



PSGR Krishnammal College for Women



**DEPARTMENT OF ECONOMICS (AIDED)**

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

**SYLLABUS**

**BACHELOR IN ECONOMICS**

**2021 – 2022 Batch**



### **PROGRAMME LEARNING OUTCOMES: (PLOs)**

On completion of the programme students will be able to

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

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

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

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

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

### **PROGRAMME SPECIFIC OUTCOMES (PSOs):**

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

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

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



**DEPARTMENT OF ECONOMICS  
CHOICE BASED CREDIT SYSTEM &  
LEARNING OUTCOME BASED CURRICULAR FRAMEWORK (LOCF)  
SYLLABUS & SCHEME OF EXAMINATION**

Semester	Part	Subject Code	Title of the Paper		Instruction Hours / Week	Instruction Hours / Sem	Tutorial	Duration of Examination	Examination Marks			Credits
									CIA	ESE	Total	
I	I	TAM2101/ HIN2101/ FRE2101/ MAL2101	Language Paper I Tamil/Hindi/French	Language	6	86	4	3	50	50	100	3
I	II	ENG2101	English Paper I	English	6	86	4	3	50	50	100	3
I	III	ES21C01	<b>Core</b> Micro Economics I	CC	5	71	4	3	50	50	100	4
		ES21C02	Indian Economy	CC	5	71	4	3	50	50	100	4
I	III	EG21A01/ HI21A01/ TH21A01/ ES21A01/ ES21A02	<b>Allied (Optional papers)</b> English through classics I Principles of Modern Government/ Mathematical Statistics with R- I/ Indian Economic Development/ International Marketing	GE	6	86	4	3	50	50	100	5
I	IV	NME19B1/ NME19A1	Basic Tamil I/ Advanced Tamil I/	AEC	2	28	2	2	50	50	100	2
		NME21ES	Introduction to Entrepreneurship	AEC	2	26	4	2	100		100	
II	I	TAM2102/ HIN2102/ FRE2102/ MAL2102	Language Tamil/Hindi/French Paper II	Language	6	86	4	3	50	50	100	3
II	II	ENG2102	English Paper II	English	5	71	4	3	50	50	100	3
II	III	ES21C03	<b>Core</b> Micro Economics II	CC	5	71	4	3	50	50	100	4
		ES21C04	Statistics for Economics	CC	5	71	4	3	50	50	100	5

II	III	EG21A02 HI21A02 TH21A05 ES21A03 ES21A04 ES21A05	<b>Allied (Optional papers)</b> English Through Classics/ Indian Constitution/ Mathematical Statistics – II/ Economic Analysis/ Basics of Econometrics/ Money and Banking	GE	6	86	4	3	50	50	100	5
II	IV	NME19B2/ NME19A2	**Basic Tamil II/ Advance Tamil II	AEC	--	--	--	--	--	--	--	-
II	IV	21PEAS1	Professional English for Humanities	AEC	3	45	4	2	50	50	100	2
II	IV	OPS1808	Open course	AEC	Self Study online							
II	VI	NM12GAW	General Awareness	AEC	Self Study	--	--	Online Exam	100	--	100	Gr .
III	I	TAM2103/ HIN2103 FRE2103	<b>Language III</b> Tamil III/ Hindi III/ French III/ Malayalam III	Lang	6	86	4	3	50	50	100	3
	II	ENG2103	English Paper III	English	5	71	4	3	50	50	100	3
	III	ES21C05	<b>Group A - Core</b> Mathematical Methods	CC	4	56	4	3	50	50	100	4
		ES21C06	History of Economic Thought	CC	4	56	4	3	50	50	100	4
	III	EG21A03 BB21A03 HI21A03 ES21A06	<b>Group B - Allied Paper II</b> Cluster Writing for media Income Tax Indian Geography Demography	GE	6	86	4	3	50	50	100	5
III		ES21SBCE/ ES21SBP1	<b>Skill Based Subject</b> Coursera/ Computational Analysis using Excel	SEC	3	43	2	2	40	60	100	3



			of certificate									
	IV	NM21DTG	Design Thinking	Finishin g School Part A	2	26	4	--	100		1 0 0	2
	V	Extensi on Activit ies	NSS, NCC, YRC and Sports & Games, Eco Watch, YI Net, Rotaract, Yoga								1 0 0	
V	III	ES21C09 ES21C10	<b>Core</b> Macro Economics II International Economics	CC CC	7 7	103 103	2 2	3 3	50 50	50 50	100 100	5 5
	III	ES21E01/ ES21E02	Elective Tamil Nadu Economy/ Principles of Accounting	GE	7	103	2	3	50	50	100	3
	III	PROJ	Project with Viva – Voce	CC	4	60	--	--	--	--	100	4
	III		Online Comprehensive Examination		--	--	--	--	--	100	--	Gr .
	III	ES16AC1 / ES16AC2	<b>Advanced Learners Course</b> (Self Study) Rural Economy / Labour Economics	AEC	--	--	--	3	25	75	100	5
		INST1	Field Work/ Institutional Training								100	2
			Community Services 30 Hours								(Co mpl eted or not)	-
	IV	NM21CS1	Cyber Security I	AEC	2	30	-	-	100	-	100	Gr .
	III	ES20SBCE	Skill Based Subject - Coursera – 1.Business Analytics Executive overview 2. Business Information Economics and data monetization	SEC	3	45	-	-	100	-	100	3

			3. Business Information management and measurement										
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**CC-Core Courses; AEC – Ability Enhancement Course; GE-Generic Elective; 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>
<b>ES21C01</b>	<b>Micro Economics I</b>	<b>C</b>	<b>71</b>	<b>4</b>	<b>-</b>	<b>4</b>

### **PREAMBLE**

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

### **COURSE OUTCOMES**

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

<b>CLO Number</b>	<b>CO 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>	Understand Economics and dynamics, exception of law of demand-factors affecting supply- scale of production- short run and long run production function - Marginal rate of technical substitution, short run and long run cost curves	K2
<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	K3
<b>CLO5.</b>	Analyse consumer surplus- Revealed preference theory- Elasticity of demand-Measurement- Production functionCES linear production function, Types of cost- Relationship between AR and MR	K3

### **Mapping with Programme 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
CLO5.	S	S	M	M	M

S- Strong; M-Medium; L-low



**SYLLABUS**  
**CORE PAPER I -MICRO ECONOMICS I ES21C01**

**Unit I- Introduction 14Hrs**

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

**Unit II- Consumer Behavior: 15 hrs**

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

**Unit III – Demand Analysis : 15 hrs**

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

**Unit IV – Production: 14hrs**

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

**Unit V – Cost and Revenue 13 hrs**

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

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

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

**Course Designers:**

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

<b>COURSE NUMBER</b>	<b>COURSE NAME</b>	<b>Category</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>Credit</b>
<b>ES21C02</b>	<b>INDIAN ECONOMY</b>	C	71	4	-	4

**PREAMBLE**

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

**COURSE OUTCOMES**

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

<b>CLO Number</b>	<b>CO Statement</b>	<b>Knowledge Level</b>
<b>CLO1.</b>	Define basic concepts in Economic Growth and Development, Determinants of growth, industrial policy, unemployment- Agricultural Marketing, Green Revolution, Agricultural Finance- NABARD	K <sub>1</sub>
<b>CLO2.</b>	Understand the features of developed nations- defects of agricultural marketing, Indian Agriculture, Causes for Low Productivity- Agricultural Finance-Need for credit	K <sub>2</sub>
<b>CLO3.</b>	Explain the difference between growth and development-Role of agriculture- Sources of NABARD - Role and Problems of MSMEs Large Scale Industries -Causes and measures to improve capital Formation in India- Achievements	K <sub>2</sub>
<b>CLO4.</b>	Discuss the features of Indian Economy, Agricultural marketing measures – Industrial policies - Population in India, Poverty – causes and measures - employment generation schemes Introduction to Industry 4.0 and 5.0	K <sub>3</sub>
<b>CLO5.</b>	Analyse the non-institutional sources cooperative society- commercial Banks-need for Planning and objectives, five year plans, Liberalisation, Privatisation and Globalisation, Impact of Industry 4.0 on Society, Business, Government and People	K <sub>3</sub>

**Mapping with Programme 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
CLO5	S	M	S	S	S

S- Strong; M-Medium; L-low

**SYLLABUS**  
**CORE PAPER II – INDIAN ECONOMY ES21C02**

**UNIT I : 14 hrs**

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

*UNIT II: 14 hrs*

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

*UNIT III: 18hrs*

Concept of Industrialization –Industrial Policy Resolution 1948, 1956 and New Industrial Policy 1991 –Role and Problems of MSMEs- Large Scale Industries –Introduction to Industry 4.0 - Need for Adopting Industry 4.0 - skills required- Impact of Industry 4.0 on Society, Business, Government and People - Introduction to 5.0 - Capital Formation – Meaning – Process.

*UNIT IV : 13hrs*

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

*UNIT V : 12hrs*

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

<b>TEXT BOOK</b>	1.Sankaran.S	Indian Economy (Problems, Policies and Development)	Margham Publications, Chennai.	2013
	2.Dutt &Ruddar	Indian Economy	S.Chand Publishers, New Delhi.	2012
<b>REFERENCE</b>	1. Agarwal. A.N	Indian Economy	WishwaPrakashan New Delhi	2012
	2.Dhingra.IC	Indian Economy	Sultan Chand and Sons, New Delhi	2014
	3. Misra&Puri	Indian Economy	Himalaya Publishing Houses, Mumbai	2019
<b>Related Online Contents :</b> 1.Introduction to Industry 4.0 and Industrial Internet of Things by Prof.SudipMishra,IITKharagpur.				
2. A Complete Guide to Industry 4.0-Udemy				

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

**Course Designers:**

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

Course Number	Course Name	Category	L	T	P	Credit
ES21A01	INDIAN ECONOMIC DEVELOPMENT	A	86	04		5

#### Preamble

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

#### Course Outcomes

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

CLO Number	CO Statement	Knowledge Level
CLO1.	Understand the meaning of growth and development, green revolution, , new economic policy-liberalisation, globalization, privatization- Small scale industry poverty, unemployment, agricultural marketing, budget, Planning, National Income	K1
CLO2.	Explain the growth and development- role of NABARD-importance of industrialization - role of agriculture-causes for low productivity-features-causes for population and poverty	K2
CLO3.	Illustrate major issues of development-Agricultural marketing – defects-Large scale industries-Government programmes to reduce unemployment- uses of National Income - measures, Role and problems of MSMEs	K2
CLO4.	Discuss the Industrial policies 1948, 1956, New industrial policy, effects, Large scale industries-causes and measures to alleviate poverty and unemployment, population, need for planning- Five year Plans	K3
CLO5.	Elaborate the Demographic features of Indian Economy, developed economy -procedure for preparing the budget Measurement of national income- Difficulties in calculation - types of budget, Five year plans - current budget	K3

#### Mapping with Programme Outcomes

CLOs	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1.	S	S	S	S	S
CLO2.	S	S	M	S	S
CLO3.	S	S	S	S	S
CLO4.	S	S	S	S	S
CLO5.	S	M	S	S	S

S- Strong; M-Medium; L-low

## SEMESTER I - ALLIED PAPER I – INDIAN ECONOMIC DEVELOPMENT ES21A01

UNIT I : 17 hrs.

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

**UNIT II : 18 hrs.**

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

UNIT III : 16 hrs.

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

UNIT IV : 19 hrs.

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

**UNIT V : 16 hrs.**

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

### TEXT BOOK

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

### REFERENCE BOOKS

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

Pedagogy: Lecture (Chalk & talk), group discussion, OHP, 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
ES21A02	INTERNATIONAL MARKETING	A	86	04		5

#### Preamble

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

#### Course Outcomes

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

CLO Number	CO Statement	Knowledge Level
CLO1.	Define the concepts of International marketing, trading blocks, economic development, internet, ASEAN, NAFTA, SAFTA, COMECON, MNCs, Marketing Research, Regional Co-operation	K1
CLO2.	Understand Production Possibility Curve, Principle of Absolute Advantage , Principle of Relative Advantage, Factor Endowment theory, Porter's diamond model, the stages of economic development with features in order to know required markets and making business decision	K2
CLO3.	Discuss Need for marketing research, Sources of Information, Primary research, Secondary research, Sampling, Basic methods of data collection, International Market Selection, Segmentation , Market Selection Process , Strategies ,International Marketing	K3
CLO4.	Examine Economic Co-operation Agreements, Trading blocks, Multinational Market Regions and Market Groups.	K4

#### Mapping with Programme Outcomes

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

S- Strong; M-Medium; L-low

## **SEMESTER I -ALLIED PAPER II - INTERNATIONAL MARKETING ES21A02**

### **Unit I : 18 hrs.**

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

### **Unit II : 17 hrs**

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

### **Unit III : 17 hrs.**

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

### **Unit IV : 17 hrs**

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

### **Unit V : 17 hrs**

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

### **TEXT BOOK**

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

### **REFERENCE BOOKS**

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

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

### **Course Designers:**

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

## SEMESTER – I - FOUNDATION COURSE

Course Number	Course Name	Category	L	T	P	Credit
NME21ES	Introduction to Entrepreneurship		26	4		2

### Unit 1:(5 hrs)

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

Meaning –Need for Entrepreneurship –Qualities of Successful Entrepreneurs - Myths of Entrepreneurship

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

### Unit 2: (6 hrs)

#### Role of Entrepreneurs (4 hrs)

Significance of Entrepreneurship to the nation –Environmental Factors influencing Entrepreneurship – Entrepreneurial Process and Functions- Challenges faced by Entrepreneurs

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

### Unit 3: (6 hrs)

#### Formulation of Business Idea: (4 hrs)

Business Idea Generation - Entrepreneurial Imagination and Creativity – Role of Innovation – Opportunity Evaluation

**Activity:** Business Idea Pitch (2 hrs)

### Unit 4: (6 hrs)

#### Business Planning: (4 hrs)

Need for Market Study – Securing Finance from various Sources - Significance of Business plan – Components of Business plan

**Activity:** Schemes available for Entrepreneurs (2 hrs)

### Unit 5: (7 hrs) (7 hrs)

#### Project:

**Interface with Successful Entrepreneurs** – 4 hrs

**Business Plan Presentation** – 3 hrs

### Reference Books

<b>1. D.F. Kuratko and T.V. Rao</b>	<b>Entrepreneurship - South Asian Perspective</b>	<b>Cengage Learning India Pvt. Ltd. Delhi</b>	<b>2016</b>
<b>2. Arya Kumar</b>	<b>Entrepreneurship: Creating and Leading an Entrepreneurial Organization</b>	<b>Pearson Education India</b>	<b>2012</b>

### Internal Pattern

CIA I and II –50 Marks(2 hrs)Each- 100 marks -

Converted into60 Marks

Activity(Quiz-5,Assignment-5, Schemes for Entrepreneurs - 5, Idea Pitch -5) - 20 Marks

Project (Business Plan Presentation)

- 20 Marks

Total - 100 Marks

Question paper pattern for CIASection-

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

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

Total =50 marks



<b>COURSE NUMBER</b>	<b>COURSE NAME</b>	<b>Category</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>Credit</b>
<b>ES21C03</b>	<b>MICRO ECONOMICS II</b>	C	71	4	-	4

## **PREAMBLE**

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

## **COURSE OUTCOMES**

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

<b>CLO Number</b>	<b>CO Statement</b>	<b>Knowledge Level</b>
<b>CLO1.</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>CLO2.</b>	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>CLO3.</b>	Explain factors influencing markets, role of Time Element in Value Analysis, types of price discrimination, Reason for price rigidity classification of oligopoly.	K2
<b>CLO4.</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>CLO5.</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.	K3

## **Mapping with Programme Outcomes**

<b>CLOs</b>	<b>PO1</b>	<b>PLO2</b>	<b>PLO3</b>	<b>PLO4</b>	<b>PLO5</b>
CLO1.	S	S	S	S	M
CLO2.	S	S	M	S	M
CLO3.	S	S	M	M	M
CLO4.	S	S	S	M	M
CLO5.	S	S	S	S	S

S- Strong; M-Medium; L-low

**Syllabus**  
**CORE PAPER III -MICRO ECONOMICS II ES21C03**

**UNIT I : 13 Hrs**

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

**UNIT II : 14 Hrs**

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

**UNIT III : 14 Hrs**

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

**UNIT IV : 15 Hrs**

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

**UNIT V: 15 Hrs**

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

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

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

**Course Designers**

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

<b>COURSE NUMBER</b>	<b>COURSE NAME</b>	<b>Category</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>Credit</b>
<b>ES21C04</b>	<b>STATISTICS FOR ECONOMICS</b>	<b>C</b>	<b>71</b>	<b>04</b>		<b>5</b>

### **PREAMBLE**

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

### **COURSE OUTCOMES**

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

<b>CLO Number</b>	<b>CO Statement</b>	<b>Knowledge Level</b>
<b>CLO1.</b>	Define the concepts of Statistics, „Statistics as Science or Art, Collection of Data, and Classification and tabulation of Data Average - Dispersion Inter Quartile – Mean Deviation – Standard Deviation – Co-efficient of Variation	K1
<b>CLO2.</b>	Explain features of statistics – Importance-Functions- Mean – Median – Interquartile- coefficient of variation – methods of Dispersion- Role of Poisson distribution-Importance and properties of normal distribution	K2
<b>CLO3.</b>	Understand the difference between Regression and Correlation, Methods - Graphic Method- Algebraic method- Experiments and events – Properties of binomial distribution	K2
<b>CLO4.</b>	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
<b>CLO5.</b>	Analyse measures of Central Tendencies –Probability- Theorems of Probability- Addition Theorem- Multiplication Theorem- Conditional Probability- Bayes theorem- Mathematical expectation- Properties – conditions for normality	K3

### **Mapping with Programme Outcomes**

<b>CLOs</b>	<b>PO1</b>	<b>PLO2</b>	<b>PLO3</b>	<b>PLO4</b>	<b>PLO5</b>
CO1.	S	S	S	S	S
CO2.	S	S	S	S	M
CO3.	S	S	S	S	S
CO4.	S	M	S	S	S
CO5.	S	S	S	S	S

S- Strong; M-Medium; L-low

## SYLLABUS

### CORE PAPER V – STATISTICS FOR ECONOMICS ES21C04

#### UNIT I: 13 hrs

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

#### *UNIT II: 14 hrs*

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

#### *UNIT III: 15hrs*

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

#### UNIT IV: 14hrs

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

#### UNIT V: 15hrs

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

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

25 percent of the Question Paper should contain Theory Questions

#### Course Designers:

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

Course Number	Course Name	Category	L	T	P	Credit
ES21A03	ECONOMIC ANALYSIS	A	86	04		5

### Preamble

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

### Course Outcomes

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

CLO NUMBER	CO STATEMENT	KNOWLEDGE LEVEL
CLO1.	Define and list out various Economic concepts like wants, utility demand, supply, elasticity, cost, production, factors of production, perfect competition, monopoly, Price discrimination, monopolistic competition and Oligopoly.	K1
CLO2.	Understand the producer goods and consumer goods, perishable goods and durable goods, autonomous demand and induced demand – Price discrimination types- monopolistic competition and oligopoly	K2
CLO3.	Explain the law of demand, supply, types of elasticity indifference curves, indifference map, Isoquant, Wages – Theories – Economies and diseconomies of scale – Liquidity Trap	K2
CLO4.	Describe theories on distribution of wealth, Marginal Productivity theory, Ricardo's Rent theory, Schumpeters Profit theory, Dynamic Theory, Keynes Liquidity Preference theory.	K3
CLO5.	Discuss the principles relevant to supply of goods and producer behaviour under various market structures, Law of Variable Proportions, Laws of Returns, Returns to Scale, theory of Interest – Keynes Liquidity preference, Least Cost Combination, Producer's equilibrium	K3

### Mapping with Programme Outcomes

CLOs	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1.	S	S	S	S	S
CLO2.	S	M	S	S	S
CLO3.	S	S	S	S	S
CLO4.	S	S	S	S	S
CLO5.	S	S	S	M	S

S- Strong; M-Medium; L-low

## Syllabus

### SEMESTER II -ALLIED PAPER- III- ECONOMIC ANALYSES21A03

#### UNIT I : 16 hrs.

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

UNIT II : 16 hrs.

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

#### UNIT III : 18 hrs.

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

#### UNIT IV :20 hrs.

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

UNIT V : 16 hrs.

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

#### TEXT BOOK

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

#### REFERENCE BOOKS

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

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

#### Course Designers:

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

Course Number	Course Name	Category	L	T	P	Credit
ES21A04	BASICS OF ECONOMETRICS	A	86	4		5

### Preamble

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

### Course Outcomes

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

CLO Number	CO Statement	Knowledge Level
CLO1.	Define the concepts like econometric research- Economic statistics - data hypothesis forecasting –linear function - trend value heteroscedasticity autocorrelation multicollinearity dummy variable dummy variable trap	K1
CLO2.	Explain the properties of estimators properties of OLS estimators – Distinguish between simple and multiple regression model - auto Correlation - heteroscedasticity- multicollinearity-OLS principles - uses of dummy variables	K2
CLO3	Explain the methodology of econometric research – validation of OLS estimation of a simple regression model – Dummy variable Trap	K2
CLO4	Examine the exponential functions - the functional forms of regression model testing the hypothesis trend values Analysis of variance – Multicollinearity- causes- consequences	K3
CLO5.	Describe the significance of dummy variables, Autocorrelation, OLS Method, Heteroscedasticity	K3

### Mapping with Programme Outcomes

CLOs	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1.	S	S	S	M	S
CLO2.	S	S	S	S	S
CLO3.	S	M	S	S	S
CLO4.	S	S	S	S	S
CLO5.	S	S	S	M	S

S- Strong; M-Medium; L-low

**Syllabus**  
**SEMESTER -II - ALLIED PAPER IV – BASICS OF ECONOMETRICSSES21A04**

**UNIT I : 18hrs.**

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

**UNIT II : 16 hrs.**

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

**UNIT III : 18 hrs.**

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

**UNIT IV : 18 hrs.**

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

**UNIT V : 16 hrs.**

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

**TEXT BOOK**

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

**REFERENCE BOOKS**

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

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

**Course Designers:**

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



<b>COURSE NUMBER</b>	<b>COURSE NAME</b>	<b>CATEGORY</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>CREDIT</b>
<b>ES21A05</b>	<b>MONEY AND BANKING</b>	<b>A</b>	<b>86</b>	<b>04</b>	<b>-</b>	<b>5</b>

### **PREAMBLE**

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

### **COURSE OUTCOME**

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

<b>CLO Number</b>	<b>CO Statement</b>	<b>Knowledge Level</b>
<b>CLO1.</b>	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	<b>K1</b>
<b>CLO2.</b>	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.	<b>K2</b>
<b>CLO3.</b>	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	<b>K2</b>
<b>CLO4.</b>	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	<b>K3</b>
<b>CLO5.</b>	Analyse the functions of money, Methods of Note-issue, Keynes Income theory, methods of credit control and role of banks in development process, Functions of central bank.	<b>K3</b>

### **Mapping with Programme Outcomes**

<b>CLOs</b>	<b>PO1</b>	<b>PLO2</b>	<b>PLO3</b>	<b>PLO4</b>	<b>PLO5</b>
CLO1.	S	S	S	S	S
CLO2.	S	M	S	S	S
CLO3.	S	S	S	S	S
CLO4.	S	S	S	S	S
CLO5.	S	S	M	S	S

S- Strong; M-Medium; L-low

## Syllabus

### SEMESTER II -ALLIED PAPER-V - MONEY AND BANKINGES21A05

#### UNIT I : 16 hrs.

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

#### UNIT II : 16 hrs.

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

#### UNIT III : 18 hrs.

Value of Money – Supply of Money –Different view of money supply - Determinants of Money supply – supply function – Demand for Money – Fisher’s Quantity Theory – Cambridge Equations – Keynes’ Income Theory – Friedman’s Restatement of Quantity Theory.

#### UNIT IV : 18 hrs.

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

#### UNIT V : 18 hrs.

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

#### TEXT BOOK

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

#### REFERENCE

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

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

#### Course Designers:

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

<b>COURSE NUMBER</b>	<b>COURSENAME</b>	<b>Category</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>Credit</b>
<b>ES21C05</b>	<b>MATHEMATICAL METHODS</b>	<b>C</b>	<b>56</b>	<b>04</b>		<b>4</b>

### **Preamble**

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

### **Course outcomes**

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

<b>CLO NUMBER</b>	<b>CO Statement</b>	<b>Knowledge level</b>
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	Understand 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 maximisation, conditions for Maxima and Minima – Higher order derivatives, determinants, crammer's rule, Economic Application of total cost and total revenue	K4

### **Mapping with Programme 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	S	M	S
CLO3	S	S	S	S	S
CLO4	S	S	S	S	S

S-Strong; M- Medium; L –Low

**SYLLABUS**  
**CORE PAPER VII - MATHEMATICAL METHODS – ES21C05**

**UNIT I:12hrs**

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:11hrs**

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

**UNIT III: 11 hrs**

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

**UNIT IV: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**.

**UNIT V: 12hrs**

Integration – Meaning - Rules of Integration – Addition – Subtraction - Definite Integral; Economic application - Total cost - Total Revenue, **Consumers Surplus, Producers Surplus– Simple Problems**. Set theory – Meaning – Finite sets – Infinite sets – Null set – Subset (Theory)

<b>TEXT BOOK</b>	1.Metha&Madnani	Mathematical Methods	Sultan Chand and Sons, NewDelhi	2007
	2Agarwal .S	Mathematical Methods	Sultan Chand and sons New Delhi	2010
<b>REFERENCE</b>	1.Allen R.G.D	Introduction to Mathematical Analysis for Economics	Prentice Hall of India, NewDelhi	2002
	2.Bose.D	Mathematical Methods	Vrinda Publications, New Delhi	2004
	3Chandhury .S.K	Mathematical Methods	Sumit enterprises New Delhi	2009

Pedagogy: Lecture (Chalk & talk)25 percent of the Question Paper should contain Theory Questions

**Course Designers:** 1.Dr.Mrs. K. Renuka, Associate Professor, Department of Economics

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

COURSE NUMBER	COURSENAME	Category	L	T	P	Credit
ES21C06	HISTORY OF ECONOMIC THOUGHT	C	56	4	-	4

### Preamble

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

### Course outcomes

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

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

### Mapping with Programme Outcomes

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

S-Strong; M-Medium; L-Low

**CORE PAPER – HISTORY OF ECONOMIC THOUGHT ES21C06**

**UNIT I: 12 hrs**

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

**UNIT II: 11 hrs**

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

**UNIT III: 11 hrs**

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

**UNIT IV: 11 hrs**

Institutionalism– Essential ideas – Thorstein Bunde Veblen -J.R. Hicks-**J.M.Keynes** - Welfare Economics – A.C. Pigou – **Paretian**- New Welfare Economics.

**UNIT V: 11 hrs**

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

<b>TEXT BOOK</b>	1.S.K.Srinivasan	History of Economic Thought	S Chand & Co. Ltd., New Delhi	2009
	2. V..Loganathan	Economic Thought	S.Chand Co. Ltd., New Delhi	2015
<b>REFERENCE</b>	1.S.Sankaran	Economic Thought	Margham Publication, Chennai	2015
	2.H.L. .Bhatia	A History of Economic Thought	Vikas Publishing House pvt ltd, Chennai	2009.
	3.T.N.Hajela	History of Economic Thought	Ane Books pvt.Ltd,	2008
<b>Pedagogy: Lecture (Chalk &amp; talk), Group discussion, concept clarification, Debate,</b>				

**debate, seminar**

**Course Designers:**

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

<b>COURSE NUMBER</b>	<b>COURSENAME</b>	<b>Category</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>Credit</b>
<b>ES21A06</b>	<b>DEMOGRAPHY</b>	<b>A</b>	<b>86</b>	<b>04</b>	<b>-</b>	<b>5</b>

**Preamble**

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

**Course outcome**

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

<b>CLO NUMBER</b>	<b>CO Statement</b>	<b>Knowledge level</b>
<b>CLO1</b>	Define Population, Census, Vital Events, Theories of Population, Fertility, Mortality, Migration, Infant mortality, Family Planning, National Population Policy, Demographic Research, Demographic Forecasting	K1
<b>CLO2</b>	Distinguish between Demography and population, sources of Demography Data, Malthusian theory and Optimum theory, population policy and family planning	K2
<b>CLO3</b>	Understand the importance of demography, limitation, causes for rapid population growth, factors affecting death rate, causes of infant mortality, , factors determining Fertility	K3
<b>CLO4</b>	Analyze and Examine the Fertility Rate, Mortality Rate, effects of migration on the Economy, causes and consequences of high population growth, governmental measures, National Population Policy and Demographic issues	K4

**Mapping with Programme Outcomes**

<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

**ALLIEDPAPER-I      DEMOGRAPHY ES21A06**

**UNIT I: 16 hrs**

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

**UNIT II: 16 hrs**

**Theories of population:** - **Malthusian Theory - Optimum Theory**– Biological theories - Thomas doubleDay’s Diet theory - Jouse De castro’s protein consumption theory - Michael Thomas Sadler’s Biological theory - **Herbert spencer’s biological theory**- Sociological and Economical theories – Dumont’s theory of Social Capillarity - Karl Marx’s theory of surplus population Leibenstein’s Motivational theory of population - **The theory of demographic transition.**

**UNIT III: 20 hrs**

**Determinants of Population Growth:** Meaning of Fertility and Mortality – **Measurement and Determinants**– Economic, Social and biological factors -**Causes of Infant Mortality**- Migration-Meaning – Types – Factors - Theories of Migration – Everett Lee’s Theory – Duncan Theory – Lewis Model - Effects of Migration – **Brain Drain – Causes and Remedies.**

**UNIT IV: 16 hrs**

**Population in India:** Size – Growth Rate – **Sex Ratio – Density - Trends in India’s Population – Demographic Dividend – Meaning** -Causes for rapid Population Growth- Effects of high Population Growth – **National Population Policy - Objectives – Targets**- Family planning in India – Need – Achievement of family planning programme in India – Suggestions to improve.

**UNIT V: 18 hrs**

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

TEXT BOOK	1. Asha. A Bhende&TaraKankar	Principles of Population Studies	Himalya Publishing House, New Delhi .	2005
	2.Ragavender	Migration	Abhijeet publication new Delhi	2011
REFERENCE	1.Agarwal.S.N	India’s Population Problem	Tata McGraw-Hill, Delhi	2000
	2. Srivatsava.S	Demography	Sultanchand sons private Ltd.NewDelhi	2001
	3 B.N. Ghosh	Population Economics	Meenalashi publication	2000

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

**Course Designers:**

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



<b>COURSE NUMBER</b>	<b>COURSENAME</b>	<b>Category</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>Credit</b>
ES21SBP1	Computational Analysis using Excel	C	43	2		3

### **Preamble**

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

### **Course outcomes**

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

<b>CLO Number</b>	<b>CO Statement</b>	<b>Knowledge Level</b>
CLO1	Recall the working of Excel in worksheet.	K1
CLO2	Explain the formulas and functions	K2
CLO3	Compute charts and graphs, pivot tables and finding out the output for the analysis.	K3
CLO4	Analyzing the importance of data validation and visualisation	K4

### **Mapping with Programme Outcomes**

<b>CLOs</b>	<b>PLO 1</b>	<b>PLO 2</b>	<b>PLO 3</b>	<b>PLO 4</b>	<b>PLO 5</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; L-Low

## SYLLABUS

### COMPUTATIONAL ANALYSIS USING EXCEL

#### Unit I: 8hrs

– **Introduction:** Starting EXCEL- Create, open and save workbook, worksheets- Quick access tool bar – Customise Ribbon - Formatting a cell and worksheet

#### Unit II: 9 hrs

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

#### Unit III: 8hrs

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

#### Unit IV: 9 hrs

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

#### Unit V: 9 hrs

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

#### Textbook:

1.Vikas Gupta	Business Accounting with MS Excel 2010	Dreamtech press	2010
2.Michael Price	Excel 2007	McGraw Hill	2010

#### Reference Books

1. Narayana.D, SharadRanjan and NupurTyagi	Basic computational Techniques for data analysis: An exploration in MS-Excel	Sage Publications	2021
2. John Walkenbach	Microsoft Excel 2016 Bible: The comprehensive tutorial resource	John Wiley and sons Inc.	2016
3. Manish Nigam	Advance Excel 2019 Training Guide	BPB Publications	2019

Pedagogy: Lecture (Chalk & talk), PPT presentation

#### Course Designers

1. Dr.S.PadmaAnnakamu, Assistant Professor, Department of Economics
2. Dr.G.D.JasmineDeporal, Assistant Professor, Department of Economics

## JOB ORIENTED COURSE- JOB1903

### Foundation Course for Civil Service Examination

#### PAPER I

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

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

**Total no. of hours – 60**

#### Reference Books

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

<b>COURSE NUMBER</b>	<b>COURSENAME</b>	Category	L	T	P	Credit
<b>ES21C07</b>	<b>MACRO ECONOMICS I</b>	A	56	4	-	4

### **Preamble**

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

### **Course outcomes**

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

<b>CLO Number</b>	<b>CO Statement</b>	<b>Knowledge Level</b>
CLO1.	Define the concepts of macro economics, Circular flow of income, National income, social income accounting, consumption function, meaning of capital and investment Employment, Effective demand, Absolute income hypothesis, relative income hypothesis, permanent income hypothesis, life cycle hypothesis, Marginal efficiency of investment	K1
CLO2.	Distinguish micro and macro economics, explain the importance of National income and, Social Accounting and their uses, explain the properties of consumption function Understand the evolution of macro economics, explain the Keynesian, theories, Classical theories, Say's law of market, theories of consumption function	K2
CLO3.	Examine various concepts of National Income, measuring methods, problems involved in measuring national income, importance of social accounting	K3
CLO4.	Analyse the circular flow of income in various sectors, computation of national income , calculate Marginal propensity to consume and Average propensity to consume	K4

### **Mapping with Programme 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	M	S	S	S

S - Strong; M-Medium; L-low

## SYLLABUS

### CORE PAPER -MACRO ECONOMICS I ES21C07

#### UNIT:1 10 hrs

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

#### UNIT:2 11 hrs

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

#### UNIT:3 12 hrs

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

#### UNIT:4 12hrs

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

#### UNIT:5 11 hrs

Meaning of Capital and Investment: **Types**-Determinants of the Investment-Marginal Efficiency of Capital –Marginal efficiency of investment- Meaning of saving function – Determinants of Savings -Average Propensity to Save and Marginal Propensity to Save.

### TEXT BOOK

1.M.L.Jhingan	Macro Economic Theory	Vrinda Publication Pvt Ltd, New Delhi.	1997
2.Kaveri& others	Macro Economics	Chand and chand publishers, New Delhi	2008

### REFERENCE BOOKS

1.E Shapiro	Macro Economics	Galgotia Publications Pvt Ltd, New Delhi.	2000
2.M.C.Vaish	Macro Economics Theory	WishwaPrakasham , New Delhi.	2000
3.S. Sankaran	Macro Economics	Margham Publications, Chennai.	2000

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

#### Course Designers:

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

<b>COURSE NUMBER</b>	<b>COURSE NAME</b>	<b>CATEGORY</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>CREDIT</b>
<b>ES21C08</b>	<b>PUBLIC FINANCE</b>	<b>C</b>	<b>56</b>	<b>4</b>	<b>-</b>	<b>4</b>

### **Preamble**

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

### **Course outcome**

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

<b>CLO Number</b>	<b>CO Statement</b>	<b>Knowledge Level</b>
CLO1	Define the concepts of Public and Private Finance– Principle of Maximum Social Advantage, Public Goods - Private goods -Mixed Goods, Public revenue, taxation, impact, public expenditure, public debt, budget, fiscal policy, finance Commission	K1
CLO2	Distinguish private and public finance – tax and non-tax revenue and expenditure, direct tax and indirect tax, Factors determining incidence of tax, cannon of taxation, tax on commodities, GST	K2
CLO3	Analyse the effects of public expenditure, public revenue, causes and Growth of Public Debt types of revenue, Sources of Borrowing – Classification of Public Debt – Meaning – types, discuss the Redemption of Public Debt.	K3
CLO4	Examine Principle of Maximum Social Advantage, control of public expenditure, procedure for preparing Budget, Fiscal policy instruments, principles of federal finance, current finance commission	K4

### **Mapping with Programme 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	S
CLO3.	S	S	S	S	S
CLO4.	S	S	S	S	S

S - Strong; M-Medium; L-low

## Core Paper VIII- PUBLIC FINANCE – ES21C08

### UNIT I : 12hrs

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

### UNIT II: 11hrs

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

### UNIT III: 11hrs

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

### UNIT IV : 12hrs

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

### UNIT V : 10 hrs

Fiscal Policy – Meaning – Instruments - **Federal Finance** – **Principles** – Problems – Tax Reform proposals of **Kelkar Committee**-Finance Commission – Highlights of Current Finance Commission.

<b>TEXT BOOK</b>	Tyagi.B.P	Public Finance	Jaiprakash Nath and Company, Meerut	2008
<b>REFERENCE</b>	R. P.Musgrave P.B.Musgrave	Public Finance	Tata Macgrail	2008
<b>2</b>	Sankaran.S	Fiscal Economics	Margham Publications, Chennai	2007
<b>3</b>	Dr.M.Girija, Dr.U.K.SudhaNayak. R.Cauvery	Public Finance	S.Chand and Company, New Delhi.	2008

Pedagogy: Lecture (Chalk & talk), group discussion, visualization, concept simulation, brainstorming session, debate, ppt.

### Course Designers

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

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

<b>COURSE NUMBER</b>	<b>COURSENAME</b>	<b>CATEGORY</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>CREDIT</b>
<b>ES21A07</b>	<b>RESEARCH METHODOLOGY</b>	<b>A</b>	<b>86</b>	<b>4</b>	<b>-</b>	<b>5</b>

### Preamble

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

### Course outcomes

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

<b>CLO Number</b>	<b>CO Statement</b>	<b>Knowledge Level</b>
CLO1.	List out the meaning of research, types and features of good research, interpretation, report writing, hypothesis, types of sampling design and the steps involved in it, find the type of hypothesis	K1
CLO2.	Explain the objectives of research, criteria for good research, characteristics of sampling, Differentiate Primary and secondary data, various methods of data collection, classification and sorting, Importance of report writing.	K2
CLO3.	Examine the research process, primary data, Observation method, Interview method, Questionnaire method, Schedules, Secondary data, research design, processing of data, levels of significance, layout of research report	K3
CLO4.	Analyse the steps in Report writing, formulation of Hypothesis, need for report writing and interpretation, Layout of research report.	K4

### Mapping with Programme 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; L-low



## RESEARCH METHODOLOGY ES21A07

### Unit I-18 hours

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

### Unit II-18 hours

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

### Unit III-14 hours

Measurement and data Collection: Scales – **Meaning** – **Types** – **Data collection** – Methods of data collection – Observation method – Interview method – Questionnaire method – Schedules – Secondary data – Other methods

### Unit IV-18 hours

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

### Unit V-18 hours

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

<b>TEXT BOOK</b>	Kothari C R	Research Methodology – Methods and Techniques	New Age International Publishers, New Delhi	2008
	R Meenakshi, M Girija, R Cauvery And U K SudhaNayak	Research Methodology	S. Chand, New Delhi	2003
<b>REFERENCE</b>	Tripathi PC	A Textbook of Research Methodology	Sultan Chand & Sons	2014
	Pannerselvam.R	Research Methodology	PHI Learning Pvt Ltd, Delhi	2013
	Kenneth S.Bordens, Bruce B. Abbot	Research Design and Methods -A Process Approach	Tata McGraw, Hill Publishing	2007

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

#### Course Designers:

- 1.Dr.Mrs. C. Athena, Assistant Professor, Department of Economics
- 2.Dr.Mrs. S. Padma Annakamu, Assistant Professor, Department of Economics

<b>COURSE NUMBER</b>	<b>COURSENAME</b>	<b>CATEGORY</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>CREDIT</b>
<b>ES21SBP2</b>	<b>COMPUTER APPLICATIONS IN ECONOMICS I Using SPSS</b>	<b>C</b>	<b>43</b>	<b>2</b>		<b>3</b>

**Preamble**

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

**Course outcomes**

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

<b>CLO Number</b>	<b>CO Statement</b>	<b>Knowledge Level</b>
CLO1.	Defines SPSS, input, output, data view, variable view, coding	K1
CLO2.	Understanding the concepts and Creating a working file, Entering Data, Saving a data file, Opening a saved file- Tabulation	K1
CLO3.	Differentiate Scales of measurement and Creating basic Graphs and Chart using dialog boxes and Chart builders	K2
CLO4.	Analyse Mean, Median, Mode, Range, Standard Deviation, Variance, Correlation and Computation & Interpretation.	K3

**Mapping with Programme Outcomes**

<b>CLOs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</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; L-Low

**SEMESTER IV**  
**COMPUTER APPLICATIONS IN ECONOMICS I USING SPSS**

**SUBJECT CODE: ES21SBP2 (45 Hrs)**

**Unit I (9Hrs)**

**Starting with SPSS:** Launching SPSS – Data view – Variable view- Coding- Recoding – Creating a working file – Entering Data – Saving a data file – Opening a saved file- Tabulation.

**Unit II (8Hrs)**

**Levels of Measurement:** Scales – Nominal and Ordinal Scales – Creating basic Graphs and Chart using dialog boxes and Chart builders.

**Unit III (9Hrs)**

**Measures of Central Tendency:** Mean – Median – Mode- Computation & Interpretation.

**Unit IV (9Hrs)**

**Measures of Dispersion:** Range – Standard Deviation – Variance – Skewness – Kurtosis - Computation & Interpretation.

**Unit V (8Hrs)**

**Correlation :** Meaning – Scatter diagram – Pearsons’s Co-efficient of Correlation – Spearman’s Rank Correlation – Partial Correlation.

<b>TEXT BOOK</b>	Dhanasekaran K	Computer Applications in Economics	Vrinda Publications (P) Ltd, Delhi 2010
	Rajathi A and Chandran P	“ SPSS for you”	MJP Publishers, Chennai 2010
<b>Reference</b>	James B Cunningham and James O Aldrich	Using SPSS – An Interactive Hands On Approach’	Sage Publications, Delhi, 2012
	Carver ,Nash	Data Analysis with SPSS VERSION 16	Cengage Learning India pvt Ltd, Newdelhi
	Kalyanaraman, Hareesh.N, Ramanathan. P.N., Harikumar	Statistical methods for research: A step by step approach using IBM SPSS	Atlantic Publishers, 2021

Pedagogy: Lecture (Chalk & talk), PPT presentation

**Course Designers:**

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

<b>COURSE NUMBER</b>	<b>COURSENAME</b>	Category	L	T	P	Credit
<b>ES21C09</b>	<b>MACRO ECONOMICS II</b>	A	103	2		5

### **PREAMBLE**

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

### **COURSE OUTCOMES**

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

<b>CLO Number</b>	<b>CO Statement</b>	<b>Knowledge Level</b>
CLO1.	Define the concepts of monetary and fiscal policy, Product Market Equilibrium, The Money Market Equilibrium Philips curve, inflation, deflation, The Gurley Shaw View.	K1
CLO2.	Define Inflationary Gap, super multiplier, supply side economics, IS, LM curves, Multiplier, Accelerator, Features of Business cycles – Causes – Effect, interaction between multiplier and accelerator,	K2
CLO3.	Distinguish money sector and real sector, explain the Economic Performance Indicators, Importance of acceleration, Kaldor's Model, Hicks Model, Samuelson's Model, Examine the limitations of Multiplier Principle, Acceleration Principle, shifts in IS and LM functions.	K3
CLO4.	Explain the General Equilibrium of Real and Monetary sectors, Compensatory Fiscal Policy, Leakages of multiplier, features of trade cycle, Keynesian range, Intermediate range and Classical ranges, Radcliffe Committee View, , impact of fiscal and monetary policies, Analyse the backward and foeward functioning of Multiplier	K4

### **Mapping with Programme Outcomes**

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

S- Strong; M-Medium; L-Low

**SYLLABUS**  
**CORE PAPER -MACRO ECONOMICS II**

**Unit – I: 21 hrs**

Meaning – **working of Multiplier** – Definition, Objectives, instruments of Macroeconomic Policies dynamic multiplier – Assumptions – Leakages – Criticism – Importance – Acceleration – **Principle of Acceleration** – Assumption – Criticisms – theories of Acceleration: Kaldor’s Model, Hicks Model, **Samuelson’s Model** – The Super-Multiplier or the Multiplier-Accelerator Interaction – Use of Multiplier-Accelerator Interaction in Business cycle.

**Unit – II: 21 hrs**

Meaning – **Commodity Market Equilibrium** – The Product Market Equilibrium – **The Money Market Equilibrium** – General Equilibrium of Product and Money Market – Changes in General Equilibrium – **Simultaneous Shifts in the IS and LM Functions.**

**Unit – III: 22 hrs**

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

**Unit – IV: 21 hrs**

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

**Unit – V: 18 hrs**

Meaning – Features of **Business cycles** – Causes – Effect – Control of Business cycle – Theories of Trade Cycle: Non-Monetary Theories – Monetary theories of business cycle – **Schumpeter’s Innovation Theory** — Keynesian theory of business cycle – Philips Curve – Trade-off and Non-Trade off.

**Text Book**

1.M.L.Jhingan	Macro-Economic Theory	Vrinda Publication Pvt Ltd, New Delhi.	1997
2.R.cauveri& others	Macro Economics	Chand and chand publishers, New Delhi	2008

**Reference Books**

1.E Shapiro	Macro Economics	Galgotia Publications Pvt Ltd, New Delhi.	2000
2.M.C.Vaish	Macro Economics Theory	WishwaPrakasham , New Delhi.	2000
3.S. Sankaran	Macro Economics	Margham Publications, Chennai.	2000

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

**Course Designers:**

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

<b>COURSE NUMBER</b>	<b>COURSENAME</b>	Category	L	T	P	Credit
<b>ES21C10</b>	<b>INTERNATIONALECONOMICS</b>	C	103	2	-	5

### PREAMBLE

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

### COURSE OUTCOMES

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

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

### Mapping with Programme 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	M	S	M
CLO3	S	S	M	M	M
CLO4	S	S	S	M	M

S- Strong; M-Medium; L-Low

**SYLLABUS**  
**CORE PAPER X – INTERNATIONAL ECONOMICS**

**UNIT I: 19 hrs**

International Economics: – Definition – Importance – Scope – Basis – Features – Difference between International Trade and Internal Trade, **Free Trade and Protection, Quotas** – Meaning – Types – Effect of Quotas on imports. **Tariff: – Meaning – Types – Effects of tariffs in Developed Countries and Developing Countries.**

**UNIT II: 17 hrs**

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

**UNIT III: 24 hrs**

**Balance of Payments: – Meaning** – Importance - Balance of Trade and Balance of Payments – Current Account – Capital Account - Disequilibrium in Balance of Payments – Measures to set right Disequilibrium. Terms of Trade: – Types, Factors influencing Terms of Trade – Terms of Trade and Less Developed Countries – Income and Welfare aspects.

**UNIT IV: 22 hrs**

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

**UNIT V: 19 hrs**

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

<b>TEXTBOOK</b>	Jhingan M.L	International Economics	Vrinda Publications Pvt Ltd, New Delhi	2016
<b>REFERENCE</b>	1. Francis Cherunilam	International Economics	Tata McGraw Hill Education (P) Ltd, New Delhi, 2010	2017
	2. Mannur	International Economics	Vikas Publishing House, New Delhi	2018

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

**Course Designers:**

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

<b>COURSE NUMBER</b>	<b>COURSENAME</b>	Category	L	T	P	Credit
<b>ES21E01</b>	<b>TAMIL NADU ECONOMY</b>	C	103	2	-	5

### **PREAMBLE**

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

### **COURSE OUTCOMES**

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

<b>CLO Number</b>	<b>CO Statement</b>	<b>Knowledge Level</b>
CLO1.	Identify the Geographic Features, Natural Resources, Population Problems, Birth Rate , Death Rate, Sex Ratio, Infant Mortality Rate ,Industrial Estates, Conventional and Non-Conventional Sources of Energy and Public Sector Undertakings in Tamil Nadu, Cropping Pattern, Agricultural Productivity, Poverty, Unemployment ,State Finance, Revenue Account and Capital Account	K1
CLO2.	Understand the availability of Minerals, Production of food grains and non-food grains, importance of Large Scale Industries Public Distributive System, Role of NABARD, State aid to Industries, Major aspects of State Finance and Industrial Finance	K2
CLO3.	Analyse the Natural Resources, Demographic features, Agricultural Productivity , Agricultural Marketing, Rural Credit Facilities ,Large scale Industries , their contributions and issues , Industrial Estates , SSI and its importance in Tamil Nadu	K3
CLO4.	Examine the problems of agriculture, Industry, Power generation, sources of power generation and Constrains in the Energy Sector.. Enumerate poverty and Unemployment Problems and evaluate the measures undertaken.	K4

### **Mapping with Programme Outcomes**

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

S- Strong; M-Medium; L-Low



## SYLLABUS

### CORE PAPER TAMIL NADU ECONOMY

#### **Unit I : 17 hrs**

Tamil Nadu: - Geographical Features – Natural Resources - Land Resources – Forest Resources – Mineral Resources – water Resources and Fisheries. State Finance: - Revenue – Expenditure – Debt Position.

#### **Unit II : 20 hrs**

Human Resources in Tamil Nadu : Growth of population – Size – Sex Ratio – Birth rate – Death Rate – Expectation of life – Infant Mortality Rate – Fertility rate.

#### **Unit III: 22 hrs**

Agriculture: - Irrigation - Cropping pattern- Production and Yield of major agricultural crops- Agricultural Marketing- Constraints. Agricultural Credit: Role of Rural banks – NABARD.

#### **Unit IV: 22hrs**

Industry: - Importance – Major Issues - Large Scale Industries: - Textile Industry, Sugar Industry & Cement Industry, Automobile Industry, Leather Industry. Public Sector Undertakings in Tamil Nadu- Small Scale Industry in Tamil Nadu: - Hand Loom Industry, Khadi and Village Industry. State Aid to Industries: TIDCO, SIDCO, TANSI, SIPCOT and TIIC.

#### **Unit V: 20 hrs**

Social Inputs in Development: – Education –Health- Nutrition – Housing – Poverty and Unemployment – Public Distribution System - Poverty Alleviation Programmes – Power Generation: – Types of Energy

<b>TEXT BOOK</b>	1.A.G.Leonard	TamilNadu Economy	MCMillan Publications – Chennai	2006
	2 Dr.N.Rajalakshmi	TamilNadu Economy	Business Publications INC	2016.
<b>REFERENCE</b>	1.Dr.S.Perumalswamy.	TamilNadu Economy	Vrinda Publications(P)Ltd, Delhi	2002.
	2. Dr. Manickam.	Economic Development of TamilNadu	S.Chand and Company Ltd , New Delhi.	2007
	3. Dr,M.Nagnathan	Tamilnadu Economy	Vrinda Publications(P)Ltd, Delhi	2002

**Pedagogy : Chalk and Talk, PPT, Group Discussion, Debate and Seminar**  
**Course Designers:**

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

COURSE NUMBER	COURSENAME	Category	L	T	P	Credit
ES21E02	PRINCIPLES OF ACCOUNTING	AOS	103	2		5

### PREAMBLE

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

### COURSE OUTCOME

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

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

### Mapping with Programme Outcomes

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

S-Strong; M- Medium; L –Low

**SYLLABUS**  
**SEMESTER V AOS - PRINCIPLES OF ACCOUNTING**

**UNIT I : 21 hrs**

Accounting – Definition – Concept – Methods of Book Keeping single Entry and double entry – Journal – Ledger – **Subsidiary books** – Trial balance

**UNIT II : 18 hrs**

Preparation of Final accounts – **Trading – Profit and Loss Account – Balance Sheet** – Adjusting and Closing Entries. With adjustment –without adjustments

**UNIT III: 20 hrs**

Consignment Accounts – Entries in the Books of Consignor and Consignee – **Joint Venture Accounts** – Simple Problems.

**UNIT IV : 21 hrs**

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

**UNIT V:23 hrs**

Elements of Cost – **Cost Sheet Preparation** – Budget – Budgeting – Need for Budgeting – **Importance of Budgeting** –Sales Budget – Production Budget – Material Budget Simple Problems – **Budget Control Measures.**

<b>TEXT BOOK</b>	1 Vinayagam K	Principles of Accountancy	Sultan Chand & Sons, New Delhi	2006
	2R.K. Sharma and GUPTA	Management Accounting	Kalyani Publishers New Delhi	2007
<b>REFERENCE</b>	1. Grewal.T.S	Principles of Accounting Principles of	Sultand Chand Publications	2008
	2S.N Maheswari	Management Accounting	Soitanchand Publication New Delhi	2004
	3.Pillai R.S.N. and Bhagavathi	Management Accounting	S.Chand and Company, New Delhi, 2006.	2006

Theory 40 per cent and problems 60 per cent

**Course Designers:**

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

<b>COURSE NUMBER</b>	<b>COURSENAME</b>	Category	L	T	P	Credit
<b>ES16AC1</b>	<b>RURAL ECONOMY</b>	A	-	-	-	5

### **PREAMBLE**

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

### **COURSE OUTCOMES**

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

<b>CLO Number</b>	<b>CO Statement</b>	<b>Knowledge Level</b>
CLO1.	Define the concepts of rural economy, barter system, non-monetised sector, farm and non-farm income, rural poverty, rural unemployment, Self Help Groups, rural development, rural debt, rural credit, money lenders, NABARD, Poverty line, commercial banks, regional banks	K1
CLO2.	Discuss the objective of rural development, Community Development Programme, Integrated Rural Development Programme- PURA Model. Understand the types and magnitude of rural unemployment, rural poverty, the need for credit, extent of credit facilities, sources of rural credit, role of money lenders in rural areas.	K2
CLO3.	Describe the features rural economy, Analyse measures to remove rural unemployment, examine the causes and magnitude of rural debt in India, ingredients of the process of rural development	K3
CLO4.	Narrate the challenges in rural development. Examine the role of commercial banks and NABARD for rural development. Evaluate the Poverty Alleviation Programmes like NREP; MGNREGA- Self Help Groups .	K4

### **Mapping with Programme Outcomes**

<b>CLOs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>
CLO1	S	S	S	S	S
CLO2	S	S	S	S	S
CLO3	S	S	S	S	S
CLO4	S	S	S	S	S

S-Strong; M-Medium; L-Low

**SYLLABUS**  
**ALC – RURAL ECONOMY**

**Unit I: Significance of Rural Economy**

Characteristics of Rural economy –Difference between Rural Economy and Urban Economy- Barter System, Non Monetized Sector –Agricultural Marketing –Farm and Non-Farm Income ; Problems of Rural Economy ; Rural Development in India.

**Unit II: Rural Unemployment**

Rural Unemployment – Types and Magnitude, Causes, Extent of Unemployment, Remedial measures.

**Unit III: Rural Credit**

Rural Debt –Causes and Magnitude –Need for Credit –Sources of Rural Credit – unorganised – Money lenders, Indigenous Bankers: organized – Co-operatives, Commercial banks - Regional Rural banks – NABARD.

**Unit IV: Rural Poverty**

Rural Poverty – Definition, Rural Poverty Line –causes for Rural Poverty - Alleviation Programmes- NREP- MGNREGA- Self Help Groups.

**Unit V: Rural Development**

Concept of Rural Development –Objectives of Rural Development –Challenges in Rural Development –Rural Development in India - Panchayat Raj- Rural Industrialization - Co-operative Societies – Rural Marketing - Community Development Programme, Integrated Rural Development Programme- PURA Model.

**Text Book**

1.Dhingral C	The Indian Economy	Sultan Chand Publishersl, New Delhi.	2010
2.Agarwal AN KundanLal	Rural Economy of India	Vikas Publishers, New Delhi	1990

**Reference Books**

1.Singh, Katar	Rural Development – Principles, Policies and Management	Sage Publications, New Delhi	2014
2. Sankaran,S.	Indian Economy (Problems, Policies and Development).	Margham Publishers, Chennai	2008
3.Choudrey,C.M.	Rural Economics.	. Sunshine Publications, Jaipur	2009

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

**Course Designers:**

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

<b>COURSE NUMBER</b>	<b>COURSENAME</b>	Category	L	T	P	Credit
<b>ES16AC2</b>	<b>LABOUR ECONOMICS</b>	A	-	-	-	5

### **PREAMBLE**

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

### **COURSE OUTCOMES**

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

CLO Number	CO Statement	Knowledge Level
CLO1.	Define the meaning of Labour, Labour Productivity, Migration, Trade Union, Bargaining power, Real Wage, Nominal wage, Collective bargaining, Social Security, Industrial Dispute, Labour Welfare, characteristics of Migratory labour, nature of migration.	K1
CLO2.	Differentiate between Real wage and Money Wage, Agricultural Labour and Industrial Labour, Social Insurance and commercial Insurance	K2
CLO3.	Understand the causes of migration, the Structure of Trade union, Factors determining labour supply and demand, Functions of Trade union, Effects of Industrial dispute,	K3
CLO4.	Analyse the Causes and effects of Migration of labour, Labour Policy, Welfare Theories. Elaborate on Trade unions in India, Policies and Programmes to improve the conditions of Labour, problems of agriculture and industrial labour, social security measures, labour welfare -Theories.	K4

### **Mapping with Programme Outcomes**

CLOs	PO1	PO2	PO3	PO4	PO5
CLO1	S	S	S	M	M
CLO2	M	S	S	S	S
CLO3	S	S	S	S	S
CLO4	S	S	S	S	S

S-Strong; M-Medium; L-Low

**SYLLABUS**  
**LABOUR ECONOMICS**

**UNIT I**

Meaning and concept of Labour – Characteristics - Labour Productivity – Migratory Characteristics of Labour – Causes of Migration – Nature of Migration – Effects of Migration – Recent Trend in Migration.

**UNIT II**

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

**UNIT III**

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

**UNIT IV**

Characters and Problems of Agricultural and Industrial Labour – Policies and Programmes to improve the Conditions of Labour.

**UNIT V**

Social Security – Meaning - Need - Measures –Social Assistance – Characteristics- Social Insurance– Characteristics – Commercial Insurance -I.L.O and Social Security - Social security in the unorganized sector – Labour Welfare – Meaning –Theories.

<b>TEXT BOOK</b>	1.Tyagi.B 2 Jagadish Kumar	Labour Economics Labour Economics	Akash Publishers, Meerut. Deep and Deep Publication, NewDelhi	2011 2004
<b>REFERENCE BOOK</b>	1.MittalA. C(E.d) Sharma.S	Labour Economics Labour ,	RBSA Publishers, Jaipur	2002
	2.Papola T.S,P.P.Ghosh &A.N.Sharma	Employment and Industrial relations in India.	B.R Publishing Corporation, New Delhi	1995
	3.Bhagoliwal T.N.	Economics of Labour and Industrial Relations.	Sahitya Bhavan, Agra	2000

**Course Designers:**

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