of Research Design – Sampling – Need – Concepts –Determination of sample size – Type of 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 <sup>th</sup> ed
2	R Meenakshi, M Girija, R Cauvery And U K SudhaNayak	Research Methodology	S. Chand, New Delhi	2010, 2 <sup>nd</sup> ed

### Books for Reference

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2	Pannarselvam.R	Research Methodology	PHI Learning Pvt Ltd, Delhi	2014, 2 <sup>nd</sup> ed
3	O.R.Krishnaswami, Ranganatham	Methodology of research in Social sciences	Himalaya Publishing house	2016, 1 <sup>st</sup> ed