



PSGR
Krishnammal College for Women



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	Group A - Core 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	Group B –Allied Paper I English through classics I/ Indian Constitution	GE	5	73	2	3	25	75	100	4
	IV	NME23B1/ NME23A1	Basic Tamil I/ Advanced Tamil I	AEC	2	28	2	-	100	-	100	2
II	I	NME23ES	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
	IV	EG24A02/ HI24A02	English through classics II/ Fundamentals of Political Science	GE	5	73	2	3	25	75	100	4
		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								
I to V	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

COURSE NUMBER	COURSE NAME	Category	L	T	P	Credit
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

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

Mapping with Programme Learning Outcomes

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

S- Strong; M-Medium

MICRO ECONOMICS I

Unit I: 16 Hrs

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

Unit II: 18 hrs

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

Unit III: 18 hrs

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

Unit IV:18hrs

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

Unit V: 18 hrs

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

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

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

Course Designers:

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

COURSE NUMBER	COURSE NAME	Category	L	T	P	Credit
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

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

Mapping with Programme Learning Outcomes

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

S- Strong; M-Medium

CORE PAPER II – INDIAN ECONOMY

UNIT I : 14 hrs

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

UNIT II: 15hrs

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

UNIT III: 19hrs

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

UNIT IV : 13hrs

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

UNIT V : 12hrs

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

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

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

Course Designers:

- 1.Dr.Mrs. C.Athena, Asst Prof. Dept. of Economics.
- 2.Dr.Mrs. S.PadmaAnnakamu, Asst. Prof., Dept. of Economics.

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

PREAMBLE

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

COURSE LEARNING OUTCOMES

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

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

Mapping with Programme Learning Outcomes

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

S- Strong; M-Medium

ALLIED PAPER I – INDIAN ECONOMIC DEVELOPMENT

UNIT I: 14 hrs.

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

UNIT II: 18 hrs.

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

UNIT III: 15 hrs.

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

UNIT IV: 13 hrs.

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

UNIT V: 13 hrs.

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

TEXT BOOK				
S.NO.	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
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2	Dutt &Ruddar	Indian Economy	S.Chand Publishers, New Delhi.	2015, 1st ed
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2	Dhingra.IC	Indian Economic Development	Sultan Chand and Sons, New Delhi	2014, 1 st ed
3	Misra & Puri	Indian Economy	Himalaya Publishing Houses, Mumbai	2019, 39 th ed

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

Course Designers:

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

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

PREAMBLE

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

COURSE LEARNING OUTCOMES

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

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

Mapping with Programme Learning Outcomes

CLOs	PLO1	PLO2	PLO3	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 th ed
2	DrShalini Agarwal	International Marketing	Sahitya Bhawan Publications, Agra	2021, 1 st ed
REFERENCE BOOKS				
S.NO.	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	Francis Cherunilam	International Marketing	Himalaya Publishing House,Mumbai	2016, 4 th ed
2	Srinivasan.R	International Marketing	Prentice Hall of India, New Delhi	2016, 4 th ed
3	Varshney RL B.Bhattacharyya	International Marketing Management	Sultan Chand Publishers, New Delhi.	2015, 5 th ed

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

Course Designers:

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

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

PREAMBLE

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

COURSE LEARNING OUTCOMES

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

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

Mapping with Programme Learning Outcomes

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

S- Strong; M-Medium

MICRO ECONOMICS II

UNIT I : 16 Hrs

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

UNIT II : 16 Hrs

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

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

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2	Ahuja H.L.	Principles of Economics	S.Chand and Company Ltd , New Delhi.	2014, 1 st edition
3	Jhingan M.L.	Micro Economics	Vrinda Publications(P)Ltd, Delhi	2016, 8 th ed

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

Course Designers:

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

	Topic	CO/CLO	No. of Hours	Content delivery methods	Learning Methods
1	Unit I Market – Meaning Features and Factors influencing Market, Types	CLO1 CLO2	3	https://youtu.be/frHyR9FiKt4?si=gDYgmmjkK2pc43Ga	Experiential learning
2	Classification of markets	CLO1 CLO2	3	Lecture/	Participatory learning
3	Firm and Industry Meaning - Equilibrium of firm and Industry -shortrun, long run - Perfect Competition-features, Difference between perfect and pure competition	CLO1 CLO3	3	https://youtu.be/B49lQxwMaM?si=PdMHZSg011ZOjTE	Experiential learning
4	Normal and market price - Difference, laws of returns in the industry	CLO3	4	Question and answer	Experiential earning
5	Effects of changes in demand . supply-combined effect	CLO1 CLO3	3	PPT	Problem based learning
1	UNIT II Monopoly- Definition characteristics- Types, causes, limitations	CLO2 CLO4	4	https://youtu.be/HVrLsi470kM?si=WIW9fumEHctUL-q	Experiential learning
2	short run and long run monopoly	CLO1 CLO2	1	https://youtu.be/bTvQj-_tUlw?si=i=iyHFFVQ_3oVVL7lP	Experiential learning
3	monopoly price and elasticity of demand, equilibrium under different cost condition, measurement	CLO1 CLO2	3	ppt	Problem based learning

	Topic	CO/CLO	No. of Hours	Content delivery methods	Learning Methods
4	Effects of monopoly, Regulation of monopoly	CLO2	2	lecture	Participatory learning
5	price discrimination-types, degrees, Condition favourable for price discrimination	CLO3	3	https://youtu.be/IZ08M1Zkgfy/si=vyehkjtxa2bnqksf	Experiential learning
6	Effects of price discrimination, Price Dumping	CLO1 CLO2	2	Seminar/lecture	Experiential learning
1	UNIT-III Monopolistic competition Definition- Features	CLO2	1	https://youtube.com/shorts/fBSWwGOxCk?si=6IPsSktz_d4OEcyF	Experiential learning
2	equilibrium under monopolistic competition- group equilibrium in short run and long run, non price competition	CLO1 CLO2	2	PPT	Participatory learning
3	Excess capacity features, chamberlains view of excess capacity	CLO1 CLO2	2	lecture	Participatory learning
4	selling cost- significance, – price-output equilibrium under selling cost	CLO1 CLO3	2	Discussion	Problem based learning
5	individual equilibrium and Group equilibrium, Difference between production cost and selling cost	CLO2 CLO4	3	lecture	Experiential learning

	Topic	CO/CLO	No. of Hours	Content delivery methods	Learning Methods
6	Product differentiation-meaning equilibrium and productvariation	CLO2 CLO4	3	https://youtu.be/v5Ilq4JkuKE?si=/v5Ilq4JkuKE?si=	Experiential learning
7	monopolistic competition verses competition	CLO3	3	Discussion	Participatory learning
1	UNIT IV Oligopoly-Meaning -Types- Features - Price leadership-Types-short run and long run equilibrium	CLO2 CLO3	3	https://youtu.be/SIazlV6K1VY?si=59FvR-l6OqwLXqGe	Experiential learning
2	Kinked demand curve-assumptions	CLO2	1	https://youtu.be/n2rPJOz5two?si=-zwur5U7IWohCKNK	Problem based learning
3	Reason for price rigidity - effects of oligopoly- evils of oligopoly	CLO1 CLO4	3	ppt	Problem based learning
4	Duopoly- pricing under duopoly- Difference between monopolistic competition and oligopoly	CLO1 CLO2	2	ppt	Problem based learning

	Topic	CO/CLO	No. of Hours	Content delivery methods	Learning Methods
5	Edgeworthmodel - Chamberlin model - Cournot model- Equilibrium price under pure oligopoly	CLO1 CLO3	4	Discussion	Participatory learning
1	UNIT-V Theory of factor pricing-marginal productivity-theory of factor pricing	CLO3	2	PPT	Participatory learning
2	Ricardian theory of rent Quasi rent- Modern theory of rent	CLO1 CLO4	4	Lecture/	Experiential learning
3	subsistence theory- wage fund theory- marginal productivity theory of wages modern theory of wages	CLO2	4	lecture	Experiential learning
4	interest-gross and net interest factors determining interest - Three motives of interest classical theory of interest	CLO2	3	https://youtu.be/sETRuHc6zuY?si=QHp_XLI-CXICRt3x lecture	Experiential learning
5	liquidity preference theory of interest- -profit- gross profit-net profit- loanable funds theory of interest	CLO2	3	lecture	Experiential learning

	Topic	CO/CLO	No. of Hours	Content delivery methods	Learning Methods
6	uncertainty theory of profit- risk theory of profit- Dynamic theory of profit innovation theory of profit	CLO3	4	ht youtu.be/edHq qOKR6HA?si= fm9rfBP7VrhE DyKl	Experiential learning

MICROECONOMICS - II session plan ES23CO3

Name of the course	MICROECONOMICS-II
Name of the Faculty	Dr .K RENUKA
Participatory Learning	40 %
Experiential Learning	40 %
Problem-based Learning	20 %

COURSE CODE	COURSE NAME	Category	L	T	P	Credit
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

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

Mapping with Programme Learning Outcomes

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

S- Strong; M-Medium

CORE PAPER V – STATISTICS FOR ECONOMICS ES24C04

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.

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

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

25 percent of the Question Paper should contain Theory Questions

Course Designers:

1.Dr.Mrs. C.Athena

2.Dr.Mrs. S.Padma Annakamu

Course Contents and Lecture Schedule – Statistics for Economics

Module No.	Topic	CO/CLO	No. of Hours	Content delivery methods	Learning Methods
1	Unit – I Statistics – Meaning –Definition- Statistics Science or Art	1,2	4	Lecture	Experiential learning
2	Importance, scope and Functions of Statistics, Limitations of Statistics	2,3,4	4	8 Functions of Statistics (Scope and Importance) (economicsdiscussion.net)	Participatory learning
3	Collection of Data –Primary and Secondary Data	1,2,3,4	2	Lecture	Experiential learning
4	Classification of Data- Quantitative and Qualitative Classification	1,2,3,4	3	Lecture, Group Discussion	Experiential learning
5	Diagrammatic Presentation – Bar Diagram - Pie Diagram – Pictogram	1,2,3,4	5	Diagrammatic Representations: Meaning, Advantages - Embibe	Problem based learning
1	Unit- II Measures of Central Tendency – Meaning – Features Arithmetic Mean – Merits and Demerits	1,2,3,4	2	Lecture, oral questions	Experiential learning
2	Calculating Arithmetic Mean – Individual, Discrete and Continous Series	1,2,3,4	2	MEAN - Individual, Discrete and continuous series By Phanindra guptha - YouTube	Experiential learning
3	Calculating Median – Individual, Discrete and Continous series	1,2,3,4	2	Lecture, visualisation	Problem based learning
4	Calculating Mode – Individual, Discrete and Continous Series	1,2,3,4	2	Lecture, Visualisation	Participatory learning
5	Dispersion , Range, Inter Quartile Range	1,2,3,4	1	Quartiles and Coefficient of Quartile Deviation: Formulas & Examples (toppr.com)	Experiential learning

Module No.	Topic	CO/CLO	No. of Hours	Content delivery methods	Learning Methods
6	Mean Deviation –Individual Series and Discrete Series, Continuous Series	1,2,3,4	4	MEAN DEVIATION from median Individual series Learn Economics on Ecoholics - YouTube	Experiential Learning
7	Standard Deviation-Individual and Discrete Series, Continuous Series and Combined Standard Deviation, Variance - Co efficient of Variation	1,2,3,4	4	Standard Deviation Individual series Learn Economics on Ecoholics - YouTube	Participatory learning
1	Unit – III Correlation – Meaning – Importance	1,2,3	3	Lecture, group discussion	Problem based learning
2	Types of Correlation- Graphic and Mathematical Method	1,2,3,4	2	Correlation Definitions, Examples & Interpretation - Simply Psychology	Experiential learning
3	Karl Pearson’s Co-efficient of Correlation	1,2,3,4	2	Karl Pearson Coefficient of Correlation Learn Economics on Ecoholics - YouTube	Experiential learning
4	Spearman’s Rank Correlation – When Ranks are not given, when Ranks are not given— When Repeated Ranks	1,2,3,4	4	Lecture	Participatory learning
5	Regression – Meaning –Uses- Difference between Regression and Correlation	1,2,3,4	4	Difference Between Correlation and Regression (with Comparison Chart) - Key Differences	Experiential learning
6	Regression - Graphic Method & Algebraic Method- R-square	1,2,3,4	2	Chalk and Talk-Lecture	Problem based learning
1	Unit – IV Probability- Definition, importance	1,2	3	Lecture	Problem based learning
2	Experiments and Events	1,2,3,4	2	311 Maths Eng Lesson18.pdf (nios.ac.in)	Problem based Learning
3	Theorems of Probability - Addition Theorem- Multiplication Theorem	1,2,3,4	3	Chalk & talk	Participatory learning

Module No.	Topic	CO/CLO	No. of Hours	Content delivery methods	Learning Methods
4	Conditional Probability	1,2,3,4	2	Conditional Probability: Formula and Real-Life Examples (investopedia.com)	Participatory learning
5	Bayes theorem - Central Limit Theorem	1,2,3,4	3	Bayes' Theorem: What It Is, the Formula, and Examples (investopedia.com)	Experiential learning
6	Binomial Distribution- Poisson Distribution - Normal Distribution- Meaning- Importance- Properties - Simple Exercises.	1,2,3,4	5	Binomial Distribution: Definition, Formula, Analysis, and Example (investopedia.com) Poisson Distribution (Definition, Formula, Table, Mean & Variance, Examples) (byjus.com)	Experiential Learning
1	Unit – V Time Series Analysis - Measurement of Secular Trend	1,2,3,4	6	Chalk & Talk	Experiential Learning
2	Index Numbers - Characteristics – Uses	1,2,3,4	3	Chalk & Talk	Experiential Learning
3	Unweighted and Weighted index - Wholesale price index - Consumer price index	1,2,3,4	5	Chalk & Talk	Experiential learning
4	Marshall Edge worth – Reversal Test	1,2,3,4	4	Chalk & Talk	Problem Solving

Name of the course	Statistics for Economics
Name of the Faculty	Dr.S.Padma Annakamu
Participatory Learning	22 %
Experiential Learning	54 %
Problem-based Learning	24 %

COURSE CODE	Course Name	Category	L	T	P	Credit
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

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

Mapping with Programme Learning Outcomes

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

S- Strong; M-Medium

ALLIED PAPER I – ECONOMIC ANALYSIS

UNIT I: 14 hrs

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

UNIT II: 14 hrs

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

UNIT III: 15 hrs

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

UNIT IV: 15 hrs

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

UNIT V: 15 hrs

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

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

REFERENCE BOOKS

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

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

Course Designers:

1.Dr. K. Renuka

2.Dr.S. Padma Annakamu

Module No.	Topic	CO/CLO	No. of Hours	Content delivery methods	Learning Methods
1	UNIT I: Economics- Definitions Criticisms	CLO1C LO2	2	Lecture – Chalk and Talk/Videos	Participatory Learning
2	Nature of Economics- Scope of Economics	CLO1C LO2 CLO3	3	PPT	Experiential Learning
3	Objectives of firm, Social Responsibilities of Firm	CLO2C LO3 CLO4	4	Group Discussion /Videos	Participatory Learning
4	Utility Analysis - Law of Diminishing Marginal Utility	CLO3C LO4	3	PPT /Group Discussion	Participatory Learning
5	Law of Equimarginal Utility	CLO1C LO3	2	PPT /Group Discussion	Participatory Learning
1	UNIT II: Demand- Meaning, Types of Demand, Factors affecting Demand, Law of Demand, Exceptions to the law of Demand, Indifference Curve Analysis-Properties	CLO1C LO2 LO3	5	Chalk and Talk/ Video	Experiential Learning
2	Elasticity of Demand- Meaning, Definition, types, Factors influencing Elasticity of demand	CLO1C LO2	5	Chalk and Talk/ Research Articles	Experiential Learning

3	Degrees of Elasticity	CLO2C LO3	2	Lecture / Chalk and Talk	Experiential Learning
4	Measurement of Elasticity- Introduction, Methods of Measurement- Percentage Method, Arc Method, Total Outlay Method, Point Method	CLO2 CLO3	2	Lecture/ Chalk and Talk	Problem based learning
1	UNIT III: Production Definition and meaning, Factors of Production, Production Function	CLO1C LO2	3	PPT	Participatory Learning
2	Law of Returns, Law of variable proportions, Isoquant and its properties	CLO2C LO3	4	Chalk and Talk/Video s	Experiential Learning
3	Returns to Scale , Economies of scale, Diseconomies of scale, Law of Supply- Definition, Explanation	CLO2C LO3	4	Lecture PPT	Participatory Learning
4	Cost Concepts and curves, Revenue concepts and curves	CLO1 CLO3	4	Chalk and Talk	Participatory Learning
1	UNIT IV: Market- Meaning, Types, Equilibrium of Firm Equilibrium of Industry	CLO3 CLO4	4	Chalk and Talk	Problem-based Learning

2	Perfect competition, Monopoly - meaning, features, pricing	CLO2C LO3	5	Chalk and Talk/Videos	Experiential Learning
3	Monopolistic Competition- Meaning, Features, Pricing	CLO3C LO4	2	Chalk and Talk Brainstorming	Problem Based Learning
4	Oligopoly- Meaning and Features, Pricing, Duopoly-meaning and features	CLO2 CLO3	3	PPT	Problem-based Learning
1	UNIT V: Distribution- Meaning, Marginal Productivity theory	CLO1C LO2	2	PPT	Experiential Learning
2	Wages- meaning, types, Theories of wages- Subsistence theory, Wage Fund Theory	CLO3C LO4	1	PPT/Lecture/Chalk and Talk, video	Participatory Learning
3	Rent- Meaning, types Theories of rent- Ricardian theory, Quasi rent, Modern theory of rent	CLO3C LO4	4	PPT, Socratic , video	Participatory Learning
4	Interest- meaning, types, Interest-meaning, types, Liquidity preference theory of interest	CLO3C LO4	3	Lecture	Participatory Learning

5	Profit- Meaning, types, Uncertainty theory of profit, Innovation theory of profit	CLO1C LO2	3	PPT/Lecture/Chalk and Talk	Participatory Learning
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S.No	Blended Topics Link:
1	https://www.youtube.com/watch?v=y2gCMDJzDLM - Economics-Definitions Wealth Definition, Welfare Definition, Criticisms
2	https://www.youtube.com/watch?v=IFUvR2BzX-0 - Objectives of firm
3	https://www.youtube.com/watch?v=ShzPtU7IOXs - Law of Demand
4	https://www.youtube.com/watch?v=vRtXhCAxIAg Exceptions to the law of Demand
5	https://www.youtube.com/watch?v=RSyvcANRaOE - Factors of Production
6	https://www.youtube.com/watch?v=QanuGfembbw - Law of Returns
7	https://www.youtube.com/watch?v=B_49IQxwMaM - Perfect competition- meaning, features
8	https://www.youtube.com/watch?v=PEFEns--mU Monopoly- Meaning, Features
9	https://www.youtube.com/watch?v=L2tnMfrmXfY - Marginal Productivity theory
10	https://www.youtube.com/watch?v=Nvaepyac9BU Wage Fund Theory

Name of the course	Economic Analysis
Name of the Faculty	Dr .Kavitha N.V
Participatory Learning	45 %
Experiential Learning	36 %
Problem-based Learning	19 %

COURSE CODE	Course Name	Category	L	T	P	Credit
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

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

Mapping with Programme Learning Outcomes

CLOs	PLO1	PLO2	PLO3	PLO4	PLO5
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

Unit I: 14 Hrs

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

Unit II: 14 Hrs

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

Unit III: 15 Hrs

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

Unit IV: 15 Hrs

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

Unit V: 15 Hrs

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

TEXT BOOK				
S.N O.	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	R.L.Varshney & K.L.Maheshwari	Managerial Economics	S.Chand Publishing	2012, 22 nd ed
2	Cris Lewis.W H.Craig Petersen	Managerial Economics	Prentice Hall	2018, 1 st ed
3	Shamasastry.R	Kautilya's Arthashastra	Dev Publishers and Distributors,	2021, 1 st ed
REFERENCE BOOKS				
S.N O.	AUTHORS	TITLE OF THE BOOK	PUBLISHER	YEAR & EDITION
1	M L Jhingan, J K Stephen	Managerial Economics	Vrinda Publications	2014, 2 nd 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 nd ed

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

Course Designers:

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

Module	Topic	Content Delivery	Activity	No. of Periods	CLO's	Participatory Learning /Experiential Learning/ Problem-based Learning
1	Introduction to Managerial Economics, Meaning	Lectures and PPTs	Group Discussion	2	1,3	Participatory Learning
2	Nature and Scope of Managerial Economics Characteristics	Lectures and PPTs	Group Discussion	4	2,3	Participatory Learning
3	Importance	Lectures and PPTs	Group Discussion	1	2,3	Participatory Learning
4	Role and Responsibilities of Managerial Economist	Lectures and PPTs	Flipped Classroom	3	1,2,3	Experiential Learning
5	Basic Economic concepts in Managerial Economics	Lectures and PPTs	Brain storming	4	1,2	Participatory Learning
1	UNIT II Demand, Cost and Profit Analysis Demand for Durable and Non-Durable Products	Lectures and PPTs	Pro-con Grid	2	1,2,3	Experiential Learning

Module	Topic	Content Delivery	Activity	No. of Periods	CLO's	Participatory Learning /Experiential Learning/ Problem-based Learning
2	Demand Forecasting Techniques	Lectures and PPTs	Flipped Classroom	2	1,3	Problem-based Learning
3	Statistical and Non-Statistical Techniques	Lectures and PPTs	Group Discussion	3	1,3	Problem-based Learning
4	Cost Estimation	Lectures and PPTs	Group Discussion	1	2,3	Problem-based Learning
5	Cost-Volume-Profit Analysis (Break Even Analysis)	Lectures and PPTs Break-even Analysis Breakeven Chart (youtube.com)	Case-study	3	1,3	Problem-based Learning
6	Objectives and Assumptions	Lectures and PPTs	Group Discussion	1	1,2	Participatory Learning
7	Determination of Break Even Point	Lectures and PPTs	Group Discussion	1	3,4	Experiential Learning

Module	Topic	Content Delivery	Activity	No. of Periods	CLO's	Participatory Learning /Experiential Learning/ Problem-based Learning
8	Limitations	Lectures and PPTs	Group Discussion	1	1,2	Participatory Learning
1	UNIT III Product Markets and Pricing Product Markets	Lectures and PPTs	Group Discussion	2	1,2,3	Participatory Learning
2	Determination of price under Different Markets	Lectures and PPTs	Group Discussion, Quiz	2	3	Participatory Learning
3	Market Structure – Perfect Competition	Lectures and PPTs	Group Discussion	2	1,2,3	Experiential Learning
4	Monopoly	Lectures and PPTs	Group Discussion	1	1,2,3	Participatory Learning
5	Monopolistic Competition	Lectures and PPTs	Group Discussion	1	1,2,3	Experiential Learning

Module	Topic	Content Delivery	Activity	No. of Periods	CLO's	Participatory Learning /Experiential Learning/ Problem-based Learning
6	Duopoly	Lectures and PPTs	Group Discussion	1	1,2	Participatory Learning
7	Oligopoly	Lectures and PPTs	Group Discussion	1	1,2	Experiential Learning
8	Employment of Inputs Under Different Market Structures	Lectures and PPTs https://youtu.be/SAUWIFw3UI?si=yMQtdCYnXiX9EFAL	Group Discussion, Quiz	2	1,2,3	Participatory Learning
9	Price Discrimination – Degrees- Traditional Indian markets and pricing mechanisms	Lectures and PPTs	Group Discussion	3	2,4	Experiential Learning
1	UNIT IV Macro-Economic Environment: National Income Accounting for managers	Lectures and PPTs	Group Discussion	3	1,2,3	Experiential Learning

Module	Topic	Content Delivery	Activity	No. of Periods	CLO's	Participatory Learning /Experiential Learning/ Problem-based Learning
2	Determination of National Income	Lectures and PPTs	Group Discussion	1	2,3	Participatory Learning
3	Issues and Challenges	Lectures and PPTs	Group Discussion	2	1,2	Problem-based Learning
4	Business Cycles and business policies	Lectures and PPTs Business Cycles: Boom and Bust (youtube.com)	Seminar	4	1,2,3	Experiential Learning
5	Causes, indicators and prevention	Lectures and PPTs	Case study	2	3	Problem-based Learning
6	Monetary and Fiscal Policies	Lectures and PPTs	Group Discussion	3	4	Experiential Learning
1	UNIT V In the context of Globalization: Overseas Demand Analysis	Lectures and PPTs https://www.youtube.com/shorts/wdeZcGGplAE	Group Discussion	4	4	Participatory Learning

Module	Topic	Content Delivery	Activity	No. of Periods	CLO's	Participatory Learning /Experiential Learning/ Problem-based Learning
2	Capital Budgeting	Lectures and PPTs	Group Discussion	4	3	Participatory Learning
3	Foreign Exchange management in India	Lectures and PPTs	Group Discussion	4	4	Experiential Learning
4	Balance of Payments	Lectures and PPTs	Group Discussion	3	1,2,3	Problem-based Learning

Name of the course	Managerial Economics
Name of the Faculty	Ms.R.Sobiya
Participatory Learning	40 %
Experiential Learning	40 %
Problem-based Learning	20 %

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

PREAMBLE

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

COURSE LEARNING OUTCOMES

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

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

Mapping with Programme Learning Outcomes

CLOs	PLO1	PLO2	PLO3	PLO4	PLO5
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

UNIT I: 14 hrs

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

UNIT II: 15 hrs

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

UNIT III: 15 hrs

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

UNIT IV: 14 hrs

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

UNIT V: 15 hrs

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

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

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

Course Designers:

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

Module No.	Topic	No. of Hours Spent	Content delivery methods	CLO Level	Students Engagement	Participatory Learning/ Experiential Learning/ Problem based Learning
Unit – I 1	Introduction of Money, Definition	1	Lecture, discussion	1	Listening	Participatory Learning
2	Evolution Money - Indigenous systems of barter and trade in ancient India	2	Lecture, discussion	1	Group discussion	Participatory learning
3	Kinds - Functions – Significance - Drawbacks of money	5	PPT	1,2	discussion	Participatory learning
4	Money in a Capitalist Economy	1	https://www.youtube.com/watch?v=53vmQNVBm0w	4	Video observation	Experiential learning
5	Socialist Economy	1	https://www.youtube.com/watch?v=53vmQNVBm0w	4	Debate	Participatory learning
6	In a developing and mixed economy	1	https://www.youtube.com/watch?v=53vmQNVBm0w	4	Video observation	Experiential learning
7	Circular flow of money	3	PPT	1,2,3,4	Group discussion	Participatory learning
Unit – II 1	Monetary Standard	2	Lecture, discussion	2,3,4	Group discussion	Participatory learning
2	Meaning – attributes of a good monetary	2	Lecture	3,4	Group discussion	Participatory learning

Module No.	Topic	No. of Hours Spent	Content delivery methods	CLO Level	Students Engagement	Participatory Learning/ Experiential Learning/ Problem based Learning
	standard - Types of Monetary standard					
3	Gold Standard	1	https://www.youtube.com/watch?v=d3PCjk7YAo0	1,3,4	Video observation	Experiential learning
4	Metallic standard - Monometallic - Bimetallism - Gresham's Law	3	Lecture, discussion	3	Group discussion	Participatory learning
5	Paper currency standard	2	https://www.youtube.com/watch?v=-nZkP2b-4vo	4	Video observation	Experiential learning
6	Special features-Merits and Demerits - Principles and Methods of Note Issue	3	Lecture, discussion	3	Assignment	Participatory learning
7	Cryptocurrency - Historical Indian systems of currency, coinage, and trade networks	2	https://www.youtube.com/watch?v=1YyAzVmP9xQ	2	Video observation	Experiential learning
Unit – III	Value of Money	1	Lecture, Discussion	3,4	discussion	Participatory

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1						learning
2	Supply of Money	1	Lecture, discussion	3,4,	Group discussion	Participatory learning
3	Different view of money supply	2	Lecture	3,4	Group discussion	Participatory learning
4	Determinants of Money supply	2	https://www.youtube.com/watch?v=HN-CEfxLViI	3,4	Video observation	Experiential learning
5	Supply function	2	Lecture, discussion	2,4	Seminar	Participatory learning
6	Demand for Money	1	https://www.youtube.com/watch?v=V2bj1c2KYkQ	1,3,4	Video observation	Experiential learning
7	Fisher's Quantity Theory	1	Lecture, discussion	3	Group discussion	Participatory learning
8	Cambridge Equations	1	Lecture, discussion	2	Group discussion	Participatory learning
9	Keynes' Income Theory	2	Lecture	2	discussion	Participatory learning
10	Friedman's Restatement of Quantity Theory.	2	Lecture, Discussion	4	Group discussion	Participatory learning

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Unit – IV 1	Inflation Introduction	1	Lecture, Discussion	2	Group discussion	Participatory learning
2	Meaning of inflation	1	Lecture	3	Group discussion	Participatory learning
3	Features of inflation – Causes – Impact	1	PPT	2		
4	Types of inflation	1	https://www.youtube.com/watch?v=XqA27kgR2xc	2	Video observation	Experiential learning
5	Control Monetary policy	1		3,4	Group discussion	Participatory learning
6	Inflationary Gap	1	Lecture	3,4,	Group discussion	Participatory learning
7	Definition of Deflation - Causes - control	4	Lecture	3,4	discussion	Participatory learning
8	Stagflation	1	Lecture	2	Group discussion	Participatory learning
9	Trade Cycle – Phases - control	3	Lecture, Discussion	4	Group discussion	Participatory learning

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Unit – V 1	History of Banking System	1	Lecture, Discussion	2	Group discussion	Participatory learning
2	Central Banking – Functions of Central Bank	2	https://www.youtube.com/watch?v=cqGkm6qtRWg	2	Video observation	Experiential learning
3	Commercial Banking – Structure and Functions – Role of Commercial Banks in Economic Development	2	Lecture	3,4	Group discussion	Participatory learning
4	Development banking - Features	2	Lecture	3,4	Assignment	Participatory learning
5	Structure of Development banks in India	2	Lecture	3	Group discussion	Participatory learning
6	Non banking financial institutions	2	https://www.youtube.com/watch?v=cqGkm6qtRWg	2	Video observation	Experiential learning
7	Recent Trends in Banking - Green	3	Lecture, Discussion	4	Group discussion	Participatory learning

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	Banking - Products					
8	Indigenous banking systems in India	1	Lecture	3	Group discussion	Participatory learning

Name of the course	Money and Banking
Name of the Faculty	Ms.Lekshmi.S
Participatory Learning	40 %
Experiential Learning	40 %
Problem-based Learning	20 %