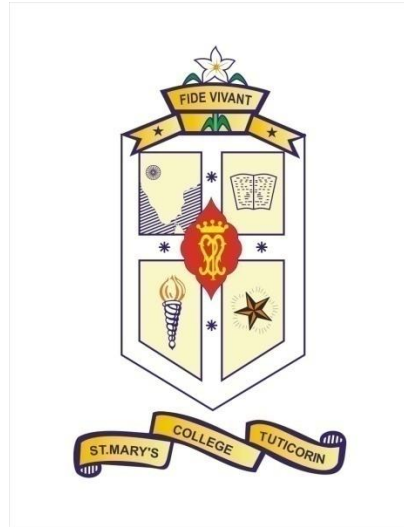


ST. MARY'S COLLEGE (Autonomous)
(Re-accredited with 'A+' Grade by NAAC)
Thoothukudi-628001, Tamil Nadu
(Affiliated to Manonmaniam Sundaranar University)



Syllabus

B.A. Economics
School of Management & Economics
(Choice Based Credit System)
(W.e.f.2021)

Preamble

The subject 'Economics' has been represented as one of the most versatile subject in the field of humanities and social science. Our degree program in Economics contains a core group of theory courses, a series of quantitative skills courses, and field specialisation courses that involve the applications of economic theory and quantitative analysis to major areas of study within the discipline. The subject aims at extending the mental horizon of students to groom their personality and make them rational human being. It is our goal to help our students achieve a certain set of learning outcomes.

Vision:

Creating opportunities for intellectual and career advancement

Mission:

Fostering student commitment to personal and professional development in a complex world

Programme Outcomes

PO. No.	After completion of the B.A Degree Programme, the students will be able to
PO 1	Develop language, numerical, experimental, analytical and computing skills.
PO 2	Pursue higher education programmes.
PO 3	Excel in the recent trends of the world, enhancing the level of knowledge to emerge as a holistic person.
PO 4	Function effectively as an individual in multidisciplinary settings and develop their ethical, social and cultural values to serve the nation.
PO 5	Be proficient in the fields of Arts, Science and Management Studies to qualify for the job.
PO 6	Develop their communicative skills using a range of technologies which enable them to express their ideas and views effectively.
PO 7	Become an environmentally conscious citizen.
PO 8	Become an empowered and economically independent woman with efficient leadership qualities in an egalitarian society through liberative education.

Programme Specific Outcomes

PSO. No.	Upon completion of B A degree programme, the students of economics will be able to	PO Mapping
PSO 1	Communicate effectively on specific economic issues and present complex information in a clear and concise manner and also enhance the ability to use basic mathematical and statistical tools to solve real economic problems	PO 1, 6
PSO 2	Have the capability to demonstrate comprehensive knowledge and understanding on the basic concepts and theories and build strong foundation for pursuing continuous learning.	PO 2
PSO 3	Boost the spirit of self-confidence and inculcate the spirit of moral values.	PO 3, 4
PSO 4	Have the capacity to analyse and evaluate the current events from an economic perspective and expand skills in practical application of economic theory.	PO 3, 5
PSO 5	Possess an ability to offer alternative solution on policy issues in real life.	PO 6
PSO 6	Communicate effectively on specific economic issues and present complex information in a clear and concise manner.	PO 6
PSO 7	Emphasise on environmental problems emerging from economic development and applying economic principles for the valuation of environmental quality.	PO 7
PSO 8	To develop the spirit of leadership qualities and readiness to work and learn.	PO 6, 8

Department of Economics
Course Structure (w.e.f. 2021)

Semester –I

Part	Components	Sub. Code	Title of the Paper	Hrs/ Week	Credits	Max.Marks		
						CIA	ESE	Total
I	Tamil / French	21ULTA11		6	3	40	60	100
		21ULFA11						
II	General English	21UGEN11		6	3	40	60	100
III	Core I	21UECC11	Micro Economics- I	5	4	40	60	100
	Core II	21UECC12	Indian Economy- I	5	4	40	60	100
	Allied I	21UECA11	Statistics- I	4	4	20	30	50
		21UHIA11	General Economics- I (History)	4	4	20	30	50
IV	Skill Based Enhancement Course – I	21UECPE1	Professional English for Economics – I	2	2	20	30	50
	Ability Enhancement Course I	21UAVE11	Value Education	2	2	20	30	50
			Total	30+4	22+ 4			

Semester II

Part	Components	Sub. Code	Title of the Paper	Hrs/ Week	Credits	Max.Marks		
						CIA	ESE	Total
I	Tamil / French	21ULTA21		6	3	40	60	100
		21ULFA21						
II	General English	21UGEN21		6	3	40	60	100
III	Core III	21UECC21	Micro Economics- II	5	4	40	60	100
	Core IV	21UECC22	Indian Economy- II	5	4	40	60	100
	Allied II	21UECA21	Statistics- II	4	4	20	30	50
		21UHIA21	General Economics- II (History)	4	4	20	30	50
IV	Skill Enhancement Course – II	21UECPE2	Professional English for Economics – II	2	2	20	30	50
	Ability Enhancement Course II	21UAEV21	Environmental Studies	2	2	20	30	50
			Total	30	22			

Semester III

Part	Components	Sub. Code	Title of the Paper	Hrs/ Week	Credits	Max. Marks		
						CIA	ESE	Total
I	Tamil / French	21ULTA31 21ULFA31		6	4	40	60	100
II	General English	21UGEN31		6	4	40	60	100
III	Core V	21UECC31	Macro Economics- I	6	6	40	60	100
	Allied III	21UECA31	Mathematical Methods- I	4	4	20	30	50
	Core SB	21UECS31	Tourism Economics- I	4	4	40	60	100
	NME I	21UECN31	Economics for Competitive Examinations- I	2	2	20	30	50
IV	Ability Enhancement Course III	21UAWS31	Women's Synergy	2	2	20	30	50
	Self-Study / On-line Course Internship (Optional)	21UECSS1	Economics of Insurance		+2			50
Total				30	26+2	240		

Semester IV

Part	Components	Sub. Code	Title of the Paper	Hrs/ Week	Credits	Max.Marks		
						CIA	ESE	Total
I	Tamil / French	21ULTA41 21ULFA41		6	4	40	60	100
	General English	21UGEN41		6	4	40	60	100
III	Core VI	21UECC41	Macro Economics- II	6	6	40	60	100
	Allied IV	21UECA41	Mathematical Methods- II	4	4	20	30	50
	Core SB	21UECS41	Tourism Economics- II	4	4	40	60	100
	NME II	21UECN41	Economics for Competitive Examinations- II	2	2	20	30	50
IV	Ability Enhancement Course IV	21UAYM4	Yoga & Meditation	2	2	20	30	50
	Self-Study / On-line Course Internship (Optional)	21UECSS2	Economics of Advertising		+2		50	50
V	NCC, NSS & SPORTS Extension Activities/ CDP				1			
					+1			
Total				30	27+3			

Semester V

Part	Components	Course Code	Course Title	Hrs/Week	Credits	Max. Marks		
						CIA	ESE	Total
III	Core VII (Common Core)	21UMCC51	Human Resource Management	6	3	40	60	100
	Core VIII	21UECC51	Fiscal Economics- I	6	4	40	60	100
	Core IX	21UECC52	Money & Banking - I	6	4	40	60	100
	Core X	21UECC53	International Economics	5	4	40	60	100
	Core Elective	21UECE51/ 21UECE52	Economics of Waste Management / Energy Economics	5	4	40	60	100
IV	Common Skill Based Course	21UCSB51	Computer for Digital Era and Soft Skills	2	2	20	30	50
	Self-Study / On-line Course/ internship (Optional)	21UECSS3	Self -Employment		+2			50
Total				30	21+2			

Semester VI

Part	Components	Course Code	Course Title	Hrs/ Week	Credits	Max. Marks		
						CIA	ESE	Total
III	Core XI	21UECC61	Fiscal Economics- II	6	4	40	60	100
	Core XII	21UECC62	Money & Banking - II	6	4	40	60	100
	Core XIII	21UECC63	Economic Growth and Development	6	4	40	60	100
	Core XIV	21UECC64	Shipping Management	6	4	40	60	100
IV	Core XV / Project	21UECC65/ 21UECP61	Industrial Economics with internship. (Or) Group Project	6	4	40	60	100
Total				30	20			
Total				180	140 + 5			

Semester	Hours / Week	Credits	Extra Credits	Total Marks
I	30	22	-	600
II	30	22	-	600
III	30	26	2	700
IV	30	27	3	700
V	30	23	-	500
VI	30	20	-	500
Total	180	140	5	3600

Courses	Number of Courses	Hours / week	Credits	Extra Credits
Tamil / French	4	24	14	--
English	4	24	14	--
Core	14 + 1 (Optional for Project)	85 (79+6)	63 (59+4)	--
Core Skill Based	2	8	8	--
Core Elective	1	5	4	--
Group Project / Core	1	6	4	--
Allied	4	16	16	--
NME	2	4	4	--
Skill Enhancement Course	2	4	4	--
Ability Enhancement Course	4	8	8	--
Common Skill Based Course	1	2	2	--
NCC, NSS & Sports		--	1	
Extension Activities		--		1
Self Study / On-line Course Internship (Optional)	2	--		4
Self Study Papers (Compulsory)	1	--	2	--
Total		180	140	5

SEMESTER- I			
CORE – I		MICRO ECONOMICS – I	
Code: 21UECC11	Hours / week :5	Hrs / Sem.: 75	Credits :4

Objectives:

- To develop the understanding of basic Micro economic concepts
- To equip the students with micro economic theories with graphic illustrations
- To develop the skills of analysis and application of the principles to the real -world problems

Course Outcomes

CO. No	Upon completion of this course, students will be able to	PSO's addressed	CL
CO 1	Describe and illustrate basic concepts such as Nature, Scope and Subject matter of Economics, The basics of Micro Economics and Macro Economics.	2, 4	Un
CO 2	identify and apply the important concepts and terminologies such as Utility analysis, law of demand and consumer surplus.	1,6	Ap
CO 3	To understand the application of indifference curves and describe consumer equilibrium with the help of law of equi-marginal utility.	4	Cr
CO 4	analyse the operation of the law of variable proportions and identify the three stages of production	6	Ap
CO 5	state the concept of total product, average product and marginal product; explain the nature and relationship of total, average and marginal product curves;	2, 1	Cr
CO 6	Describe the basic economic analysis and laws of production and consumer behaviour	7	An

SEMESTER- I			
CORE – I		MICRO ECONOMICS – I	
Code: 21UECC11	Hours / week :5	Hrs / Sem.: 75	Credits :4

Unit I -Introduction to the Concepts of Economics **15 hrs**

Definition: Adam Smith, Alfred Marshall, Lionel Robbins and Samuelson approaches – Nature and scope of Economics -Micro and Macro Economics – Basic Concepts and types of Goods and Utility

Unit II - Cardinal Utility Analysis **15 hrs**

Meaning of Cardinal Utility – Human Wants and Utility– Law of Diminishing Marginal utility– Law of Equi-Marginal Utility- Law of Demand – Illustration, Assumptions and determinants of Demand – Elasticity of Demand – Meaning, Types and Measurement –Consumer Surplus

Unit III - Ordinal Utility Analysis **15 hrs**

Meaning of Ordinal Utility – Indifference Curves – Properties – Diminishing Marginal Rate of Substitution– Consumer’s Equilibrium – Price Effect, Income Effect and Substitution Effect

Unit IV - Factors of Production **15 hrs**

Meaning and Features: Land, Labour, Capital and Organisation – Production Function: Law of Variable Proportions and Laws of Returns to Scale – Economies and Diseconomies of Scale

Unit V - Cost and Revenue Analysis **15 hrs**

Cost Concepts – Short Run and Long Run Cost Curves - Concepts of Revenue – Revenue in different market conditions

Text Book: Pazhani, Micro Economics, 4thEdition, J.P.Publishers, Nagarcoil, 2019.

Books for Reference:

1. Maria John Kennedy, Microeconomics Theory, 3rd Edition, Prentice Hall Pvt Ltd, 2011.
2. Dominick Salvatore – Principles of Micro Economics, 5th Edition, Oxford University Press, New Delhi, 2009.
3. M.L.Seth, Micro Economics, 7thRevised Edition, Lakshmi Narain Agarwal Educational Publishers, Agra, Publication, 2001.
4. M.L.Jhingan, Micro Economic Theory, 7th Edition, Vrinda Publications, Delhi, 1998.
5. S.Sankaran - Economic Analysis, 3rd Edition, Margham Publications, Madras, 1991.

SEMESTER- I			
CORE II		INDIAN ECONOMY – I	
Code: 21UECC12	Hours / week :5	Hrs / Semester: 75	Credits :4

Objectives:

- Develop an in-depth understanding of the Indian economy
- Understanding and analysing Indian Economic Issues, developments and policies
- Able to understand the basic Indian Economic problems.

Course Outcomes

CO No.	Upon completion of this course, students will be able to	PSO's Addressed	CL
CO 1	understand the growth process in the Indian Economy since independence. various aspects of economic development. To comprehend the basic characteristics of economic development and economic growth.	1,2,7	Un
CO 2	Develop ideas of the basic characteristics of Indian economy, its potential on natural resources.	1	Un
CO 3	provide an analytical discussion of various economic and social issues of the Indian economy. To realize the causes and measures of poverty inequalities and unemployment.	4	An
CO 4	To analyse the demographic trends in India. The importance of controlling population.	2,8	Ev
CO 5	Understand agriculture as the foundation of economic growth and development, analyse the progress and changing nature of agricultural sector and its contribution to the economy as a whole.	4,6	An
CO 6	To understand the Economic Development of Indian Economy. Population and Human Development	6,7	Un

SEMESTER- I			
CORE II		INDIAN ECONOMY – I	
Code: 21UECC12	Hours / week :5	Hrs / Semester: 75	Credits :4

Unit I - Economic Development since Independence **15 hrs**

Meaning of Economic Development -- Determinants of Development, Indian Economy since Independence – Features of Indian Economy

Unit II - Resources and Development **15 hrs**

Natural Resources: Land, Water, Forest, Mineral and Energy Resources- Natural resources and Economic Development

Unit III - Basic Problems of Indian Economy **15 hrs**

Poverty: Meaning, Causes, Remedial Measures – Unemployment: Meaning, Causes and Remedial Measures-Deficit Balance of Payment -Inflation

Unit IV - Human Resources **15 hrs**

Demographic features –Demographic Transition-Causes and measures of controlling population. Human Development Index (HDI) – Meaning and measurement.

Unit V - Agriculture **15 hrs**

Agriculture – Role in the National Economy – Crop pattern – Causes for low productivity – Green Revolution- Later developments - Rural development Subsidy-

Text Book: Ruddar Datt and K.P.M Sundharam, Indian Economy, 60th Edition, Sultan Chand, New Delhi, 2009.

Books for Reference:

1. Dr.D.Rathi, Indian Economy, First Edition, Archers & Elevators Publishing House, Bangalore, 2017.
2. Uma Kapila, Indian Economy, 9th Edition, Academic Foundation, 2010.
3. Ishwar.C.Dhingra, The Indian Economy, 21st Edition, Sultan Chand, New Delhi, 2009.
4. Mishra &Puri- Economics of Development and Planning, 7th Edition, Himalaya, Mumbai, 2005.
5. Meier, G.M. Leading Issues in Economic Development, 6th Edition, O U P, New Delhi,1995.

SEMESTER- I			
ALLIED I		STATISTICS –I	
Code:21UECA11	Hours / week :4	Hrs / Semester: 60	Credits :4

Objectives:

- Introduce students to basic statistical tools and techniques
- To apply statistical tools for economic problems.
- To make the students understand the significance of Statistics and to develop their research skills.

Course Outcomes:

CO No.	Upon completion of this course, students will be able to	PSO's Addressed	CL
CO 1	Describe and discuss the key terminology, concepts tools and techniques used in statistics. Discuss critically the uses and limitations of statistics.	1	Un
CO 2	Gain knowledge on Organize, manage and present data. Outline the distinct method of using raw data in the form of frequency distribution	1,2	Ev
CO 3	Introduces students to the concepts and techniques of presentation and summarisation of data. It introduces students to basics of sampling and statistical inference	4	An
CO 4	Analyse statistical data using measures of central tendency. Apply knowledge of statistical measures such as Mean, Median and Mode for analysis and interpretation of data.	2,4	Un
CO 5	Analyse statistical data using measures of dispersion and location. Analyse the different measures of dispersion that are useful in the field of psychology and education	1,6	An
CO 6	Develop skills and knowledge to apply different types of data through graphs for analysing different descriptive measures.	4, 5	Cr

SEMESTER- I			
ALLIED I		STATISTICS –I	
Code: 21UECA11	Hours / week :4	Hrs / Semester: 60	Credits :4

UNIT I- INTRODUCTION 10 Hrs

Definitions of Statistics – Meaning – Scope – Functions - Importance– Limitations

UNIT II - STATISTICAL INVESTIGATION & SAMPLING 10 Hrs

Sources of data – Methods of collecting primary and secondary data – Questionnaire– Census and Sampling: Methods of sampling

UNIT III - STATISTICAL PRESENTATION 15 Hrs

Classification: Types - Tabulation: Rules, Parts of tabulation and Types of tables, Presentation of statistical data: Bar diagrams, Pie diagram-Graphs: Histogram, Frequency Polygon, Frequency Curve and Ogive Curves

UNIT IV- MEASURES OF CENTRAL TENDENCIES 10Hrs

Measures of Central Tendency: Meaning –Properties- Mean, Median, Mode, Geometric Mean and Harmonic Mean- Merits and Demerits

UNIT V-MEASURES OF DISPERSION 15 Hrs

Measures of Dispersion: Meaning - Range, Quartile Deviation, Mean Deviation, Standard Deviation, Variance, Coefficient of variation, Lorenz Curve

Text Book: R.S.N. Pillai & Bhagavathi, Statistics: Theory and Practice, 7th Revised Edition, S. Chand, New Delhi, 2008.

Reference Books:

1. A.M. Gun, M.K.Gupta & B.Dasgupta, Fundamentals of Statistics, 9th Reprinted Edition, The World Press Pvt. Ltd., Kolkata, 2019.
2. S .P.Gupta, Elementary Statistical Methods, 18th Revised Edition, Sultan Chand & Sons, New Delhi, 2017.
3. S. P.Gupta, Statistical Methods, 42nd Revised Edition, Sultan Chand & Sons, New Delhi, 2012.

SEMESTER- I			
ALLIED I		GENERAL ECONOMICS – I (I HISTORY)	
Code: 21UHIA11	Hours / week :4	Hrs / Semester: 60	Credits :4

Objectives:

- To understand the various definition of economics and scope of economics.
- To introduce students to basic economics concepts and theories.
- To understand the basic concepts of national income.

Course Outcomes:

CO No.	Upon completion of this course, students will be able to	PSO's Addressed	CL
CO 1	To learn and understand Economics with the help of various definitions.	2	Un
CO 2	Get an introduction to supply and demand and determine equilibrium in a market economy. To familiarize the students with the basic concept of economics.	2,5	Ev
CO 3	Students will understand general economic concepts such as supply & demand, Utility etc. Demonstrate the measurement of utility or satisfaction and its relationship to the law of demand	1,4	Un
CO 4	Identify the factors of production and production possibilities. Define the term “production” and explain what a production function is; define the term “production inputs,” and differentiate between labor, land, capital, entrepreneurship, technology	1,2	An
CO 5	Describe the incomes earned by the factors of production (land, labor, capital, entrepreneurship) wages, interest, rents, and profit	1,2	Un
CO 6	Defines concepts related to national income. Compares calculation methods of national income. To apply the circular flow of income and expenditure.	1	An

SEMESTER- I			
ALLIED I		GENERAL ECONOMICS – I (I HISTORY)	
Code: 21UHIA11	Hours / week :4	Hrs / Semester: 60	Credits :4

UNIT I - INTRODUCTION 10 Hrs

Definitions – Wealth, welfare and scarcity - Scope of Economics – Divisions of Economics - Basic concepts –Utility, Goods, Market, and Wealth.

UNIT II - CONSUMPTION 10 Hrs

Human Wants, Law of Diminishing Marginal Utility — Consumer’s Surplus- Law of Demand – Types, Exceptional demand

UNIT III - PRODUCTION 15 Hrs

Factors of Production – Land, Labour, Capital, Organisation- features- Division of Labour – Localization- Merits and Demerits - Theories of Population – Malthusian Theory – Optimum Theory

UNIT IV - DISTRIBUTION 15 Hrs

General Theory of Distribution – Theories of Rent – Ricardian Theory – Modern Theory of Rent - Interest – Liquidity Preference Theory - Profit – Schumpeter’s Innovation Theory – Theories of Risk and Uncertainty

UNIT V - NATIONAL INCOME 10 Hrs

Meaning of Macro Economics – Difference between Macro and Micro Economics –National Income- Concept –Meaning – Personal Income, Gross Domestic Product (GDP) – Gross National Production (GNP) and Net National Product (NNP) – Methods of National Income Estimation – Difficulties of Estimation

Text Book: M.L.Seth, Micro Economics, 17th Revised Edition, Lakshmi Narayan Agarwal, Educational Publishers Agra, 2001.

Reference Books:

1. Dr.Pazhani, Micro Economics, 4th Edition, J P Publishers, Nagercoil, 2019
2. H.L.Ahuja, Modern Micro Economics: Theory and Applications, 19th Edition, S. Chand & Company Ltd, New Delhi, 2017.
3. N. Gregory Mankiw, Principles of Economics, 7th Edition, Cengage Learning India PVT. Ltd, New Delhi, 2015.

SEMESTER- I			
SKILL BASED ENHANCEMENTS COURSE-I			
PROFESSIONAL ENGLISH FOR ECONOMICS-I			
Code: 21 UECA12	Hours / week :2	Hrs / Semester: 23	Credits :2

Objectives

- Enable them to understand the topics and vocabulary.
- Develop their competence in the use of English with particular reference to the workplace situation.
- Enhance the creativity of the students, which will enable them to think of innovative ways to solve issues in the workplace.
- Develop their competence and competitiveness and thereby improve their employability skills.
- Help students with a research bent of mind develop their skills in writing reports and research proposals.
- To participate in uncritical conversations and prepare organised and deliver the work to the public

Course Outcomes

CO No.	Upon completion of discourse, students will be able to	PSO's addressed	CL
CO 1	Develop an enhancement of the four basic skills of language – reading, writing, speaking and listening	3,6	Un
CO 2	Understand the issues of economy by reading passages about it. Develop knowledge about the agriculture sector	2	Ev
CO 3	To have increased potential to communicate with accurate grammar and appropriate vocabulary. Develop competency in fields where oral skill is a requisite.	2,6	An
CO 4	Have competency in fields where writing skill is a requisite. To have proficiency in writing skills at diverse levels of economy.	5,7	An
CO 5	Demonstrate the knowledge of basic concepts in Economics.	2,6	An
CO 6	Demonstrate an understanding of the concept, principles and issues in the field of economics.	5,8	Un

SEMESTER- I			
SKILL BASED ENHANCEMENTS COURSE - I			
PROFESSIONAL ENGLISH FOR ECONOMICS -I			
Code: 21UECA12	Hours / week :2	Hrs / Semester: 23	Credits :2

UNIT I - Listening **5 Hrs**

Listening: Listening comprehension and answering questions- (Economist- Adam Smith- Marshall- Robbins- Samuelson- Ricardo- Malthus- JM Keynes- Schumpeter- Karl Marx)

UNIT II - Reading **3 Hrs**

Reading: Comprehension passages (Reading passages on Agriculture- prospects and problems- Trends in Agricultural productivity- Green Revolution)

UNIT III - Speaking **5 Hrs**

Speaking; Small group discussions (Importance and Scope of Economics, Micro and Macro Economics, Importance of Foreign Trade and Economic Development)

UNIT IV - Writing **5 Hrs**

Writing; Writing Recommendations (Problem and Solution on Population Explosion, Poverty and Unemployment, Indian economy and its present status, Urbanisation, Role of Indian women entrepreneurs)

UNIT – V Vocabulary **5 Hrs**

Vocabulary ;(Absolute advantage, Business cycle, Budget surplus, Budget deficit, Compliments, Cost, Consumer surplus, Competitive market, Capital, Diminishing marginal products, Deadweight loss, Diseconomies of scale, Equity, Efficiency, Exports, Equilibrium, Elasticity, Economic profits, Economies of scale, Fixed costs, Factors of production, Game Theory, Inflation, Imports, Inferior good, Import quota, Implicit costs, Law of demand, Law of supply, Lump sum tax, Lorenz curve, Monopoly, Market economy, Oligopoly, Opportunity cost, Phillips curve, Proportional tax, Progressive tax, profit, Production function, Price discrimination, Regressive tax, scarcity, Specialisation, Substitutes, Surplus, Shortage, Tariff, Variable cost, Welfare Economics)

Textbook: Ruddar Datt & Sundaram K.P.M, Indian economy, 71st Edition, Sultan Chand, New Delhi, 2017.

Books for reference:

1. Communicative English (For Students of Arts and Science colleges) semester I, Tamil Nadu State Council for higher education (Transche),2020
2. Professional English for arts and Social Sciences-I, Tamil Nadu State Council for higher education.2020
3. Pazhani, Microeconomics, 4th Edition, J.P. Publishers, Nagercoil,2019
4. M. L Seth, Principles of Economics, 13th Edition, Pearsons Publication, U.K, 2019.
5. M.L. Jhingan, Microeconomic theory, 7th Edition, Vrinda Publications Pvt. Ltd, Delhi 2014.
6. Uma Kapila, Indian economy, 9thedition, Published by Academic Foundation, 2010.
7. Ishwar C. Dhingra, The Indian economy, 21st Edition, Sultan Chand, New Delhi, 2009.

SEMESTER- II			
CORE III		MICRO ECONOMICS -II	
Code: 21UECC21	Hours / week :5	Hrs / Semester: 75	Credits :4

Objectives:

- To understand the behaviour of a consumer, a producer, a factor owner.
- To understand the market structure.
- An Enhance decision making abilities among students to enable them to become productive and informed citizens.

Course Outcomes:

CO. No	Upon completion of this course, students will be able to	PSO's addressed	CL
CO 1	Identify and appraise various models of how markets are organized, and the price and output decisions for maximizing profit. Understand the difference between the firm and the industry; explain and illustrate the differences between the demand curve for a perfectly competitive firm and that for a perfectly competitive industry	1, 2	Ap
CO 2	Describe characteristics of monopolies and a monopolistically competitive industry. Calculate and graph a monopoly's and monopolistic firm's costs, revenues, profit and losses	2,4	Un
CO 3	Design and develop an appropriate wage structure for a firm	1,6	An
CO 4	To make the student understand different types of market and levels of competition prevailing in the market.	1,2	Un
CO 5	Analyse the relationship between inputs used in production and the resulting outputs and costs	1,5	Ev
CO 6	To have a better awareness regarding different Factor Pricing Rent, Wages, Interest, Profit.	6,8	Un

SEMESTER- II			
CORE III		MICRO ECONOMICS –II	
Code: 21UECC21	Hours / week :5	Hrs / Sem.: 75	Credits :4

UNIT I -MARKETSTRUCTURE

15 Hrs

Time Element -- Equilibrium of the Firm and Industry – Perfect Competition – Price Output Determination

UNIT II- MONOPOLY AND MONOPOLISTIC MARKETS

15 Hrs

Meaning and features: Monopoly, Discriminating Monopoly and Price – Output Determination–Meaning and features of Monopolistic Competition – oligopoly & duopoly

UNIT III- FACTOR PRICING I

15 Hrs

Theories of Distribution - Wages: Meaning and Types of Wages – Theories of Wages: Subsistence Theory and Wage Fund Theory

UNIT IV - FACTOR PRICING II

15 Hrs

Concept of Rent – Ricardian Theory of Rent, Quasi Rent, Modern Theory of Rent – Concept of Interest: Classical Theory, Loanable Funds Theory and Keynes' Liquidity Preference Theory.

UNIT V- FACTOR PRICING III

15 Hrs

Concept of Profit – Gross Profit and Net Profit – Theories of Profit: Dynamic Theory, Innovation Theory and Uncertainty Bearing Theory.

Text Book: H.L.Ahuja, Modern Micro Economics, 19th Edition, S.Chand &Co Ltd, New Delhi, 2017.

Books for Reference:

1. Robert Pindyck & Daniel Rubinfeld, Micro Economics, 8th Edition, Pearson Education, U.K, 2017.
2. M.L.Jhingan, Micro Economic Theory, 7th Edition, Vrinda Publications, Delhi, 2014.
3. Dominick Salvatore, Principles of Micro Economics, 5th Edition, Oxford University Press, New Delhi, 2009.
4. S. Devairakkam, Micro Economics, 2nd Edition, D.S. R. Publications, Tirunelveli, 2001.
5. M.L.Seth, Micro Economics, 7th Revised Edition, Lakshmi Narain Agarwal Publication, 2001.

SEMESTER- II			
CORE IV		INDIAN ECONOMY – II	
Code: 21UECC22	Hours / week :5	Hrs / Semester: 75	Credits :4

Objectives:

- Develop an in-depth understanding of the Indian economy
- Understanding and analysing Indian Economic Issues, developments and policies.
- To enable students to have an understanding on the various issues of the Indian economy

Course Outcome:

CO No.	Upon completion of this course, students will be able to	PSO Addressed	CL
CO 1	To comprehend the significance, policies and growth of the industrial sector in India.	2,5	Re
CO 2	To enable the students to understand the challenges faced by the Micro, Small and Medium Enterprises.	4,8	Un
CO 3	Providing a solid introduction to transportation demand and various types or modes of transportation.	1,6	Ev
CO 4	To facilitate an understanding of the Balance of Payments. Explain the Foreign Direct Investment and Foreign Portfolio Investment. Evaluate WTO	1,2	An
CO 5	Students will be able to understand how planning can develop an economy. Evaluation of five -year plans.	4, 5,7	Un
CO 6	Students will get knowledge about IT and ITES in India.	1, 2	Ap

SEMESTER- II			
CORE IV		INDIAN ECONOMY – II	
Code: 21UECC22	Hours / week :5	Hrs / Semester: 75	Credits :4

UNIT I- INDUSTRIES

15 Hrs

Role of Industries in Economic Development - Cottage, Small Scale, MSME and Large-Scale Industries (Cotton, Iron & Steel and Cement) Industrial Policy-1991, 2001 & 2011

UNIT II- PLANNING

15 Hrs

Definition and Scope of Planning-Objectives of Planning in India-A brief resume of Five - year Plans in India – Recent Five- year Plan-Recent developments

UNIT III- TRANSPORT

15 Hrs

Types of Transport - Importance (Railway, Roadways, Shipping and Civil Aviation)

UNIT IV FOREIGN TRADE

15 Hrs

Importance of Foreign Trade in Economic Development, Balance of Payments – Recent EXIM Policy- WTO and Indian Economy- Government Financial Support for foreign trade-FDI

UNIT V- IT & ITES IN INDIA

15 Hrs

Meaning – Structure – Role and Importance of IT & ITES in India- Recent Developments

Text Book: Ruddar Datt and Sundharam K.P.M., Indian Economy, 51st Revised Edition, Sultan Chand, New Delhi, 2018.

Books for Reference:

1. Uma Kapila, Indian Economy, 20th Edition, Published by Academic Foundation, New Delhi, 2019.
2. Ishwar.C.Dhingra -Indian Economy, 21st Edition , Manakin Press Pvt. Ltd, New Delhi, 2018.
3. Mishra &Puri - Economics of Development and Planning, 7th edition Himalaya Publication, Mumbai, 2005.
4. Meier, G.M. Leading Issues in Economic Development, 6th edition, O U P, New Delhi, 1995.

SEMESTER- IV			
ALLIED II		STATISTICS II	
ALLIED: 21UECA22	HOURS / WEEK: 4	HRS / SEM: 60	CREDITS :4

Objectives:

- To provide an understanding on statistical concepts.
- To develop critical and quantitative thinking skills specific to statistics.
- To train students intensively in both theoretical and practical aspects of statistics
- To create a problem-solving attitude with the aid of statistical methodology.

Course Outcomes:

CO. No	Upon completion of this course, students will be able to	PSO's Addressed	CL
CO 1	Explain concept of correlation, analyze and interpret covariance and correlation coefficient, illustrate ordinary least squares and use it to estimate regression coefficient. Find the inter-relation between two or more phenomena with the help of curve fitting and correlation-regression analysis.	4	Un
CO 2	To introduce the fundamental concepts of statistical modelling, particularly linear regression models.	1,2	Ap
CO 3	Describe the components of time series, apply time series analysis in business scenarios, illustrate the different types of index numbers, and calculate index numbers.	1	An, Ev
CO 4	Apply the statistical tools in business, economic and commercial areas with the help of time series, index numbers, etc	1,5	An
CO 5	To provide essential knowledge of the theory and key properties of probability and random variables, and the application of these concepts in practical situations.	2,4,5	Un, An
CO 6	Made a bridge between the elementary statistical tools and probability theory	1,2	Re

SEMESTER- II			
ALLIED- II		STATISTICS- II	
Code: 21UECA22	Hours / week :4	Hrs / Semester: 60	Credits :4

UNIT – I CORRELATION

10 Hrs

Correlation: Types, Scatter diagram – Measurement: Karl Pearson Co-efficient of Correlation, Spearman’s Rank correlation and Concurrent Deviation

UNIT – II REGRESSION

10 Hrs

Regression - Meaning – Differences between Correlation and Regression - Regression lines – Regression equations - Regression Co-efficient

UNIT – III INDEX NUMBERS

15 Hrs

Definition, Types, Problems in the Construction of Index Numbers, Time and Factor Reversal Test, Fixed Base and Chain Base Index Numbers, Uses and limitations of Index Numbers.

UNIT - IV TIME SERIES

10 Hrs

Definition, Components of Time Series, Methods of measuring trend: Semi-Average, Moving Average and Method of Least Squares

UNIT - V PROBABILITY AND THEORY OF DISTRIBUTION

15 Hrs

Definition, Meaning, Concepts, Addition and Multiplication Theorems of probability- Theory of Distribution: Binomial, Poisson and Normal Distributions: Properties only.

Text Book: R.S.N. Pillai & Bhagavathi, Statistics: Theory and Practice, 8th Edition, S. Chand, New Delhi, 2019

Reference Books:

1. Dr.S. P.Gupta, Statistical Methods, 46th Edition, Sultan Chand & Sons, New Delhi, 2021.
2. Mario F. Triola, Elementary Statistical Methods, 13th Edition, Pearson Publications, New Delhi, 2017
3. Freedman, Purves & Pisani, Statistics, 4th Edition, Viva Books Pvt. Ltd., Kerala, 2011.

SEMESTER- II			
ALLIED II		GENERAL ECONOMICS – II (I HISTORY)	
Code: 12UHIA22	Hours / week :4	Hrs / Semester: 60	Credits :4

Objectives:

- To develop an in-depth understanding of the concepts of Economics
- Understand and promote financial thinking skills.
- Boost decision making abilities among students to empower them to become business citizens.

Course Outcome:

CO No.	Upon completion of this course, students will be able to	PSO Addressed	CL
CO 1	Students i will get exposed to different types of employment and analysis of labour markets.	4,7	Un
CO 2	. It aims to provide the students with an introduction to understand the concept of money, theories of money supply and money demand	2	Ev
CO 3	Provide the students with a thorough understanding of the importance of money and banking in various economies. It provides an insight into the Banking system.	1,4	Un
CO 4	Identify the basic difference between inter-regional and international trade	2	An
CO 5	Show the importance of maintaining equilibrium in the balance of payments and suggests suitable measures to correct disequilibrium as well.	1,2	Un
CO 6	Understand the sources of finance both public and private,. Understand government expenditures and the causes of growing public expenditures	4,6	An

SEMESTER- II			
ALLIED II		GENERAL ECONOMICS – II (I HISTORY)	
Code: 21UHIA22	Hours / week :4	Hrs / Semester: 60	Credits :4

UNIT I - EMPLOYMENT **10 Hrs**
 Meaning of Full Employment – Types of Unemployment – Seasonal, Frictional, Technological, Structural, Voluntary and Involuntary, Cyclical and Disguised Unemployment

UNIT II - MONEY **15 Hrs**
 Barter – Meaning and Difficulties – Money - - Evolution, Kinds & Functions of Money- Monometallism – Bimetallism: Merits and demerits – Paper Currency Standard – Systems of note issue

UNIT III - BANKING **10 Hrs**
 Evolution of banks – Kinds of Banks – Functions Commercial Bank - Functions of a Central Bank
 Practical: To Open an account, to cross the Cheque and to fill up demand draft form.

UNIT IV - INTERNATIONAL TRADE & BALANCE OF PAYMENT **10 Hrs**
 International Trade – Benefits – Difference between International Trade and Internal Trade – Free Trade and Protection – Advantages and Disadvantages
 Balance of Payment and Balance of Trade – Structure – Causes of Disequilibrium
 Balance of payment – Methods of correcting disequilibrium

UNIT V - PUBLIC FINANCE **15 Hrs**
 Meaning and Importance of Public Finance –Public Expenditure — Causes for the recent Growth of Public Expenditure- Public Revenue, Sources of Revenue – Public debt, classification of public debt-effects- Methods of debt Redemption

Text Books: Dr. Maria John Kennedy, Macro Economic Theory, 3rd Edition, Prentice Hall Pvt Ltd, New Delhi, 2011

Reference Books:

1. M. L. Jhingan, Macro Economic Theory, 13th Edition, Vrinda Publication Pvt. Ltd, Delhi, 2016.
2. Ackley, Macro Economics: Theory and Policies, 10th Edition, Pearson Education, India, 2013.
3. M. C. Vaish, Monetary Theory, 16th Edition, Vikas Publishing House Pvt. Ltd, Chennai, 2005.
4. Dr. H.L. Bhatia, Public Finance, 30th Edition, S. Chand Publication, 2000.

SEMESTER- II			
Skill Based Enhancements Course I-PROFESSIONAL ENGLISH FOR ECONOMICS II			
Code: 21UECA22	Hours / week :2	Hrs / Semester: 23	Credits :2

Objectives:

- Enable them to understand the topics and vocabulary
- Develop their competence in the use of English with particular reference to the workplace situation.
- Enhance the creativity of the students, which will enable them to think of innovative ways to solve issues in the workplace.
- Develop their competence and competitiveness and thereby improve their employability skills.
- Help students with a research bent of mind develop their skills in writing reports and research proposals.
- To participate in uncritical conversations and prepare organised and deliver the work to the public

Course Outcomes

CO No.	Upon completion of discourse, students will be able to	PSO's addressed	CL
CO 1	Demonstrate knowledge and comprehension of major economic issues	2,4	Un
CO 2	Read a variety of texts critically and proficiently to demonstrate in writing or speech the comprehension, analysis and interpretation of those texts.	2,3	Ev
CO 3	Critically analyze, understand and make an informed critique of economy and different business practices.	1,4	An
CO 4	Think critically and creatively and conceptualize real-world problems from different perspectives.	4,7	Un
CO 5	Recognize and discuss the different concepts in Economics.	1,7	An
CO 6	Provide an in-depth understanding of economy through writing and group discussions.	3,5	Un, Ap

SEMESTER- II			
Skill Based Enhancements Course I -PROFESSIONAL ENGLISH FOR ECONOMICS I			
Code: 21UECA22	Hours / week :2	Hrs / Semester: 23	Credits :2

UNIT I -Listening **5 Hrs**

Listening: Listening comprehension and answering questions-(Economic events -Census of India, latest Union budget, Five year plans, Centre and State Financial Relations in India, Banking- Insurance- Health Infrastructure- Educational Infrastructure- IT sector

UNIT II- Reading **3 Hrs**

Reading: comprehension passages (Reading passages on Composition and direction of foreign trade- Importance of foreign trade and economic development- Balance of payments

UNIT III- Speaking **5 Hrs**

Speaking: Small group discussions (Importance of Industries, Large Scale Industries and Small scale, MSME and Cottage industries)

UNIT IV-Writing **5 Hrs**

Writing: Writing Recommendations (Using internet as a Resource, Benefits of Digital Marketing, Challenges of Cashless Economy, Retail Vs wholesale, Online shopping Vs Traditional shopping.

UNIT V - Vocabulary **5 Hrs**

Vocabulary: (Average revenue, Bank rate, Barter exchange, Base year, Bonds. Budget surplus, Comparative advantage, Returns to scale, Collusion, Cartel, Depreciation, Devaluation, Monetary Policy. REPO rate., CRR, SLR, Bank rate, Fiscal policy, Fiscal Deficit, Balance of payments (BOP), balance of trade (BOT), Carbon tax, Depression, FDI, Free Trade Agreement, GDP, GNP, NDP, NNP, SEZ, Labour, Land, Personal income, Private income, Profit, Value added, Wage, Wholesale Price I(WPI) Index, Equity, Externality, Laffer curve, Marginal cost. Marginal revenue, Marginal product, Marginal tax rate, Microeconomics, Macroeconomics, Producer surplus, Pigouvian tax, Supply Side Economics, Sunk cost

Textbook: Ruddar Dutt, Ashwani Mahajan & K.P.M. Sundharam, Indian economy, 71st Edition, Sultan Chand, New Delhi, 2015.

Books for reference:

1. Communicative English (For Students of Arts and Science colleges) semester I, Tamil Nadu State Council for higher education(transche),2020
2. Professional English for arts and Social Sciences-I, Tamil Nadu State Council for higher Education, 2020
3. Pazhani, Microeconomics, 4th Edition, J.P. Publishers, Nagercoil, 2019.
4. Uma Kapila, Indian economy, 9th Edition, Published by Academic Foundation, 2010.
5. Ishwar C Dhingra, The Indian economy, 21st edition, Sultan Chand, New Delhi, 2009.
6. M. L. Jhingan, Microeconomic theory, Vrinda Publications, Delhi 1998
7. M. L Seth, Principles of Economics, Lakshmi Nara Publication, 1997.

SEMESTER- III			
Core – V		MACRO ECONOMICS – I	
Course Code: 21UECC31	Hours / week :6	Hrs / Sem.: 90	Credits :6

Objectives:

- To develop the understanding of basic Macro concepts
- To promote critical thinking skills and to analyse impacts of policy actions and to evaluate the advantages and disadvantages of different policies.

Course Outcomes

CO No.	Upon completion of this course, students will be able to	PSO's Addressed	CL
CO 1	Understand the concepts of Macro Economics and its interrelations with Microeconomics	2, 4	Un
CO 2	Compares calculation methods of national income	1, 4,6	Ap
CO 3	Describe the relationships among GDP, net domestic product, national income, personal income and disposable income	1, 2,4, 6	Ev
CO 4	Categorizes unemployment by types	4,7	Un
CO 5	Identify the strengths and weaknesses of the Keynesian and classical model.	2, 4, 5,6	Cr
CO 6	Construct and graph the consumption function	4,6	Un

SEMESTER- III			
Core – V		MACRO ECONOMICS – I	
Course Code: 21UECC31	Hours / week :6	Hrs / Sem.: 90	Credits :6

UNIT I - Nature and Scope of Macro Economics **20 Hrs**

Macro Economics – Meaning - Definition - Importance and limitations – National Income – Concepts – Methods of measuring national income – Difficulties- Importance of National Income Analysis – National Income Accounting – Circular flow of Income in two, three and four sector Models.

UNIT II - Classical Theory of Employment **20 Hrs**

Classical Theory of Employment – Say’s Law of Market – Fisher’s Quantity theory- John Maynard Keynes’ criticism of classical theory

UNIT III - Keynesian Theory of Employment **15 Hrs**

Keynesian theory of Employment and Output – Aggregate Demand & Aggregate Supply – Effective Demand - comparison and contrast between Classical and Keynesian contributions

UNIT IV - Consumption Function **15 Hrs**

Consumption Function – Meaning – Definition - Attributes – Keynesian Consumption Function – Factors stimulating and influencing Consumption function.

UNIT V - Inflation and Unemployment **15 Hrs**

Inflation – Meaning – Types- Causes - Measures to control Inflation – Deflation and Stagflation – Meaning – Unemployment: Meaning – Types- Employment guarantee programmes.

Text Book:

M.Maria John Kennedy. *Macro Economics*. New Delhi: PHI Learning PVT Ltd. 1st edition 2011

Books for Reference:

1. Dr.D. Amutha. *Fundamentals of Macroeconomics*. New Delhi: Manglam publications. 1st edition 2019.
2. Jhingan, M. L. *Macroeconomic Theory*. New Delhi: Vrinda Publications (P) Ltd. 13th edition 2016.
3. Edward Shapiro. *Macroeconomic Analysis*. New Delhi: Galgotia Publications. 5th edition 2013.
4. Ahuja, H. L. *Macro Economics Theory & Policy*. New Delhi: S. Chand & Company Ltd. 19th edition 2013.
5. R. Cauvery, Dr.U.K.Sudha Nayak, Dr.M. Girija & Dr. R. Meenakshi. *Macro Economics*. New Delhi: S.Chand & Company Ltd. 3rd edition 2002.

SEMESTER- III			
Allied -III		MATHEMATICAL METHODS- I	
Course Code: 21UECA31	Hours / week :4	Hrs / Sem.: 60	Credits :4

Objectives:

- To develop the technical skills of students and faculty, together engaging in research, teaching, and learning
- To get an advanced knowledge in diverse areas of mathematics
- To discover, mentor, and nurture mathematically inclined students, and provide them a supportive environment that fosters intellectual growth.

Course Outcomes

CO No.	Upon completion of this course, students will be able to	PSO's Addressed	CL
CO 1	know and apply the skills of commercial arithmetic in business life.	1, 2,4, 5	Un
CO 2	apply the basic concepts of equations in economics.	1, 4,7	Ap
CO 3	acquire knowledge about the linkage between mathematical techniques and economics.	2, 6	Ap
CO 4	use knowledge of content and mathematical procedures to solve problems and make connections between the different areas of mathematics.	6, 7	Un
CO 5	Demonstrate the use of mathematical reasoning by justifying and generalizing patterns and Relationships	2, 3, 5	Un
CO 6	Explain and apply basic concepts of sets	1, 4	U

SEMESTER- III			
Allied - III		MATHEMATICAL METHODS- I	
Course Code: 21UECA31	Hours / week :4	Hrs / Sem.: 60	Credits :4

UNIT I - Set Theory **10 Hrs**

Meaning of Mathematical Methods in Economics-Importance - Functions and their Properties- Notations of Set - Types of set - Venn diagram - Laws of Set - Operations in Set -Application in Economics.

UNIT II- Straight Line **15 Hrs**

Slope – Intercept - Equations of Straight Line - Parallel Lines - Perpendicular lines - Point of intersection of two lines - Application of straight lines in Economics: Supply line - Demand line - Determinants of equilibrium price and quantity and elasticity of demand

UNIT III - Differentiation **15 Hrs**

Process and Rules of Differentiation - Differentiation in polynomials x^n , $(ax+b)^2$; $\log x$, e^x , differential coefficient of sum, difference, product, quotient and power - Successive differentiation - Partial derivative - Given $U= f(x,y)$ and $U= f(x,y,z)$ - Higher order partial derivatives – Maxima and Minima with single variable.

UNIT IV- Application of Differentiation in Economics **10 Hrs**

Marginal utility, cost and revenue curve applications - Marginal Revenue (MR) and Marginal Cost (MC) –Point of Inflection - Revenue maximization and Cost minimization.

UNIT V- Integral Calculus and its Applications in Economics **10 Hrs**

Rules of Integration – Definite & Indefinite integrals – Application in Economics – Total Revenue and Cost Concepts, Consumer's surplus and Producer's surplus.

Text Book:

Dr.M. Manoharan, Dr. C. Elango & Prof. K.L. Eswaran. *Business Mathematics*. Tamil Nadu:Palani Paramount Publications. 4th edition 2018

Books for Reference:

1. S.C. Aggarwal R.K.Rana & Leena Gupta. *Mathematics for Economists*. Haryana: V.K.GlobalPublications Pvt Ltd. 1st edition 2022
2. Dr. R.Veerachamy. *Quantitative Methods for Economists*. New Delhi: New Age International (P) Ltd. 2nd edition 2018
3. M.B.K. Moorthy & A. Manikandan. *Advanced Mathematical Methods*. Chennai: Yes Dee Publishing Pvt Ltd. 1st edition 2017
4. Dr. S. Sivaiah. *Applied Mathematical Methods*. Chennai: Laxmi Publications. 2nd edition 2013
5. Bhaskar Dasgupta. *Applied Mathematical Methods*. Chennai: Pearson Education India. 1st edition 2006

SEMESTER- III			
Core Skill Based		TOURISM ECONOMICS- I	
Course Code: 21UECS41	Hours / week :4	Hrs / Sem.: 60	Credits :4

Objectives:

- To understand the impact and challenges in the tourism industry.
- Understand the importance of tourism in the service industry.
- Understand the place of tourism in the service industry.

Course Outcomes

CO No.	Upon completion of this course, students will be able to	PSO's addressed	CL
CO 1	understand the nature of tourism and explore the reasons for the rapid growth of tourism.	2, 4, 7	Un
CO 2	assert and apply the method to develop an ideal itinerary and function of tour managers.	6, 7	Ap
CO 3	plan, lead and organize the effective and efficient operations through tourism formalities	6, 8	Cr
CO 4	view how the travel motivators promote social tourism, apply the concept to explore the demand, factors influencing tourism	4, 6, 7	Ap
CO 5	Better understanding of Travel and Tourism Industry	2	Un
CO 6	Understand the place of tourism in the service industry.	2,6	Un

SEMESTER- III			
Core Skill Based	TOURISM ECONOMICS- I		
Course Code: 21UECS31	Hours / week :4	Hrs / Sem.: 60	Credits :4

UNIT I - Basic Concepts of Tourism **10 Hrs**

Meaning- Definition - Concepts and Types of Tourism - Tourism and economic development - Importance of tourism - Sustainable Tourism

UNIT II - Tourism Product and Tourism Marketing **10 Hrs**

Tourism products: Attractions, Availability, Accessibility and Amenities - Tourism Marketing – Various types of tourism marketing in India - Impact of Information Technology in tourism development.

UNIT III - Tourism Services **10 Hrs**

Hotels - Motels - Resorts - Boating Clubs - Conducted /Organized Tours - Package Tour - Insurance - Guides - Tour Operators - Tour Promoters - Medical Tourism and its importance.

UNIT IV - Performance of Tourism **15 Hrs**

Tourism status in global and national -Socio, Economic, Cultural and Political Impacts of tourism development in India - Programmes in Tourism Development - Infrastructure Development Programme – Integrated Development of Tourism Circuits, Product infrastructure and Destination Development

UNIT V - Tourism Organizations **15 Hrs**

Role and Functions: United Nations World Tourism Organizations (WTO), Pacific Asia Travel Association (PATA), World Tourism and Travel Council (WTTC), International Hotel Association (IHA), Ministry of Tourism, Government of India, Indian Tourism Development Corporation (ITDC) and Federation of Hotel and Restaurants Association of India (FHRAI)

Text Book: Sunetra Roday, Archana Biwal & Vandana Joshi. *Tourism: Operations and Management*. USA: Oxford University Press. Illustrated edition 2009

Books for Reference:

1. D. Leslie & J. Holland. *Tour operators & Operations: Development, Management and Responsibility*. U.K: CABI Publishers. 1st edition 2017.
2. Geetanjali. *Tourism Policy and Planning*. Jaipur: ABD Publishers. 1st edition 2010.
3. Manish Ratti. *Tourism Planning and Development*. New Delhi: Rajat Publications. 1st edition, 2008.
4. R. Shantha Kumar,. *Facts on Tourism*. Chennai: Shantha Publishers. 1st edition 1996.

SEMESTER- III			
Non-Major Elective Economics for Competitive Examinations – I			
Course Code: 21UECN31	Hours / week :2	Hrs / Semester: 30	Credits :2

Objectives:

- To initiate the students to understand the key concepts of economics.
- To prompt students to have economic way of thinking.
- To induce critical thinking skills within the contest of subject matter of economics.

CO No.	Upon completion of this course, students will be able to	PSO's addressed	CL
CO 1	describe and illustrate basic economic concepts of scarcity and choice.	1, 2, 4	Ap
CO 2	understand the concepts used, methods to measure and difficulties encountered in the calculation of National Income	2, 4	Un
CO 3	understand the concept of economic growth and development	2, 7	Un
CO 4	illustrate how economics can be used to create or analyse alternative approaches to promote development.	4, 5, 7	Cr
CO 5	analyse both the proximate and deeper factors that trap people in poverty or assist them to escape poverty	4, 6, 7	Ap
CO 6	Identify and differentiate between the different types of unemployment	1, 4,7	An

SEMESTER- III			
Non-Major Elective Economics for Competitive Examinations – I			
Course Code: 21UECN31	Hours / week :2	Hrs / Semester: 30	Credits :2

UNIT I - Micro Economics

7 Hrs

Definition of Economics – Adam Smith- Alfred Marshall, Lionel Robbins, Paul Samuelson

-Basic Concept in Economics - Micro Economics- Meaning – Importance and Uses of MicroEconomics – Macro Economics – Meaning – Difference between Micro and Macro Economics.

UNIT II - Macro Economics

7 Hrs

Meaning- Definition – Basic concepts of National Income – Gross National Product – NetNational Product – Personal Income – Per- Capita Income – Methods of Calculation of National Income – Problems of Calculation.

UNIT III- Economic Growth and Economic Development

6 Hrs

Meaning of Economic Growth – Meaning of Economic Development – Difference between Development and Growth – Determinants of Economic Development and Economic Growth

UNIT IV – Poverty

5 Hrs

Meaning – Definition – Causes of Poverty –Absolute and Relative Poverty – Poverty Eradication Programmes.

UNIT V – Unemployment

5 Hrs

Meaning – Causes of Unemployment – Kinds of Unemployment – Employment guarantee programmes.

Text Book: Dr. S. Sankaran. *Micro Economics*. Tamil Nadu: Margham Publications. 1st edition2018

Books for Reference:

1. Dr.D. Amutha. *Economics for UGC Net/Set Examinations*. New Delhi: ManglamPublications. 1st edition 2021.
2. Dr. D. Rathi. *Micro Economics*. Unites States: Lulu Publication. 1st edition 2021.
3. T.R. Jain & V. K. Ohri. *Fundamentals of Economics*. Haryana: VK Global Publications PvtLtd. 1st edition 2020.
4. M.L. Jhingan. *Micro Economic Theory*. New Delhi: Vrinda Publication Pvt. Ltd. 7th edition2012.

SEMESTER- III	
Self-Study / On-Line Course/ Internship (Compulsory) Salesmanship	
Course Code: 21UECSS1	Credits :2

Objectives:

- To understand the concept of psychology of selling
- Able to demonstrate the ability to analyze the key ethical issues involved in selling

Course Outcomes

CO No	Upon completion of this course, students will be able to	PSO's addressed	CL
CO 1	define salesmanship and evaluate the individual qualities a salesperson must process to succeed in building long-term customer relationships	1, 2	Un
CO 2	understand and relate selling with the Principle of Contingency Benefits.	2, 4	Un
CO 3	identify specific techniques involved in selling, i.e. prospecting, planning and making a sales presentation, negotiating buyer resistance, closing a sale, organizing a territory and managing time.	1, 4, 6	Cr
CO 4	understand the importance of building partnering relationships with potential customers.	2, 4	Un
CO 5	examine the ethical and legal issues in selling.	4	Ev
CO 6	demonstrate the ability to identify, analyze, and evaluate the four objectives of an effective sales approach	2, 4, 5, 6	An

SEMESTER- III	
Self-Study / On-Line Course/ Internship (Compulsory) Salesmanship	
Course Code: 21UECSS1	Credits :2

UNIT I – Salesmanship

Salesmanship – Definition, Features, Origin and Development of salesmanship – Creative and competitive salesmanship – Is salesmanship a science, art or a profession?

UNIT II- Fundamentals of Selling

The sales personality – Important traits – Physical, Mental, Social and Character traits – Improving the personality

UNIT III- Sales Organization

Organization of sales Department: Definition, Objectives, Functions and Types- Sales Routine – Control of Sales Operations

UNIT IV - Sales Training and Remuneration

The selection procedure – Types of training – Training objectives – Remuneration of salesmen – Methods – Allocation of Territories and sales conference

UNIT V -Buying Motives and Sales Talk

Important buying motives – Types of salesmen – Sales Talk – Sales Resistance – Closing the sales.

Text Book:

Dr. D. Rathi. *Salesmanship, Selling Process and Sales Promotion*. USA: Lulu Publication.

1st edition 2019

Books for Reference:

1. Manju Tanwar & Dr. Pooja Goel, *Personal Selling and Salesmanship*. New Delhi: Galgotia Publishing Company. 1st edition 2021.
2. P. Saravanel. *Advertising and Salesmanship*. Tamil Nadu: Margham Publications. 2nd Edition 2012.
3. Mahendra Mohan. *Advertising Management*. New Delhi: Tata Mc. Craw Hill. Twenty third reprint edition 2006.
4. Pooja Jain & Dr. Neha Singhal. *Principles of Marketing*. US: Cengage Learning India Publisher. 1st edition 2019.

SEMESTER- IV			
Core – VI		MACRO ECONOMICS – II	
Course Code: 21UECC41	Hours / week :6	Hrs / Sem.: 90	Credits :6

Objectives:

- It also introduces the students to various theoretical issues related to an open economy.
- Understand the Fiscal policy operations, its tools, and its advantages and drawbacks.
- To enable the students to have basic knowledge on macro-economic theories and policies

Course Outcomes

CO No.	Upon completion of this course, students will be able to	PSO's Addressed	CL
CO 1	know the multiplier and identify the leakages of multiplier	1, 2	Un
CO 2	understand the acceleration principles	2,4	Un
CO 3	Analyze different phases of trade cycle, demonstrate various trade cycle theories, understand the impact of cyclical fluctuation on the growth of business, and lay policies to control trade cycle.	2, 4, 6	An
CO 4	Describe the business cycle and its primary phases	2,4	Ev
CO 5	Compare and contrast the circumstances under which it makes sense to apply the Keynesian and Neoclassical perspectives	4,6, 7	Cr
CO 6	Describe the role of financial markets play in an economy.	4,5, 7	Ev

SEMESTER- IV			
Core - VI		MACRO ECONOMICS – II	
Course Code: 21UECC41	Hours / week :6	Hrs / Sem.: 90	Credits :6

UNIT I- Investment Function

15 Hrs

Meaning – Definition – Induced and autonomous investment – Determinants of Investment – MEC and Rate of interest – Factors other than the Interest rate affecting Inducement to Invest

UNIT II - Multiplier and Accelerator

20 Hrs

The concept of Multiplier – Employment and Investment Multiplier – Limitations and Importance of Multiplier - Leakages – Principles of Acceleration –Interaction between Multiplier and Accelerator (Super Multiplier).

UNIT III - General Equilibrium

20 Hrs

General Equilibrium- Equilibrium of Commodity Market (IS) and Money Market (LM) – Simultaneous equilibrium of Commodity and Money Market (IS & LM) changes in General equilibrium (Shifts in IS and LM functions)

UNIT IV - Trade Cycle

15 Hrs

Definition and Phases of Trade Cycle – Control of Trade Cycle – Monetary and Non-Monetary theories of Trade Cycle

UNIT V -Macro Economic Policies

20 Hrs

Monetary Policy - Objectives – Instruments –Effectiveness of Monetary Policy - Fiscal Policy - Objectives - Instruments - Monetary and Fiscal Policy Mix

Text Book:

M.Maria John Kennedy. *Macro Economics*. New Delhi: PHI Learning PVT Ltd. 1st edition 2011.

Books for Reference:

1. Dr.D. Amutha. *Fundamentals of Macroeconomics*. New Delhi: Manglam publications. 1stedition 2019.
2. A.L. Ahuja. *Macro Economic Theory and Policy*. New Delhi: S. Chand & Company Ltd.20th edition 2019.
3. Hubbard R. Glenn &O'Brien Anthony P. U.K: Pearson Publications. 5th edition 2017.
4. Jhingan, M. L. *Macro Economic Theory*. New Delhi: Vrinda Publications (P) Ltd. 12thedition 2014.

SEMESTER- IV			
Allied -IV		MATHEMATICAL METHODS- II	
Course Code: 21UECA41	Hours / week :4	Hrs / Sem.: 60	Credits :4

Objectives:

- To mould the students to acquire skills required for strengthening Mathematics.
- Provide platform to acquire abilities to evaluate problems using analytical/ numerical/graphical techniques.
- Provide a back ground for relating mathematical techniques to solve real life problems.

Course Outcomes

CO No.	Upon completion of this course, students will be able to	PSO's Addressed	CL
CO 1	Understand the foundations of mathematics	1, 4	Un
CO 2	Use equations, formulae, and mathematical expressions and relationships in a variety of contexts.	1, 2,4,	Un
CO 3	Analyse and demonstrate mathematical skills required in mathematically intensive areas in Economics and business.	4,5,6	An
CO 4	Apply the knowledge in mathematics(Matrices, Calculus)in solving business problems.	4,7	Ap
CO 5	acquire an introduction to apply a range of mathematical techniques to economic problems.	1, 5,7	Ap
CO 6	acquire lifelong skills to understand current economics and to investigate economic models using mathematical techniques.	2, 4, 6, 7	Un, Ap

SEMESTER- IV			
Allied -IV		MATHEMATICAL METHODS- II	
Course Code: 21UECA41	Hours / week :4	Hrs / Sem.: 60	Credits :4

UNIT I - Ratio, Proportion, Relations and Functions **10 Hrs**

Ratio – Proportion – Relations - Progression – Arithmetic progression – Geometric progression, Functions – types of functions – Application in Economics

UNIT II - Matrix – I **10 Hrs**

Matrix - Meaning and types - Operation of matrix: addition, subtraction, multiplication, division – Determinant – Properties of determinant

UNIT III - Matrix – II **15 Hrs**

Rank of matrix - trace of matrix - inverse: properties of inverse – solution to linear equations - Cramer’s rule – Inverse method – Applications in Economics: input - output analysis (introduction and concepts alone)

UNIT IV- Linear Programming **10 Hrs**

Meaning - Basic concepts – Graphical solution to linear programming problem (only two variables) – Dual Method.

UNIT-V: Introduction to Game Theory **15 Hrs**

Meaning – Concepts – Significance – Types: Pure and Mixed Strategy games – Applications and Limitations of game theory

Text Book:

Sundaresan V. and S.D. Jeyseelan. *An Introduction to Business Mathematics*. New Delhi: Sulthan chand (G/L) & Company Ltd. Revised edition 2018

Books for Reference:

1. T.R. Jain & SC. Aggarwal. *Mathematical Methods for Economics*. Haryana: V.K.GlobalPublications Pvt., Ltd., India. 1st edition 2021
2. Dr. Dipjyoti Sarma & Romen Kalita. *Mathematical Methods*. Madhya Pradesh: MahaveerPublications. 1st edition 2020.
3. Alpha C. Chiang & Kevin Wainright. *Fundamental Methods of Mathematical Economics*. U.K: McGraw Hill Publications. 4th edition 2013.
4. D. Bose, *An Introduction to Mathematical Methods*. New Delhi: Himalaya PublishingHouse. 1st edition 2007.

SEMESTER- IV			
Core Skill Based		TOURISM ECONOMICS- II	
Course Code: 21UECS41	Hours / week :4	Hrs / Sem.: 60	Credits :4

Objectives:

- Learn about sustainable tourism development for inclusive economic development.
- Understand the importance of Tourism sector and having integrity to achieve economic development through tourism.

Course Outcomes

CO No.	Upon completion of this course, students will be able to	PSO's Addressed	CL
CO 1	identify and evaluate the elements of the tourism system and its interaction with the environment.	1, 2,4	Ev
CO 2	recognize and raise awareness for moral issues and dilemmas in tourism.	3, 4	An
CO 3	provide information about tour packages	2, 4,6	Un
CO 4	assert and apply the method to develop an ideal itinerary and function of tour managers.	1, 7	Ap
CO 5	understand the importance of transport and communication in travel tourism and hospitality industry.	2,4,5	Un
CO 6	create an awareness on the economic impact generated by tourism.	4, 7	Cr

SEMESTER- IV			
Core Skill Based		Tourism Economics- II	
Course Code: 21UECS41	Hours / week :4	Hrs / Sem.: 60	Credits :4

UNIT I - Travel Agency **10 Hrs**

Travel Agents, Tour operators, Function of a travel agent – Travel information, Ticketing, Tour packages, and Type of Package, Tours and excursion -Travel agency commission How to set up a travel agency-Modern mobile application towards in Tourism.

UNIT II - Personality Developments Of Travel Agent, Tour Operator, Guide **10 Hrs**

Introduction: Meaning of Personality, Personality Factors- external, internal. Effective or winning personality, developing a selling personality

UNIT III - Guiding Concept **15 Hrs**

Meaning, Concepts &Types of Guides: Conceptual meaning of Tourist Guide, duties and responsibilities. How guides are appointed in tour.

UNIT IV- Tourism Development **10 Hrs**

Development of tourism in India - New Policy on Tourism Management strategy- Global and Indian status of Tourism Industry - International Agencies.

UNIT V- Indian Art & Architecture **15 Hrs**

Indian Art and Sculptures, Archaeological sites – Monuments – Ancient Temples of India Forts - Palaces and Museums – Buddhist heritage sites of India, Islamic Art & Architecture - UNESCO, World Heritage Sites in India, conservation & Management.

Text Book:

A.K.Bhatia, Tourism Development-Principles & Practices, 4th Revised Edition, Sterling Publishers Pvt., Ltd, Uttar Pradesh, 2020.

Books for Reference:

1. S. Subramania Pillai. *Tourism in Tamil Nadu- Growth and Development*. India: MJPPublishers. 1st edition 2021.
2. Rajat Gupta, Nishant Singh, Ishita Kirar & Mahesh Kumar Bairwa. *Hospitality and Tourism*. New Delhi: Vikas Publishing House Pvt, Ltd. 1st edition 2015.
3. Satish Chandra Nigam,. *Eco Tourism and Sustainable Development*. New Delhi: RajatPublications. 1st edition 2008.
4. Biswanath Ghosh. *Tourism & Travel Management*. New Delhi: Vikas Publishing HousePvt, Ltd. 2nd edition 2000.

SEMESTER- IV			
Non-Major Elective Economics for Competitive Examinations – II			
Course Code: 21UECN41	Hours / week :2	Hrs / Semester: 30	Credits :2

Objectives:

- This course is designed to make the undergraduate students of other disciplines aware of the basic ideas and concepts in economics.
- To make students understand economic ideas and its implications in real time life situation.

Course Outcomes

CO No.	Upon completion of this course, students will be able to	PSO's addressed	CL
CO 1	Explain the types of public debt and how debt is repaid	2,4, 6	Un
CO 2	Describe the process of credit creation of a commercial bank, describe the balance sheet of a commercial bank, explain the functions of commercial bank	2,4	An
CO 3	Explain the main objective of monetary policy in under developed countries	4,5, 6	An
CO 4	Explain the functions and constituents of financial system, explain money market, capital market and stock market	1,4,5	An
CO 5	Explain the different concepts of terms of trade	4,7	An
CO 6	Explain the structure of BOP, disequilibrium in BOP, causes of disequilibrium	4, 5, 7	Ap

SEMESTER- IV			
Non-Major Elective		Economics for Competitive Examinations – II	
Course Code: 21UECN41	Hours / week :2	Hrs / Semester: 30	Credits :2

UNIT I- Public Finance **7 Hrs**

Meaning – Definition – Scope of Public Finance – Public Revenue – Public Expenditure
-Causes of increasing Public expenditure in India-Union Budget and its Importance.

UNIT II - Reserve Bank of India **7 Hrs**

Origin of Reserve Bank of India – Functions of Reserve Bank of India – Monetary Policy
-Control of Credit – Relationship between RBI and Commercial Banks.

UNIT III -Inflation& Deflation **5 Hrs**

Meaning - Definition – Types – Causes and Effects of Inflation – Controlling Measures
-Deflation – Effects of Deflation

UNIT IV - Centre-State Financial Relations **5 Hrs**

Decentralization of power between centre and state-Centre-State Financial relations–Panchayat Raj System and its Importance- 73rd and 74th Amendments

UNIT V - International Trade **6 Hrs**

Meaning - Definition – Difference between Internal and External Trade –
Balance of Payment –Functions of WTO and IMF

Text Book:

H.L.Bhatia. *Public Finance*. New Delhi: Vikas Publishing House Pvt, Ltd. 30th edition, 2020.

Books for Reference:

1. Dominick Salvatore. *International Economics*. United States: Wiley Publisher, 13th edition 2021.
2. M.L.Jhingan. *International Economics*. New Delhi: Vrinda Publications Pvt. Ltd. 7th edition 2020.
3. Harvey Rosen. *Public Finance*. UK: McGraw Hill Education. 8th edition 2012.
4. R.Cauvery, N. Kruparani, U.K. Sudha Nayak & A. Manimekalai. *Monetary Economics*. New Delhi: S. Chand & Co Ltd. 2nd Revised edition 2008.

SEMESTER-IV	
Self-Study paper (Optional) Economics of Advertising	
Course Code : 21UECSS2	Credit : 2

Objectives:

- The course helps to develop an understanding on the various aspects Advertising which Includes its objectives, classification, creative aspect of advertisements
- Explains the role of advertisements in the economy and society, functions of the advertising agency and department, media strategies.

Course Outcomes

CO No.	Upon completion of this course, students will be able to	PSO addressed	C L
CO 1	understand what advertising is and its role in advertising and brand promotion and the economic effects of advertising.	1, 2, 4	Un
CO 2	create advertisement copy and appreciate the growth of modern advertising	4, 7	Cr
CO 3	be able to identify, analyze, and understand the advertising environment	1, 4	An
CO 4	prepare the advertising message and fully integrate the creative process.	6, 8	Cr
CO 5	understand the importance of placing the message in conventional and “new” media.	2, 4	Ev
CO 6	know the importance of budget and analyse the factors affecting budget.	4, 6, 8	An

SEMESTER- IV	
Self-Study paper (Optional)	Economics of Advertising
Course Code : 21UECSS1	Credit : 2

UNIT I -Introduction

Introduction – Meaning, Definition, Features and Importance of advertising – Types of advertising

UNIT II - Advertising Copy

Advertising copy – Qualities of good advertising copy – Elements of advertising copy, Evaluation of advertising effectiveness – Methods of Testing – Advertising Effectiveness

UNIT III - Advertising Media

Advertising Media – Print Media – Outdoor Media – Electronic Media.

UNIT IV -Advertising Budget

Advertising Budget – Methods of Budgeting – Importance and factors affecting advertising Budget

UNIT V -Advertising Agency

Advertising Agency – Types and structure of advertising agency – Functions, Selection and remuneration of advertising agency

Text Book:

K.Pazhani & S.Jesi. *Advertising*. Nagercoil: J.P.Publishers. 1st edition 2001

Books for Reference:

1. Belch and Belch. *Advertising and Promotion*. Noida: Tata McGraw Hill. Co. 12th edition 2021.
2. Sharma, Kavita. *Advertising: Planning and Decision Making*. New Delhi: Taxmann Publication Pvt. Ltd. 1st 2011.
3. Rajeev Batra, John. G. Myers & David. A.Aaker. *Advertising Management*. New Delhi: Pearson India Publication. 5th edition 2002.
4. Burnett, Wells, and Moriarty. *Advertising: Principles and Practice*. New Delhi: AneBooks Pvt Ltd. 6th edition 2003.

Semester – V			
Core -VII (Common Core)		Human Resource Management	
Course Code:21UMCC51	Hrs/Week: 6	Hrs/Sem: 90	Credit :3

Objectives:

- To enable students to understand the basic concepts in HRM
- To familiarize students on the various aspects of HRM

Course Outcomes

CO No.	Upon completion of this course. students will be able to	PSO's addressed	CL
CO 1	gain knowledge on the basic concepts of planning human resource and help them to understand basic techniques of business.	6	Un
CO 2	understand the basic selection process in HR.	8	Un
CO 3	know the importance of training and development in HR.	2	Ap
CO 4	know about the transfer policies and gain knowledge on compensation methods.	5	Un & Re
CO 5	know about the significance and problems in performance appraisal.	1	Ap
CO 6	understand the promotional policies in business and identify the methods of performance appraisal.	2, 8	Un, Re & Ev

Semester – V			
Common Core -VII	Human Resource Management		
Course Code:21UMCC51	Hrs/Week: 6	Hrs/Sem: 90	Credit :3

UNIT I - Introduction

15 Hrs

Human Resource Management: Meaning - Objectives - Nature and Scope - Importance – Functions and Problems of HRM - Personnel Management Vs. HRM – Skills and Qualities of HumanResource Managers.

Unit II - Human Resource Planning, Recruitment and Selection

20 Hrs

Human Resource Planning: Meaning - Need and Importance - Objective - Problems process Recruitment: Meaning - Factors Influencing Recruitment - Sources of Recruitment – Internal and External - Problems in Recruitment – Selection: Meaning - Factors Affecting Selection Decisions - Selection Policy - Steps in Selection.

UNIT III - Training and Development

20 Hrs

Training: Need and Importance - Objective - Types - Steps in Training Programme – Methods of Training - Evaluation of Training Programmes – Development: Meaning - Concept and Essentialsof Management Development Programmes.

UNIT IV - Transfer, Promotion & Compensation

15 Hrs

Transfer: Objective – Procedure of Transfer -Transfer Policy - Promotion: Purpose – Types of Promotion -Promotion Policy – Demotion –Causes of Demotion – Dismissal- Compensation: Objective – Principles – Separations – Absenteeism – Labour Turnover- Impact of LabourTurnover

UNIT V - Performance Appraisal

20 Hrs

Performance Appraisal: Meaning - Need and Importance - Objective - Problems in Performance Appraisal - Factors Influencing Performance Appraisal – Methods of Performance Appraisal.

Text Book: Chitra. Atmaram. Naik. *Human Resource Management*. New Delhi: Ane Books Pvt., ThirdEdition. 2016.

Books for Reference:

1. Dr.C.B.Gupta. *Human Resource Management*. New Delhi: Sultan Chand & Sons.Thirteenth Edition. 2018.
2. C.P.Memoria. *Personnel Management*. New Delhi: Himalaya Publishing House. ThirdEdition. 2011
3. L.M.Prasad.. *Human Resources Management*. New Delhi: Sultan Chand & Sons. FifthEdition. 2014.
4. Gary Dessler. *Human Resource Management*. New Delhi: Prentice Hall. First Edition.2013.
5. Michael Armstrong. *A Handbook of Human Resource Management Practice*. New Delhi:Kogan Page. Third Edition. 2012.

Semester- V			
Core -VIII		Fiscal Economics -I	
Course Code: 21UECC51	Hours / week :6	Hrs / Semester: 90	Credits :4

Objectives:

- Provide the knowledge on basic financial procedure of the government.
- To develop the ability of the students to understand and to make research in finance and economics and the skills to apply those concepts for making intelligent decisions for themselves in public sector and business life.

CO. No	Upon completion of this course. students will be able to	PSO's addressed	CL
CO 1	differentiate between public finance and private finance	6	Ap
CO 2	explain tax and non- tax revenue, differentiate between direct and indirect tax. explain shifting of taxation and effects of taxation	2	An
CO 3	classify the public revenue and its various sources; revenue receipts and non- revenue receipts. understand the tax and non-tax revenue.	1	Ev
CO 4	describe how and in which manner government spends. the causes of increasing public expenditure in the modern economies. explain the varying effects of public expenditure on the economy and role of public expenditure in a developing economy.	4	Ev
CO 5	identify the measures to reduce public expenditure.	6	Ev
CO 6	explain the types of public debt and how debt is repaid and analyse the latest government budget allotment.	2, 7	An

Semester- V			
Core -VIII		FISCAL ECONOMICS -I	
Course Code: 21UECC51	Hours / week :6	Hrs / Semester: 90	Credits :4

UNIT I -Introduction

15 Hrs

Definition and importance of Public Finance – Private Finance and Public Finance – comparison – Principles of Maximum social advantage.

UNIT II - Public Expenditure

20 Hrs

Classification of Public Expenditure –Reasons for the growth of Public expenditure in recent times (general) – Effects of public expenditure on production – On distribution – other effects.

UNIT III - Public Revenue

20 Hrs

Sources of Revenue State and Centre - Characteristics of Taxation - Canons of taxation. Objectives of taxation with special reference to India – Ability to pay theory of taxation

UNIT IV -Kinds of Taxation

20 Hrs

Direct and Indirect taxes – Progressive, Proportional and Regressive taxation - Merits and Demerits –Effects of Taxation – On Production – On Distribution – Other effects – Value Added Tax – Meaning – Forms of VAT – Merits and Demerits of VAT –GST.

UNIT V - Taxable Capacity & Burden of Taxation

15 Hrs

Absolute taxable capacity and Relative taxable Capacity – Factors determining taxable capacity – India’s taxable capacity – Tax evasion and Tax avoidance – Tax evasion in India

Text Book:

M.Maria John Kennedy. *Public Finance*. New Delhi: PHI Learning PVT Ltd.

Third Edition.2012

Reference Books:

- Dr.D. Amutha. *Money. Banking. International Trade and Public Finance*. New Delhi:Manglam Publications. First Edition. 2017.
- H.L.Bhatia. *Public Finance*. New Delhi: Vikas Publishing House Pvt. Ltd. Ninth Edition.1999
- A.C. Agarwal. *Public Finance*. New Delhi: Lakshmi Narayan Publications. SeventhEdition. 2011
- Musgrave & Musgrave. *Public Finance. Theory and Practice*. New Delhi: McGraw HillBook Co. Thirteenth Edition. 1981
- R.Cauvery. *Public Finance*. New Delhi: S. Chand& Company Ltd. Fifth Edition. 2007

Semester- V			
Core - IX		MONEY AND BANKING -I	
Course Code: 21UECC52	Hours / week :6	Hrs / Sem.: 90	Credits :4

Objectives:

- To give a thorough understanding of money. its functions and of the Monetary system and its control for the better administration of the economy
- Students will develop subject-specific competences:
- knowledge and understanding of the theoretical basis for the origin and essence of money, money circulation, monetary policy, mechanisms of money creation and laws governing the functioning of the money market and monetary aggregates;
- to acquire the practical skills of assessing specific forms and instruments of monetary policies

Course Outcomes:

CO. No	Upon completion of this course. students will be able to	PSO's addressed	CL
CO - 1	able to analyze the theoretical basis and practical implementation of monetary and foreign exchange policy and the adequacy of the current state of the economy and finances of the country and the challenges of development of state and society;	1	Ap
CO - 2	able to assess the effectiveness of implemented monetary and exchange rate policies. Including international benchmarking. Methods of quantifying the money supply. the monetary base and other indicators characterizing the monetary system of the country;	4	Un & An
CO - 3	navigate the legislative and normative acts regulating the circulation of money and the use of instruments in their work;	6	Ev
CO - 4	analyze the proposals of the experts. legislators. government and the central bank with respect to monetary policy and to predict the possible consequences of their implementation	7	Re & Ev
CO - 5	deepening the previously obtained knowledge in the field of economic sciences. knowledge and understanding of the functioning of the monetary system and the currency markets. and of theoretical basis of monetary and exchange rate policies;	5	Ev
CO - 6	provide knowledge and skills in the field of economic theory and practice of implementing monetary policy.	8	An

Semester- V			
Core-IX		MONEY AND BANKING -I	
Course Code: 21UECC52	Hours / week :6	Hrs / Sem.: 90	Credits :4

UNIT I -Money **15 Hrs**

Barter – Meaning and disadvantages – Evolution of money – kinds of money – Functions of money -Qualities of good money material - Advantages and disadvantages of money - Role of Money in Capitalistic and Socialistic economy

UNIT II - Monetary Standards **20 Hrs**

Meaning and types of monetary standards – Gold standard and its working – Causes for the downfall of the Gold Standard – Bimetallism – Silver Standard

UNIT III - Paper Currency Standard **15 Hrs**

Meaning- advantage of paper currency standard- Principles and methods of note issue – History of Indian currency system – Current monetary system in India – Internal and external features of India’s current monetary system-Digital Currency

UNIT IV - Demand for and Supply of Money **20 Hrs**

Supply of Money: Meaning – determinants of money supply –Value of Money – Velocity of Money – Factors governing velocity of circulation of Money-Demand for Money: Meaning – Quantity theory of money- Fisher’s Transaction version – Cambridge Economists’ cash balance version – Friedman’s theory of demand for money.

UNIT V - Theory of Money and Prices **20 Hrs**

Keynesian theory of money and prices – Gurley and Shaw’s thesis on liquidity of money –Rad Cliffe - Sayers thesis – Tobin and Shaw’s theory - Patinkin’s monetary theory - Phillips Curve

Text Book: Dr.D. Amutha. *Money. Banking. International Trade and Public Finance*. New Delhi: ManglamPublications. First Edition 2017

Books for Reference:

1. Jhinghan. M.L. *Monetary Economics*. New Delhi: Virinda Publications. Twentieth Edition 2012
2. Mithani. D. *Money. Banking and International Trade*. Mumbai: Himalaya Publications House. Twentieth Edition 2016
3. Cauvery. etal. *Monetary Economics*. New Delhi: S Chand & Company. Third Edition (2010)
4. Sankaran. S. *Monetary Economics*. Chennai: Margham Publications. Fifth Edition 2015
5. Vaish. M.C. *Monetary Theory*. New Delhi: Vikas Publishing. Fifth Edition 2005
6. Jhinghan. *Monetary Economics*. New Delhi: Vrindha Publications (P) Ltd. 6th Edition

Semester- V			
Core - X		INTERNATIONAL ECONOMICS	
Course Code: 21UECC53	Hours / week :5	Hrs / Semester: 75	Credits :4

Objectives:

- To understand the theories governing international trade
- To evaluate the policies pursued by various economic bodies in international economic transactions.

Course Outcomes

CO. No.	Upon completion of this course. students will be able to	PSO's addressed	CL
CO - 1	describing the benefits of international trade and defects	1	Un
CO - 2	familiar with the main economic theories and models of international trade.	2	Un
CO - 3	To get aware of the likely distributional consequences of trade and thus of conflicting interests within an economy regarding trade liberalization.	4	Un & Ev
CO - 4	understand economists' arguments concerning trade policy and its analysis.	7	Un & Ap
CO - 5	Apply economics to issues of the day reasoning surrounding globalization	8	Ap
CO - 6	have an elementary understanding of open-economy macroeconomics and the determinants of exchange rates and the balance of payments.	5	Un

Semester- V			
Core -X		INTERNATIONAL ECONOMICS	
Course Code: 21UECC53	Hours / week :5	Hrs / Semester: 75	Credits :4

UNIT I- Concept of International Trade and Classical Theories **15 Hrs**

Nature of International Trade – Internal and International Trade – Classical theory of International trade: Adam Smith’s Absolute Advantage Theory – Ricardo’s Comparative Cost Theory – Mill’s Theory of Reciprocal Demand.

UNIT II -Modern Version of Theories of International Trade **15 Hrs**

Haberler’s Opportunity Cost Theory– Heckscher – Ohlin Theory of Factor Endowment – Marshall-Edgeworth Offer Curves – Gains from international trade – The Terms of Trade: Concepts and Measurement.

UNIT III - Exchange Rate Control **15 Hrs**

Exchange Rate: Definition – Types of Exchange Rate: Fixed Vs Flexible Exchange Rate – Theories of Foreign Exchange Rate: The Mint-Parity Theory – The Purchasing PowerParity Theory – Balance of payment Theory.

UNIT IV -Balance of Trade and Balance of Payments **15 Hrs**

Balance of Trade – Balance of Payments – Current Account - Capital Account – Visible and Invisible – Causes for Disequilibrium in Balance of Payments – Methods of correcting the disequilibrium – Devaluation of Currency – Convertibility of Currency: PartialAccount and Full Account

UNIT V - International Economic Institutions **15 Hrs**

Free Trade vs Protection – Tariffs – Quotas – International Economic Institutions:IMF, IBRD, WTO & UNCTAD – Trade blocs: EU, OPEC, SAARC, ASEAN, BRICS, STEC and RCEP.

Text Book: Devairakkam. *International Economics*, Tirunelveli. D.S.R.Publications. ThirdEdition, 2001

Reference Books:

1. Dr.D. Amutha. *Money. Banking. International Trade and Public Finance*. New Delhi:Manglam Publications. First Edition. 2017.
2. Soderston. *International Economics*. London: The Macmillan Press Ltd. Tenth Edition.1991
3. D.M. Mithani. *International Economics*. New Delhi: Himalayas Publishing House.Thirteenth Edition. 2003.
4. Dr. Singh & Dr. Agarwal. *International Economics*. Meerut. Sanjeeva Prakashan.Publications. First Edition. 2001

Semester- V			
Core Elective		ECONOMICS OF WASTE MANAGEMENT	
Course Code: 21UECE51	Hours / week : 5	Hrs / Semester: 75	Credits :4

Objectives:

1. To characterize the waste and apply the knowledge of laws for municipal solid wastemanagement for handling of biomedical wastes and for handling of plastic wastes.
2. To apply the knowledge for effective solid waste collection systems for waste collection routeoptimization and for processing of solid waste.
3. To design composting systems maintain and operate the aerobic and anaerobic compostingprocess for effective organic waste recycling.
4. To manage construction and operations of landfill facilities, energy recovery systems andmanagement of leachate systems.

Course Outcomes

CO. No.	Upon completion of this course. students will be able to	PSO's addressed	CL
CO -1	Describe the components of solid waste managementand the laws governing it.	2	Un
CO -2	Discuss the solid waste collection systems. route optimization techniques and processing of solid wastes.	4	Un
CO -3	Outline the design, operation and maintenance ofdifferent methods of treatment.	6	Ap
CO -4	Explain the operation. and maintenance of sanitarylandfill	7	Un
CO -5	Examine the operation and maintenance of Incineration	6	Un & Ev
CO -6	Conclude the recent trends in reuse of solid waste	5	Un & Ev

Semester- V			
Core Elective	ECONOMICS OF WASTE MANAGEMENT		
Course Code: 21UECE51	Hours / week : 5	Hrs / Semester: 75	Credits :4

UNIT I- Municipal Solid Waste Management **15 Hrs**

Composition and Quality of the Generated Municipal Solid Waste- Collection & Transportation of Municipal Solid Waste – Separation for Recycling and Reuse of Plastics, Paper and Glass from the Municipal Solid Waste (MSW).

UNIT II - Industrial Waste management **15Hrs**

Classification of Industrial Solid Waste and Extent of Generation of Industrial Waste in India- Storage – Transportation and Disposal of Industrial Solid Wastes

UNIT III - Biomedical Waste Management **15 Hrs**

Biomedical Wastes and their Impacts on Human Health and Environment – Legislative Laws on Management of Biomedical Wastes in India – Colour Coding of Biomedical Wastes and their collection in Different Coloured Bins or Bags-Collection of Sharp Wastes- Labelling and Identification of Biomedical Wastes- Storage of Biomedical Waste-Transportation of Biomedical Wastes to the Treatment and Disposal Sites- Treatment and Disposal of Biomedical Wastes.

UNIT IV - Radioactive Waste Management **15Hrs**

Radioactive Isotopes or Radionuclides- Nuclear Fission and Generation of Nuclear Power-Radioactive Disintegration and Radioactive Radiations – Impact of Radioactivity on Biological Environment – Sources of Radioactivity in the Environment – Classification of Radioactive Wastes and their Disposal

UNIT V - E – Waste Management **15 Hrs**

Definition of E –Waste – Classification of E-Waste- Adverse Health Environmental Impacts of E-Waste and Its Improper Disposal – Menace of E-Waste in India.

Text book:

Manual on Municipal Solid waste Management. New Delhi: CPHEEO. Ministry of Urban Development. Govt. Of. India. 2000.

Reference Books:

1. Tchobanoglous Thiesen Ellasen; *Solid Waste Engineering Principles and Management.* New Delhi: McGraw Hill Publications. 1997.
2. R.E.Landrefh and P.A.Rebers. *Municipal Solid Wastes-Problems & Solutions.* New Delhi: Lewis Publications. 1997.
3. Blide A.D.& Sundaresan. B.B. *Solid Waste Management in Developing Countries.* New Delhi: INSDOC Publications. 1993.

Semester- V			
Core Elective		ENERGY ECONOMICS	
Course Code: 21UECE52	Hours / week : 5	Hrs / Semester: 90	Credits :4

Objectives:

- To understand the energy and environmental issues
- To grasp how the energy sector contributes to the growth of the Indian Economy.

Course Outcomes

CO. No.	Upon completion of this course. students will be able to	PSO's addressed	CL
CO - 1	deliver the importance of nature & scope of energy Economics	2	Un
CO - 2	give sound information on ONGC. OPEC. OAPEC. IEA and World Bank.	4	Un
CO - 3	understand the basics of energy resources and understand the usage of energy supply and demand.	7	Un
CO - 4	understand the classification and importance of energy resources	6	Un
CO - 5	know about the consequences and remedial measures of environmental crisis	7	Un & Ev
CO - 6	know about the impact of energy consumption on production and environment.	1, 7	Ap

Semester- V			
Core Elective	ENERGY ECONOMICS		
Course Code: 21UECE52	Hours / week : 5	Hrs / Semester: 75	Credits :4

UNIT I - Introduction to Energy Economics **15 Hrs**

Define Energy Economics; Energy Resources and Energy Commodities; Properties of Energy Resources and Energy Commodities; Law of Thermodynamics; Energy Conversion Processes; Energy Conservation and Energy Efficiency

UNIT II - Economics of Energy Supply **15 Hrs**

Classify energy on the basis of sources – renewable or non-renewable; worldwide energy supply – by country; sources of energy supply –Fossil fuels (coal, oil, natural gas). Renewable energy (Hydro, Marine, wind, solar, Geo thermal, bio). Nuclear power; Trend and Patterns of energy production; Social, Economic and Environmental Effects of Energy Production- Life Cycle of Energy Sources

UNIT III - Energy Demand **20 Hrs**

Demand for Energy as a Derived Demand; Demand Substitution among Energy Commodities; The Increasing Global Demand for Energy– Causes and Impact of increase in Demand for Energy; World Energy Consumption – Economic Growth and World Energy Consumption by Source; Energy Consumption by End-use Sector (Buildings Sector, Industrial Sector. Transportation Sector)

UNIT IV -Trends in Energy Conservation **15 Hrs**

Trend and Patterns of Energy Consumption; Empirical Estimation of Economic Growth and Energy Consumption; Empirical Demand Projection for Energy Sources – Regression Technique

UNIT V - Energy Crisis **10 Hrs**

Understanding the Energy Crisis– Past to Present; the International Energy Crisis of the 1970s–Causes. Effects and Solutions to the Global Energy Crisis; Energy Crisis and Solution in India

Text Book: Karpagam. M. *Environmental economics*. New Delhi: Sterling Publications. Third Edition. 1991

Books for Reference:

1. Agarwal. M.C.. and Mongo. J. R. *Economic and Commercial Geography*. New Delhi: National Publishing House. Fifth Edition 1992
2. Agarwal. S.K. *Environment and Natural Resources Economics*. London: Scott Foresman & Co. Publications. Thirteenth Edition. 1985
3. Common. M. *Environmental and Resource Economics*. London: Longman Publications. Third Edition 1996
4. Paul Stevens (Ed) *The Economics of Energy. Vol. 1 and II*. New Delhi: Edward Elgar Publications. Second Edition 2000

Semester- V	
Self-Study or On-Line Course (Optional) Self-Employment	
Course Code: 21UECSS3	Credits :2

Objectives:

- To develop and adopt the various skills in the students for develop their career and take the self-employment skills.
- “Self-employment is the best employment” to know the advantages of it.
- Employment opportunities and other relevant aspects.

Course Outcomes

CO. No	Upon completion of this course. students will be able to	PSO's addressed	CL
CO - 1	demonstrate an understanding of the qualities necessary for self-employment.	1	Un
CO - 2	discuss the necessary prerequisites for being self-employed and define essential skills for becoming self-employed.	2, 3	An & Ev
CO - 3	describe the basic principles underpinning self-employment. to include business and financial planning, employment legislation. sourcing supports and personal characteristics	1, 8	An
CO - 4	compile a personal profile by exploring skills. personal qualities and characteristics. interests. employment preferences. goals and matching profile to possible self-employment options	3, 6	An
CO - 5	prepare a basic business plan to include the idea for a product or service. a profile of the market or industry in which it could be employed. sources of support. financial implications	5	An
CO - 6	examine the suitability of self-employment as a personal option	2	Ev

Semester- V	
Self-Study or On-Line Course (Optional) Self-Employment	
Course Code: 21UECSS3	Credits :2

UNIT I -Entrepreneurial competencies for Self-Employment

Motivating youth for self-employment as career option - Understanding behavioural competencies for self-employment- developing behavioural competencies for self-employment

UNIT II -Interpersonal Skill Development

Positive Relationship - Positive Attitudes- Empathy -Comprehend other opinions points of views and face them with understanding – Mutuality- Trust - Emotional Bonding- Handling Situations (Interview)

UNIT III -Identification of Business Opportunity

Environmental Scanning for identification and selection of business opportunity- Divergent Thinking Mode: Meaning and Objectives –Tools and Techniques. Convergent Thinking Mode: Meaning and objectives -Tools and Techniques.

UNIT IV - Financial Assistance for Small Enterprise

Non-Institutional: own Fund –Family and Friends. Institutional: (a) Bank Loans Co- operative Banks-Nationalized Bank – Scheduled Banks. (b) Angel Funding (c) MUDRAS – Recent Initiatives- Start up India-Make in India (d) Self-employment Schemes of Government (e) Government Financial Institutions: Khadi and Village Industries Board (KVIB) –Micro, Small and Medium Enterprises (MSME) - Rajeev Gandhi Udyami Mitra Yojana (RUGMY) -District Industries Centre (DIC) - Prime Minister Employment Generation Programme (PMEGP). – Seed Capital Schemes.

UNIT V - Field Studies

Study of the organizations engaged in self-employment activities- Study of the BusinessEnterprises of the self-employed persons.

Text book: Dr.D. Amutha. *Empowerment of Self-Help Groups and Women Entrepreneurship*. New Delhi:Manglam Publications. First Edition 2013.

Reference Books:

1. Vasant Desai. *Dynamic of Entrepreneurial Development and Management*: New Delhi:Himalaya Publishing House. First Edition. 2007
2. Center for Distance Education. *Fundamentals of Entrepreneurship*: Kolhapur: ShivajiUniversity. Third Edition. 2012.
3. S. Mohan and R. Elangovan. *Current Trends in Entrepreneurship*: New Delhi: Deep and DeepPublication. Second edition.2006.
4. Young. F.W. *Entrepreneurship and Economic Development*. New York. Free Press. ThirdEdition. 1971.

Semester- VI			
Core XI		FISCAL ECONOMICS -II	
Course Code: 21UECC61	Hours / week :6	Hrs / Semester: 90	Credits :4

Objectives:

- Provide the knowledge on basic financial procedure of the government.
- To develop the ability of the students to understand and to make research in finance and economics and the skills to apply those concepts to the making of intelligent decisions for themselves in public sector and business life.

Course Outcomes

CO. No	Upon completion of this course. students will be able to	PSO's addressed	CL
CO - 1	Differentiate public finance and private finance and explain tax and non- tax revenue, differentiate between direct and indirect tax and explain shifting of taxation and effects of taxation	4	Un & An
CO - 2	classify the public revenue and its various sources; revenue receipts and non- revenue receipts. understand the tax and non-tax revenue.	6	Ev
CO - 3	describe how and in which manner government spends, explain the causes of increasing public expenditure in the modern economies. explain the varying effects of public expenditure on the economy and role of public expenditure in a developing economy.	4	Ev
CO - 4	identify the measures to reduce public expenditure and explain the methods to repay public debt.	5, 8	An & Ev
CO - 5	describe the government budget. explain different types of budgets such as balanced and unbalanced budget and know the budgetary procedure.	1, 6	Ev
CO - 6	analyse the latest government budget allotment	2, 5	An

Semester- VI			
Core - XI		FISCAL ECONOMICS -II	
Course Code: 21UECC61	Hours / week :6	Hrs / Semester: 90	Credits :4

UNIT I - Public Debt **15 Hours**

Meaning and Classification – Need for Public Borrowing – Effects of Public Debt on production consumption and distribution - Burden of Public Debt– Redemption of Public Debt –Growth of Public Debt in India.

UNIT II - Budgeting **20 Hours**

Meaning and components of Government budget- Revenue and Capital Budget – Characteristics of a sound budget– Budgetary procedure in India - A Review of the latest Union Budget

UNIT III - Deficit financing and Fiscal Policy **15 Hours**

Deficit financing - Meaning - Objectives– Fiscal Policy-Meaning and Objectives-Instruments of Fiscal Policy –Role of Fiscal Policy in Indian Economy

UNIT IV - Local finance **20 Hours**

Functions and Resources of Local Bodies – Zilla Parishads - Panchayat Smithies-Gram Panchayats- Blocks- Town Panchayats - Municipal Corporations - A Critique

UNIT V - Federal Finance **20 Hours**

Centre-State Financial relations – Role of Finance Commissions – 15th FinanceCommission recommendations- Merits and Demerits

Text Book:

B.P.Tyagi. *Public finance* JAI Prakash Nath& Co.. Thirteenth Edition. 2007

Books for Reference:

1. Dr.D.Amutha. *Money. Banking. International Trade and Public Finance*. New Delhi: ManglamPublications. First Edition. 2017.
2. H.L.Bhatia. *Public Finance*. New Delhi: Vikas Publishing House Pvt. Ltd. Tenth Edition. 1999
3. R.C. Agarwal. *Public Finance: Theory and Practice*. Agra: New Delhi: Lakshmi NarayanPublications. Tenth Edition. 2006.
4. Musgrave & Musgrave. *Public Finance -Theory and Practice*. New Delhi: McGraw Hill BookColtd. Ninth Edition. 1981
5. R.Cauvery. *Public Finance*. New Delhi: S. Chand & Company Ltd. Tenth Edition. 2007

Semester- VI			
Core - XII		MONEY AND BANKING –II	
Course Code: 21UECC62	Hours / week :6	Hrs / Sem.: 90	Credits :4

Objectives:

- To advance relevant knowledge and develop employable, innovative and diverse graduates to co-create value for society.
- To make the students be at the cutting edge of economic, financial and management education, research and community engagement within the national and global context.

Course Outcomes

CO. No	Upon completion of this course. students will be able to	PSO's addressed	CL
CO - 1	explain and discuss why people hold money and why it is used in the trading process.	2	Un & Re
CO - 2	provides students with theoretical building blocks that are needed for an understanding of the monetary theories and solve macro-economic models and assess the role and efficacy of monetary policy for various types of models in both classical and Keynesian set-ups.	4, 8	Ev & Ap
CO - 3	describe and explain the main channels of the monetary transmission mechanism. through which monetary policy can have real effects on the economy.	5	Ap
CO - 4	discuss the merits and disadvantages of different monetary policies used by Central Banks and discuss the present status of monetary policy.	2, 6	Un
CO - 5	understand and appreciate the relationship between money and inflation.	5	Un
CO - 6	develop understanding of the uncertainties policy-makers face and suggest remedies for policy makers to deal with these.	6	Un & Cr

Semester- VI			
Core - XII		MONEY AND BANKING –II	
Course Code: 21UECC62	Hours / week :6	Hrs / Sem.: 90	Credits :4

UNIT I- Evolution of Banking **15 Hrs**

Evolution of banks – Unit Banking - Branch Banking- Group Banking- chain Banking. Mixed Banking- Correspondent Banking - Merits and demerits.

UNIT II - Commercial Banking **20 Hrs**

Types of Banks – Organization of Commercial Banks – Functions – Balance sheet of a commercial Bank – Credit creations – Recent Reforms in Banking Sector in India

UNIT III -Central Banking **20 Hrs**

Definition - Functions of a central bank - Credit control – Objectives of credit control – Methods of credit control – Role and functions of the Reserve Bank of India - Recent monetary policy of RBI

UNIT IV -Practical Banking **15 Hrs**

Meaning – Current Account – Savings Bank Account – Negotiable Instruments: Cheque, Draft, and Bills of exchange – ATM – E- Banking

Practical: To Open an account- To cross the Cheque- To fill up demand draft form. Online Banking-Debit card – Credit Card-

UNIT V - Money Market and Capital Market **20 Hrs**

Money market: Meaning – features of Indian money market -characteristics and constituents- functions - Capital Market: Meaning- features- functions of Indian capital market – Working of Capital Markets in India - Stock Exchange Market: Meaning- Concepts: securities- shares- bonds- debentures- Bull- Bear -London Stock Exchange Market -National Stock ExchangeMarket - Bombay Stock Exchange Market

Text Book

Jhinghan. M.L. *Monetary Economics*. New Delhi: Virinda Publications. Thirteenth Edition 2012

Books for Reference:

1. Dr.D. Amutha. *Money. Banking. International Trade and Public Finance*. New Delhi:Manglam Publications. First Edition 2017.
2. Mithani. D. *Money. Banking and International Trade*. Mumbai: Himalaya Publications House.Thirteenth Edition 2016.
3. Dr. Cauvery. etal. *Monetary Economics*. New Delhi: S Chand &Company. Fifth Edition 2010
4. Sankaran. S. *Monetary Economics*. Chennai: Margham Publications. Third Edition 2015
5. Vaish. M.C. *Monetary Theory*. New Delhi: Vikas Publishing. Fifth Edition 2005

Semester- VI			
Core -XIII		GROWTH AND DEVELOPMENT	
Course Code: 21UECC63	Hours / week :6	Hrs / Semester: 90	Credits :4

Objectives:

- To relate theoretical concepts in economic development and growth
- To grasp how the planning contributes to the growth of the Indian Economy.

Course Outcomes

CO. No.	Upon completion of this course. students will be able to	PSO's addressed	CL
CO -1	understand the concept of economic growth and development and understand India's stage of economic growth.	2	Un
CO -2	Identify India's achievements and failures in Five Year plans and describe the nature and meaning of economic development or underdevelopment. both in general. and as applied to people in specific developing countries.	4	Un & An
CO - 3	illustrate how economics can be used to create or analyse alternative approaches to promote development.	6	Ap
CO - 4	explain the major development problems. choices and opportunities currently faced by developing countries.	7, 8	Un
CO -5	select. assess and justify specific policy choices that developing countries might make to achieve their economic and social objectives.	5	Ev
CO - 6	Analyse, synthesise and evaluate information drawn from the available data and appropriate theoretical tools. and to express their ideas orally and in writing.	1, 2 & 6	An, Ev

Semester- VI			
Core - XIII		GROWTH AND DEVELOPMENT	
Course Code: 21UECC63	Hours / week :6	Hrs / Semester: 90	Credits :4

UNIT I -Concepts of Economic Growth and Economic Development **15 Hrs**

Concepts and definitions of Economic growth and development; Growth versus Development - indicators of Economic Growth and Economic Development – Factors affecting Economic Growth; Characteristic features of Underdeveloped Countries.

UNIT II - Growth Models **15 Hrs**

The Classical Harrod - Domar Model; Neo - Classical Solow Model of Long - run Growth; Cambridge Joan Robinson Model of Capital Accumulation; Kaldor Model of Growth.

UNIT III - Theories of Economic Development **20 Hrs**

Karl Marx's theory of Social Change - Surplus Value, Profit and Capitalist Crisis- Leibenstein's Critical Minimum Effort Thesis; Hirschman's Theory of Unbalanced Growth; Gerschenkron's Great Spurt Theory; Myrdal's Theory of Circular Causation.

UNIT IV - Human Capital Formation **20 Hrs**

Population growth and its effects on Economic Development; Human Capital Formation and its role in economic development- Population – Health – Education –Sanitation -Per capita Income

UNIT V -FDI and MNCs **20 Hrs**

Importance of Foreign Trade in Economic Development – FDI. FII: role and importance - Role of Foreign Capital and Aid in economic development; MNCs – role and contribution to economic development.

Text Book: Dr.D. Amutha. *Development Economics: Theory and Practice*. New Delhi: Manglam Publications.First Edition 2019

Books for Reference:

1. M.L.Jhingan. *Economics of Development and Planning*. New Delhi: Vrinda Publications P.Ltd.Second Edition 2016
2. B.C. Tandon. *Economic Planning: Theory and Practice*. Allahabad: Chaitanya PublishingHouse. Sixth Edition. 1971
3. Misra and Puri. *Economics of Development and Planning*. New Delhi: Himalaya PublishingHouse. Sixth Edition 2014
4. W.A.Lewis. *Development and Planning*. New Delhi: George Allen & Unwin Publications.Second Edition 1963
5. Kindleberger. *Economic Development*. New York: McGraw Hill. First Edition 1965

9SEMESTER- VI			
Core – XIV		SHIPPING MANAGEMENT	
Course Code: 21UECC64	Hours / week :6	Hrs / Semester: 90	Credits :4

Objectives:

- To enable the students to understand the economics of port and Port Procedure.
- To make the students to understand the various components of sea transport and to give an overview of port and shipping industry.

Course Outcomes

CO No.	Upon completion of this course. students will be able To	PSO's addressed	CL
CO 1	understand the economic aspects of maritime trade and shipping market.	2	Un
CO 2	analyse the relationship between shipping and the shape and development of the world economy.	5	Ap
CO 3	attain historic knowledge about how economic growth. international trade. and geopolitics have impact on demand for shipping services.	7	Un
CO 4	have knowledge on the different shipping markets and the fundamental factors that shape supply and demand in these markets.	4	Un
CO 5	analyse the market structure, geographic structure, development and profitability of the different parts of the maritime industry.	6	Ap
CO 6	calculate break-even rates for ships and calculate tonnage demand for a specific project based on given assumptions.	1, 6	Un

SEMESTER- VI			
Core – XIV		SHIPPING MANAGEMENT	
Course Code: 21UECC64	Hours / week :6	Hrs / Semester: 90	Credits :4

UNIT I -Water Transport in Economic Development **15 Hrs**

Meaning - Modes of Water Transport - Water Transport in India - Share of Different Modes of Transport - Port Performance - India's Maritime Trade - Development of Port Sector in India - Exports & Imports

UNIT II - Ports in Economic Development **20 Hrs**

Meaning - Type of Ports - Importance of Ports in India - Major ports - Minor Ports - Factors that have led to inefficiencies in the Indian Ports - Models for Port Structuring - History of Ports in India - Global Scenario - Economics of Port and Port Procedure

UNIT III - Shipping in Economic Development **15 Hrs**

Shipping economics - Meaning - Shipping Rates- Liners and Tramps- Competition and Shipping conferences - Development of Indian shipping -Current Problems - Shipping Policy and Five Years Plans- Chartering Business- Containerization

UNIT IV - The Economic Importance of Shipping **20 Hrs**

The Role of Seaborne Trade in Economic Development- Technical Revolutions in Shipping - The Demand for Sea Transport - Seaborne Trade by Economic Activity - Parcel Size and Transport Mode - Definition of 'Bulk Cargo' - Categories of Bulk Cargo - Transport of Bulk and General Cargo - Definition of 'General Cargo' – Classes of General Cargo - Limitations of Seaborne Trade

UNIT-V: The Role of Ports in the Transport System **20 Hrs**

Types of Ship in the Cargo Fleet - The Supply of Sea Transport - The Bulk Shipping Industry - The Liner Shipping Industry - Levels of Port Development - Functions of Various Authorities in Shipping - Port Trust – Customs - Mercantile Marine Department - Shipping Policy -Government policy in India & other countries towards shipping

Text Book:

Dr.D. Amutha. *Shipping Economics*. Red Flower Publication Pvt. Ltd.. New Delhi. First Edition 2018

Reference Books:

1. Stopford. M. *Maritime Economics*. London and New York: Routledge Taylor & Francis Group Publication. 2nd Edition. 1997.
2. French. L. (2006) *The International Elements of Shipping*. London: Euromoney Institutional Investor Publication. Third Edition. 2006
3. Patrick Alderton. *Reeds Sea Transport*. New Delhi: Himalaya Publishing House. Second Edition. 1998

Semester- VI			
Core - XV		Industrial Economics with Internship	
Course Code: 21UECC65	Hours / week :6	Hrs / Semester: 90	Credits :4

Objectives:

- To understand the concepts, methodology and the laws related to industries.
- To make students to understand the economic objectives and the behavior of the industrial workers
- Provide students with the analytical skills required for understanding problems in industrial Economics, including applications of game theory
- Examine the key questions on the internal organisation of firms

Course Outcomes

CO. No	Upon completion of this course. students will be able to	PSO's addressed	CL
CO - 1	Understand Industrial growth and pattern and the role of Industrialization in Economic Development.	2	Un
CO - 2	Identify the determinants of Industrial location. Technical, economic, infrastructural and other factors.	4	Ap
CO - 3	Have an in-depth knowledge about Industrial productivity. its measurement. scope and significance.	6	Un
CO - 4	Apply knowledge of actual markets and firms within the context of the relevant theories and policies	4	Ap
CO - 5	apply analytical models of firm behaviour and strategic interaction to evaluate various business practices, including tacit collusion, entry deterrence, product differentiation, price discrimination and vertical restraints	1, 2	Ap
CO - 6	Analyse various aspects of strategic interaction between firms. Describe and explain the pricing behaviour by firms with market power and its welfare implications	6	Un & Ap

Semester- VI			
Core – XV		INDUSTRIAL ECONOMICS WITH INTERNSHIP	
Course Code: 21UECC65	Hours / week :6	Hrs / Semester: 90	Credits :4

UNIT I -Framework of Industrial Economics 20 Hrs

Concept and Organization of a Firm – Ownership - Control and Objectives of the Firm-Mergers and Acquisitions: Types - Effects and Problems- Diversification- Strategic Alliance.

UNIT II - Theories of Industrial Location 20 Hrs

Industrial location - General determinants – Theories: Weber and Sargent Florence - Industrial Productivity – Concept and Measurement – Tools of Industrial Productivity – Productivity Trends.

UNIT III -Industrial Finance 15 Hrs

Importance of industrial finance – Role - Nature and Sources of Industrial Finance –Financial Statement – Balance sheet - Profit and Loss Account - Assessment of Financial Soundness - Ratio Analysis - Specialized Financial Institutions – IFCI – IDBI – ICICI

UNIT IV - Indian Industrial Growth 20 Hrs

Classification of Industries; Large, Medium and Small Scale Industries - Role of Public and Private Sector - MNCs and Transfer of Technology - Regional Industrial Growth in India- Industrial Economic Concentration and remedial measures - Competition Act

UNIT V - Industrial Policies 15 Hrs

Industrial Policies – 1948, 1956, 1971, 1977, 1990, 1991 & 2001- System & Objectives of Industrial Licensing – Industrial Development and Regulations Act 1951 – MRTP ACT of 1969 – FERA & FEMA

Text Book: Dutt and Sundaram. K.P.M.. *Indian Economy*. New Delhi: S.Chand & Co. Tenth Edition. 2004.

Books for Reference:

1. Barthwal. R.R.. *Industrial Economics an Introductory. Text Book*. New Delhi: Wiley Eastern Ltd.. Second Edition. 2000.
2. Sivayya. K.V. and Das. V.B.M.. *Indian Industrial Economy*. New Delhi: S. Chand & Co. Second Edition 2004
3. Devine. P.J.. *An Introduction to Industrial Economics*. London: George Allen and Unwin. Second Edition 1978
4. Sadhu. A.N.. and Singh. A.. *Industrial Economics*. New Delhi: Himalaya Publishing Stone. Third Edition 1988
5. Dhingra. I.C.. *Indian Industrial Economy*. New Delhi: Sultan Chand & co. First Edition 1972

Semester- VI			
Core –XV		Group Project	
Course Code: 21UECP61	Hours / week :6	Hrs / Semester: 90	Credits :4

Objectives:

- Facilitate quick understanding of complex data.
- Applies the research strategy in real life situation

Course Outcomes

CO. No	Upon completion of this course. students will be able to	PSO's addressed	CL
CO 1	Understand research design and critically assess contributions to the literature.	2	An
CO 2	attain the skills needed to formulate and analyse models used in the particular field of Economics.	3, 4	Ap
CO 3	prepare and present original research papers in the particular field.	6	Cr
CO 4	improve generic skills like oral communication and written communication.	6, 8	Ap
CO 5	perform the interpretation and analysis of data.	1	An
CO 6	originate clarification and present the research report.	2, 6	Ev & Cr

Semester- VI			
Core XV		Group Project	
Course Code: 21UECP61	Hours / week :6	Hrs / Semester: 90	Credits :4

Group Project work submitted by the students would be evaluated by external examiner appointed by the University for Marks of 100; remaining 100 marks would be given by internal examiner as per the rules and regulation of the university.

Guidelines for the project work of the UG

programme in Economics

The students are expected to carry out a project work in the last Semester. It is equivalent to a core course. For maintaining uniformity and quality in its preparation the Board of Studies has prepared clear guidelines.

The scheme and syllabus of the B.A. Programme in Economics under the CBCS suggests that students shall do a final research project for attaining intellectual maturation. The project is a major document that reflects the skills of the student to investigate critically a topic/problem the ability to gather and analyze information and to present and discuss the results/investigation concisely and clearly. The guidelines to be followed in the preparation and submission of the project are as given here under.

1. The students may choose any topic from the subject she has studied including the social and economic issues in the local/regional context.
2. The project work should be supervised by a faculty.
3. The students shall prepare and submit the project report to the Institution
4. The report with around 40 A4 size pages (excluding preliminary pages) with at least 20 lines per page on one side of the paper only. The report should be bound (spiral or other ways).
5. The project report should be submitted to the Department within the date announced by the Controller of Examinations
6. The student shall prepare two copies of the report; one copy for submitting to the Institution and one copy for personal reference.
7. **Structure of the project report:**
 - Title page
 - Certificate by the students
 - Acknowledgements
 - Contents
 - List of Tables and graphs
 - List of Acronyms used
 - Chapter 1: Introduction (which includes importance of the study, objectives of the study, methodology and data source, Chapter frame, Concepts used and limitations of the study etc.)

- Chapter II: Review of Literature
- Chapter III: Profile of the study area (Optional)
- Chapter IV: Data Analysis (Core of the report)
- Chapter V: Summary of Findings and Conclusions
- Appendix: Questionnaire/Schedule other exhibits etc.
- Select Bibliography (In referencing and bibliographic preparation. the APA(American Psychological Association) style sheet is recommended.

8. A project work must be the student's own work and must not contain any plagiarized material.
9. Evaluation of the project report: The project report shall be subject to both internal and external evaluation.
10. The internal as well as external evaluation shall be done by the Guide and External Examiners. This component is examined on the basis of the students' awareness in the research process and its methodology. An objective multiple-choice Question Bank developed for the course may be used for internal evaluation.
11. The external assessment of the project is based mainly on the written material. Accordingly the examiners' assessment of the project work will be based on a variety of features. These include amongst others:
 - Understanding of the topic
 - Methodology used. the standard of presentation
 - the adequacy of the literature survey and data search
 - Integration with literature; interpretation of data and results
 - Ability to explain findings; originality the correct usage of referencing system