

BISHOP HEBER COLLEGE (AUTONOMOUS)
TIRUCHIRAPPALLI – 620017

B.A. ECONOMICS

2021-2022

(Admitted Students)

Courses of study, Schemes of Examination & Syllabi
(Choice Based Credit System)



PG & RESEARCH DEPARTMENT OF ECONOMICS
BISHOP HEBER COLLEGE (AUTONOMOUS)
(Reaccredited with 'A' Grade (CGPA- 3.58/4.0) by NAAC &
Identified as College of Excellence by the UGC)
DST – FIST Sponsored College & DBT Star College
TIRUCHIRAPPALLI – 620017
TAMIL NADU, INDIA

**PG AND RESEARCH DEPARTMENT OF ECONOMICS
BISHOP HEBER COLLEGE (AUTONOMOUS)
TIRUCHIRAPPALLI - 620 017
OBE –SYLLABUS (2020-21)**

Vision

Impart life-oriented education in Economics for the holistic development of the students and to develop outstanding professionals to meet the global challenges through academic excellence in teaching, learning and research.

Mission

- Incorporate independent learning experiences in the field of economics through value based education with academic excellence and innovation in research.
- Prepare socially and economically disadvantaged sections of students to contribute towards the development of the country.

PROGRAMME OUTCOMES – UG Economics

On successful completion of the programme the under graduant of Economics will be able to:

KNOWLEDGE

- PO1.** Understand the various concepts in Economics and know the economic behaviour of the individuals during diverse economic cycles.
- PO2.** Attain the in-depth knowledge in economic theories to become more employable in various sectors.
- PO3.** Grasp and evaluate the economic policies and economic models to suggest their implications in the economy of the country and the world at large.

SKILLS

- PO4.** Utilize current scenario and past trends in economics, to analyze social and economic problems and suggest alternative public policy.
- PO5.** Understand the economic behaviour of the people and predict the economic matrix of the present and the future.
- PO6.** Execute the competency in assisting, planning, managing and evaluating the principles of economics in everyday life.

ATTITUDES

- PO7.** Desire to develop entrepreneurial ability and exhibit high level of professionalism.

PO8. Explore and engage in lifelong learning by accessing library and ICT facilities to evolve new technologies based on the need of the job market.

ETHICAL & SOCIAL VALUES

PO9. Exhibit social, moral and ethical values through innovative thinking and outreach programmes.

PROGRAMME SPECIFIC OUTCOMES

On successful completion of the course the learners will be able to

INTELLECTUAL SKILLS:

PSO1. Apply the knowledge of economic concepts to solve the problems related to different fields such as banking, insurance, industries, transport, communication and energy sectors.

PSO2. Analyse and relate the impact of various economic policies and schemes of the State and Central.

PRACTICAL SKILLS:

PSO3. Design and perform the experiences in the area of National and International trade.

PSO4. Exhibit socially desirable values gained through innovative teaching and outreach programmes.

B.A. Economics – Programme Description
(For the students admitted from the year 2020-21 onwards)

Sem.	Part	Course	Course Title	Course Code	Hours / week	Credits	Marks			
							CIA	ESE	Total	
I	I	Tamil I /*	செய்யுள், இலக்கிய வரலாறு, உரைநடை, மொழிப்பயிற்சியும் படைப்பாக்கமும்	U18TM1L1	6	3	25	75	100	
	II	English I	Literature and Language : Prose and Short Stories	U20EGNL1	6	3	40	60	100	
	III	Core I	Micro Economics – I		U20EC101	6	5	25	75	100
		Allied I	Tamil Nadu Economy		U20EC1Y1	5	4	25	75	100
		Allied II	Statistical Methods – I		U20EC1Y2	5	4	25	75	100
	IV	Val. Edu.	Value Education (RI/MI)		U15VL1:1/ U15VL1:2	2	2	25	75	100
Sem. I Credits :						21				
II	I	Tamil II /*	செய்யுள், இலக்கிய வரலாறு, சிறுகதைத் திரட்டு, மொழிப்பயிற்சி மற்றும் படைப்பாக்கமும்	U18TM2L2	6	3	25	75	100	
	II	English II	Literature and Language : Poetry and Shakespeare	U20EGNL2	6	3	40	60	100	
	III	Core II	Micro Economics – II		U20EC202	6	5	25	75	100
		Allied III	Statistical Methods – II		U20EC2Y3	5	4	25	75	100
		Allied IV	Economics of Infrastructure		U20EC2Y4	5	4	25	75	100
	IV	Env. Studies	Environmental Studies		U16EST21	2	2	25	75	100
Sem. II Credits :						21				
III	I	Tamil III /*	செய்யுள்-காப்பியம், புராணம், சிற்றிலக்கியம், இலக்கிய வரலாறு, நாவல், மொழிப்பயிற்சி	U18TM3L3	6	3	25	75	100	
	II	English III	English for Competitive Examinations	U16EGPNL3	6	3	40	60	100	
	III	Core III	Indian Economic Development		U20EC303	5	4	25	75	100
		Core IV	Macro Economics – I		U20EC304	5	4	25	75	100
		Allied V	Human Resource Management		U20EC3Y5	4	3	25	75	100
	IV	SBEC I	Soft Skills		U20EC3S1	2	2	25	75	100
		NMEC I	Students have to opt from other Major		U20EC3E1-	2	2	25	75	100
Sem. III Credits :						21				
IV	I	Tamil IV /*	செய்யுள்(மேற்கணக்கு,கீழ்கணக்கு), இலக்கிய வரலாறு, நாடகம், மொழிப்பயிற்சி	U18TM4L4	5	3	25	75	100	
	II	English IV	English through Literature	U16EGNL4	5	3	40	60	100	
	III	Core V	Macro Economics - II		U20EC405	5	4	25	75	100
		Elective I	Basic Mathematics in Economics		U20EC4:1	5	5	25	75	100
		Allied VI	Economics of Tourism		U20EC4Y6	4	3	25	75	100
	IV	SBEC II	Basics of Tally		U20ECPS2	2	2	40	60	100
		NMEC II	Students have to opt from other Major		U20EC4E2	2	2	25	75	100
		Soft Skills	Life Skills		U16LFS41	2	1	--	--	100
V	Extension Activities	NSS, NCC, Rotaract, Leoclub, etc ...		U16ETA41	--	1	--	--	--	
Sem. IV Credits :						24				

V	III	Core VI	Fiscal Economics	U20EC506	6	5	25	75	100
		Core VII	International Economics	U20EC507	6	5	25	75	100
		Core VIII	Research Methodology	U20EC508	6	5	25	75	100
		Core IX	Entrepreneurship Development	U20EC509	5	5	25	75	100
		Elective II	Economics of Social Issues	U20EC5:2	5	5	25	75	100
IV	SBEC III	Financial Calculation	U20ECPS3	2	2	40	60	100	

Sem. V Credits :

27

VI	III	Core X	History of Economic Thought	U20EC610	6	5	25	75	100
		Core XI	Environomics	U20EC611	6	5	25	75	100
		Core XII	Money and Banking	U20EC612	6	5	25	75	100
		Core Project	Project	U20EC6PJ	6	5	--	--	100
		Elective III	Capital Market	U20EC6:3	5	5	25	75	100
V	Gender Studies	Gender Studies	U16GST61	--	1	--	--	100	

Sem. VI Credits :

26

SBEC : Skill Based Elective Courses

NMEC : Non Major Elective Courses

Total Credits :

140

* Other Languages :	Hindi	Sanskrit	French		Hindi	Sanskrit	French
Semester I:	U18HD1L1	U17SK1L1	U18FR1L1	Semester III	U18HD3L3	U17SK3L3	U18FR3L3
Semester II:	U18HD2L2	U17SK2L2	U18FR2L2	Semester IV	U18HD4L4	U17SK4L4	U18FR4L4

Part I : 4	Part II : 4	Core Theory : 12	Core Project : 1	Elective : 3	Allied : 6	SBEC : 3	NMEC : 2	Total Courses : 40
Value Education: 1	Env. Studies : 1	Soft Skills : 1	Extension Activities : 1	Gender Studies : 1				

NMEC offered by the Department	1. Economics for Competitive Examinations - I	U20EC3E1
	2. Economics for Competitive Examinations - II	U20EC4E2

Programme Articulation Matrix – B.A. Economics (2021-22)

Sl.No.	Name of the Course	Course Code	Correlation with Programme Outcomes and Programme Specific Outcomes												
			P01	P02	P03	P04	P05	P06	P07	P08	P09	PS01	PS02	PS03	PS04
1.	Microeconomics - I	U20EC101	H	M	M	M	M	M	H	M	H	L	M	H	H
2.	Micro economics - II	U20EC202	H	M	M	M	H	M	H	L	H	H	M	M	H
3.	Indian Economic Development	U20EC303	H	H	M	H	H	M	-	M	L	M	H	H	M
4.	Macro Economics - I	U20EC304	H	H	M	M	H	M	L	M	H	L	M	M	H
5.	Macro Economics - II	U20EC405	H	H	M	M	M	M	M	L	H	L	M	M	H
6.	Fiscal Economics	U20EC506	H	M	M	M	M	M	L	M	H	H	H	M	H
7.	International Economics	U20EC507	H	H	M	M	M	M	M	L	H	L	M	H	H
8.	Research Methodology	U20EC508	H	H	M	M	H	M	L	M	H	H	H	M	H
9.	Entrepreneurship Development	U20EC509	M	H	M	M	M	H	H	M	M	H	M	M	-
10.	History of Economic Thought	U20EC610	H	M	M	H	H	M	L	L	H	H	M	M	H
11.	Environmental Economics	U20EC611	H	H	M	H	H	M	L	M	H	H	M	M	H
12.	Money and Banking	U20EC612	H	H	M	M	M	H	M	L	H	H	M	M	H

CORE – I: MICROECONOMICS – I

Semester I

Course Code: U20EC101

Hours per week: 6

Credits: 5

COURSE OUTCOMES:

At the end of this course, the students will be able

Sl. No	Course Outcomes	Level	Unit
1.	To define the scope and methodology of microeconomics.	K1	I
2.	To demonstrate the types of utility and the law of demand and supply.	K2	II
3.	To analyse the indifference curve analysis and properties.	K3	III
4.	To classify different theories of production and the concept of time element.	K4	IV
5.	To examine different types of costs and revenues curves.	K5	V
6.	To appraise cost and revenue under different market conditions.	K5	V

Unit – I: Definition and Scope of Microeconomics

Definition and Meaning - Difference between micro and macroeconomics - Inductive and Deductive methods - Positive vs Normative Economics - Static and Dynamic Economics - Partial and General Equilibrium.

Unit – II: Cardinal Utility Analysis

Meaning of Utility - Types of Utility - Law of Diminishing Marginal Utility –Law of Equi – Marginal Utility - Law of Demand – Consumer’s Equilibrium - Elasticity of demand –types – methods of measuring elasticity of demand- Law of Supply - Consumer’s surplus.

Unit – III: Ordinal Utility Analysis

Hicksian Analysis - Indifference Curve Analysis and Properties - Income Effect – Price Effect- Substitution Effect - Hicksian analysis of consumer’s surplus.

Unit – IV: Production

Theory of the firm - Time element analysis - Theory - Production function – Law of Variable Proportions and Returns to scale.

Unit – V: Cost and Revenue

Cost curves short–run and long–run cost curves - Total - Average and Marginal Cost – Revenue curves - Derivation of Average Revenue and Marginal Revenue from Total Revenue curves - Relationship among cost Curves; Cost and revenue curves under market conditions.

UNIT- VI: Topics for self-study:

Sl.No	Topics	Web Links
1.	Study the consumer preferences towards a particular product	https://www.linkedin.com/pulse/understanding-consumer-behavior-product-services-satvik-sawhney/
2.	Estimate consumers’ surplus	https://corporatefinanceinstitute.com/resources/knowledge/economics/consumer-surplus-formula/#:~:text=There%20is%20an%20economic%20formula,the%20actual%20price%20they%20pay.
3.	Analyse the objectives of the modern firm	https://www.economicdiscussion.net/business/objectives-business/7-main-objectives-of-a-business-firm/18721

Text Book

Bose D. and Marimuthu A., (2018), An Introduction to Micro Economics, Himalaya Publishing House, New Delhi.

References

- Deepashree, Micro Economic Theory and Applications, Sultan Chand & Sons, New Delhi, 2005.
- Agarwal H.S., Micro Economic Theory, Ane Books India, New Delhi, 2008.
- Sankaran S., Micro Economics, Reprint 2017, Margham Publications, Chennai, 2015.
- Cauvery R., Sudhanayak U.K., Grija M., Kirupalani N. and Meenakshi R., Micro Economic Theory, Reprint 2017, S. Chand & Company Limited New Delhi, 2006.
- Dewett K.K., Modern Economic Theory, Reprint 2012, S. Chand & Companies, New Delhi, 2005.
- Hal Varian R Intermediate Micro Economics - A modern approach” Affiliated to East – West Press.

LEARNING OUTCOMES: BLOOM’S TAXONOMIC LEVELS OF TRANSACTIONS

Unit	Course Content	Learning Outcomes	Blooms Taxonomic Highest Level of Transaction
Unit –I			
	1.1 Definition of microeconomics – differences between micro and macroeconomics – deductive and inductive methods	Discuss the meaning and differences of micro and macroeconomics.	K6
	1.2 Positive Vs Normative Economics - Static and Dynamic Economics - Partial and General Equilibrium	Define and relate with concepts of microeconomics.	K1
Unit –II			
	2.1 Meaning of Utility - Types of Utility - Law of Diminishing Marginal Utility –Law of Equi – Marginal Utility	Explain the different terms of utility and the laws.	K2
	2.2 Law of Demand – Consumer’s Equilibrium - Elasticity of demand – types – methods of measuring elasticity of demand- Law of Supply - Consumer’s surplus.	Discuss the Law of demand and consumer’s surplus. Express the relationship with demand and elasticity of demand and its measurement.	K6
Unit –III			
	3.1 Hicksian Analysis - Indifference Curve Analysis and Properties.	Apply ordinal utility in the consumer behaviour theory.	K3
	3.2 Income Effect – Price Effect- Substitution Effect - Hicksian analysis of consumer’s surplus	Demonstrate the different effects based on ordinal utility.	K2
Unit –IV			

	4.1 Theory of the firm - Time element analysis.	Examine time element analysis.	K4
	4.2 Theory - Production function – Law of Variable Proportions and Returns to scale.	Analyse the different theories of production.	K4
Unit –V			
	5.1 Cost curves short–run and long–run cost curves; Total, Average and Marginal Cost	Compare the cost and revenue concepts.	K2
	5.2 Derivation of Average Revenue and Marginal Revenue from Total Revenue curves - Relationship among cost Curves; Cost and revenue curves under market conditions.	Appraise cost and revenue under different market conditions.	K5

Mapping Scheme with PO, PSOs and COs

Mapping	L-Low			M-Moderate			H- High				PSO		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3	PSO4
CO1	H	M	M	L	M	H	H	L	M	L	H	M	H
CO2	H	M	M	M	H	M	M	M	H	L	M	--	H
CO3	H	M	L	L	M	M	H	M	H	L	M	H	H
CO4	H	H	M	M	M	H	H	M	M	L	M	H	H
CO5	H	M	H	M	H	M	H	M	H	L	M	M	H
CO6	H	M	L	H	M	M	M	H	H	L	M	H	H

COURSE ASSESSMENT METHODS

Direct
<ol style="list-style-type: none"> 1. Continuous Assessment Test I &II 2. Open book test; Assignment, Journal paper review, Group Presentation, Project report, End Semester Examination
Indirect
<ol style="list-style-type: none"> 1. Course-end survey

Course Coordinator: Dr. E. Thelma

ALLIED I - TAMIL NADU ECONOMY

Semester I
Course Code: U20EC1Y1

Hours per week: 5
Credits: 4

COURSE OUTCOMES:

At the end of this course, the students will be able

Sl. No	Course Outcomes	Level	Unit
1.	To recall the basic characteristics of Tamil Nadu economy	K1	I
2.	To relate the green revolution and cropping pattern in Tamil Nadu	K2	II
3.	To identify the industrial financial institutions in Tamil Nadu	K3	III
4.	To analyze the industrial development in Tamil Nadu	K4	III
5.	To assess the anti-poverty and unemployment programmes in Tamil Nadu	K5	IV
6.	To discuss the revenue and expenditure of the state	K6	V

Unit I: A Profile of the Tamil Nadu Economy

Tamil Nadu – Salient Features – Size, physiographic, demography, resources endowment, land, land use, soils, forests and monsoon.

Unit II: Agricultural Development

Agriculture – Land use – Cropping pattern – Principal Commodities – Irrigation – Green Revolution, Blue and White Revolution – Agricultural Finance.

Unit III: Industrial Development

Major Industries – Automobile, cotton, sugar and cement – MSME, Cottage industries – Ancillary industries – Tamil Nadu Government's role in industrial development – Industrial Financial Institutions – DIC, TIIC, SIDCO, SIPCOT and SEZ (Special Economic Zone).

Unit IV: Socio Economic Issues of the State

Poverty – Measurement of poverty – causes - anti-poverty programmes – Unemployment – Types, causes and measures.

Unit V: State Finance

State Income – Meaning – Per capita income – State finance – Budget of the State – Sources of Revenue and Expenditure – Evaluation of the current budget.

Unit VI: Topics for self-study:

Sl. No	Topic	Web link
1	Meaning of service sector	https://financial-dictionary.thefreedictionary.com/service+sector
2	Types of service sector	https://www.businessmanagementideas.com/india/service-sectors/13-types-of-service-sectors-in-india/18726
3	Composition	https://www.yourarticlelibrary.com/company/service-management/components-of-service-sector-economic-service-and-social-service/42560
4	Contribution of Service Sector	https://www.oecd.org/investment/globalforum/40302909.pdf
5	Recent Trends in Tamil Nadu Economy	https://andedge.com/economic-trends-in-tamilnadu-tnpsc/

Text Book

1. Leonard A.G., **Tamil Nadu Economy**, First edition, Macmillian, New Delhi, 2006.

References

1. Perumalsamy.S.,**Tamil Nadu Economy Performance & Issues**, Oxford & India Book House, 1998.
2. Rajalakshmi.N.,**Economic Development of Tamil Nadu**, S.Chand & Co., 1995.
3. Tamil Nadu Economic Appraisals, **Published by Government of Tamil Nadu**, Series of 2018-19.
4. Manickam S., **Economic Development of Tamil Nadu**, First Edition, Printed at NOVENA, Chennai, 2013-14.
5. Velappan, Sham Shankar C. A., Economic History of Tamil Nadu, first edition MJP Publishers new Delhi.

LEARNING OUTCOMES: BLOOM'S TAXONOMIC LEVELS OF TRANSACTIONS

Unit	Course Contents	Learning Outcomes	Blooms Taxonomic Highest Level of Transaction
Unit –I			
	1.1A Profile of the Tamil Nadu Economy: Tamil Nadu – Salient Features – Size, physiographic, demography.	List the features of Tamil Nadu	K1
	1.2 Resources endowment, land, land use, soils. Forests and monsoon.	Analyse the resource endowment of Tamil Nadu	K4
Unit –II			
	2.1 Agricultural Development: Agriculture – Land use – Cropping pattern.	Explain the cropping pattern of Tamil Nadu	K2
	2.2 Principal Commodities – Irrigation – Green Revolution, Blue and White Revolution.	Analyse the Green Revolution and other revolution	K4
	2.3 Agricultural Finance.	Discuss the Agricultural finance	K6
Unit –III			
	3.1 Industrial Development: Major Industries – Automobile, cotton, sugar and cement – MSME, Cottage industries – Ancillary industries.	Evaluate the industrial development in India	K5
	3.2 Tamil Nadu Government's role in industrial development.	Explain the role of Tamil Nadu in Industrial development	K2

	3.3 Industrial Financial Institutions – DIIC, TIIC, SIDCO, SIPCOT and SEZ (Special Economic Zone).	Analyse the industrial finance institutions	K4
Unit –IV			
	4.1 Socio Economic Issues of the State: Poverty – Measurement of poverty, causes.	Explain the causes and measurement of poverty	K2
	4.2 Anti-poverty programmes	Evaluate the anti-poverty programmes	K5
	4.3 Unemployment - Types, causes and measures.	Assess the unemployment problem, causes and measures.	K5
Unit –V			
	5.1 State Finance:State Income – Meaning – Per capita income	Explain the meaning of state income and per capita income	K2
	5.2 State finance – Budget of the State.	Discuss the state finance and budget	K6
	5.3 Sources of Revenue and Expenditure	Identify the Sources of Revenue and Expenditure	K3
	5.4 Evaluation of the current budget.	Evaluate the current budget of the state.	K5

Mapping Scheme for the PO, PSOs and COs

Mapping	L-Low			M-Moderate			H- High						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3	PSO4
CO1	H	M	H	M	M	M	L	M	H	L	M	M	H
CO2	M	M	L	M	H	M	M	M	H	L	M	M	H
CO3	M	H	M	M	M	H	M	L	M	L	M	M	H
CO4	H	M	M	L	H	M	M	M	H	L	H	M	H
CO5	H	H	H	M	M	M	L	M	M	L	M	M	H
CO6	H	M	M	L	H	M	M	M	L	M	L	M	H

COURSE ASSESSMENT METHODS

Direct
1. Continuous Assessment Test I &II 2. Open book test; Assignment, Journal paper review, Group Presentation, Project report, End Semester Examination
Indirect
1. Course-end survey

Course Coordinators: Mrs. M. Manimegalai & Mr. S. R. Netaji

Allied: II STATISTICAL METHODS – I

Semester: I

Hours per week: 5

Course Code: U20EC1Y2

Credits: 4

COURSE OUTCOMES:

At the end of this course, the students will be able

Sl. No	Course Outcomes	Level	Unit
1.	To find appropriate statistical tools in the field of economics	K1	I
2.	To explain the sampling methods in economics	K2	II
3.	To classify the statistical data	K2	III
4.	To apply the measures of central tendency and dispersion	K3	IV
5.	To compare the absolute and Relative measures of dispersion	K4	V
6.	To Assess the standard deviation and coefficient of variation	K5	V

Unit – I: Introduction of Statistics

Meaning and Definition - Functions, Scope of Statistics – Statistics and other subjects - Limitations of statistics, Collection of data – Methods of data collection - Direct personal interview, Indirect oral interview, through correspondents, questionnaire, Experiments – census - sampling - Methods of collecting primary data - Sources of Secondary data – Published and unpublished Sources - Comparison of primary data and Secondary data - Specimen questionnaire.

Unit – II : Sampling Methods

Sampling Methods - Random and Non-random sampling - Characteristics, Types of random sampling - Stratified, systematic and cluster or multi-stage random sampling - Non-random sampling - Judgement, quota and convenience sampling - Its merits and demerits.

Unit – III : Classification, Tabulation of Data and Diagrams

Meaning and objectives of classification - Types of classification - Parts of Table - General rules of tabulation - Types of tables - Diagrammatic and graphic presentation - Types of diagram: Histogram, frequency polygon, frequency curve, Ogive (Cumulative frequency curve).

Unit – IV : Measures of Central Tendency

Meaning, Definition of average - Requisites of a good average - Calculation of mean or average or arithmetic mean, median, mode, Geometric Mean (G.M.) and Harmonic Mean (H.H.) - merits and demerits.

Unit – V : Measures of Dispersion or Variation

Meaning of measures of dispersion - Absolute and Relative measures of Dispersion - Methods of calculating dispersion - Range, Inter-quartile Range (I.Q.R.) - Quartile Deviation (Q.D.) - Mean Deviation (M.D.) - Standard Deviation (S.D.) - Coefficient of Variation (C.V.).

Unit VI: Topics for self-study:

Sl. No.	Topics	Web Link
1	Present official Statistical system in India – Methods of collection of official statistics such as Population, Agriculture, Industry, Trade and Prices.	http://mgov.gov.in

Text Books:

1. Pillai R.S.N. & Bagavathi (2016), Eighth Edition “Statistics Theory and Practice” (Unit I & II)
2. Gupta S.P., (2008), 36th Revised Edition, “Statistical Methods” (Unit – III, IV & V)

Recommended Reference Books:

1. Mohan Singhal (2005), “Elements of Statistics”, Theory and Practice, Fifth Edition, Lakshmi Narain Agarwal Educational Publishers, Agra.
2. Elhance D.N., Veena Elhance & Agarwall B.M. (2001), Present Edition 2001, Kitab Mohan Agencies, Allahabad.
3. Gupta S.P. (2002). “Practical Statistics”, First Edition, S. Chand & Company Ltd., New Delhi.
4. Agarwal D.R. (1999), “Quantitative Methods” (Mathematics and Statistics), Second Revised & Enlarged Edition 2001, Vrinda Publications (P) Ltd., Delhi.
5. Jay C. Devone (1999), “Probability and Statistics”, Fifth Edition, Thomson Asia Private Ltd., Singapore.

LEARNING OUTCOMES: BLOOM’S TAXONOMIC LEVELS OF TRANSACTIONS

Unit	Course Contents	Learning Outcomes	Blooms Taxonomic Highest Level of Transaction
Unit -I			
	1.1Introduction: Meaning, Definition, Functions, Scope, Statistics and other subjects – Limitations.	Define statistics Relate statistics with other subjects List the drawbacks of statistics	K1
	1.2Collection of data: Primary and Secondary data	List out the various methods of primary data. Find the sources of secondary data and specimen Questionnaire / Interview Schedule.	K1
Unit-II			
	2.1Sampling Methods: Random and Non-random sampling – Characteristics – types.	Explain the characteristics of random and non-random sampling, types of random sampling in project work.	K2

	2.2 Merits and Demerits of Random and Non-random sampling.	Identify the merits and demerits of random and non-random sampling in the field of social science research.	K3
Unit- III			
	3.1 Classification, Tabulation of Data and diagrams: meaning, objectives and types of classification.	Classify the data.	K4
	3.2 Tabulation, meaning, parts of the table, types and general rules of tabulation.	Analyse the meaning, types and parts of table and rules of tabulation.	K4
	3.3 Diagrammatic and Graphic presentation – types of diagram.	Interpret the statistical data through graphical representation.	K2
Unit- IV			
	4.1 Measure of Central tendency – Mean, median, Mode, Geometric Mean (G.M) and Harmonic mean (H.M.).	Apply the basic statistical tools.	K3
	4.2 Merits and demerits of measure of central tendency.	Discuss the merits and demerits of mean, median, mode, Geometric mean (G.M.) and Harmonic Mean (H.M.).	K6
Unit-V			
	5.1 Measures of Dispersion: Meaning and Absolute and Relative measures of dispersion.	Compare the meaning of absolute and relative measures of dispersion	K4
	5.2 Methods of calculating dispersion – Range, Inter quartile range (I.Q.R.), Quartile Deviation (Q.D.), Mean Deviation (M.D.) and Standard Deviation.	Evaluate the various measures of dispersion and Standard Deviation.	K5
	5.3 Coefficient of Variation (C.V.)	Assess the coefficient of variation.	K5

Mapping Scheme for the PO, PSOs and COs

Mapping	L-Low			M-Moderate			H- High				PSO1	PSO2	PSO3	PSO4
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9					
CO1	H	H	H	M	M	H	M	M	-	H	M	M	H	
CO2	M	M	H	M	H	H	M	M	-	H	M	M	M	
CO3	M	M	M	M	M	H	M	M	-	H	H	M	H	
CO4	H	M	H	H	M	M	M	M	-	H	H	M	H	
CO5	H	H	H	H	M	H	M	M	-	H	H	M	M	
CO6	H	H	M	M	M	M	M	H	-	H	H	M	H	

COURSE ASSESSMENT METHODS

Direct
<ol style="list-style-type: none"> 1. Continuous Assessment Test I,II 2. Open book test; Cooperative learning report, Assignment; Journal paper review, Group discussion on Current Affairs, Group Presentation, Project Report, Poster Preparation, Models, Product Demonstration, Seminar, Conduct of Quiz 3. End Semester Examination
Indirect
<ol style="list-style-type: none"> 1. Course-end survey 2. Employability / Placement

Course Coordinator: Dr. S. Shanthi Getzie Ranjini Devi

CORECOURSE – II: MICROECONOMICS– II

Semester II
Course Code: U20EC202

Hours per week: 6
Credits: 5

COURSE OUTCOMES:

At the end of this course, the students will be able

Sl. No	Course Outcomes	Level	Unit
1.	To list the different market structures	K1	I
2.	To explain the imperfect competition	K2	II
3.	To identify the theories of rent	K3	III
4.	To examine the theories of interest	K4	IV
5.	To evaluate the theories of wages	K5	V
6.	To discuss the theories of profit	K6	V

Unit – I: Market Structure

Perfect competition – Features - price and output determination – Monopoly - features and types - Discriminating monopoly - Degrees of monopoly.

Unit – II: Imperfect Competition

Meaning of Monopolistic competition – features – Importance of selling cost -price and output determination under monopolistic competition - wastes of monopolistic competition – Other Imperfect competitions (Oligopoly & Duopoly) – types – features – pricing under Oligopoly (Kinked demand – Sweezy model) – Monopolistic competition vs Imperfect competition.

Unit – III: Distribution

Marginal Productivity Theory of Distribution - Theory of Rent - Ricardian Theory - Scarcity and differential rent - Modern theory of rent - Quasi rent and transfer earnings.

Unit – IV: Theories of Interest

Classical theory of interest - Criticism - Loanable funds theory -Liquidity preference theory – Demand for money - Supply of money - Hicks and Hansen theory of interest.

Unit – V: Theories of Wages and Profit

Difference between Nominal wage and real wage – Subsistence theory - Wage fund theory - Residual claimant theory - Marginal productivity theory of wages - Modern theory of wages - Theories of profit – Difference between gross and net profit - Dynamic theory of profit – Innovation theory of profit - Risk bearing theory of profit - Uncertainty bearing theory of profit.

Unit VI: Topics for self-study

Sl.No	Topics	Web Link
1.	Understand the modern market structure / classification	https://www.yourarticlelibrary.com/economics/market/market-structure-meaning-characteristics-and-forms-economics/28736
2.	Verify the existence of perfect competition and monopoly	https://www.investopedia.com/ask/answers/05/perfectcompetition.asp
3.	Analyse the influence of advertisement on demand and supply	https://smallbusiness.chron.com/advertisings-effects-demand-11673.html

Text Book

- Bose D. and Marimuthu A., An Introduction to Micro Economics, Reprint 2018 Himalaya Publishing House, New Delhi, 2018.

References

- Deepashree, Micro Economic Theory and Applications, Sultan Chand & Sons, New Delhi, 2005.
- Agarwal H.S., Micro Economic Theory, Ane Books India, New Delhi, 2008.
- Sankaran S., Micro Economics, Margham Publications, Chennai, 2015.
- Cauvery R., Sudhanayak U.K., Grijam., Kirupalani N and Meenakshi R., Micro Economic Theory, S. Chand & Company Limited, New Delhi, 2006.
- Dewett K.K., Modern Economic Theory, S. Chand & Companies, New Delhi, 2005.
- Hal Varian R Intermediate Micro Economics - A modern approach Affiliated to East – West Press 2010.

LEARNING OUTCOMES: BLOOM'S TAXONOMIC LEVELS OF TRANSACTIONS

Unit	Course Contents	Learning Outcomes	Blooms Taxonomic Highest Level of Transaction
Unit –I			
	1.1 Market structure: Perfect competition -Features - price and output determination	List the features of perfect competition.	K1
	1.2 Monopoly features and types - Discriminating monopoly - Degrees of monopoly.	Illustrate monopoly and discriminating monopoly.	K2
Unit -III			
	2.1 Imperfect Competition: Meaning of Monopolistic competition – features – Importance of selling cost -price and output determination under monopolistic competition - wastes of monopolistic competition	Explain the monopolistic competition and price and output determination.	K2
	2.2 Other Imperfect competitions (Oligopoly & Duopoly) – types – features – pricing under Oligopoly (Kinked demand – Sweezy model) – Monopolistic competition vs Imperfect competition.	Discuss the other imperfect competitions (Oligopoly and Duopoly).	K6
Unit -III			
	3.1 Distribution: Marginal Productivity Theory of Distribution - Theory of Rent - Ricardian Theory.	Analyze the marginal Productivity theory. Differentiate economic rent and rent	K4

	3.2 Scarcity and differential rent - Modern theory of rent - Quasi rent and transfer earnings.	Appraise the Modern theory of rent. Distinguish quasi rent and transfer earnings.	K5
Unit -IV			
	4.1 Theories of Interest: Classical theory of interest - Criticism - Loanable funds theory	Examine the classical theory and Loanable funds theory.	K4
	4.2 Liquidity preference theory – Demand for money - Supply of money - Hicks and Hansen theory of interest.	Analyse the liquidity preference theory and relate it with Hicks Hansen theory.	K4
Unit -V			
	5.1 Theories of Wages and Profit: Difference between Nominal wage and real wage – Subsistence theory - Wage fund theory - Residual claimant theory - Marginal productivity theory of wages - Modern theory of wages.	Distinguish between real and nominal wage. Critically understand the theories of wages.	K4
	5.2 Theories of profit – Difference between gross and net profit - Dynamic theory of profit – Innovation theory of profit - Risk bearing theory of profit - Uncertainty bearing theory of profit.	Compare gross and net profit. Appraise the theories of profit.	K5

Mapping Scheme for the PO, PSOs and COs

L-Low

M-Moderate

H- High

Mapping	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3	PSO4
CO1	H	M	M	H	M	M	H	M	H	L	M	L	H
CO2	H	M	M	M	H	M	H	L	H	L	M	M	H
CO3	H	H	M	M	H	M	M	L	H	L	M	M	H
CO4	H	M	M	M	H	M	H	L	M	L	H	M	H
CO5	H	H	M	M	H	M	H	L	M	L	M	M	H
CO6	H	M	M	M	H	M	H	L	H	L	M	M	H

COURSE ASSESSMENT METHODS

Direct
1. Continuous Assessment Test I &II 2. Open book test; Assignment, Journal paper review, Group Presentation, Project report, End Semester Examination
Indirect
1. Course-end survey

Course Coordinator: Dr. E. Thelma

Allied: III STATISTICAL METHODS - II

Semester: II

Hours per week: 5

Course Code: U20EC2Y3

Credits: 4

COURSE OUTCOMES:

At the end of this course, the students will be able

Sl. No	Course Outcomes	Level	Unit
1.	To find the association between two attributes	K1	I
2.	To relate the correlation between two variables	K2	II
3.	To apply Rank Correlation Coefficient	K3	II
4.	To estimate the principles of regression in the method of least square	K5	III
5.	To examine the time series and its applications	K4	IV
6.	To test the relationships between demand, supply and price of the commodities	K6	V

Unit – I : Association of Attributes

Introduction and Meaning - Methods of calculating association of attributes – Yule’s coefficient of association - Yule’s coefficient of colligation – Contingency table.

Unit – II : Correlation Analysis

Meaning of correlation and Definition - Types of correlation, positive, negative, partial, multiple, linear and non-linear - Methods of measuring Karl Pearson’s coefficient of correlation - Methods of measuring Spearman’s Rank correlation Coefficient.

Unit – III : Regression Analysis

Meaning and Definition - Difference between correlation and Regression – Regression lines – Regression equations of X on Y and Y on X - Regression coefficients.

Unit – IV : Analysis of Time Series

Meaning and uses of time series analysis - Components of time series – Measurement of trend, Graphic method, semi-average method, moving average method – 3 yearly, 4 yearly and 5 yearly average and Method of least square.

Unit – V : Index Numbers

Introduction, Meaning and Definition - Uses and Problems in the construction of index numbers - Calculation of Index numbers, Laspeyres method, Paasche's method, Bowley's method, Marshall – Edgeworth method and Fisher's ideal method.

Unit VI: Topics for self-study:

Sl.No.	Topics	Web Link
1	Demographic profile of India – Measurement of Fertility – Crude birth rate, general fertility rate, age-specific birth rate, total fertility rate, Gross reproductive rate, Net reproductive rate.	http://mgov.gov.in

Text Books :

1. Pillai R.S.N. & Bagavathi, (2016), Eighth Edition “Statistics Theory and Practice” (Unit I & II)
2. Gupta S.P., (2008), 36th Revised Edition, “Statistical Methods” (Unit – III, IV & V)

Reference Books:

1. Mohan Singhal (2005), “Elements of Statistics”, Theory and Practice, Fifth Edition, Lakshmi Narain Agarwal Educational Publishers, Agra.
2. Elhance D.N., Veena Elhance & Agarwall B.M. (2001), Present Edition 2001, Kitab Mohan Agencies, Allahabad.
3. Agarwal D.R. (1999), “Quantitative Methods” (Mathematics and Statistics), Second Revised & Enlarged Edition 2001, Vrinda Publications (P) Ltd., Delhi.
4. Jay C. Devone (1999), “Probability and Statistics”, Fifth Edition, Thomson Asia Private Ltd., Singapore.

LEARNING OUTCOMES: BLOOM'S TAXONOMIC LEVELS OF TRANSACTIONS

Unit	Course Contents	Learning Outcomes	Blooms Taxonomic Highest Level of Transaction
Unit -I			
	1.1 Association of Attributes :Introduction, Meaning, Definition and Nine-square table	Define the term association of attributes and nine-square table.	K1
	1.2 Methods of calculating association of attributes: Yule's Coefficient of association, Colligation and contingency table	Relate the meaning of Yule's coefficient of association and colligation and Yule's coefficient of association with the help of nine-square table.	K1
		Show positive and negative attributes and consistency of data.	K2
Unit- II			

	2.1 Correlation Analysis:Meaning, definition and types of Correlation Characteristics – types.	Explain the meaning of correlation, types of correlation, relationship between Price and Quantity demanded of the commodity.	K2
		Define positive and negative correlation	K1
	2.2 Methods of studying correlation coefficient – scatter diagram, Graphic method and Karl Pearson’s correlation coefficient	Analyze the methods of studying correlation coefficient, actual mean method, assumed mean method and direct method.	K4
	2.3 Spearman’s Rank Correlation Coefficient by two methods – Ranks are given method and Ranks are not given method	Determine the rank correlation.	K5
Unit -III			
	3.1Regression Analysis : Meaning, Definition, difference between Correlation and Regression lines of X on Y and Y on X	Relate correlation and regression.	K2
	3.2 Regression equations of X on Y and Y on X by two methods as method of least square and Deviations taken from X and Y method	Solve the equations X on Y and Y on X	K3
Unit- IV			
	4.1Analysis of Time Series: Meaning, uses and components of time series	Analyze the uses and components of time series,	K4
	4.2 Measurement of trend Graphic method, Semi-average method, Moving average method (3 yearly, 4 yearly and 5 yearly) and Method of least square	Estimate the method of least square	K6
Unit –V			
	5.1Index Numbers: Meaning, Definition, uses and problems	Explain the uses of index numbers.	K5
	5.2 Methods of calculating index numbers by Laspayre, Paasche, Fisher, Bowley and Marshall, Edgeworth	Predict the changes in the prices of essential commodities.	K6

Mapping Scheme for the PO, PSOs and COs

L-Low

M-Moderate

H- High

Mapping	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3	PSO4
CO1	H	M	H	M	M	H	M	H	-	M	M	M	M
CO2	H	H	M	M	H	M	H	M	-	H	M	M	M
CO3	M	M	M	H	M	H	M	M	-	H	M	H	H
CO4	H	M	M	H	M	M	M	M	-	M	H	M	M
CO5	H	H	M	M	M	M	-	M	-	H	H	M	M
CO6	H	H	M	M	H	H	-	H	-	M	H	H	H

COURSE ASSESSMENT METHODS

Direct
<ol style="list-style-type: none"> 1. Continuous Assessment Test I,II 2. Open book test; Cooperative learning report, Assignment; Journal paper review, Group discussion on Current Affairs, Group Presentation, Project Report, Poster Preparation, Models, Product Demonstration, Seminar, Conduct of Quiz 3. End Semester Examination
Indirect
<ol style="list-style-type: none"> 1. Course-end survey 2. Employability / Placement

Course Coordinator: Dr. S. Shanthi Getzie Ranjini Devi

ALLIED IV: ECONOMICS OF INFRASTRUCTURE

Semester II
Course Code: U20EC2Y4

Hours per week: 5
Credits: 4

COURSE OUTCOMES:

At the end of this course, the students will be able

Sl. No	Course Outcomes	Level	Unit
1.	To tell the basic concepts of infrastructure	K1	I
2.	To explain the various types of transport system	K2	II
3.	To analyse renewable and non-renewable energy sources in Tamil Nadu	K4	III
4.	To examine the role of education in economic development of a nation	K4	IV
5.	To identify the various health programmes in India	K3	IV
6.	To discuss the role of banking and insurance sectors in India	K6	V

Unit - I : Introduction of Infrastructure

Meaning of infrastructure - Role of infrastructure in economic development - Limitations - Infrastructural development in India

Unit -II : Transport and Communication

Transport – Road, Rail, Water and Airways – Communication – Postal services, telephone, internet and fax - its merits and demerits - causes for the road accidents,

Unit -III : Energy Resources in Tamil Nadu

Energy Resources in Tamil Nadu, Electricity – causes for the failure of power supply – Renewable and Non-renewable sources of energy - Thermal, Hydeland Nuclear power - Urban and rural water supply.

Unit -IV : Education and Health

Education and economic growth - Defects of Indian Education system - Determinants of Health - Health programmes in India.

Unit -V : Banking and Insurance

Role of Banks in economic development – Insurance – meaning - purpose and need of Insurance - Types of insurance - Limitations.

Unit VI: Topics for self-study:

S. No	Topic	Web link
1	Recent trends in Transport	https://blog.marketresearch.com/5-top-trends-in-the-transportation-industry-in-2018
2	Banking	https://www.enterprisedges.com/banking-financial-service-trends-india
3	Education	https://www.waterford.org/education/educational-trends-for-teachers/
4	Health	https://www.syberscribe.com.au/blog/10-emerging-trends-healthcare-technology-2019-beyond/
5	Power	https://www.nsenerybusiness.com/features/power-sector-trends-2020/
6	Communication & IT – Insurance	https://www.intechopen.com/books/recent-trends-in-communication-networks https://www.canarahsbclife.com/knowledge-centre/blog/top-5-life-insurance-industry-trends-in-2020.html

Text Book

1. Ishwar C. Dhingra, the Indian Economy, 21st Edition, Sultan Chand & Sons, New Delhi, 2008.

References

1. National Council of Applied Economic Research. (NCAER), India Infrastructure Report Policy implications for growth and welfare, NCAER, New Delhi, 1996.
2. Parikh, K.S., India Development Report 2000, Oxford, New Delhi.
3. Ishwar, C. Dhingra. The Indian Economy, Sultan Chand and Sons, New Delhi, 2008.
4. Sankaran s. Indian Economy, Revised edition 2017, Margham Publishers Chennai
5. Sanjiv Varma, Indian Economy, 2018 Edition, Unique Publisher, New Delhi.

LEARNING OUTCOMES: BLOOM'S TAXONOMIC LEVELS OF TRANSACTIONS

Unit	Course Contents	Learning Outcomes	Blooms Taxonomic Highest Level of Transaction
Unit -I			
	1.1 Introduction of Infrastructure: Meaning of infrastructure. Role of infrastructure in economic development Limitations	Find the Meaning and Role of infrastructure in economic development and Limitations	K1
	1.2 Infrastructural development in India	Analyse the Infrastructural development in India	K4

Unit -II			
	2.1Transport and Communication: Transport – Road, Rail, Water and Airways.	Elaborate the transport system in India and Types of transports	K6
	2.2Communication – Postal services, telephone, internet and fax. its merits and demerits	Discuss the communication like postal service, telephone, internet and fax.	K6
	2.3Causes for the road accidents.	Justify the Causes for the road accidents	K5
Unit -III			
	3.1Energy Resources in Tamil Nadu : Energy Resources in Tamil Nadu, Electricity – causes for the failure of power supply.	Assess the Energy Resources in Tamil Nadu	K5
	3.2Renewable and Non-renewable sources of energy - Thermal, Hydeland Nuclear power.	Measure the Renewable and Non-renewable sources of energy	K5
	3.3Urban and rural water supply.	Compare the Urban and rural water supply.	K4
Unit -IV			
	4.1Education and Health : Education and economic growth - Defects of Indian Education system	Appraise the Education and economic growth and Defects of Indian Education system	K5
	4.2Determinants of Health - Health programmes in India.	Explain the Determinants of Health and Health programmes in India.	K2
Unit -V			
	5.1Banking and Insurance	Discuss the Role of Banks in economic development	K6

	Role of Banks in economic development.		
	5.2 Insurance, meaning, purpose and need of Insurance.	Evaluate the Insurance, meaning, purpose and need of Insurance.	K5
	5.3 Types of insurance - Limitations.	Discuss the types of insurance and Limitations.	K6

Mapping Scheme for the PO, PSOs and COs

L-Low

M-Moderate

H- High

Mapping	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3	PSO4
CO1	H	M	M	H	H	M	M	L	H	L	M	H	H
CO2	H	M	H	M	H	M	M	L	H	L	M	M	H
CO3	H	M	M	M	H	H	-	L	H	L	M	M	H
CO4	H	H	M	M	H	M	M	L	H	M	M	L	H
CO5	H	H	M	H	M	M	--	L	H	--	M	M	H
CO6	H	M	M	H	H	L	--	L	H	L	M	M	H

COURSE ASSESSMENT METHODS

Direct
<ol style="list-style-type: none"> 1. Continuous Assessment Test I &II 2. Open book test; Assignment, Journal paper review, Group Presentation, Project report, End Semester Examination
Indirect
<ol style="list-style-type: none"> 1. Course-end survey

Course Coordinator: Mr. S. R. Netaji

CORE COURSE: III INDIAN ECONOMIC DEVELOPMENT

Semester: III

Hours per week: 5

Course Code: U20EC303

Credits: 5

COURSE OUTCOMES:

At the end of this course, the students will be able

Sl. No	Course Outcomes	Level	Unit
1.	To tell the basic features of Indian economy	K1	I
2.	To explain the role of agriculture in economic development	K2	II
3.	To identify the role of industries in the economic development (MSME)	K3	III
4.	To analyse the labour problems in industries, history of Trade Union, Labour Welfare Schemes and problems of Worker's participation in management	K4	IV
5.	To evaluate the objectives of New Economic Policy and LPG	K5	IV
6.	To discuss the overview of planning in India from 1951-1956 to 2012-2017 and NITI Aayog	K6	V

Unit – I : Economic Growth and Development

Concepts of economic development and economic growth - Basic characteristics of under developed countries - Economic and non-economic factors - India as a developing economy - Theory of demographic transition, size and growth - Population policy (recent) - Population problems in India & remedial measures.

Unit – II : Agriculture

Role of agriculture - Low productivity in Agriculture, causes & remedies – Food security – Meaning - Need for food security in India & Public Distribution System (PDS).

Unit – III : Indian Industries

Role of Industries & Problems of Industries - New Industrial policy - Role of Multinational corporations in India - Information Technology Industry – Types of Industries (concepts only).

Unit – IV : Labour Problems and Labour Policy

Trade Union Movement in India - Industrial Disputes, causes & settlement of disputes – Social security measures in India - National wage policy.

Unit – V : Indian Economic Planning and Policy

Objectives of the Planning – NITI Aayog; Objectives and its functions – New Economic Policy - Liberalization, Privatization and Globalization, its Merits and demerits.

Unit VI: Topics for self-study:

Sl.No.	Topics	Web Link
1	History of Planning in India – Planning Commission of India – General objectives of Planning in India – Timing of the Five Year Plan – Plan outlay of First	http://spc.gpv.in and http://pmindia.gov.in/en/

	Five Year Plan (1951-1956) to Twelfth Five Year Plan (2012-2017) and its achievements.	
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Text Book:

1. Sankaran S. (2004), “Indian Economy”, Margham Publishers, Chennai.

Reference Books:

1. Sankaran S. (2004), “Indian Economy”, Margham Publishers, Chennai.
2. Misra S.K. & Puri V.K. (2002), “Indian Economy”, 20th Edition, Himalaya Publishing House, Mumbai.
3. Agarwal A.N. (1996), “Indian Economy Problems of Development and Planning”, 20th edition, Vishwa Prakasham Publishers, New Delhi.
4. Ruddar Dutt & Sundaram K.P.M. (2008), “Indian Economy”, 58th Edition, S. Chand Publishers, New Delhi.
5. Sanjiv Varma, (2018), “Indian Economy”, First Edition, Unique Publisher, New Delhi.

LEARNING OUTCOMES: BLOOM’S TAXONOMIC LEVELS OF TRANSACTIONS

Unit	Course Contents	Learning Outcomes	Blooms Taxonomic Highest Level of Transaction
Unit 1			
	1.1 Economic Growth and Development : Concepts of economic growth and economic development – basic characteristics of undeveloped countries – Economic and non-economic factors – India as a developing economy	Tell the reasons for slow – fast – steady economic growth in India, economic growth and development.	K1
	1.2 Theory of demographic transition, size and growth – Population Policy (recent) – Population problems in India and remedial measures	Explain the Theory of demographic transition in three stages.	K2
		Relate the recent data with the composition of population with the present data on population, Sex ratio, Density of population, Death rate, Birth rate.	K2
		Recall the recent population policy, problems of increase in population and suggest remedial measures to solve it.	K1
Unit -II			
		Inspect the role of agriculture in economic development.	K4

	2.1Agriculture : Role of agriculture, Low productivity in agriculture, Causes & remedies	Analyse the causes for low productivity in agriculture, causes and remedies.	K4
	2.2Food Security – Meaning, Need for food security in India – PDS	List the need and importance of food security in India.	K4
		Discuss the suitable policy to solve the problem faced in public distribution system in India.	K6
		Identify the people living below the poverty line (BPL) through PDS.	K3
Unit -III			
	3.1Indian Industries : Role of industries & Problems of industries – New Industrial Policy	Assess the growth and origin of industries in India.	K5
		Categorise the total number of industries on the basis of amount of capital invested.	K4
		Examine the problem faced by industries irrespective of size. Distinguish between the New Industrial Policy and Liberalisation (recent).	K4
	3.2Role of Multi-national corporations in India – Information Technology industry – Types of industries	Discuss the role of Multinational corporations in India.	K6
		Appraise the recent development in Information Technology industry.	K5
		Estimate the functions of various types of manufacturing industries in order to bring the concept “Make in India”.	K6
Unit -IV			
	4.1Labour Problems and Labour Policy: Trade Union Movement in India – Industrial disputes, Causes and settlement of disputes – Social security measures in India – National Wage Policy	Explain the history and functioning of Trade Union Movement in India.	K2
		Solve the industrial dispute.	K6
		Apply the settlement of disputes by Law – Legal Aspect.	K3
		Categorize the social security measures in India, National Wage Policy in India for the welfare of the labourers.	K4
	4.2New Economic Policy – LPG, its merits and demerits	Evaluate the new Economic Policy (1991) of LPG.	K5
		Analyse the merits and demerits of LPG.	K4

Unit -V			
	5.1 India Economic Planning and Policy, Objectives of Planning	Appraise the Planning in India, objectives and achievements, importance of Planning Commission in India (1950).	K5
		Evaluate the history of Planning in India from 1947 to till date.	K5
	5.2 NITI Aayog – Objectives and its functions	Examine the scheme - NITI Aayog	K4
		Assess the objectives and functions of “Make in India”.	K5

Mapping Scheme for the PO, PSOs and COs

Mapping	L-Low			M-Moderate			H- High				PSO 1	PSO2	PS03	PS04
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9					
CO1	M	H	M	M	M	M	-	M	L	M	M	M	M	
CO2	M	M	H	H	M	M	-	H	L	H	H	M	H	
CO3	M	H	H	H	H	M	-	H	L	M	H	H	M	
CO4	H	H	M	M	H	M	-	M	-	M	H	H	M	
CO5	H	H	M	H	M	H	-	M	L	M	M	H	M	
CO6	H	H	M	M	H	H	-	M	M	H	M	H	H	

COURSE ASSESSMENT METHODS

Direct
<ol style="list-style-type: none"> 1. Continuous Assessment Test I,II 2. Open book test; Cooperative learning report, Assignment; Journal paper review, Group discussion on Current Affairs, Group Presentation, Project Report, Poster Preparation, Models, Product Demonstration, Seminar, Conduct of Quiz 3. End Semester Examination
Indirect
<ol style="list-style-type: none"> 1. Course-end survey 2. Employability / Placement

Course Coordinators: Dr. S. Shanthi Getzie Ranjini Devi & Dr. D. Ranjith Kumar

CORE IV: MACROECONOMICS – I

Semester III
Course Code: U20EC304

Hours per week: 5
Credits: 4

COURSE OUTCOMES:

At the end of this course, the students will be able

Sl. No	Course Outcomes	Level	Unit
1.	To tell the nature and scope of Macroeconomics	K1	I
2.	To measure the various methods of National income	K5	I
3.	To explain the classical theory of employment	K2	III
4.	To evaluate the Keynesian theory of employment	K5	IV
5.	To determine Keynes' Psychological Law of Consumption	K5	V
6.	To discuss the theories of consumption function	K6	V

Unit – I : Introduction to Macroeconomics

Meaning and definition of Macroeconomics - Nature and Scope of Macroeconomics - Importance and Limitations of Macroeconomics - Difference between Microeconomics and Macroeconomics.

Unit – II : National Income and Circular Flow of Income

Meaning - Definition of National Income & Concepts of National Income - Methods of Computing National Income - Difficulties in the Measurement of National Income - Circular Flow of Income & Two Sector Model.

Unit – III : Classical Theory of Employment and Equilibrium

Concept of Full Employment - Types of Unemployment - J.B. Say's Law of Markets, Assumptions, Implications & Criticisms of Say's Law - Wage cuts for Full Employment (Pigou's Reformulation).

Unit – IV : Keynesian Analysis

Basic Ideas of Keynes - Fundamental Equation - Principle of Effective Demand, Concept and Analysis of Effective Demand - Aggregate Demand - Aggregate Supply - Difference Between the Classical Theory and Keynes' Theory of Employment.

UNIT – V : Consumption Function

Keynes' Psychological Law of Consumption - Significance of Keynes Law of Consumption – APC and MPC - APS and MPS - Factors Determining Consumption Function - Steps to increase consumption function - Theories of Consumption Function, the Absolute Income Theory, Relative Income Theory, the Permanent Income Theory & Life Cycle Hypothesis.

Unit VI: Topics for Self Study

S. No	Topic	Web link
1	National Income accounting	https://corporatefinanceinstitute.com/resources/knowledge/economics/national-income-accounting/
2	Concepts of stock and flow	https://stats.mom.gov.sg/SL/Pages/Stock-and-Flow-Concepts-and-Definitions.aspx?Flag=58&CRMID=253

Text Book

1. Sankaran S., Macro Economics, Margham Publications, Chennai, 2000.

References

1. Vaish M.C., Macro Economic Theory, Wiley Eastern Limited, New Delhi, 2000.
2. Gupta G.S., Macro Economics, Tata McGraw-Hill Publishing Company Ltd., New Delhi, 2008.
3. Sankaran S., Macro Economics, Margham Publications, Chennai, 2000.
4. Cauveri R SudhaNayak, Macro Economics, S. Chand Publishers, New Delhi, 2003.
5. Seth M.L., Macro Economics, Lakshmi Narain Agarwal Publishers, Agra, 1993.

LEARNING OUTCOMES: BLOOM'S TAXONOMIC LEVELS OF TRANSACTIONS

Unit	Course Contents	Learning Outcomes	Blooms Taxonomic Highest Level of Transaction
Unit -I			
	1.1Introduction to Macroeconomics: Meaning and definition of Macroeconomics - Nature and Scope of Macroeconomics.	Define Macroeconomics, nature and scope of Macroeconomics.	K1
	1.2Importance and Limitations of Macroeconomics.	Discuss the importance and limitations of macroeconomics	K6
	1.3Difference between Microeconomics and Macroeconomics.	Distinguish between Microeconomics and Macroeconomics	K4
Unit -II			
	2.1National Income and Circular Flow of Income Meaning - Definition of National Income & Concepts of National Income.	Explain the meaning, definition and concepts of National income	K2

	2.2 Methods of Computing National Income - Difficulties in the Measurement of National Income.	Measure the methods of computing national income and difficulties in the Measurement of National income	K5
	2.3 Circular Flow of Income & Two Sector Model.	Explain the circular flow of income and two sector model	K5
Unit -III			
	3.1 Classical Theory of Employment and Equilibrium: Concept of Full Employment - Types of Unemployment.	Analyse the Concept of Full Employment and Types of Unemployment	K4
	3.2 J.B. Say's Law of Markets, Assumptions, Implications& Criticisms of Say's Law.	Discuss the J.B. Say's Law of Markets, Assumptions, and Implications& Criticisms of Say's Law.	K6
	3.3 Wage cut for Full Employment (Pigou's Reformulation).	Explain the theory Wage cut for Full Employment	K5
Unit -IV			
	4.1 Keynesian Macro Analysis: Basic Ideas of Keynes - Fundamental Equation.	Analyse the Basic Ideas of Keynes Fundamental Equation	K4
	4.2 Principle of Effective Demand, Concept and Analysis of Effective Demand - Aggregate Demand - Aggregate Supply.	Discuss the Principle of Effective Demand, Concept and Analysis of Effective Demand, Aggregate Demand and Aggregate Supply.	K6
	4.3 Difference Between the Classical Theory and Keynes' Theory of Employment.	Distinguish between the Classical Theory and Keynes' Theory of Employment.	K4
Unit -V			
	5.1 Consumption Function: Keynes' Psychological Law of Consumption - Significance of Keynes Law of Consumption.	Discuss the Keynes' Psychological Law of Consumption, Significance of Keynes Law of Consumption.	K6
	5.2 APC and MPC - APS and MPS - Factors Determining Consumption Function - Steps to increase consumption function.	Relate the APC and MPC, APS and MPS, Factors Determining Consumption Function and Steps to increase consumption function	K2
	5.3 Theories of Consumption Function, the Absolute Income Theory, Relative Income Theory, the Permanent Income Theory & Life Cycle Hypothesis.	Analyse the Theories of Consumption Function, the Absolute Income Theory, Relative Income Theory, the	K4

		Permanent Income Theory & Life Cycle Hypothesis.	
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Mapping Scheme for the PO, PSOs and COs

L-Low

M-Moderate

H- High

Mapping	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3	PSO4
CO1	H	H	M	M	H	M	--	L	H	L	M	M	H
CO2	H	M	M	M	H	M	L	M	H	L	M	M	H
CO3	H	H	M	M	H	M	--	L	M	L	M	M	H
CO4	H	H	M	M	H	M	--	L	M	L	H	M	H
CO5	H	H	M	L	M	M	-	M	M	L	M	L	H
CO6	H	H	M	M	H	M	L	M	H	L	M	M	H

COURSE ASSESSMENT METHODS

Direct
<ol style="list-style-type: none"> 1. Continuous Assessment Test I &II 2. Open book test; Assignment, Journal paper review, Group Presentation, Project report, End Semester Examination
Indirect
<ol style="list-style-type: none"> 1. Course-end survey

Course Coordinator: Dr. H. Esther Rani

ALLIED V – HUMAN RESOURCE MANAGEMENT

Semester III

Hours per week: 4

Course Code: U20EC3Y5

Credits: 3

COURSE OUTCOMES:

At the end of this course, the students will be able

Sl. No	Course Outcomes	Level	Unit
1.	To tell the basic concepts and practices in Human Resource Management.	K1	I
2.	To explain the objectives of human resource planning	K2	II
3.	To identify the need for Human Resource Planning	K3	III
4.	To analyse job analysis and job description	K4	III
5.	To summarize the objectives and concepts of human relations	K2	IV
6.	To assess the methods of human resource appraisal	K5	V

Unit – I: Introduction of Human Resource Management

Definition of human resource management - Scope of human resource management – Objectives of human resource management - Importance of human resource management – Functions of human resource management.

Unit – II: Human Resource Planning

Meaning - Objectives and Importance of human resource planning - Job analysis - Job design – Job description - Job specification – Specimen of job description and Specification.

Unit – III: Training and Career Planning

Meaning of training - Need for training - Importance – Types - On the job training and off the job training - Meaning of career planning - Key terms - Need for career planning and stages of career planning – Uses - Problems.

Unit – IV: Human Relation

Meaning - Objectives and importance - Approaches to human relation - Components and Techniques - Problems of human relation.

Unit – V: Human Resource Appraisal

Meaning & objectives - Methods of appraisal - orthodox method & modern methods – Problems in appraisal - Human resource appraisal in India.

Unit VI: Topics for self-study:

Sl.No	Topics	Web Link
1.	Prepare Job analysis for the post of 'Senior Economic Analyst'	https://www.devex.com/jobs/senior-economist-re-advertisement-272873
2.	Verify the methods of Human Resource Appraisal	https://kissflow.com/hr/performance-management/employee-performance-appraisal-method/

3.	Formulate a career planning among your class students	https://www.businessmanagementideas.com/human-resource-management-2/career-planning/career-planning-process-steps-and-stages-hrm/19694
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Text Book

1. Khanaka S.S., Human Resource Management, S. Chand and company, New Delhi, 2009.

References

1. Pravin Durai, Human Resource Management, Pearson publication, New Delhi, 2010.
2. Dwivedi R.S., Human Resource Management, Vikas Publishing House Pvt. Ltd., New Delhi, 2011.
3. Gupta C.B., Human Resource Management, Sultan Chand and Sons, New Delhi, 2006.
4. Ashwathappa K., Human Resource and Personnel Management, Tata McGraw – Hill Publishing Company Limited, New Delhi, 2005.
5. Gupta S.C., Advanced Human Resource Management, revised and updated, 2011, Ane Books Private Limited, New Delhi, 2011

LEARNING OUTCOMES: BLOOM'S TAXONOMIC LEVELS OF TRANSACTIONS

Unit	Course Contents	Learning Outcomes	Blooms Taxonomic Highest Level of Transaction
Unit -I			
	1.1 Introduction of Human Resource Management: Definition of human resource management - Scope of human resource management – Objectives of human resource management -	Definition of human resource management and objectives of HRM.	K1
	1.2 Importance of human resource management – Functions of human resource management.	Discuss the functions of HRM	K6
Unit -II			
	2.1 Human Resource Planning: Meaning - Objectives and Importance of human resource planning – job analysis.	Explain the objectives of human resource planning.	K2
	2.2 Job design – Job description - Job specification – Specimen of job description and Specification.	Examine the job design, job description and job specification.	K4
Unit -III			
	3.1 Training and Career Planning: Meaning of training -	Analyze the need for training.	K4

	Need for training - Importance – Types - On the job training and off the job training		
	3.2 Meaning of career planning - Key terms - Need for career planning and stages of career planning – Uses - Problems.	Explain the need for career planning.	K5
Unit -IV			
	4.1 Human Relation: Meaning - Objectives and importance - Approaches to human relation	Summarize the meaning and objectives of human relation.	K2
	4.2 Components and Techniques - Problems of human relation.	Find the components of human relation.	K1
Unit -V			
	5.1Human Resource Appraisal: Meaning & objectives - Methods of appraisal - orthodox method & modern methods – Problems in appraisal - Human resource appraisal in India.	Appraise the methods of human resource appraisal.	K5

Mapping Scheme for the PO, PSOs and COs

Mapping	L-Low			M-Moderate			H- High							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3	PSO4	
CO1	H	H	L	L	H	M	M	L	M	L	M	M	H	
CO2	H	M	M	H	H	M	M	L	H	L	M	M	H	
CO3	H	M	M	M	H	M	-	M	H	L	M	L	H	
CO4	H	M	H	M	H	M	M	L	H	L	M	H	H	
CO5	H	H	M	M	H	M	M	M	H	L	M	M	H	
CO6	H	H	M	H	M	M	M	L	H	L	M	H	H	

COURSE ASSESSMENT METHODS

Direct
<ol style="list-style-type: none"> 1. Continuous Assessment Test I &II 2. Open book test; Assignment, Journal paper review, Group Presentation, Project report, End Semester Examination
Indirect
<ol style="list-style-type: none"> 1. Course-end survey

Course Coordinator: Mrs. M. Manimegalai & Mr. S. R. Netaji

SBEC- I: SOFT SKILLS

Semester III
Course Code: U20EC3S1

Hours per week: 2
Credits: 2

COURSE OUTCOMES:

At the end of this course, the students will be able

Sl. No	Course Outcomes	Level	Unit
1.	To spell out the objectives, concepts and barriers of communication	K1	I
2.	To demonstrate the types of communication	K2	II
3.	To classify the business letters	K2	III
4.	To compare resume and bio- data	K5	IV
5.	To construct the model of resume	K6	IV
6.	To make use of communication skills in group discussion and interview	K3	V

Unit – I: Introduction to Communication

Meaning and Definition of communication – Functions – objectives - importance - essentials of good Communication – Barriers - overcoming communication barriers

Unit – II: Types of Communication

Written, oral and face to face communication - Merits and limitations of each type

Unit – III: Business Correspondence

Kinds of business letter - Cover letter - Letter for a job application - Letter of complaints – Emails - Reports

Unit – IV: Bio-Data and Resumes

Preparation of Bio-data - Preparation of resumes - Difference between Bio-data and resume

Unit – V: Application of Communication Skills

Group discussion - Mock Interview – Interview - Public Speech - Written communication

Unit VI: Topics for Self Study:

Sl. No	Topics	Web Link
1.	Practice for public speaking	https://www.speakingsavvy.com.au/practice-public-speaking/
2.	Attend interviews and get an experience	https://www.google.com/search?q=Attend+interviews&rlz=1C1CHZL_enIN820IN820&oq=Attend+interviews&aqs=chrome..69i57j0i10i22i30j0i22i30j0i10i22i30i395j0i22i30i395i4j0i10i22i30i395j0i22i30i395.6592j1j15&sourceid=chrome&ie=UTF-8
3.	Update your resume	https://www.jobscan.co/blog/update-resume/

Text Book

1. R. C. Bhatia., Business communication, copyright 2006 Ane Books, New Delhi.

References

1. Business Communication, Dona J. Young, Tata Mcgraw-Hill, New Delhi, 2006.
2. Rajendran Pal J. S. Korlahalli., Business Communication, Reprint 2013, Sultan Chand &sons, New Delhi 2013.
3. Gerson, Sharan. J. and Steven M. Gerson, Technical writing: Process and Product, Pearson Education, New Delhi, 2008.
4. Bovee, Courtland and John v. Thrill, Business Communication Today, 8th edition, Pearson Education, New Delhi 2008.
5. Raghunathan N.S. and Santhanam .B., Business communication, First edition 2013, Margham Publications Chennai 2013

LEARNING OUTCOMES: BLOOM'S TAXONOMIC LEVELS OF TRANSACTIONS

Unit	Course Contents	Learning Outcomes	Blooms Taxonomic Highest Level of Transaction
Unit -I			
	1.1Introduction to Communication: Meaning and Definition of communication – Functions – objectives – importance.	Define communication. List the functions and objectives and importance of communication.	K1
	1.2Essentials of good Communication – Barriers - overcoming communication barriers	Discuss the essentials of communication.	K6
Unit -II			
	2.1Types of Communication: Written, oral and face to face communication - Merits and limitations of each type.	Categorize the types of communication. Discuss the merits and demerits of each type.	K4
Unit -III			
	3.1Business Correspondence: Kinds of business letter - Cover letter - Letter for a job application - Letter of complaints – Emails – Reports.	Classify the business letters.	K4
Unit - IV			
	4Bio-Data and Resumes: Preparation of Bio-data - Preparation of resumes - Difference between Bio-data and resume.	Distinguish between Bio-Data and Resume	K5
Unit -V			
	5Application of Communication Skills: Group discussion - Mock Interview – Interview - Public Speech - Written communication.	Improve the Group discussion, mock interview, public speech and written communication.	K6

Mapping Scheme for the PO, PSOs and COs

L-Low

M-Moderate

H- High

Mapping	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3	PSO4
CO1	H	H	M	M	H	M	H	M	H	H	M	M	H
CO2	H	M	M	M	M	M	H	M	H	H	M	M	H
CO3	H	H	-	-	M	M	H	M	H	H	-	L	H
CO4	H	H	-	-	M	M	M	M	H	H	-	M	H
CO5	H	H	-	-	M	M	M	M	H	H	-	M	H
CO6	H	H	M	M	H	H	H	M	H	H	M	M	H

COURSE ASSESSMENT METHODS

Direct
<ol style="list-style-type: none"> 1. Continuous Assessment Test I &II 2. Open book test; Assignment, Journal paper review, Group Presentation, Project report, End Semester Examination
Indirect
<ol style="list-style-type: none"> 1. Course-end survey

Course Coordinator: Mr. S. R. Netaji

ECONOMICS FOR COMPETITIVE EXAMINATIONS - I

Semester: III
Course Code: U20EC3E1

Hours per week: 2
Credits: 2

COURSE OUTCOMES:

At the end of this course, the students will be able

Sl. No	Course Outcomes	Level	Unit
1.	To tell the basic concepts in economics	K1	I
2.	To relate the calculation of National Income, GDP, Inflation and Per capita Income	K2	II
3.	To summarize the functions and role of Nationalized Banks in India	K2	III
4.	To examine the functions of Stock Exchanges in India	K4	IV
5.	To analyze the Tax Structure in India	K4	V
6.	To choose the items included in the Budget	K6	V

Unit – I: Economics

Meaning & Definition of Economics - Adam Smith, Alfred Marshall and Lionel Robins - Law of Demand - Price, Income & Cross elasticity of demand - Factors influencing demand - Law of diminishing marginal utility - Indifference curve analysis - Law of supply.

Unit – II: National Income

Meaning of National Income – Per capita income - Calculation of National Income - GDP, GNP, NNP & NDP – Savings – Investment - Growth concept - prices and inflation, causes of inflation & Remedial measures.

Unit – III: Banking

Meaning & List of Nationalized Banks - History, Growth and functions of Reserve Bank of India - Repo-rate and Reverse repo rate of RBI & its recent Trend - Non-Banking Financial Institutions.

Unit – IV: Stock Market in India

Growth & origin of stock market - List of stock markets in India - Primary & secondary Markets - Listing of securities - Mutual funds - Meaning of Shares, debentures, share certificates, bonds & stocks - SEBI and its Functions - Prime lending rate.

Unit – V: Public Finance

Meaning of public finance - Tax & its Types - Tax revenue & Non-tax Revenue - Plan Expenditure and Non-plan Expenditure - Budget at a glance (recent) - Meaning of surplus budget & deficit budget.

Unit VI: Topics for self-study

Sl. No	Topic	Web link
1	SEBI	https://www.sebi.gov.in/about-sebi.html
2	RBI	https://www.rbi.org.in/Scripts/AboutusDisplay.aspx
3.	National Income	http://mospi.nic.in/sites/default/files/Statistical_year_book_in_dia_chapters/ch3.pdf

Text Book:

1. Gaurav Datt & Ashwani Mahajan, Indian Economy (2013), S.Chand & Company Ltd., New Delhi.

Recommended Reference Books:

1. Agarwal H.S. (2008), Micro Economic Theory, (7th Edition), Ane Books India, New Delhi.
2. Ruddar Dutt and Sundaram K.P.M. (2017), Indian Economy, Revised Fifty Sixth edition, S. Chand & Company Ltd., New Delhi.
3. Arun Arora (2018), Economics (For SSC, Railway & other State Services Exams), 1st edition, McGraw Hill Education (india) Private Limited, New Delhi.
4. Dean S. Karlan, Jonathan J., Morduch, Economics (2nd Edition), June 19th, 2020, McGraw Hill, India.
5. Ramesh Singh (2020), Indian Economy, For Civil Services Examinations (11th Edition), McGraw Hill Education (India) Private Limited, New Delhi.

LEARNING OUTCOMES: BLOOM'S TAXONOMIC LEVELS OF TRANSACTIONS

Unit	Course Contents	Learning Outcomes	Blooms Taxonomic Highest Level of Transaction
Unit I			
	1.1 Economics : Meaning, Definition of Economics - Adam Smith, Alfred Marshall and Lionel Robins	Explain the basic concepts used in economics and the definition of economics given by <ul style="list-style-type: none"> • Adam Smith • Alfred Marshall and • Lionel Robins 	K2
	1.2 Law of Demand, Law of Supply and factors determining demand / supply	List the basic concepts such as demand, supply, profit, price, equilibrium, value of commodity and factors determining demand / supply	K1
	1.3 Elasticity of demand, Price of elasticity of demand, Income elasticity of demand and Cross elasticity of demand	Relate the elasticity of demand and its type, calculation of price, income and Cross elasticity of demand.	K2
	1.4 Law of Diminishing Marginal Utility and Indifference Curve Analysis	Identify the various formulae on TU, AU, MU and properties of indifference curve.	K3
Unit II			
	2.1 National Income : Calculation of National Income, GDP, GNP, NNP and NDP	Estimate the calculation of national income for each and every country and the calculation of GDP, GNP, NNP and NDP.	K6

	2.2 Inflation, meaning and causes of inflation	Discuss the causes of inflation.	K6
	2.3 Remedial measures for the growth, savings, investment and inflation	Recommend the remedial measures to solve the problem of growth rate, savings, investment and inflation.	K5
		Discuss the lists of essential commodities available in the market and the price changes of essential commodities.	K6
		Outline the inflation rate with help of WPI and CPI.	K2
Unit III			
	3.1 Banking: History, meaning, list of Nationalized Banks, recent trends in banking sector, Reforms.	Classify the various indices used in stock market such as <ul style="list-style-type: none"> • BSE • NSE • Bear • GDR • Bull 	K4
		Explain repo-rate, reverse repo-rate, bank rate, CRR, liquidity, various types of deposits with interstate.	K2
		Evaluate the current and recent trends in banking sector.	K5
		Estimate the GDP growth of the economy.	K6
	3.2 Non-banking Financial Institutions (NBFIs)	Compose the functions and performance of NBFIs.	K6
Unit IV			
	4.1 Stock Market in India : Growth, origin, lists, primary & secondary markets	Analyze the growth and origin of stock market in India.	K4

	4.2 Mutual Funds, Meaning of shares, Debentures, bonds, Share certificates, stocks, Prime lending rate	Motivate the investment on various mutual fund schemes, return on investment in various mutual schemes, shares, debentures, stocks, bonds, share certificates and its types.	K4
		Predict the prime lending rate.	K6
Unit V			
	5.1 Public Finance : Tax, Types, Structure and slabs of income tax	Explain the meaning and types of tax and income tax slab for various years and to have a comparative analysis.	K5
	5.2 Budget at a glance	Appraise the budget, fiscal deficit, Surplus and Deficit budget.	K5

Mapping Scheme for the PO, PSOs and COs

L-Low

M-Moderate

H- High

Mapping	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PS3	PS4
CO1	H	M	H	M	H	M	M	H	M	M	M	M	M
CO2	H	M	H	M	M	M	M	M	M	H	M	H	H
CO3	M	H	H	H	H	M	M	H	M	H	H	H	M
CO4	M	H	M	H	M	M	M	H	M	H	H	H	H
CO5	H	H	M	M	M	H	H	M	M	M	M	H	M
CO6	H	H	M	M	M	H	M	H	M	M	H	H	H

COURSE ASSESSMENT METHODS

Direct
<ol style="list-style-type: none"> 1. Continuous Assessment Test I,II 2. Open book test; Cooperative learning report, Assignment; Journal paper review, Group discussion on Current Affairs, Group Presentation, Project Report, Poster Preparation, Models, Product Demonstration, Seminar, Conduct of Quiz 3. End Semester Examination
Indirect
<ol style="list-style-type: none"> 1. Course-end survey 2. Employability / Placement

Course Coordinator: Dr. S. Shanthi Getzie Ranjini Devi

CORE V: MACROECONOMICS – II

Semester IV
Course Code: U20EC405

Hours per week: 5
Credits: 4

COURSE OUTCOMES:

At the end of this course, the students will be able

Sl. No	Course Outcomes	Level	Unit
1.	To recall the types of savings	K1	I
2.	To define the concept of MEC and factors affecting MEC	K1	II
3.	To explain the working of multiplier and its importance	K2	III
4.	To discuss principles of Accelerator	K6	IV
5.	To analyze objectives and importance of macroeconomic policy	K4	V
6.	To construct the equilibrium of IS-LM	K6	V

Unit – I : Saving and Investment

Meaning of Saving, Types of Savings & Purpose of Saving - Factors Determining the Size of Savings - Investment & Types of Investment - Saving and Investment (Functional Equality).

Unit – II : Marginal Efficiency of Capital

Meaning of MEC - Investment Demand Schedule - Factors Affecting MEC - Criticism of MEC.

Unit – III : The Multiplier

Definition of Multiplier - Working of the Multiplier - Assumptions of the Multiplier Theory – Types of Multiplier - Leakages of the Multiplier - Importance of Multiplier - Criticism of the Multiplier.

Unit – IV : Principle of Accelerator

Meaning of Acceleration - Significance of the Acceleration Principle - Limitations of Acceleration Principle - Interaction of Multiplier and Accelerator - Super Multiplier.

Unit – V : Macroeconomic Policy and General Equilibrium

Macroeconomic Policy, objectives, importance and Limitations of Macroeconomic Policy – General Equilibrium - ISLM Functions.

Unit VI : Topics for self-study

S. No	Topic	Web link
1	Recent trends in Fiscal policy	https://www.bloomberqunt.com/business/india-fiscal-deficit-breaches-target-to-hit-46-in-fy20#:~:text=Expenditure%20Trends,-Created%20with%20Rapha%C3%AB1&text=For%20the%20ongoing%20fiscal%2C%20fiscal,ICRA%20said%20in%20a%20note.
2	Monetary Policy	https://www.clearias.com/monetary-policy/

3	Role of RBI in Monetary policy	https://www.drishtiias.com/daily-updates/daily-news-analysis/monetary-policy-rbi#:~:text=The%20MPC%20is%20a%20statutory,the%20inflation%20target%20(4%25).
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Text Book

1. Sankaran S., Macroeconomics, Margham Publications, Chennai, 2000.

References

1. Vaish M.C., Macroeconomic Theory, Wiley Eastern Limited, New Delhi, 2000.
2. Gupta G.S., Macroeconomics, Tata McGraw-Hill Publishing Company Ltd., New Delhi, 2008.
3. Sankaran S., Macroeconomics, Margham Publications, Chennai, 2000.
4. Cauveri R SudhaNayak, Macroeconomics, S. Chand Publishers, New Delhi, 2003.
5. Seth M.L., Macroeconomics, Lakshmi Narain Agarwal Publishers, Agra, 1993.
6. Sankaran S., Macroeconomics, Margham Publications, Chennai, 2000.

LEARNING OUTCOMES: BLOOM'S TAXONOMIC LEVELS OF TRANSACTIONS

Unit	Course Contents	Learning Outcomes	Blooms Taxonomic Highest Level of Transaction
Unit 1			
	1.1 Saving and Investment: Meaning of Saving, Types of Savings & Purpose of Saving.	Define the meaning of saving, types of savings and purpose of savings	K1
	1.2 Factors Determining the Size of Savings.	List the factor determining the size of savings	K1
	1.3 Investment & Types of Investment - Saving and Investment (Functional Equality).	Discuss the investment and types of investment	K6
Unit 2			
	2.1 Marginal Efficiency of Capital: Meaning of MEC - Investment Demand Schedule.	Explain the meaning of Marginal Efficiency of Capital and investment demand schedule	K5
	2.2 Factors Affecting MEC - Criticism of MEC.	Discuss the factors affecting MEC and criticism of MEC	K6
Unit 3			

	3.1The Multiplier: Definition of Multiplier - Working of the Multiplier - Assumptions of the Multiplier Theory.	Define Multiplier, working of the multiplier and assumptions of the Multiplier theory	K1
	3.2 Types of Multiplier - Leakages of the Multiplier.	Classify the types of multiplier and leakages of the multiplier.	K4
	3.3 Importance of Multiplier - Criticism of the Multiplier.	Discuss the importance of multiplier and criticism of the multiplier	K6
Unit 4			
	4.1Principle of Accelerator: Meaning of Acceleration - Significance of the Acceleration Principle - Limitations of Acceleration Principle.	Elaborate the meaning of Acceleration, significance of the acceleration principle and limitations of Acceleration principle.	K6
	4.3 Interaction of Multiplier and Accelerator - Super Multiplier.	Compile the interaction of multiplier, Accelerator and super multiplier	K6
Unit 5			
	5.1Macroeconomic Policy and General Equilibrium: Macro-economic Policy, objectives, importance.	Discuss the macroeconomic policy, objectives and importance	K6
	5.2 Limitations of Macroeconomic Policy – General Equilibrium - ISLM Functions.	Explain the limitations of macroeconomic policy, general equilibrium and IS-LM functions.	K5

Mapping Scheme for the PO, PSOs and COs

Mapping	L-Low			M-Moderate			H- High				PSO		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3	PSO4
CO1	H	H	M	M	H	M	M	L	H	L	M	L	H
CO2	H	H	L	L	M	H	H	L	H	L	M	M	H
CO3	H	M	M	-	M	M	M	L	H	L	M	M	H
CO4	H	M	M	-	M	M	M	L	H	L	M	M	H
CO5	H	H	H	M	M	M	L	-	H	L	M	M	H
CO6	H	H	H	M	M	M	-	L	H	L	M	M	H

COURSE ASSESSMENT METHODS

Direct
1. Continuous Assessment Test I &II 2. Open book test; Assignment, Journal paper review, Group Presentation, Project report, End Semester Examination
Indirect
1. Course-end survey

Course Coordinators: Dr. S. Shanthi Getzie Ranjini Devi & Dr. D. Ranjith Kumar

ELECTIVE I: BASIC MATHEMATICS IN ECONOMICS

Semester IV

Course Code: U20EC4:1

Hours per week: 5

Credits: 5

COURSE OUTCOMES:

At the end of this course, the students will be able

Sl. No	Course Outcomes	Level	Unit
1.	To apply mathematics as a tool to study Economics.	K3	I
2.	To classify the types of sets	K2	I
3.	To construct matrix and determinants in economics	K3	II
4.	To formulate the application of linear equations	K6	III
5.	To predict the AP & GP in business	K6	IV
6.	To utilize the principles of permutation and combination in economics	K6	V

Unit I Theory of Sets:

Meaning – Types of sets – Set operations – Venn diagram – Law of sets – ordered pairs – relations and functions (simple problems)

Unit – II: Matrices:

Meaning – Types of matrices – Addition and subtraction – Matrix multiplication – its properties – transpose of a matrix - inverse of a matrix (simple problems).

Unit – III: Determinants and Algebra:

Determinants – meaning – Application to solution of linear equations – Rank of a matrix- Algebra – Equations and eliminations method.

Unit IV: Progression and Annuities

Arithmetic Progression - Geometric progression - Simple and Compound Interest - Annuities (simple problems).

Unit V: Permutations and Combinations:

Definitions and fundamental principles – Permutations - Combinations (simple problems).

Unit VI: Topics for Self-Study

S. No	Topic	Web link
1	Probability	https://www.mbacrystalball.com/blog/2015/07/03/probability/
2	Binomial Theorem	https://www.hitbullseye.com/Binomial-Expansion-Examples.php

LEARNING OUTCOMES: BLOOM'S TAXONOMIC LEVELS OF TRANSACTIONS

Unit	Course Contents	Learning Outcomes	Blooms Taxonomic Highest Level of Transaction
Unit 1			
	1.1 Theory of sets: Meaning – Types of sets – set operations	Define sets, types of set and operation of the sets	K1
	1.2 Venn Diagram-Law of sets	Illustrate the laws of sets in the form of venn diagrams	K2
	1.3 Ordered Pairs – Relations and functions(Simple Problems)	Discuss the law of sets and work out the problems	K6
Unit 2			
	2.1 Matrices - Meaning – Types of matrices	Examine the meaning of Matrices and types of matrices	K4
	2.2 Addition and subtraction – Matrix multiplication	Compare addition and subtraction of the matrix	K5
	2.3 Properties of sets – transpose of a matrix inverse of a matrix (simple problems).	Discuss the properties of sets and work out the simple problems of the matrix	K6
Unit 3			
	3.1 Determinants Determinants – meaning – Application to solution of linear equations	Explain the meaning of the Determinants and its application	K5
	3.2 Rank of a matrix	Estimate the rank of matrix	K6

	3.3Algebra – Equations and eliminations method	Solve the algebra equations and elimination methods	K6
Unit 4			
	4.1Progression - Arithmetic Progression - Geometric progression	Explain the Arithmetic progression and Geometric progression with suitable examples.	K5
	4.2Simple and Compound Interest	Estimate the simple and compound interest	K5
	4.3Annuities (simple problems).	Predict the annuities and work out the annuities.	K6
Unit 5			
	5.1Permutation Definitions and fundamental principles of Permutation	Discuss the definition and principles of permutation	K6
	5.2Combination - Definitions and fundamental principles of Combination (simple problems).	Appraise the principles of combination	K5

Text Book

- Vital P.R., Business Mathematics, Margham Publications, Chennai, 2005.

References

- Bose.D., An Introduction to Mathematical Methods, Himalaya Publishing House, Mumbai
- Sanchet D.C. and Kapoor V.K., Business Mathematics, Sultan Chand and Sons Publishers, New Delhi, 1983.
- Rees, Paul K. Dparks, Fred Wand Rees. Charles Sparks, College Algebra, McGraw Hill Book Company, Blacklick, Ohio, U.S.A., 1977.
- Jay L Devore.,Probability and Statistics, reprint 2002,Esvar publisher, Chennai
- K.R.Mahesh Kumar, Ramesh and Saritha Mahesh, Business Mathematics, First edition,2007.

Mapping Scheme for the PO, PSOs and COs

Mapping	L-Low			M-Moderate			H- High						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3	PSO4
CO1	H	M	M	M	M	M	-	L	H	L	M	M	H
CO2	H	H	M	-	-	M	-	L	H	L	M	M	H
CO3	H	H	M	-	-	M	-	L	H	L	M	M	H
CO4	H	H	M	M	M	H	-	L	H	L	M	H	H
CO5	H	H	M	M	M	M	-	L	H	L	M	M	H
CO6	H	H	L	-	M	L	M	L	H	L	M	M	H

COURSE ASSESSMENT METHODS

Direct
<ol style="list-style-type: none"> 1. Continuous Assessment Test I & II 2. Open book test; Assignment, Journal paper review, Group Presentation, Project report, End Semester Examination
Indirect
<ol style="list-style-type: none"> 1. Course-end survey

Course Coordinators: Dr. S. Seethalakshmi & Mrs. M. Manimegalai

ALLIED VI: ECONOMICS OF TOURISM

Semester IV

Course Code: U20EC4Y6

Hours per week: 4

Credits: 3

COURSE OUTCOMES:

At the end of this course, the students will be able

Sl. No	Course Outcomes	Level	Unit
1.	To recall the origin and development of tourism	K1	I
2.	To analyse the significance of tourism development in India	K4	II
3.	To discuss the functions of travel agents	K6	III
4.	To Explain the functions of ITDC and TTDC	K5	IV
5.	To List out the Tourist centers in Tamil Nadu	K1	V
6.	To evaluate the recent Developments in Tourism	K5	V

Unit -I: Fundamentals of Tourism

Meaning and definition of Tourism - Scope and importance of tourism - Who is a tourist? – Classification of Tourist - International Tourism - Domestic Tourism - Barriers of Travel.

Unit -II: Economic Dimensions

Impact of tourism, Economic, Social & Environmental - Tourism Statistics - Carrying capacity of destination - Tourism Demand and Tourism supply - Tourism Transport – Tourist Hotels & types of Hotels.

Unit -III : The Role of the Agency and Tourism Marketing

Functions of Travel Agencies – Ticketing - Tour Operator - Tourism Marketing Methods - Advertising & Sales support method - Public Relations - Image Building Methods - Tourist Guide & Qualities of a good Tourist Guide.

Unit -IV : Tourism Planning and Development

Tourism planning & planning process - India Tourism Development Corporation (ITDC) – Tamil Nadu Tourism Development Corporation (TTDC) - World Tourism Organisation – Preparation of Travel documents – e-VISA.

Unit -V : Tourism and the State

Reasons for receiving more tourists to the state - Tourist centres in Tamil Nadu - Festivals of Tourism in Tamil Nadu - Travel fairs and Exhibitions - Recent Developments in Tourism – Local tourism (Tiruchirappalli).

Unit VI: Topics for Self-study

S. No	Topic	Web link
1	Hospitality and Tourism	https://www.ibef.org/industry/tourism-hospitality-india.aspx#:~:text=The%20Indian%20tourism%20and%20hospitality,the%20services%20sector%20in%20India.&text=During%202019%2C%20contribution%20of%20travel,(US%24%20194.30%20billion).
2	Cultural Tourism	https://en.wikipedia.org/wiki/Cultural_tourism
3	Medical Tourism	https://www.news-medical.net/health/What-is-Medical-Tourism.aspx#:~:text=Medical%20tourism%20can%20be%20defined,purpose%20of%20receiving%20medical%20care.
4	Online Travel Booking	https://maxi-booking.com/blog/what-is-online-internet-booking-system/

Text Book

1. Bhatia A.K., Tourism Development, Principles and Practices, 2nd revised edition, Sterling Publishers Private Limited. New Delhi, 2001.

References

1. Krishnan. K. Karma, Economics of Tourism, Kanishka Publishers, New Delhi, 2001.
2. Sunil Gupta and Bansal. S.P., Tourism Towards 21st Century, Deep and Deep Publications Private Limited, New Delhi, 1998.
3. Pranath, India a Travellers Companion, Sterling Publishers Private Limited, New Delhi, 2000.
4. Bansal. S.P., Tourism in the New Millennium, Challenges and Opportunities, Abhishek publications, Chandigarh, 2002.
5. M.Sajnani & V.K.Goswami, Tourism: Growth, Management and incentives, published in 2002, kalpaz publications New Delhi.

LEARNING OUTCOMES: BLOOM'S TAXONOMIC LEVELS OF TRANSACTIONS

Unit	Course Contents	Learning Outcomes	Blooms Taxonomic Highest Level of Transaction
Unit 1			
	1.1 Fundamentals of Tourism : Meaning and definition of Tourism -	Tell the meaning and definition of the tourism	K1
	1.2 Scope and importance of tourism	Explain the scope and importance of tourism	K2
	1.3 Who is a tourist? – Classification of Tourist.	Classify the tourist	K4
	1.4 International Tourism - Domestic Tourism - Barriers of Travel.	Compare the international tourism and domestic tourism	K5
Unit 2			
	2.1 Economic Dimensions: Impact of tourism, Economic, Social & Environmental - Tourism Statistics.	Discuss the impact of tourism in different dimensions	K6
	2.2 Carrying capacity of destination	Analyse the carrying capacity of destination	K4
	2.3 Tourism Demand and Tourism supply.	Compare the tourism demand and Supply	K5
	2.4 Tourism Transport – Tourist Hotels & types of Hotels.	Examine the tourism transport, tourist hotels and types	K4
Unit 3			
	3.1 The Role of the Agency and Tourism Marketing: Functions of Travel Agencies – Ticketing - Tour Operator.	Analyse the Functions of Travel Agencies, Tour Operator.	K4
	3.2 Tourism Marketing Methods - Advertising & Sales support method - Public Relations.	Discuss the tourism marketing and public relations	K6

	3.3 Image Building Methods - Tourist Guide & Qualities of a good Tourist Guide.	Elaborate the Image Building Methods and Qualities of a good Tourist Guide.	K6
Unit 4			
	4.1 Tourism Planning and Development: Tourism planning & planning process - India Tourism Development Corporation (ITDC).	Explain the Tourism planning and India Tourism Development Corporation (ITDC).	K5
	4.2 Tamil Nadu Tourism Development Corporation (TTDC).	Evaluate the Tamil Nadu tourism development corporation	K5
	4.3 World Tourism Organization – Preparation of Travel documents – e-VISA.	Examine the world tourism organization, passport and VISA	K4
Unit 5			
	5.1 Tourism and the State: Reasons for receiving more tourists to the state.	Explain the reasons for receiving more tourists.	K5
	5.2 Tourist centers in Tamil Nadu - Festivals of Tourism in Tamil Nadu	List the Tourist centers in Tamil Nadu, Festivals of Tourism in Tamil Nadu	K4
	5.3 Travel fairs and Exhibitions.	Discuss the travel fairs and Exhibitions.	K6
	5.4 Recent Developments in Tourism – Local tourism (Tiruchirappalli).	Analyze the recent Developments in Tourism and Local tourism (Tiruchirappalli).	K4

Mapping Scheme for the PO, PSOs and COs

Mapping	L-Low			M-Moderate			H- High				PSO1	PSO2	PSO3	PSO4
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9					
CO1	H	M	M	L	M	L	-	M	H	L	M	H	H	
CO2	H	M	L	L	H	M	-	L	H	L	M	H	H	
CO3	H	M	L	-	M	M	M	M	H	L	M	H	H	
CO4	H	M	M	-	M	M	L	M	H	L	M	M	H	
CO5	H	H	M	L	M	M	M	L	H	L	M	H	H	
CO6	H	M	M	-	M	M	-	L	H	L	M	M	H	

COURSE ASSESSMENT METHODS

Direct
<ol style="list-style-type: none"> 1. Continuous Assessment Test I &II 2. Open book test; Assignment, Journal paper review, Group Presentation, Project report, End Semester Examination
Indirect
<ol style="list-style-type: none"> 1. Course-end survey

Course Coordinator: Dr. H. Esther Rani

NMEC: II ECONOMICS FOR COMPETITIVE EXAMINATIONS – II

Semester: IV

Hours per week: 2

Course Code: U20EC4E2

Credits: 2

COURSE OUTCOMES:

At the end of this course, the students will be able

Sl. No	Course Outcomes	Level	Unit
1.	To explain the recent trends of population in India	K2	I
2.	To discuss the remedial measures to solve the problems of poverty and unemployment	K6	II
3.	To elaborate the objectives of planning in India and NITI Aayog (I FYP to XII FYP)	K6	II
4.	To examine the recent infrastructural development in India	K4	III
5.	To analyse the functioning of international financial institutions	K4	IV
6.	To assess the role of agriculture and industrial development in India	K5	V

Unit – I: Indian Economy

Population of India - Literacy rate in India - Population policy - Human Development Index (HDI) 2015-16 - Unemployment & types - Poverty & Measurement of Poverty - Causes and remedial measures to solve the problem of unemployment & poverty.

Unit – II: Planning and Development

Meaning & Definition - Objectives and achievements of plans (First Five year plan 1951-56 to Twelfth Five Year plan 2007-2012) - Plan outlays (from First Five year plan to Twelfth Five year plan) – NITI Aayog.

Unit – III: Infrastructural Development

Modes of Transport, Roadways, Railways, Airways and water ways - Merits and demerits of modes of transport - Power, Energy and Communication development.

Unit – IV: International Economic Relations

Meaning of International Trade - Balance of Trade and Balance of payments - Foreign Exchange Rate - International Monetary Fund (IMF), origin of IMF, objectives & Functions – The World Bank and its Functions - The World Trade organization (WTO) and its Functions - GATT (General Agreement on Trade and Tariffs) - SAARC - The United Nations Conference on Trade and Development UNCTAD- Functions of UNCTAD - Role of foreign Direct Investment (FDI).

Unit - V: Agriculture and Industrial Development

Role of agriculture in India - Role of Industries, Small-scale, medium and large scale Industries - SEZs (Special Economic Zones) - New Industrial Policy - New Economic Policy, Liberalization, Privatization & Globalization (LPG), its Merits and Demerits.

Unit VI: Topics for self-study

Sl. No	Topic	Web link
1	NITI Aayog.	https://www.niti.gov.in/objectives-and-features

2	FIVE YEAR PLAN	http://mospi.nic.in/sites/default/files/Statistical_year_book_in_dia_chapters/Five%20Year%20Plan%20writeup_0.pdf
3	WTO	https://www.wto.org/english/thewto_e/thewto_e.htm
4	SAARC	https://www.saarc-sec.org/index.php/about-saarc/about-saarc

Text Book :

1. Gaurav Datt & Ashwani Mahajan, Indian Economy (2013), S.Chand & Company Ltd., New Delhi.

References:

1. Agarwal H.S. (2008), Micro Economic Theory, (7th Edition), Ane Books India, New Delhi.
2. Ruddar Dutt and Sundaram K.P.M. (2017), Indian Economy, Revised Fifty Sixth edition, S. Chand & Company Ltd., New Delhi.
3. Arun Arora (2018), Economics (For SSC, Railway & other State Services Exams), 1st edition , McGraw Hill Education (india) Private Limited, New Delhi.
4. Dean S. Karlan, Jonathan J., Morduch, Economics (2nd Edition), June 19th , 2020, McGraw Hill, India.
5. Ramesh Singh (2020), Indian Economy, For Civil Services Examinations (11th Edition), McGraw Hill Education (India) Private Limited, New Delhi.

LEARNING OUTCOMES: BLOOM'S TAXONOMIC LEVELS OF TRANSACTIONS

Unit	Course Contents	Learning Outcomes	Blooms Taxonomic Highest Level of Transaction
Unit- I			
	1.1 Indian Economy : Population of India – Literacy rate, Sex Ratio, Density of population, Population Policy, Family Planning Programme, Human Development Index (HDI-2019)	Tell the population of India, literacy rate, sex ratio, density of population for all the States and UTs of India.	K1
		Explain the importance of Family Planning Programme and Population Policy of India and HDI.	K5
	1.2 Poverty & Unemployment: Measurement of Poverty, Types of Unemployment, Unemployment rate in India, causes and remedial measures to solve the problem of unemployment and poverty in India	Analyse the measurement of poverty both in Rural and Urban population, absolute and relative measurement of poverty, recent data on poverty and unemployment, types of Unemployment.	K4

		Appraise the problem of poverty and unemployment through various Government (Central & State) Schemes.	K5
Unit- II			
	2.1 Planning & Development : History, Meaning, Objectives of Planning in India and achievements of Plans (I to XII), plan outlay	Compare Plan and Planning, outlay and allocation of resources, NITI Aayog and Make in India.	K5
	2.2 NITI Aayog since 2015	Explain NITI Aayog and Make in India.	K5
Unit- III			
	3.1 Infrastructural Development : Modes of Transport – Roadways, Railways, Airways and Waterways, its merits and demerits	Classify the various modes of transport system and its importance of National development,	K4
	3.2 Power, Energy and Communication development	Determine the importance of power, types and recent development, renewable and non-renewable sources of energy and its crisis, types of communication and its recent development like 2G, 3G, 4G and 5G.	K5
Unit- IV			
	4.1 International Economic Relations: Meaning of internal and International trade, Balance of Trade (BOT) and Balance of Payment (BOP), Foreign Exchange rate	Analyse the difference between internal trade and international trade, BOP and BOT Foreign Exchange rate.	K4
	4.2 International Monetary Fund (IMF) : Objectives, Functions, World Bank, World Trade Organization (WTO), SAARC, UNCTAD	Explain the objectives and functions of IMF, World Bank, WTO, SAARC, UNCTAD and its history and reason for establishment.	K5
	4.3 Role of Foreign Direct Investment (FDI)	Estimate the rate of FDI in India, contribution in FDI, role of Foreign Institutional Investors (FIIs) and	K6

		their contribution toward investment in India.	
Unit- V			
	5.1Agriculture & industrial Development : Role of agriculture in India	Discuss the role and recent development in agriculture	K6
	5.2 Role of Industries, Small-scale, Medium and Large scale industries, Role of MSME in India, New Industrial Policy, Special Economic Zones (SEZs)	Appraise the role of industries and its recent development, investment on small, medium and large scale industries, New Industrial Policy, MSME and its recent development, SEZs.	K5
	5.3 New Economic Policy – LPG, its merits and demerits	Evaluate the New Economic Policy.	K5

Mapping Scheme for the PO, PSOs and COs

L-Low

M-Moderate

H- High

Mapping	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PSO 1	PSO2	PS03	PS04
CO1	H	M	H	M	H	M	M	H	-	M	M	M	M
CO2	H	H	H	M	M	M	H	M	-	H	M	H	-
CO3	M	H	H	H	M	M	-	H	-	M	H	H	-
CO4	M	H	M	H	M	M	M	M	-	M	H	H	-
CO5	H	H	M	M	M	H	H	M	-	M	M	H	-
CO6	H	H	M	M	M	M	M	H	-	M	H	H	-

COURSE ASSESSMENT METHODS

Direct
<ol style="list-style-type: none"> 1. Continuous Assessment Test I,II 2. Open book test; Cooperative learning report, Assignment; Journal paper review, Group discussion on Current Affairs, Group Presentation, Project Report, Poster Preparation, Models, Product Demonstration, Seminar, Conduct of Quiz 3. End Semester Examination
Indirect
<ol style="list-style-type: none"> 1. Course-end survey 2. Employability / Placement

Course Coordinator: Dr. S. Shanthi Getzie Ranjini Devi

CORE VI: FISCAL ECONOMICS

Semester V
Course Code: U20EC506

Hours per week: 6
Credits: 5

COURSE OUTCOMES:

At the end of this course, the students will be able

Sl. No	Course Outcomes	Level	Unit
1.	To recall the meaning, nature and scope of fiscal economics	K1	I
2.	To explain the principles of taxation	K2	I
3.	To show the sources of public revenue	K2	II
4.	To identify the types and causes for the growth of public expenditure	K3	III
5.	To analyze the management and repayment of public debt in India	K4	IV
6.	To evaluate the central and state government budget and fiscal policy	K5	V

Unit -I: Nature and Scope

Meaning and definition of Fiscal Economics - Nature and Scope - Private and public finance - Principles of Taxation - Benefit and cost of service theory - Ability to pay theory - Taxable capacity, Meaning, Types & Factors determining Taxable Capacity - Progressive, Proportional and Regressive Taxation.

Unit -II: Public Revenue

Public Revenue, Meaning & Classification - Canons of Taxation - Revenues of centre and States - Non-tax revenue - Direct and Indirect Taxes - Income tax - Expenditure Tax – Capital gain tax - Commodity taxes - Import and Export duty - VAT - Excise duty - GST.

Unit -III: Public Expenditure

Meaning of Public – Public vs Private Expenditure - Canons of Public expenditure – causes for the growth of public expenditure - Effects and Control of public expenditure.

Unit - IV: Public Debt and Finance Commission

Meaning and Classification - Redemption of public debt and causes for the public debt - Federal finance, Meaning and principles - Finance commission - State finance commission - Local finance - functions.

Unit -V: Budget and Fiscal Policy

Analysis of current year budget - State and Central Budget, Meaning of Performance budgeting - Deficit budget and Surplus budget - Fiscal policy, Meaning -Objectives and Techniques of Fiscal policy.

Unit VI: Topics for self-study:

Sl. No	Topics	Web Links
1.	recent changes in GST	https://cleartax.in/s/gst-news-and-announcements#:~:text=The%20due%20date%20of%20GSTR%2D1%20and%20GSTR%2D3B%20for,late%20filing%20of%20GST%20retu

		rns.&text=Further%2C%20CMP%2D08%20and%20GSTR,up%20to%2030th%20June%202020.
2.	recent tax slabs in GST	https://www.myloancare.in/gst/gst-rates-slabs-tax-rate-india/

Text Book

1. Sankaran. S., Fiscal Economics, An introduction to Public Finance, Margham Publishers, Chennai.

References

1. Tyagi B.P., Public Finance, Jai Prakash Publishers, Meerut, 1994.
2. Sankaran S., Fiscal Economics, An Introduction to Public Finance, Margham Publishers, Chennai, 2001.
3. Vaish M.C., Public Finance, Allied Publishers, New Delhi, 1984.
4. Bright Singh. D., Fiscal Economics, Higgin Bothams Publishers, New Delhi, 2000.
5. Dr. Cauvery R., Public Finance, S. Chand & Company Limited, New Delhi,

LEARNING OUTCOMES: BLOOM'S TAXONOMIC LEVELS OF TRANSACTIONS

Unit	Course Contents	Learning Outcomes	Blooms Taxonomic Highest Level of Transaction
Unit 1			
	1.1 Nature and Scope Meaning and definition of Fiscal Economics - Nature and Scope	Explain the meaning, definition, nature and scope of fiscal finance.	K2
	1.2 Private and public finance	Distinguish between the private and public finance	K4
	1.3 Principles of Taxation - Benefit and cost of service theory - Ability to pay theory - Taxable capacity	Appraise the Principles of Taxation, Benefit and cost of service theory and Ability to pay theory	K4
	1.4 Meaning, Types & Factors determining Taxable Capacity	Analyse the types and factors determining taxable capacity	K4
	1.5 Progressive, Proportional and Regressive Taxation.	List the Progressive, Proportional and Regressive Taxation.	K4
Unit 2			

	2.1 Public Revenue Public Revenue, Meaning & Classification - Canons of Taxation.	Classify the public revenue	K4
	2.2 Revenues of centre and States - Non-tax revenue - Direct and Indirect Taxes -	Distinguish between direct and indirect taxes and the sources of state and central government	K4
	2.3 Income tax - Expenditure Tax – Capital gain tax - Commodity taxes	Discuss the Income tax, Expenditure Tax, Capital gain tax, Commodity taxes	K6
	2.4 Import and Export duty - VAT - Excise duty - GST	Analyse the Import and Export duty, VAT, Excise duty - GST	K4
Unit 3			
	3.1 Public Expenditure , Meaning of Public and Private Expenditure	Compare private and public expenditure	K2
	3.2 Canons of Public expenditure	Explain the canons of public expenditure	K5
	3.3 causes for the growth of public expenditure	Discuss the causes for the growth of public expenditure	K6
	3.4 Effects & Control of public expenditure.	Evaluate the Effects and Control of public expenditure.	K5
Unit 4			
	4.1 Public Debt and Finance Commission Public debt, Meaning & Classification - Redemption of public debt & causes for the public debt	Explain the meaning and classification of public debt	K5
	4.2 Federal finance , Meaning and principles	List the principles of federal finance	K4
	4.3 Finance commission - State finance commission - Local finance - functions.	Examine the functions of state finance commission and local finance	K4
Unit 5			

	5.1 Budget and Fiscal Policy Analysis of current year budget State / Central	Evaluate the current budget of state and central government	K5
	5.2 Budget, Meaning & Performance budgeting - Deficit budget & Surplus budget	Explain the meaning of budget and performance budget	K5
	5.3 Fiscal policy, Meaning, Objectives & Techniques of Fiscal policy.	Analyse the objectives and techniques of fiscal policy	K4

Mapping Scheme for the PO, PSOs and COs

L-Low

M-Moderate

H- High

Mapping	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3	PSO4
CO1	H	H	M	M	H	M	-	L	H	M	H	M	H
CO2	H	M	L	M	M	M	-	L	H	H	H	M	H
CO3	H	M	L	L	M	H	L	M	H	H	M	M	H
CO4	H	M	M	L	H	M	-	M	H	H	M	M	H
CO5	H	M	M	M	M	M	L	L	H	M	H	M	H
CO6	H	H	M	H	H	M	L	M	H	H	H	M	H

COURSE ASSESSMENT METHODS

Direct
<ol style="list-style-type: none"> 1. Continuous Assessment Test I &II 2. Open book test; Assignment, Journal paper review, Group Presentation, Project report, End Semester Examination
Indirect
<ol style="list-style-type: none"> 1. Course-end survey

Course Coordinator: Dr. S. Seethalakshmi

CORE VII: INTERNATIONAL ECONOMICS

Semester V
Course Code: U20EC507

Hours per week: 6
Credits: 5

COURSE OUTCOMES:

At the end of this course, the students will be able

Sl. No	Course Outcomes	Level	Unit
1.	To distinguish between internal trade and International Trade	K4	I
2.	To examine free trade and protective trade policy	K4	II
3.	To illustrate balance of payment	K2	III
4.	To solve disequilibrium in BoP	K6	III
5.	To classify exchange rate system	K2	IV
6.	To determine the functioning of international institution	K5	V

Unit - I: Introduction to International Economics:

Salient features of international economics - Differences between internal trade and international trade–Absolute cost theory - Ricardian theory of comparative costs - Haberler’s theory of opportunity cost - Heckscher–Ohlin theory.

Unit - II: Free Trade and Trade Protection:

Cases for and against free trade - Cases for and against trade protection - Tariffs - Meaning and Types – Quotas - Objectives and Types – Importance – meaning of dumping and objectives - Anti-dumping measures.

Unit - III: Balance of Payment:

Balance of payment - Meaning and importance - Distinction between balance of payment – balance of trade – Causes for disequilibrium in balance of payments - Measures to remove disequilibrium in balance of payments.

Unit - IV: Exchange Rate Systems:

Fixed exchange rate – meaning - cases for and against - Flexible exchange rate - cases for and against - Hybrid system of exchange rates – Devaluation - meaning and importance – Partial and full convertibility of Indian rupee.

Unit -V: International Monetary Systems:

International Monetary fund - Origin and Objectives - International liquidity - World Bank - Origin and Objectives - Lending activities of World Bank - India and the World Bank - GATT and WTO - Differences between GATT and WTO – Objectives and functions of WTO - Evaluation of WTO – SAARC - objectives and functions.- Current trends in International trade.

Unit VI: Topics for self-study:

List the imports and exports and trading partners of India - Visit the World Bank Office at Chennai - Learn the factors influencing exchange rate

Sl. No.	Topics	WebLink
	List the imports and exports and trading partners of India	http://www.worldstopexports.com/indias-top-import-partners/
	Visit the World Bank Office at Chennai Learn the factors influencing exchange rate	https://www.worldbank.org/en/country/india

Text Book

1. Jhingan M.L., International Economics, Virinda Publications, New Delhi, 2015.

References

1. Thomas A. Pugel, International Economics, 13th edition, Tata McGraw – Hill Publishing Company, New Delhi, 2008.
2. Francis Cherunillam, International Economics, 5th edition, Tata McGraw – Hill Publishing Company Limited, New Delhi, 2008.
3. Mithani D.M., International Economics, 8th edition, Himalaya Publishing, Mumbai, 2016.
4. Paul. R. Krugman & Maurice Obstfeld, International Economics, 6th edition, Pearson education, Singapore, 2004.
5. Rana.K.C., Verma.K.C. International Economics, sixth edition 2016, Vishal publishing Co, Delhi 2016

LEARNING OUTCOMES: BLOOM'S TAXONOMIC LEVELS OF TRANSACTIONS

Unit	Course Contents	Learning Outcomes	Blooms Taxonomic Highest Level of Transaction
Unit 1			
	1.1 Introduction to International Economics: Salient features of international economics - Differences between internal trade and international trade.	List the features and differences between internal trade and international trade.	K1
	1.2 Absolute cost theory - Ricardian theory of comparative costs - Haberler's theory of opportunity cost - Heckscher–Ohlin theory	Evaluate the different theories of international economics.	K5
Unit 2			
	2.1 Free Trade and Trade Protection: Cases for and against free trade -	Classify free trade and protection.	K4

	Cases for and against trade protection - Forms of trade Protection		
	2.2 Tariffs - Meaning and Types – Quotas - Objectives and Types – Importance – meaning of dumping and objectives - Anti-dumping measures.	Discuss the tariffs and quotas	K6
		Summarize the objectives of dumping.	K2
Unit 3			
	3.1 Balance of Payments: Balance of payment - Meaning and importance - Distinction between balance of payment –balance of trade –	Analyze the balance of payments.	K4
	3.2 Causes for disequilibrium in balance of payments - Measures to remove disequilibrium in balance of payments.	Appraise the measures to remove disequilibrium in balance of payments.	K5
Unit 4			
	4.1 Exchange Rate Systems: Fixed exchange rate – meaning - cases for and against - Flexible exchange rate - cases for and against.	Explain the fixed and flexible exchange rates.	K5
	4.2 Hybrid system of exchange rates – Devaluation - meaning and importance – Partial and full convertibility of Indian rupee.	Classify the hybrid exchange rates.	K4
Unit 5			
	5.1 International Monetary Systems: International Monetary fund - Origin & Objectives - International liquidity - World Bank - Origin & Objectives - Lending activities of World Bank - India and the World Bank	Appraise the lending activities of IMF.	K5
	5.2 GATT and WTO - Differences between GATT and WTO –	Distinguish between GATT and WTO.	K4

	Objectives and functions of WTO - Evaluation of WTO – SAARC - objectives and functions.- Current trends in International trade.		
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Mapping Scheme for the PO, PSOs and COs

L-Low

M-Moderate

H- High

Mapping	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3	PSO4
CO1	H	H	M	M	H	M	-	L	H	L	M	M	H
CO2	H	H	M	M	M	M	H	L	H	L	M	H	H
CO3	H	M	M	M	M	M	-	L	H	L	M	H	H
CO4	H	M	M	M	M	M	-	L	H	L	M	H	H
CO5	H	H	M	H	M	M	M	L	H	L	M	H	H
CO6	H	H	H	M	M	M	M	L	H	L	M	M	H

COURSE ASSESSMENT METHODS

Direct
<ol style="list-style-type: none"> 1. Continuous Assessment Test I & II 2. Open book test; Assignment, Journal paper review, Group Presentation, Project report, End Semester Examination
Indirect
<ol style="list-style-type: none"> 1. Course-end survey

Course Coordinator: Dr. E. Thelma & Mrs. M. Manimegalai

CORE COURSE VIII: RESEARCH METHODOLOGY

Semester V
Course Code: U20EC508

Hours per week: 6
Credits: 5

COURSE OUTCOMES:

At the end of this course, the students will be able

Sl. No	Course Outcomes	Level	Unit
1.	To define the meaning of social science research	K1	I
2.	To identify the qualities of a good researcher	K3	I
3.	To formulate the research problems	K6	II
4.	To construct the research design	K6	III
5.	To select the sources of data collection	K5	IV
6.	To interpret the data and draw inferences	K5	V

Unit -I : Nature and Significance of Social Science Research

Meaning and definition of research - Social science research - Characteristics of social science research - Sources of data for social science research - Utility of social science research - Difficulties in social science research - Qualities of a Good Researcher.

Unit -II : Selection of Research Problem

Steps involved in selection of research problem - components and role of values in the selection of a research problem - Literature review & sources of literatures.

Unit - III: Research Design

Meaning and definition - Criteria of a good research design - Types of research designs - Steps in preparing a research design.

Unit - IV: Methods of Data Collection

Primary and secondary data - Methods of collecting primary data - Interviewing or Interview as a research tool – Observation - Schedule and Questionnaire - Sources of secondary data; documentary sources, published and unpublished sources - Sampling Methods; Random and Non-random Sampling - Case study method - Survey Method.

Unit - V : Data Processing and the Research Report

Steps in data processing; Editing and Coding - Classification and Transcription - Tabulation, Analysis and Interpretation of data - Meaning and purpose of a report - Format of the research report - Style in writing the research report.

Unit VI: Topics for Self-Study:

Sl. No.	Topics	Web Link
1.	Writing a Research Report	https://www.adelaide.edu.au/writingcentre/sites/default/files/docs/learningguide-writingaresearchreport.pdf
2.	Contents of a Research Report	http://my.ilstu.edu/~mhemmas/LDR%20280/Contents_of_a_Research_Report.htm

LEARNING OUTCOMES: BLOOM'S TAXONOMIC LEVELS OF TRANSACTIONS

Unit	Course Contents	Learning Outcomes	Blooms Taxonomic Highest Level of Transaction
Unit 1			
	1.1 Nature and Significance of Social Science Research: Meaning and definition of research - Social science research.	Define research and Social science research.	K1
	1.2 Characteristics of social science research - Sources of data for social science research - Utility of social science research.	Analyze the Characteristics of social science research	K4
	1.3 Difficulties in social science research	Discuss the Difficulties in social science research	K6
	1.4 Qualities of a Good Researcher.	Explain the Qualities of a Good Researcher.	K4
Unit 2			
	2.1 Selection of Research Problem: Steps involved in selection of research problem.	Evaluate the steps involved in selection of research problem	K5
	2.2 Components & role of values in the selection of a research problem.	Discuss the components and role of values in the selection of research problem	K6
	2.3 Literature review & sources of literatures.	Explain the literature and sources of literature	K5
Unit 3			
	3.1 Research Design: Meaning & definition - Criteria of a good research design.	Show the meaning of good research design	K2

	3.2 Types of research designs - Steps in preparing a research design.	Analyse the types of research design and steps preparing research design	K4
Unit 4			
	4.1 Methods of Data Collection: Primary and secondary data - Methods of collecting primary data - Observation, Schedule & Questionnaire.	Examine the methods of data collection and types of data collection	K4
	4.2 Interviewing or Interview as a research tool - Sources of secondary data, documentary sources, published and unpublished sources.	List the sources of secondary data	K4
	4.3 Sampling Methods, Random and Non-random Sampling - Case study method - Survey Method.	Discuss the sampling methods and case study method	K6
Unit 5			
	5.1 Data Processing and the Research Report: Steps in data processing, Editing & Coding - Classification & Transcription – Tabulation.	Elaborate the steps in data processing, editing, coding	K6
	5.2 Analysis and Interpretation of data - Meaning and purpose of a report.	Interpret the data and purpose of a report	K5
	5.3 Format of the research report - Style in writing the research report.	Discuss the format of the research report and writing the report	K6

Text Books

- C.R.Kothari, Research Methodology, New Age Publications, 1989.
- R.Cauvery, U.k.SudhaNayak, M.Girija and R.Meenakshi, Research Methodology, S.Chand& Company Ltd., New Delhi, 2003.

References

- Brinberg.D. and McGrath.J.E., Validity and the research process, Newbury Park, C.A: Sage Publications, Inc., 1985.
- Erickson.F., Qualitative methods on research on teaching. In M.C.Wittrock (ed.), Handbook of research on teaching, New York: MacMillan, 1986.

- Fitz-Gibbon.C.T. and L.L.Morris, How to Analyse Data, Newbury Park: Sage Publications, Inc., 1987.
- Foddy,.W., Constructing Questions for Interviews and Questionnaires: Theory and Practice in Social Research, Cambridge University Press, 1993.
- Goode and Hatt, Methods in Social Research, Mc Graw Hill Publications, 1986.

Mapping Scheme for the PO, PSOs and COs

	L-Low		M-Moderate				H- High						
Mapping	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3	PSO4
CO1	H	H	M	M	H	H	L	M	H	H	H	M	H
CO2	H	H	M	M	H	M	L	M	H	H	M	M	H
CO3	H	M	M	H	H	M	M	M	H	H	H	M	H
CO4	H	H	M	M	H	H	M	M	H	H	H	M	H
CO5	H	M	M	H	H	M	L	L	H	H	M	M	H
CO6	H	H	M	M	H	H	L	M	H	H	M	M	H

COURSE ASSESSMENT METHODS

Direct
<ol style="list-style-type: none"> 1. Continuous Assessment Test I &II 2. Open book test; Assignment, Journal paper review, Group Presentation, Project report, End Semester Examination
Indirect
<ol style="list-style-type: none"> 1. Course-end survey

Course Coordinator: Dr. B. Neppolian

CORE COURSE IX: ENTREPRENEURSHIP DEVELOPMENT

Semester: V

Hours per week: 5

Course Code: U20EC509

Credits: 5

COURSE OUTCOMES:

At the end of this course, the students will be able

Sl. No	Course Outcomes	Level	Unit
1.	To explain the meaning of an entrepreneur and entrepreneurship	K2	I
2.	To analyze the characteristics, traits and factors determining the entrepreneurship	K4	I
3.	To discuss the various steps to start SSI	K6	II
4.	To examine the problems of rural women entrepreneurs	K4	III
5.	To assess the types of working capital management	K5	IV
6.	To discuss the establishment of SSI in international business	K6	V

Unit -I: Entrepreneurship and Entrepreneur

Meaning and Definition of Entrepreneurship - Scope and Importance of Entrepreneurship – Entrepreneur, Entrepreneur and Manager - Characteristics of Entrepreneurship, Traits, Types and Functions - Factors affecting Entrepreneurship - Project Identification and Classification - Project formulation.

Unit -II: Small Industry

Steps for starting a small industry - Selection of types of organization - Incentives and Subsidies - Import substitution and export oriented items - New Export Import Policy – State Trading Corporations - Liberalisation, Privatisation and Globalisation - Role of Trade fairs.

Unit -III: Rural Women Entrepreneurship

Women entrepreneurs and Rural Women Entrepreneurship - Entrepreneurial Development Programmes (EDP) in India - Special Agencies and Institutions assisting entrepreneurs – DICS, SIDO, NSIE, SSIC, SIDCO, NIESBUD, NISIET - Industrial estates.

Unit -IV: Working Capital Management

Management and Fundamentals of Working capital - Inventory management - Production Management - Marketing and Human Resource Management - Social Cost Benefit Analysis.

Unit -V: Role of Commercial Banks and Entrepreneurial Development

Role of commercial banks and entrepreneurial development - Risk Development Strategy – Backward Area Development - Accounting for Small Enterprises - Role of Small Enterprises in International business.

Unit VI: Topics for Self-Study:

Sl. No	Topics	Web Link
1	Introduction – Potential – Problems – Strategy – Export councils – Case studies of successful entrepreneurs (Men & Women)-Marketing Functions.	http://business.rediff.com/slide-show/2010/jun08/slide-show-1-from-50-paise-to-rs-2-lakh-a-day-success-story

Text Books:

1. Dr.Gupta C.B. & Dr.Srinivasan N.P., (2005), Entrepreneurship Development in India, Sultan Chand & Sons, New Delhi.
2. Jayshree Suresh, (2002), Entrepreneurial Development, Margham Publications. T.Nagar, Chennai.

Recommended Reference Books:

1. Sanjay Tiwari (2007), Entrepreneurship Development in India, First Edition, Sarup and Sons, New Delhi.
2. Anitha (2003), Entrepreneurship Development : Role of Commercial Banks, Mangal Deep Publications, Jaipur.
3. Jayashree Suresh (2002), Entrepreneurial Development, Margham Publications, Chennai.
4. Gupta C.B. & Srinivasan N.P. (2005), Entrepreneurship Development in India, Fifth Edition (2000), Sulton Chand & Sons, New Delhi.
5. Verma S.B. (2005), “Entrepreneurship Development and Employment”, Deep & Deep Publications, New Delhi.

LEARNING OUTCOMES: BLOOM’S TAXONOMIC LEVELS OF TRANSACTIONS

Unit	Course Contents	Learning Outcomes	Blooms Taxonomic Highest Level of Transaction
Unit I			
	1.1 Meaning and Definition of Entrepreneurship – Scope and importance – Characteristics – Traits, types of entrepreneurs, functions, factors affecting Entrepreneurship	Explain the meaning of an entrepreneur, Entrepreneurship, factors of production, characteristics and Traits of entrepreneurs and entrepreneurship.	K2
	1.2 Project identification and classification – Project formulation	Outline the project plan to start a business and Classification of project proposal.	K2
Unit II			

	2.1 Steps for starting a small industry – Selection of types of organization – Incentives – Subsidies – Import Substitution and Export oriented items – New Export Import Policy	Construct the types of ownership, incentives and subsidies and export oriented items.	K6
		Analyse the New Export Import Policy.	K4
	2.2 State Trading Corporation – LPG – Role of Trade Fairs	Discuss the role of STC, Trade Fairs and importance of LPG.	K6
Unit III			
	3.1 Women entrepreneurs – Rural Entrepreneurship – EDP in India, SHGs	Categorize Rural and urban women entrepreneur and their problems	K4
	3.2 Institutions assisting entrepreneurs – DICs, SIDO, NSIE, SSIC, SIDCO, NIESBUD, NISIET and Industrial estates	List the various financial institutions assisting entrepreneurs and role of Industrial estates in promoting business.	K2
Unit IV			
	4.1 Working Capital Management – Fundamentals – Inventory management – Production management, Marketing	Distinguish between the inventory management, production management and functions of marketing.	K4
	4.2 Human Resource Management – Social Cost Benefit Analysis (SCBA)	Analyse the importance of HRM in training, selection process, Recruitment process, feedback collection, labour efficiency, labour turnover, leisure hours, incentives, and bonus.	K4
Unit V			
	5.1 Role of commercial banks and entrepreneurial development – Backward area development	Appraise the role of commercial banks for entrepreneurial development,	K5
	5.2 Role of Small Enterprises in International business	Discuss the role of small enterprises in international level.	K6

Mapping Scheme for the PO, PSOs and COs

L-Low

M-Moderate

H- High

Mapping	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3	PSO4
CO1	M	H	M	M	M	M	H	M	-	H	M	M	-
CO2	M	H	H	H	M	H	H	M	-	H	M	M	-
CO3	H	H	M	H	M	H	H	M	-	M	M	H	-
CO4	H	H	M	M	H	H	H	M	-	H	H	M	-
CO5	M	H	H	M	M	M	H	H	H	M	H	H	-

CO6	M	M	M	M	M	H	H	H	M	H	H	M	-
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COURSE ASSESSMENT METHODS

Direct
<ol style="list-style-type: none"> 1. Continuous Assessment Test I,II 2. Open book test; Cooperative learning report, Assignment; Journal paper review, Group discussion on Current Affairs, Group Presentation, Project Report, Poster Preparation, Models, Product Demonstration, Seminar, Conduct of Quiz 3. End Semester Examination
Indirect
<ol style="list-style-type: none"> 1. Course-end survey 2. Employability / Placement

Course Coordinator: Dr. S. Shanthi Getzie Ranjini Devi

ELECTIVE II: ECONOMICS OF SOCIAL ISSUES

Semester V
Course Code: U20EC5:2

Hours per week: 5
Credits: 5

COURSE OUTCOMES:

At the end of this course, the students will be able

Sl. No	Course Outcomes	Level	Unit
1.	To explain the equality in Human Societies	K2	I
2.	To analyze the social ideas of Indian economic thinkers	K4	I
3.	To outline the Anti-poverty and unemployment programmes	K2	II
4.	To summarize the significance of education in economic development	K2	III
5.	To recommend the measures to control black money in India	K5	IV
6.	To discuss the present status of women in India	K6	V

Unit -I: Social Economics

Definition and Equality in Human Societies - Principles of Social doctrines of Gandhi, truth and human values, nonviolence, dignity of labour and simplicity - Marx –dialectical materialism - labour theory of value- theory of surplus value – Das capital and social ideas of Ambedkar.

Unit -II: Poverty, Unemployment and Related Issues

Poverty, Causes and consequences - Brain drain - causes - Unemployment and Inequality - issues - Economics of Shelter – Refugees - Slavery and Beggary.

Unit - III: Education and Health

Problems in education - Primary, Secondary and Higher education - Health services - Primary Health Centres (PHCs), need and problems - Institutions of Health Services.

Unit -IV: Black Money and Black Marketing

Black Money - Factors responsible for Black Money - Measures to Control Black Money - Black Marketing - Adulteration and Consumerism.

Unit -V: Women Issues

Female infanticide - Social abuse - Present status of women in Education and Employment - Harassment in social life - Role of women in economic development.

Unit VI: Topics for self-study

Sl.No	Topics	Web Link
1.	Gender inequality	https://www.cry.org/issues-views/gender-inequality
2.	Impact of Covid-19	https://timesofindia.indiatimes.com/readersblog/covid-19-and-its-impact-on-india/covid-19-and-its-impact-on-indian-society-27565/
3.	Pros & Cons of New Education Policy	https://upscpathshala.com/content/pros-cons-new-education-policy-2020/

Text Book

Sankaran.S, Indian Economy, Margham Publications, Chennai, 2014.

References

1. Dutt, Rudder and KPM Sundharam, Indian Economy, S.Chand and Co. Pvt. Ltd., New Delhi, 1999.
2. Ray S.K., Indian Economy, Prentice Hall of India Private Limited, New Delhi, 2007.
3. Indira Gandhi Trust, Redefining Good Society, New Delhi, 1999.
4. Lutz, Mark and Kenneth Lus, The Challenge of Humanistic Economics, The Benjamin Cummings publishing Company Inc., California, 1999.
5. Le Grand, Julian and Ray Robinson, The Economics of Social Problems, The Macmillan Press Ltd., London, 2000.
6. Loganathan.S., History of Economic Thought, S.Chand and Co. Pvt. Ltd., New Delhi, 2000.
7. Mohan G.R., Indian Social Problem, Sultan Chand & Co., New Delhi, 2000.
8. Sandford, Cedric, Social Economics, Heinemann Educational Books, London, 1999.
9. Sanhdeva, Introduction to Sociology, Vikas Publishers, New Delhi, 2001.

LEARNING OUTCOMES: BLOOM'S TAXONOMIC LEVELS OF TRANSACTIONS

Unit	Course Contents	Learning Outcomes	Blooms Taxonomic Highest Level of Transaction
Unit 1			
	1.1 Social Economics Definition & Equality in Human Societies	Explain the meaning and definition of the social economics	K2
	1.2 Principles of Social doctrines of Gandhi, Marx and Ambedkar.	Discuss the Principles of Social doctrines of Gandhi, Marx and Ambedkar.	K6
Unit 2			
	2.1 Poverty, Unemployment and Related Issues Poverty, Causes and consequences - Brain drain- causes	Estimate the poverty and unemployment	K6
		Discover the causes of brain drain	K4
	2.2 Unemployment and Inequality issues	Measure the unemployment and inequality issues.	K5
	2.3 Economics of Shelter Refugees, Slavery and Beggary.	Evaluate the Shelter Refugees, Slavery and Beggary.	K5
Unit 3			
	3.1 Education and Health Problems in education - Primary, Secondary and Higher education	Discuss the Problems in education, Primary, Secondary and Higher education	K6

	3.2 Health services - Primary Health, need & problems - Institutions of Health Services.	Analyse the Health services and problems	K4
Unit 4			
	4.1 Black Money Black Money - Factors responsible for Black Money - Measures to Control Black Money	Assess the Black Money, Factors responsible for Black Money, Measures to Control Black Money	K5
	4.2 Black Marketing Black Marketing - Adulteration and Consumerism.	Compare the Black Marketing, Adulteration and Consumerism.	K4
Unit 5			
	5.1 Women Issues Female infanticide - Social abuse	Explain the Female infanticide	K5
	5.2 Present status of women in Education and Employment	Evaluate the Present status of women in Education and Employment	K5
	5.3 Harassment in social life	Examine the Harassment in social life	K4
	5.4 Role of women in economic development.	Assess the Role of women in economic development.	K5

Mapping Scheme for the PO, PSOs and COs

Mapping	L-Low			M-Moderate			H- High						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3	PSO4
CO1	H	M	M	H	M	M	L	-	H	H	M	M	H
CO2	H	L	M	M	H	H	L	L	H	H	M	H	H
CO3	H	H	M	M	H	M	M	L	H	H	M	M	H
CO4	H	H	M	M	H	H	M	M	H	H	H	M	H
CO5	H	M	M	M	H	H	L	L	H	H	M	M	H
CO6	H	H	H	M	M	H	M	M	H	H	H	M	H

COURSE ASSESSMENT METHODS

Direct
<ol style="list-style-type: none"> Continuous Assessment Test I &II Open book test; Assignment, Journal paper review, Group Presentation, Project report, End Semester Examination
Indirect
<ol style="list-style-type: none"> Course-end survey

Course Coordinator: Dr. D. Ranjith Kumar

CORE X: HISTORY OF ECONOMIC THOUGHT

Semester VI
Course Code: U20EC610

Hours per week: 6
Credits: 5

COURSE OUTCOMES:

At the end of this course, the students will be able

Sl. No	Topics	Level	Unit
1.	To recall ancient Indian economic ideas	K1	I
2.	To identify the features of Mercantilism and Physiocracy	K3	II
3.	To evaluate the ideas of classical economist	K5	III
4.	To compare the Historical school ideas with modern economic thought	K4	IV
5.	To discuss the features of nationalist school	K6	IV
6.	To explain the contributions of Nobel laureates	K5	V

Unit - I: Ancient Economic Ideas in India

Definition and importance of history of economic thought - Economic thought in ancient India - Kautiliya's Arthashastra - Economic ideas of Thiruvalluvar.

Unit - II: Mercantilism and Physiocracy

Meaning and features of Mercantilism – Meaning and features of Neo-Mercantilism – Meaning and features of physiocrats.

Unit - III: Classical School and Socialism

Features of classical school - Adam Smith - Division of labour – value – Role of money and Government - criticisms - T.R. Malthus – The Malthusian Theory of population – The optimum Theory of population – Neo-Malthusianism - Malthusian theory of glut – David Ricardo – Ricardian system – Scope of political economy – value – Ricardian Theory of Rent – J.B.Say - Nature and Scope – productive and unproductive labour – Says Law of markets – implications - Karl Marx – class struggle – Marx the economist - propositions – Theory of value – Falling rate of profit – concentration of capital and economic crisis.

Unit - IV: Historical School, Nationalist School and Institutionism

Historical school and Features – Roscher – Schmoller - The Nationalist school, Fredricyh List - Institutional school, Veblen and J.R. Commons - Keynes ideas – Keynesian Theory of Employment – MEC – Role of government – Keynesian revolution and its impact.

Unit - V: Contribution of Nobel Laureates in Economics and Indian Economic Thought

Paul. A. Samuelson – consumer choice – welfare economics - J.R.Hicks – A revision of Demand Theory – consumer equilibrium – business cycle - A.K.Sen – Indexes of welfare and poverty – collective choice and social welfare – Analysis of famine - Gandhian Economic village republics, machinery, industrialization, decentralization – bread labour – food problem – population - Periyar E.V. Ramasamy – Atheism – rationalism – self-respect movement – socialism village upliftment – women rights.

Unit VI: Topics for self-study

Sl. No	Topic	Web link
1	Recent Nobel laureates in Economics	https://www.britannica.com/topic/Winners-of-the-Nobel-Prize-for-Economics-1856936
2	Contributions of Nobel laureates in Economics	https://core.ac.uk/download/pdf/25751594.pdf

Text Book

1. Loganathan S., A History of Economic Thought, S. Chand and Company Limited, New Delhi, 2001.

References

1. Srivastava S.K., History of Economic Thought, reprint 2002, S. Chand and Company Limited, New Delhi.
2. Girija. M., History of Economic Thought, reprint 2003, Virindha Publishers, New Delhi.
3. Bhatia H.L., History of Economic Thought, Vikas Publishers, New Delhi, 1978.
4. S.Sankaran, A History of Economic Thought, reprint 2018, Margham publications, Chennai.
5. Hunt .E.K., History of Economic Thought: A Critical Perspective 3rd edition, Routledge Publisher 2011.

LEARNING OUTCOMES: BLOOM'S TAXONOMIC LEVELS OF TRANSACTIONS

Unit	Course Contents	Learning Outcomes	Blooms Taxonomic Highest Level of Transaction
Unit 1			
	1.1 Ancient Economic Ideas in India Definition & importance of history of economic thought	Define history of economic thought and its importance	K1
	1.2 Economic thought in ancient India - Economic ideas of Kautiliya's Arthashastra - Economic ideas of Thiruvalluvar.	Discuss the ancient India's economic thought, ideas of Kautiliya's Arthashastra and Thiruvalluvar.	K6
Unit 2			
	2.1 Mercantilism Meaning and features of Mercantilism - Meaning and features of Neo-Mercantilism	Explain the meaning and salient features of Mercantilism and Neo – Mercantilism	K2
	2.2 Physiocracy Meaning and features of physiocrats.	Compare the mercantilism and Physiocracy	K4
Unit 3			

	3.1 Features of classical School & Socialism - Adam Smith - Division of labour – value – Role of money and Government – criticisms.	Explain the features of classical school and Adam Smith’s Economic ideas	K5
	3.2 T.R. Malthus – The Malthusian Theory of population – The optimum Theory of population – Neo-Malthusianism - Malthusian theory of glut - David Ricardo – Ricardian system – Scope of political economy – value – Ricardian Theory of Rent	Evaluate the Malthusian theory of population and Ricardian theory of Rent.	K5
	3.3 J.B.Say - Nature and Scope – productive and unproductive labour – Says Law of markets – implications	Examine the J. B. Say’s law of markets	K4
	3.4 Karl Marx – class struggle – Marx the economist - propositions – Theory of value – Falling rate of profit – concentration of capital and economic crisis.	Assess the Marxian theory of value, falling rate of profit and class struggle.	K5
Unit 4			
	4.1 Historical School, Nationalist School and Institutionalism Historical school & Features – Roscher – Schmoller	Elaborate the features of Historical school, Nationalist school	K6
	4.2 The Nationalist school, Fredrich List - Institutional school, Veblen & J.R. Commons	Explain the economic ideas of Veblan and J. R. Commons	K5
	4.3 Keynes ideas – Keynesian Theory of Employment – MEC – Role of government - Keynesian revolution and its impact.	Analyse the Keynesian theory of employment and marginal Efficiency of Capital	K4
Unit 5			
	5.1 Contribution of Nobel Laureates in Economics and Indian Economic Thought Paul. A. Samuelson – consumer choice – welfare economics	Discuss the Contribution of Nobel Laureates in Economics	K6
	5.2 J.R.Hicks – A revision of Demand Theory – consumer equilibrium – business cycle -	Explain the J. R. Hicks Demand theory and Business cycle	K5
	5.3 A.K.Sen – Indexes of welfare and poverty – collective choice and social welfare – Analysis of famine	Evaluate A. K. Sen economic ideas	K5
	5.4 Gandhian Economic village republics, machinery, industrialization, decentralization – bread labour – food problem – population -	Discuss the Gandhian Economic village republics, machinery, industrialization, decentralization	K6

5.5 Periyar E.V. Ramasamy – Atheism – rationalism – self-respect movement – socialism village upliftment – women rights.	Elaborate the ideas of Periyar E.V. Ramasamy – Atheism – rationalism – self-respect movement – socialism village upliftment – women rights	K6
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Mapping Scheme for the PO, PSOs and COs

L-Low

M-Moderate

H- High

Mapping	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3	PSO4
CO1	H	M	M	H	H	H	-	L	H	H	H	M	H
CO2	H	M	M	H	H	M	-	-	H	H	M	M	H
CO3	H	M	M	H	H	M	-	L	H	H	M	M	H
CO4	H	M	M	H	H	M	L	-	H	H	M	M	H
CO5	H	M	M	H	H	M	-	L	H	H	M	M	H
CO6	H	M	H	H	H	H	-	L	H	H	H	M	H

COURSE ASSESSMENT METHODS

Direct
<ol style="list-style-type: none"> 1. Continuous Assessment Test I &II 2. Open book test; Assignment, Journal paper review, Group Presentation, Project report, End Semester Examination
Indirect
<ol style="list-style-type: none"> 1. Course-end survey

Course Coordinators: Dr. S. Seethalakshmi & Dr. B. Neppolian

CORE XI: ENVIRONOMICS

Semester VI
Course Code : U20EC611

Hours per week: 6
Credits: 5

COURSE OUTCOMES:

At the end of this course, the students will be able

Sl. No	Course Outcomes	Level	Unit
1.	To define environmental economics, scope and significance	K1	I
2.	To explain the cost benefit analysis	K2	II
3.	To analyze environmental problems and its measures	K4	III
4.	To classify different types of pollution	K4	III
5.	To evaluate environmental problems and pollution control methods	K5	IV
6.	To discuss the various kinds of environmental protection Act	K6	V

Unit –I Role and significance of Environmental Economics and Ecology

Meaning and definition of environmental economics – Scope and significance of environmental economics – Material Balance Approach – Ecology and Eco system – Abiotic factors and Biotic factors in determining the Environment.

Unit -II: Environmental Quality as a Public Good and Energy Economics

Environmental quality as a public good - Cost Benefit Analysis (CBA) - Meaning of energy – Sources of energy and their classification - Renewable and non-renewable source of energy resources.

Unit -III: Environmental Problems, Pollution and Quality

Meaning of Global warming - Effects of Global warming - Measures to control global Warming - Meaning of water pollution - Control of water pollution - What is air pollution? – Effects of air pollution - Control of air pollution - Noise pollution - Causes and effects of noise pollution - Control of noise pollution.

Unit -IV: Pollution Control and Environmental Protection

Basic approach to the problem of pollution control - Moral suasion - Direct control – Regulation and Prohibition - Fiscal Techniques - Effluent charges and subsidies - Allocation of property rights - Pollution permits or certificates - Refundable deposits.

Unit -V: Environmental Education Law and Policy

Environmental education in India - The water (Prevention and control of pollution) Act - Air (Prevention and control of pollution) Act - The environment (protection) Act - The forest conservation Act - India's environmental policy - International environmental policy.

Unit VI: Topics for Self-Study

Sl. No	Topic	Web link
1	Global warming	https://www.britannica.com/science/global-warming
2	Climate Change	https://www.bbc.com/news/science-environment-24021772
3	Deforestation	https://www.britannica.com/science/deforestation
4	Soil degradation	https://youmatter.world/en/definition/soil-erosion-degradation-definition/

5	Natural resource depletion	https://en.wikipedia.org/wiki/Resource_depletion
6	E-waste	https://www.ewaste1.com/what-is-e-waste/#:~:text=E%2Dwaste%20is%20any%20electrical,it%20will%20be%20thrown%20away.

Text Book

1. Sankaran S., Environmental Economics, Margham Publications, Chennai, 2000.

References

1. Karpagam M., Environmental Economics, Sterling publishers Pvt. Ltd. New Delhi, 2001.
2. Cauvery R. and Sudha Nayak, Environmental Economics, S. Chand and company, Ltd., New Delhi, 2003.
3. Varadarajan V., Environmental Economics, Aspeed publishers, Madurai, 1992.
4. Charles D Kolstad, Environmental Economics, OUP, USA, 2010.

LEARNING OUTCOMES: BLOOM'S TAXONOMIC LEVELS OF TRANSACTIONS

Unit	Course Contents	Learning Outcomes	Blooms Taxonomic Highest Level of Transaction
Unit 1			
	1.1 Role and Significance of Environmental Economics and Ecology Meaning and definition of environmental economics - Scope and significance of environmental economics	Define , meaning, scope and significance of environmental economics	K1
	1.2 Material Balance Approach	Analyse the Material Balance Approach	K4
	1.3 Ecology and Eco system - Abiotic factors & Biotic factors in determining the Environment.	Discuss the Ecology and Eco system - Abiotic factors & Biotic factors in determining the Environment.	K6
Unit 2			
	2.1 Environmental Quality as a Public Good and Energy Economics Environmental quality as a public good - Cost Benefit Analysis (CBA)	Compare Environmental quality as a public good - Cost Benefit Analysis (CBA)	K5
	2.2 Meaning of energy – Sources of energy and their classification	Classify the sources of energy resources	K4

	2.3 Renewable and non-renewable source of energy resources.	Deduct the Renewable and non-renewable source of energy resources.	K5
Unit 3			
	3.1 Environmental Problems, Pollution and Quality Meaning of Global warming - Effects of Global warming - Measures to control global Warming	Discuss the global warming, effects and measures to control it	K6
	3.2 Meaning of water pollution - Control of water pollution	Explain the causes and control of water pollution	K5
	3.3 What is air pollution? – Effects of air pollution - Control of air pollution - Noise pollution - Causes and effects of noise pollution - Control of noise pollution.	Classify the different types of pollution and its control measures	K4
Unit 4			
	4.1 Pollution Control and Environmental Protection Basic approach to the problem of pollution control - Moral suasion - Direct control - Regulation & Prohibition - Fiscal Techniques - Effluent charges and subsidies.	Analyse the basic approaches of moral suasion , fiscal techniques, property rights and direct control	K4
	4.2 Allocation of property rights - Pollution permits or certificates - Refundable deposits.	Appraise the Allocation of property rights, Pollution permits and refundable deposits.	K5
Unit 5			
	5.1 Environmental Education Law and Policy Environmental education in India	Evaluate the Environmental education in India	K5
	5.2 The water (Prevention and control of pollution) Act - Air (Prevention and control of pollution) Act - The environment (protection) Act - The forest conservation Act	Discuss the prevention and control of different pollution Acts	K6
	5.3 India's environmental policy - International environmental policy.	Compare the India's environmental policy and International environmental policy.	K5

Mapping Scheme for the PO, PSOs and COs

L-Low

M-Moderate

H- High

Mapping	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3	PSO4
CO1	H	M	M	H	H	M	L	M	H	M	M	M	H
CO2	H	M	M	M	L	M	L	M	H	M	M	M	H
CO3	H	H	M	H	M	M	-	L	H	L	M	M	H
CO4	H	H	M	H	M	M	-	M	H	H	M	M	H
CO5	H	H	M	H	M	M	-	M	H	H	M	M	H
CO6	H	H	M	H	M	M	L	L	H	H	M	M	H

COURSE ASSESSMENT METHODS

Direct
<ol style="list-style-type: none"> 1. Continuous Assessment Test I &II 2. Open book test; Assignment, Journal paper review, Group Presentation, Project report, End Semester Examination
Indirect
<ol style="list-style-type: none"> 1. Course-end survey

Course Coordinator: Dr. H. Esther Rani

CORE XII: MONEY AND BANKING

Semester VI
Course Code: U20EC612

Hours per week: 6
Credits: 5

COURSE OUTCOMES:

At the end of this course, the students will be able

Sl. No	Course Outcomes	Level	Unit
1.	To tell the meaning of money and its types	K1	I
2.	To explain the theories of money	K2	II
3.	To analyze inflation and anti – inflationary measures	K4	III
4.	To classify various types of bank	K4	IV
5.	To evaluate the functions of central bank	K5	V
6.	To discuss the objectives and instruments of monetary policy	K6	V

Unit -I: Money and its Significance

Introduction - Definition of money - Significance and Functions of money - Barter system -Kinds of money - metallic money - paper money, deposit money, legal tender money -optional money - Money proper and money of account - Monetary standards - Silver standard - Gold standard - Methods of Note issue - Limitations of money.

Unit -II: Quantity Theory of Money and Cash Balance Approach

Quantity theory of money - Fisher's transaction approach - Cash balance approach - Comparison between Fisher's and Cash balance approaches to quantity theory of money - Income and Saving - Investment theory of Keynes - Income and Expenditure approach.

Unit -III: Inflation and Deflation

Meaning of Inflation - Types of Inflation - Inflationary gap and effects - Anti-inflationary measures - Meaning of Deflation - Effects of deflation - Control of deflation – Stagflation - Philip's curve and its importance.

Unit -IV: Role of Commercial Banks

Introduction of Banking System - Kinds of banks - Scheduled and Non-scheduled banks - Branch banking Vs Unit banking - Deposit banking vs mixed banking - Group banking and chain banking - Functions of Commercial banks - Credit creation of commercial banks - Recent developments in banking.

Unit -V: Central Bank of India

Functions of Central banking - Methods of credit control; Quantitative and Qualitative methods - Monetary policy- objectives- instruments and importance - Role of banks in economic development.

Unit VI: Topics for self-study:

Sl. No.	Topics	WebLink
1.	Conduct a study on numismatics (with reference to India)	http://coins.lakdiva.org/iirns/
2.	Visit the Reserve Bank Office at Chennai	https://www.rbi.org.in/
3.	Study and evaluate the recent monetary policy	https://www.rbi.org.in/scripts/Annualpolicy.aspx

Text Book

1. Sundaram K.P.M., Money Banking and International Trade, Sultan & Sons publications, 2009.

References

1. Jhingan M.L., Money Banking and International Trade, Virnda publishers, 2004.
2. Vaish M.C., Money Banking and International Trade, Vikas publishers, 1980.
3. Sankaran S., Monetary Economics, Margam publications, Chennai, 1999.
4. Cauvery R. and SudhaNayak, Monetary Economics, S.Chand& Co. New Delhi, 2003.
5. Hajela, Money, Banking and Public Finance, eighth edition, Ane Books Pvt., Chennai 2009.

LEARNING OUTCOMES: BLOOM'S TAXONOMIC LEVELS OF TRANSACTIONS

Unit	Course Contents	Learning Outcomes	Blooms Taxonomic Highest Level of Transaction
Unit 1			
	1.1Introduction to Money and its Significance: Introduction - Definition of money - Significance and Functions of money - Barter system -Kinds of money - metallic money - paper money, deposit money, legal tender money -optional money - Money proper and money of account.	Define money and its types	K1
	1.2Monetary standards - Silver standard - Gold standard - Methods of Note issue - Limitations of money.	Justify the monetary standards.	K5
Unit 2			
	2.1Quantity Theory of Money & Cash Balance Approach: Quantity theory of money - Fisher's transaction approach - Cash balance approach - Comparison	Compare quantity theory of money and cash balance approach.	K5

	between Fisher's and Cash balance approaches to quantity theory of money.		
	2.2 Income & Saving - Investment theory of Keynes - Income & Expenditure approach.	Discuss the income and savings theory and income and expenditure theory.	K6
Unit 3			
	3.1 Inflation and Deflation: Meaning of Inflation - Types of Inflation - Inflationary gap & effects - Anti-inflationary measures.	Examine inflation and anti-inflationary measures.	K4
	3.2 Meaning of Deflation - Effects of deflation - Control of deflation – Stagflation - Philip's curve and its importance.	Analyse the deflation, stagflation and Philip's curve	K4
Unit 4			
	4.1 Role of Commercial Banks: Introduction of Banking System - Kinds of banks - Scheduled & Non-scheduled banks - Branch banking vs Unit banking - Deposit banking vs mixed banking - Group banking and chain banking.	Classify the various kinds of banks.	K4
	4.2 Functions of Commercial banks - Credit creation of commercial banks - Recent developments in banking.	Appraise the functions of commercial banks.	K5
Unit 5			
	5.1 Central Bank of India: Functions of Central banking - Methods of credit control, Quantitative and Qualitative methods	Discuss the functions of central banks and methods of credit control	K6
	5.2 Monetary policy, objectives, instruments & importance - Role of banks in economic development.	Evaluate the objectives and instruments of monetary policy.	K5

Mapping Scheme for the PO, PSOs and COs

L-Low

M-Moderate

H- High

Mapping	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3	PSO4
CO1	H	H	H	H	M	H	M	L	H	H	H	H	H
CO2	H	H	M	H	M	H	M	L	H	H	M	L	H
CO3	H	M	H	M	H	M	M	L	H	H	M	M	H
CO4	H	M	M	M	H	M	M	L	H	H	M	M	H
CO5	H	H	M	M	M	H	-	L	H	H	H	M	H
CO6	H	H	M	M	M	H	M	L	H	M	M	M	H

COURSE ASSESSMENT METHODS

Direct
1. Continuous Assessment Test I &II 2. Open book test; Assignment, Journal paper review, Group Presentation, Project report, End Semester Examination
Indirect
1. Course-end survey

Course Coordinator: Dr. E. Thelma

ELECTIVE III CAPITAL MARKET

Semester: VI

Course Code: U20EC6:3

Hours per week: 5

Credits: 5

COURSE OUTCOMES:

At the end of this course, the students will be able

Sl. No	Course Outcomes	Level	Unit
1.	To define the concepts and functions of capital market	K1	I
2.	To discuss the capital market institutions.	K6	II
3.	To estimate the performance of GDR	K6	III
4.	To examine the functions of Stock Exchanges in India	K4	IV
5.	To list the total number of Stock Exchanges in India	K4	IV
6.	To categorize primary and secondary stock markets in India	K4	V

Unit - I: Capital Market in India

Meaning and Definition of Capital market - Growth of Capital Market in India- Functions of Capital Market - Structure of Capital Market in India.

Unit - II: Financial Institutions

Financial Institutions and its objectives - Role of Life Insurance Corporation (LIC), merits and demerits - Unit Trust of India (UTI) and its functions - Industrial Development Bank of India (IDBI), objectives and functions - Industrial Credit and Investment Corporation of India (ICICI) and its role.

Unit - III: Corporate Securities

Meaning of Corporate securities - Meaning of shares - Types of shares; Equity shares and Preference shares - Meaning of Debentures and Bonds - Types of Debentures; Convertible and Non-convertible Debentures - Global Depository Receipts (GDR) - Participatory Notes.

Unit - IV: Stock Exchange and SEBI

History - Origin of Stock Exchange - Functions of stock exchange - Services rendered by Stock Exchange - List of Stock Exchanges in India - Securities Exchange Board of India (SEBI) and its regulation.

Unit - V: Primary and Secondary Market

Meaning of Primary Market - Meaning of Secondary Market - Issue of shares at par and at Premium - Right issue of shares - Issue of bonus shares - Underwriting of shares – Merchant Banks - Foreign Institutional Investors (FIIs).

Unit VI: Topics for Self-Study:

Sl.No	Topics	Web Link
1	Meaning – Evolution - Types – Mutual Fund Organization – Advantages and disadvantages of Mutual Fund – Exchange Traded Funds (ETFs) – Real Estate Investment Trusts (RETTs) and Infrastructure Investment Trusts (Invits)	#IndiaMeansBusiness#InvestmentIndiasUNaward#InvestIndia@PMOIndia@DIPP GOI@IPAofficialpage

Text Book :

1. Dr.Gurusamy S., (2011), Indian Financial Systems, 2nd Edition, Tata McGraw Hill Education Private Limited, New Delhi – 110008.

Recommended Reference Books:

1. Hicks John (1965). Capital and Growth, First Edition, Oxford University Press, London.
2. Avadhani. V.A. (1997). Capital Market Management, First Edition, Himalaya Publication, Mumbai.
3. Kulkarni, P.V. (1999). Financial Management, Ninth Edition, Himalaya Publications, Mumbai.
4. Kuchhal, S.C. (1998), Financial Management, First Edition, Chaitanya, Allahabad.

LEARNING OUTCOMES: BLOOM'S TAXONOMIC LEVELS OF TRANSACTIONS

Unit	Course Contents	Learning Outcomes	Blooms Taxonomic Highest Level of Transaction
Unit I			
		Define capital market and its concepts.	K1

Mapping Scheme for the PO, PSOs and COs

L-Low

M-Moderate

H- High

	1.1Capital Market : Definition – growth, concept, functions – Structure of Capital Market in India	Illustrate the structure and functions of capital market in India.	K2
Unit II			
	2.1 Long-term finance, sources – Financial institutions – LIC, UTI, IDBI and ICICI	Discuss the functions of LIC, UTI, IDBI and ICICI and its recent trends.	K6
Unit III			
	3.1Corporate Securities : Shares and its types – Debentures and its types	Categorize the corporate securities.	K4
	3.2 Global Depository Receipts, Participatory Notes.	Estimate the Global Depository Receipts and participatory Notes.	K6
Unit IV			
	4.1 Stock Exchange – Functions and services rendered by Stock Exchange	Analyse the history and growth of stock exchange in India,	K4
		Appraise the functions and services of stock market.	K5
	4.2 Securities Exchange Board of India (SEBI) in the regulation of share market operation	Discuss the functions of SEBI in regulating share market and control of stock market is by SEBI.	K6
Unit V			
	5.1 Primary market and Secondary market – Issues of shares at par and at premium – right issue of shares – issue of bonus shares – underwriting of shares	Distinguish between primary market and secondary market. Analyse the role of share brokers, middlemen and Agents Classify right issue of shares, bonus shares and underwriting of shares .	K4

Mapping	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3	PSO4
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	5.2 Merchant Banks	Evaluate the role of merchant Banks in India.	K5
	5.3 Foreign Institutional Investors (FIIs)	Examine the role of FIIs.	K4

CO1	H	H	M	H	M	H	M	H	M	M	M	H	-
CO2	M	H	H	H	M	H	H	M	M	H	M	H	-
CO3	M	H	H	H	M	M	H	H	M	M	H	H	-
CO4	M	H	M	M	M	H	M	H	M	M	M	H	-
CO5	H	H	M	M	M	H	H	M	M	M	M	H	-
CO6	H	H	M	H	M	H	H	H	M	M	H	H	-

COURSE ASSESSMENT METHODS

Direct
<ol style="list-style-type: none"> 1. Continuous Assessment Test I,II 2. Open book test; Cooperative learning report, Assignment; Journal paper review, Group discussion on Current Affairs, Group Presentation, Project Report, Poster Preparation, Models, Product Demonstration, Seminar, Conduct of Quiz 3. End Semester Examination
Indirect
<ol style="list-style-type: none"> 1. Course-end survey

Course Coordinator: Dr. S. Shanthi Getzie Ranjini Devi