

**MOTHER TERESA WOMEN'S UNIVERSITY**  
**KODAIKANAL – 624 102**

**B.A. ECONOMICS**  
**UNDER CBCS**  
(with effect from 2021-2022)



**DEPARTMENT OF ECONOMICS**

**MOTHER TERESA WOMEN'S UNIVERSITY, KODAIKANAL – 624 102**  
**DEPARTMENT OF ECONOMICS**  
**Choice Based Credit System (CBCS)**  
**(2021 -2022 onwards)**  
**B.A. ECONOMICS**

**1. About the Programme:**

B.A. (Economics) is a 3-years graduate degree course divided into 6 semesters, each semester spanning 6 months. The Economics as a branch of knowledge is growing in its significance in terms of practical applications. A wide range of its quantitative and qualitative tools necessary to understand the working of economic systems are helping to solve a wide area of real world issues. The knowledge on the subject enhances the critical thinking skills and quantitative reasoning, sharpens the ability to reason, provide a specialised knowledge and problem solving skills. All these are directed to attain the goals of social justice, equity and market intervention strategies helps to make the learner skills relevant to the requirements of the economist and in shaping macro environment. The course is designed to train students to analyse concepts and processes of the economy by educating them in areas such as Micro economics, Macroeconomics, Planning and Development, Monetary economics, Public Finance, International Economics, Indian Economic development etc. The undergraduate Programmes will prepare the students for both, academia and employability. The students can seek a career in the prestigious establishments like R.B.I., Planning Commission, Planning Board, Ministry of Economic affairs and the Indian Economic Service etc.

**2. Programme Educational Objectives (PEOs)**

PEO1	To apply Economic theories and make the students to understand the practical knowledge on present Economic System.
PEO2	To utilise the Economic concepts in the day-to-day life for better living.
PEO3	To Create strong subject knowledge in Economics to develop and uplift the Society
PEO4	To enhance the Entrepreneurial skills with Communication to excel their profession
PEO5	To train the students in Industrial, Agricultural and Service sector economics. This will be helpful for them to get into the concern sector for their Job Oriented goals.

**3. Eligibility:**

Candidate should have passed the 10<sup>th</sup> +2 from higher secondary examination Board or CBSE or other equipment examination.

**4. General Guidelines for UG Programme**

- i. **Duration:** The programme shall extend through a period of 6 consecutive semesters and the duration of a semester shall normally be 90 days or 450 hours. Examinations shall be conducted at the end of each semester for the respective subjects.
- ii. **Medium of Instruction:** English
- iii. **Evaluation:** Evaluation of the candidates shall be through Internal Assessment and External Examination.

- **Evaluation Pattern**

Evaluation Pattern	Theory		Practical	
	Min	Max	Min	Max
Internal	10	25	10	25
External	30	75	30	75

- **Internal (Theory): Test (15) + Assignment (5) + Seminar/Quiz(5) = 25**
- **External Theory: 75**

- **Question Paper Pattern for External examination for all course papers.**

**Max. Marks: 75**

**Time: 3 Hrs.**

S.No.	Part	Type	Marks
1	A	<b>10*1 Marks=10</b> Multiple Choice Questions (MCQs): 2 questions from each Unit	<b>10</b>
2	B	<b>5*4=20</b> Two questions from each Unit with Internal Choice (either / or)	<b>20</b>
3	C	<b>3*15=45</b> Open Choice: Any three questions out of 5 : one question from each unit	<b>45</b>
Total Marks			<b>75</b>

**\* Minimum credits required to pass: 156**

- **Project Report**

A student should select a topic for the Project Work at the end of the third semester itself and submit the Project Report at the end of the fourth semester. The Project Report shall not exceed 75 typed pages in Times New Roman font with 1.5 line space.

- **Project Evaluation**

There is a Viva Voce Examination for Project Work. The Guide and an External Examiner shall evaluate and conduct the Viva Voce Examination. The Project Work carries 100 marks (Internal: 25 Marks; External (Viva): 75 Marks).

## 5. Conversion of Marks to Grade Points and Letter Grade

**(Performance in a Course/ Paper)**

Range of Marks	Grade Points	Letter Grade	Description

90 – 100	9.0 – 10.0	O	Outstanding
80-89	8.0 – 8.9	D+	Excellent
75-79	7.5 – 7.9	D	Distinction
70-74	7.0 – 7.4	A+	Very Good
60-69	6.0 – 6.9	A	Good
50-59	5.0 – 5.9	B	Average
40-49	4.0 – 4.9	C	Satisfactory
00-39	0.0	U	Re-appear
ABSENT	0.0	AAA	ABSENT

## 6. Attendance

Students must have earned 75% of attendance in each course for appearing for the examination. Students with 71% to 74% of attendance must apply for condonation in the Prescribed Form with prescribed fee. Students with 65% to 70% of attendance must apply for condonation in the Prescribed Form with the prescribed fee along with the Medical Certificate. Students with attendance lesser than 65% are not eligible to appear for the examination and they shall re-do the course with the prior permission of the Head of the Department, Principal and the Registrar of the University.

## 7. Maternity Leave

The student who avails maternity leave may be considered to appear for the examination with the approval of Staff i/c, Head of the Department, Controller of Examination and the Registrar.

## 8. Any Other Information

In addition to the above mentioned regulations, any other common regulations pertaining to the UG Programmes are also applicable for this Programme.

## 9. Programme Outcomes (POs)

On completion of the programme, the students will be able to

PO 1	Enable to understand the basic Economic concepts and apply in the day to day life for better living.
PO 2	Enable the students to meet the specified needs to resolve complex economic problems
PO 3	Enable the students to find solutions for complex economic issues.
PO 4	Enable the students to understand the application of Statistics in Economics
PO5	Enable the students to adopt the techniques to understand resource allocation and Macro Economic policies in Indian Economy.
PO6	Enable the students to understand the computer application in Economics
PO7	Show Continuous improvement in their professional career through life-long learning, appreciating human values and ethics.

**10. Programme Specific Outcomes (PSOs)**

On completion of the programme, the students will be able to

PO 1	Gain knowledge in Economics and creation of domain knowledge will be effectively served to the students to understand the Society, Societal complex problems and for attainment of Comprehensive Solutions.
PO 2	Gain basic knowledge in Economics, Mathematics, Statistics and Accountancy. This type of getting knowledge may helpful to students to clear any kind of basic Competitive Examinations.
PO 3	Understand the importance of business in economic development and learn the Business Environment and Policy.
PO 4	Utilise Entrepreneurial skills with Communication to excel their profession in the competitive world.
PO 5	Acquire knowledge in contemporary economic issues and problems and find solutions to solve the economic problems.

**B.A. (ECONOMICS) CURRICULUM**

Course code	Title of the course	Credits	Hours		Int	Ext	Total
			T	P			
<b>FIRST SEMESTER</b>							
U21LTA11	<b>Part I</b> Tamil I / French I	3	6	-	25	75	100
U21LEN11	<b>Part II</b> Communicative English I	3	6	-	25	75	100
U21ECT11	<b>Core I</b> Micro Economics–I	4	5	-	25	55	100
U21ECT12	<b>Core II</b> Economics of Planning and development	4	6	-	25	55	100
U21ECA11	<b>Allied I</b> Economic Statistics–I	4	5	-	25	75	100
U21EVS11	Environmental Studies	2	2	-	25	75	100
U21PEAS11	Professional English-I	4	6	-	25	75	100
<b>Total</b>		<b>24</b>	<b>36</b>				<b>700</b>
<b>SECOND SEMSTER</b>							
U21LTA22	<b>Part I</b> Tamil II / French II	3	6	-	25	75	100
U21LEN22	<b>Part II</b> Communicative English-II	3	6	-	25	75	100
U21ECT21	<b>Core III</b> Microeconomics–II	4	5	-	25	75	100
U21ECT22	<b>Core IV</b> Monetary Economics	4	5	-	25	75	100
U21ECA22	<b>Allied II</b> Economic Statistics-II	4	5	-	25	75	100
U21VAE21	Value Education	3	3	-	25	75	100
U21PEAS22	Professional English- II	4	6	-	25	75	100
<b>Total</b>		<b>25</b>	<b>36</b>				<b>700</b>
<b>THIRD SEMESTER</b>							
U21LTA33	<b>Part I</b> Tamil III/ French III	3	6	-	25	75	100
U21LEN33	<b>Part II</b> General English-I	3	6	-	25	75	100
U21ECT31	<b>Core V</b> Macroeconomics–I	4	5	-	25	75	100
U21ECA33	<b>Allied III</b> Principles of Accountancy–I	4	5	-	25	75	100
U21ECE311/ U21ECE312	<b>Elective I</b> Principles of Management/ Micro Finance and Women Empowerment	3	4	-	25	75	100
U21CSS31	<b>SBE-I Job Oriented Course-I</b> Computer Skills for Office Management	2	-	2	25	75	100
	<b>NME-I</b>	2	2	-	25	75	100
<b>Total</b>		<b>21</b>	<b>30</b>				<b>700</b>
<b>FOURTH SEMSTER</b>							
U21LTA44	<b>Part I</b> Tamil IV/ French IV	3	6	-	25	75	100
U21LEN44	<b>Part II</b> General English II	3	6	-	25	75	100

U21ECT41	<b>Core VI</b> Environmental Economics	4	4	-	25	75	100
U21ECT42	<b>Core VII</b> Macroeconomics – II	4	4	-	25	75	100
U21ECA44	<b>Allied IV</b> Principles of Accountancy-II	4	4	-	25	75	100
U21ECE421 / U21ECE422	<b>Elective II</b> Marketing/ Export Procedure and Documentation	3	3	-	25	75	100
U21MSS42	<b>SBE-II Job Oriented Course-II</b> Managerial Skills	2	-	2	25	75	100
	<b>NME-II</b>	2	2	-	25	75	100
<b>Total</b>		<b>25</b>	<b>31</b>				<b>800</b>
<b>FIFTH SEMESTER</b>							
U21ECT51	<b>Core VIII</b> Indian Economic Development- I	4	5	-	25	75	100
U21ECT52	<b>Core IX</b> Mathematical Economics-I	4	5	-	25	75	100
U21ECT53	<b>Core X</b> International Economics	4	5	-	25	75	100
U21ECT54	<b>Core XI</b> History of Economic Thought	4	5	-	25	75	100
U21ECT55	<b>Core XII</b> Agricultural Economics	4	5	-	25	75	100
U21ECE531/ U21ECE532	<b>Elective III</b> Human Resource Management/ Population Studies	3	3	-	25	75	100
U21ECS53	<b>SBE-III</b> Economics of Tourism	2	2	-	25	75	100
<b>Total</b>		<b>25</b>	<b>30</b>				<b>700</b>
<b>SIXTH SEMSTER</b>							
U21ECT61	<b>Core XIII</b> Indian Economic Development- II	4	5	-	25	75	100
U21ECT62	<b>Core XIV</b> Mathematical Economics-II	4	5	-	25	75	100
U21ECT63	<b>Core XV</b> Public Finance	4	5	-	25	75	100
U21ECT64	<b>Core XVI</b> Industrial Economics	4	5	-	25	75	100
U21ECT65	<b>Core XVII</b> Rural Economics	4	5	-	25	75	100
U21ECE641/ U21ECE642	<b>Elective IV</b> Labour Economics / Health Economics	3	3	-	25	75	100
U21ECS61	<b>SBE-IV</b> Business Communication	2	2	-	25	75	100
U21EAS61	Extension Activities	3	-	-	25	75	100
<b>Total</b>		<b>28</b>	<b>30</b>				<b>800</b>
<b>Grand Total</b>		<b>148</b>	<b>193</b>				<b>4400</b>

**Non-Major Elective**

The candidates, who have joined the UG Programme, can also undergo Non Major Elective offered by other Departments.

**Non Major Elective (NME) offered by Economics Department**

U21ECN31	<b>NME-I</b> Gender and Economy
U21ECN42	<b>NME-II</b> Economics for Competitive Examinations

**Additional Credit Courses (Two Credit Courses)**

1. **U21ECO31** - Online Course – III Semester
2. **U21ECI41** - Internship – IV Semester
3. **U21ECV51** - Value Added Course – V Semester – **Entrepreneurship Development**



## SEMESTER I

COURSE CODE	U21ECT11	MICRO ECONOMICS-I	L	T	P	C
<b>CORE -I</b>			5	-	-	4
<b>Cognitive Level</b>		<b>K1: Recall K2: Understand K3: Apply K4: Analyze</b>				
<b>Learning Objectives</b>		<ol style="list-style-type: none"> <li>1. To enhance the knowledge of the students in the fundamental theories of micro economics.</li> <li>2. To help the students to understand the subject matter of economics.</li> <li>3. To enable the students to understand the laws of economics.</li> <li>4. To enable the students to understand the theories of factors of production.</li> <li>5. To impart the knowledge on cost and revenue concepts.</li> </ol>				

### UNIT I: Introduction to Micro economics

Definitions – Definition of Economics - Adam Smith - Marshall - Robbins - Samuelson - Nature and Scope of Economics - Micro and Macro approach - Inductive and deductive methods - Positive Vs Normative study - Static and Dynamic analysis - Economic Laws.

### UNIT II: Basic laws of Economics

Utility Analysis - Law of diminishing Marginal utility – Law of Equi-marginal utility – consumer's surplus – Indifference curve analysis – Properties – Consumer's Equilibrium – Price Effect – Income Effect and Substitution effect.

### UNIT III: Demand

Meaning of Demand - Types of Demand – Law of Demand – Exceptions - Determinants of demand – Elasticity of demand – Types; price, Income and cross elasticity – Measurement Methods – Uses.

### UNIT IV: Factors of production

Factors of Production - Land, Labour, Capital and Organization - Laws of returns - Law of variable proportions

### UNIT V: Cost and Revenue concepts

Cost and Revenue - concepts of cost and revenue - Average, Marginal and Total cost - Nature of short run and long run average cost curves – Revenue and revenue curves - Importance of revenue curves.

### TEXT BOOKS:

1. M. L. Jhingan, Micro economic Theory, Vrinda Publications, Delhi, 2014.
2. H.L Ahuja, Advanced Economic Theory, S.Chand & Co, 2009.

### REFERENCE BOOKS:

1. Seth. M. L, Principles of Economics, Lakshminara Publications, 2012.

2. Sundaram K.P.M., Micro Economics, Rotan Prakshan Publications Ltd, 2014.
3. Pindy and Robinson, Micro Economic Analysis, 2013.
4. Dr. S. Sankaran, Micro Economics, Margham Publications, Chennai, 2010.
5. Misra and Puri, Advanced Micro Economics Himalaya Publishing House, Mumbai, 2016.
6. V. Lokanathan, Principles of Economics, Economic Analysis S. Chand & Co., New Delhi, 2014.

### Course Outcomes:

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

<b>CO1</b>	Understand the relevance of micro economics concepts to the economy.	<b>K1</b>
<b>CO2</b>	Apply their knowledge on the basics of Micro Economics	<b>K3</b>
<b>CO3</b>	Improve their attitude towards economic laws.	<b>K2</b>
<b>CO4</b>	Get involved in the application of economics for business decision, planning and forecasting.	<b>K3</b>
<b>CO5</b>	Analyse the economic relationship between the variables.	<b>K4</b>

### Mapping:

Course Outcomes	Programme Outcomes							Programme Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
<b>CO1</b>	M	M	M	M	W	M	S	S	W	M	M	M
<b>CO2</b>	S	S	M	S	M	S	S	M	M	S	W	S
<b>CO3</b>	S	S	M	S	M	M	S	S	M	M	S	S
<b>CO4</b>	S	S	M	W	M	N	M	M	M	N	S	M
<b>CO5</b>	M	S	M	M	S	S	S	S	S	S	N	M

\*S-Strong correlation; M-Moderate correlation; W- Weak correlation, N – No correlation.

COURSE CODE	U21ECT12	ECONOMICS OF PLANNING AND DEVELOPMENT			
CORE -II		L	T	P	C
		6	-	-	4
<b>Cognitive Level</b>		<b>K1: Recall K2: Understand K3: Apply K4: Analyze K5: Evaluate</b>			
<b>Learning Objectives</b>		<ol style="list-style-type: none"> <li>1. To make the students to understand the concepts of planning and development.</li> <li>2. To make the students community to understand the factors determining development.</li> <li>3. To make the students to understand the planning and growth models.</li> <li>4. To enhance the knowledge of students on growth models.</li> <li>5. To make the students to understand the causes of underdevelopment and measures to achieve .development</li> </ol>			

**UNIT I: Introduction to Planning**

Planning – Definition – Characteristics – Objectives limitations – For and against planning.

**UNIT II: Types of Planning**

Types of planning; Democratic planning Vs Totalitarian planning; centralized Vs Decentralized planning; Material planning Vs financial planning; short term, medium & long term and perspective planning – Cyclical planning.

**UNIT III: Planning Model**

Meaning - P.C Mahalanobis two sector Model -Planning models and five year plans in India.

**UNIT IV: Theories of Economic Development**

Development – Economic Development – characteristics of UDCS Distinction between Growth and Development – Theories of under development – vicious circle of poverty - Dualistic Economics – Rostow stages of growth – the Lewis Model of unlimited supplies of labour.

**UNIT V: Approach of Economic Development**

Rosenstein Rodan and the three indivisibilities - Libenstein theory. The low level equilibrium trap – Balanced vs unbalanced growth.

**TEXT BOOK:**

1. Jhingan M.L., The Economics of Development and Planning, Vrinda Publications Private Ltd, India, 2014.

**REFERENCE BOOKS:**

1. Andrew Beer and Terry L.Clower, Globalisation, Planning and Local Economic Development, Routledge First edition, 2019.
2. Puri V.K. & S.K. Misra, Economics of Development and Planning: Theory and Practice, 16th edition, Himalayas Publishing House, Mumbai, 2016.

3. Alexander Eckstein, Planning and Economic Development in India, Cambridge University Press, 2011.
4. Marcelo M.Giugale, Economic Development, Oxford University Press Inc, 2014.
5. Giorgio Secondi, The Development Economics Reader, Taylor and Francis group India Private Ltd, Manohar, 2020.

**Course Outcomes:**

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

<b>CO1</b>	Know the basics of planning and development and acquire in depth knowledge about types of planning and development.	<b>K1</b>
<b>CO2</b>	Improve their knowledge on the basics of planning models	<b>K2</b>
<b>CO3</b>	Develop their attitude towards economic growth models.	<b>K3</b>
<b>CO4</b>	Apply their knowledge on economics for business decision, planning and forecasting.	<b>K4</b>
<b>CO5</b>	Analyse the economic relationship between the planning and growth models.	<b>K5</b>

**Mapping:**

Course Outcomes	Programme Outcomes							Programme Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
<b>CO1</b>	M	S	S	S	W	M	S	S	M	S	S	S
<b>CO2</b>	M	M	M	S	W	M	M	S	S	W	N	M
<b>CO3</b>	S	S	S	W	M	M	W	S	S	W	M	M
<b>CO4</b>	S	S	M	M	S	S	S	M	M	M	M	M
<b>CO5</b>	M	S	S	N	W	S	M	M	N	M	W	W

\*S-Strong correlation; M-Moderate correlation; W- Weak correlation, N – No correlation.

COURSE CODE	U21ECA11	ECONOMIC STATISTICS –I			
ALLIED - I		L	T	P	C
		5	-	-	4
<b>Cognitive Level</b>		<b>K1: Recall K2: Understand K3: Apply K4: Analyze K6: Create</b>			
<b>Learning Objectives</b>		<ol style="list-style-type: none"> <li>1. To make the students community to understand the applications of statistics in economics.</li> <li>2. To make the students to understand the application of statistics in research.</li> <li>3. To make the students to understand the fundamentals of statistics.</li> <li>4. To enhance the knowledge of the students on statistical investigation</li> <li>5. To impart knowledge on data collection method</li> </ol>			

**UNIT I: Introduction to Statistics**

Introduction – Meaning - Definition –Scope - importance of statistics - Limitations.

**UNIT II: Sources of Data**

Statistical Investigation and Sampling – Source of data – methods of collection of data – sample design – Theoretical basis of sampling – sample and population –Methods of sampling.

**UNIT III: Frequency Distribution**

Statistical presentation - Classification and Tabulation of data-Presentation of data – Diagrams and charts - Graphs

**UNIT IV: Measures of Central tendency**

Measures of central location – Averages – Arithmetic mean – Median – mode – Geometric mean – Harmonic mean – quartiles - Deciles and percentiles.

**UNIT V: Measures of Dispersion**

Measures of Dispersion – Range – Mean Deviation – Quartile Deviation and its coefficient – standard Deviation – Coefficient of Variation.

**NOTE: Question Papers must contain problems to the extent of 60% of the marks allotted to the subject.**

**TEXT BOOKS:**

1. Gupta S.P, Statistical Methods, Sulthan chand & sons, New Delhi, 2014.
2. Gupta S.C and Kapoor V.K, Fundamentals of Applied Statistics, Sulthan chand & sons, New Delhi, 2010.

**REFERENCE BOOKS:.**

1. Gupta S.C Fundamentals of Statistics, Himalaya Publishers 2020.

2. Gupta S.C and Indira Gupta Business statistics, Himalaya Publishers 2019.
3. Bhupendra T. Kesaria Numerical & Statistical Methods, Himalaya Publishers 2018.
4. Kathambarajan D. Economic & Business Statistics, Himalaya Publishers 2017.
5. Seemon Thomas Business Statistics, Narosa Publishing house, 2014.
6. Manoharan M Palani Paramount Publications, Palani, 2012.

### Course Outcomes:

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

<b>CO1</b>	Understand the application of statistics in other fields.	<b>K1</b>
<b>CO2</b>	Get knowledge of method of collecting data.	<b>K2</b>
<b>CO3</b>	Apply the skill of draw the various diagram and graphical representation.	<b>K3</b>
<b>CO4</b>	Analyse statistics in everyday life.	<b>K4</b>
<b>CO5</b>	Solve the problems in various measures such as central tendency, dispersion and standard deviation in statistics.	<b>K6</b>

### Mapping:

Course Outcomes	Programme Outcomes							Programme Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
<b>CO1</b>	S	M	W	S	M	S	M	S	M	W	S	M
<b>CO2</b>	W	S	M	S	M	S	M	W	S	W	S	M
<b>CO3</b>	M	M	W	S	M	S	S	S	M	W	S	M
<b>CO4</b>	W	S	M	S	M	M	M	W	S	W	S	M
<b>CO5</b>	M	M	W	S	M	S	M	S	M	W	S	M

\*S-Strong correlation; M-Moderate correlation; W- Weak correlation, N – No correlation.

## SEMESTER - II

COURSE CODE	U21ECT21	MICRO ECONOMICS –II	L	T	P	C
<b>CORE -III</b>			5	-	-	4
<b>Cognitive Level</b>		<b>K1:</b> Recall <b>K2:</b> Understand <b>K3:</b> Apply <b>K5:</b> Evaluate <b>K6:</b> Create				
<b>Learning Objectives</b>		<ol style="list-style-type: none"> <li>1. To enhance the knowledge of the students in the subject matter of micro economics.</li> <li>2. To help the students to understand the various forms of market structure in the economy.</li> <li>3. To enable the students to understand the methods of factor pricing.</li> <li>4. To enable the students to understand the theories of factor pricing.</li> <li>5. To impart the knowledge on business decision making.</li> </ol>				

### UNIT I: Market Structure

Market Structure - Meaning - Types - Perfect Competition - Time Element Theory - Price and Output Determination - Equilibrium of the firm and industry in short and long run.

### UNIT II: Price Determination under Monopoly

Meaning – Features of Monopoly – Price and Output Determination under Monopoly - Price Discrimination - Meaning – Price Discrimination under Monopoly.

### UNIT III: Monopolistic Competition

Features of Monopolistic competition – Price and Output Determination under Monopolistic Competition - Selling Cost – Oligopoly – Meaning-Features-Kinked Demand Curve.

### UNIT IV: Theories of Rent and Wages

Theories of Rent – Ricardian Theory of Rent - Modern Theory of Rent – Quasi– rent –Theories of Wages – The Subsistence Theory of Wages – Wage Fund Theory-Marginal Productivity Theory of Wages.

### UNIT V: Interest and Profit

Interest - Gross Interest and Net Interest – Classical Theory of Interest - Neo - Classical Theory; Loanable fund Theory and Keynesian Theory of Interest - Profit - Gross and Net Profit - Theories of Profit – Schumpeter’s Innovation Theory – Knight’s Uncertainty Bearing Theory.

### TEXT BOOKS:

1. M. L. Jhingan, Micro economic Theory – Vrinda Publications, Delhi .2014
2. HL AHUJA (2009) Advanced Economic Theory S.Chand & Co

**REFERENCE BOOKS:**

1. Misra and Puri, Advanced Micro Economics Himalaya Publishing House, Mumbai, 2016.
2. Dutt & Sundaram, Micro Economics, S. Chand & Co Ltd, New Delhi, 2015.
3. V. Lokanathan, Principles of Economics, Economic Analysis S. Chand & Co., New Delhi, 2014.
4. K.P.M. Sundaram, Micro Economics, Rotan Prakshan Publications Ltd, 2014.
5. Pindy and Robinson, Micro Economic Analysis, 2013.
6. M. L. Seth, Principles of Economics, Lakshminara Publications, 2012.
7. Dr. S. Sankaran, Micro Economics, Margham Publications, Chennai, 2010.

**Course Outcomes:**

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

<b>CO1</b>	Understand the subject matter of micro economics.	<b>K1</b>
<b>CO2</b>	Classify the various forms of market structure in the economy.	<b>K2</b>
<b>CO3</b>	Apply the methods of factor pricing.	<b>K3</b>
<b>CO4</b>	Evaluate the theories of factor pricing.	<b>K5</b>
<b>CO5</b>	Take business decision wisely.	<b>K6</b>

**Mapping:**

Course Outcomes	Programme Outcomes							Programme Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
<b>CO1</b>	S	M	M	W	M	W	M	M	M	W	M	S
<b>CO2</b>	M	S	M	S	M	M	N	M	M	S	M	M
<b>CO3</b>	S	S	S	M	M	M	S	S	S	M	M	M
<b>CO4</b>	M	M	M	W	M	M	S	M	M	W	M	W
<b>CO5</b>	S	M	S	S	M	S	S	M	S	S	M	M

\*S-Strong correlation; M-Moderate correlation; W- Weak correlation, N – No correlation.



COURSE CODE	U21ECT22	MONETARY ECONOMICS	L	T	P	C
CORE -IV				5	-	-
Cognitive Level		K1: Recall K2: Understand K3: Apply K4: Analyze K5: Evaluate				
Learning Objectives		<ol style="list-style-type: none"> <li>1. To make the students aware of the present situations regarding monetary phenomena.</li> <li>2. To enable the students to understand the fundamental concepts of money and banking.</li> <li>3. To help the students to know about the existing monetary policy in India.</li> <li>4. To help the students to understand the theories of trade cycle</li> <li>5. To enable the students to understand the banking system in India.</li> </ol>				

**UNIT I: Evolution of money**

Evolution of Money –Barter system and its defects – kinds of money – functions of Money – Benefits and Drawbacks of Money - Paper standard –Advantages and Disadvantages – Fiduciary system - Methods of Note Issue – Role of Money in Developing and Mixed economy.

**UNIT II: Value of money**

Value of money – depreciation and appreciation of money- Theories of Money – Irving Fisher’s Quantity Theory of Money – Cambridge Equations – Superiority of Cambridge version over Fisher’s version.

**UNIT III: Inflation and deflation**

Inflation – Meaning – Causes for Inflation – Types of Inflation – Effects of Inflation – Inflationary Gap – Anti-Inflationary Measures – Deflation – Meaning – Causes for deflation – Effects of Deflation.

**UNIT IV: Trade cycle**

Trade Cycle – Meaning – Characteristics – Causes – Phases of Trade cycle – Theories of Trade of cycle – Schumpeter's and Keynesian theory of Trade cycle.

**UNIT V: Banking**

Functions of commercial Banks – Role of Commercial Banks in Economic Development – Credit Creation – Functions of Central Bank – Recent trends in Banking: ATM, Debit card, Credit card, e-banking.

**TEXT BOOKS:**

1. Seth M.L., Money Banking and International Trade and public Finance, Lakshmi Narayan Agarwal, Educational Publishers, Agra, 2017.
2. Cauvery R., Sudha Nayak U.K., Kruparani N., and Manimekalai A., Monetary Economics, S,Chand & Co. Ltd, New Delhi, 2010.

**REFERENCE BOOKS:**

1. Indian Institute of Banking and Finance, International Finance, Taxmann Publ, 2021.
2. D.M. Mithani, Money, Banking, International Trade and Public Finance, Himalaya, 2017.
3. Suraj B Gupta, Monetary Economics: Institutions, Theory and Policy, S.Chand, 2010.
4. Sundaram K.P.M., Money Banking & Public Finance, Alfa Publications, 2009.
5. Steven N Durlauf & Lawrence E Blume, Monetary Economics, New Palgrave Pub, 2009.

**Course Outcomes:**

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

<b>CO1</b>	Learn about the evolution of monetary system	<b>K1</b>
<b>CO2</b>	Examine the importance of money in the economy.	<b>K3</b>
<b>CO3</b>	Understand the meaning and theories of Trade cycle	<b>K2</b>
<b>CO4</b>	Examine the role of money in different business situations.	<b>K4</b>
<b>CO5</b>	Evaluate the role of banking system in the economy	<b>K5</b>

**Mapping:**

Course Outcomes	Programme Outcomes							Programme Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	S	S	M	M	M	W	W	W	W	M	M
CO2	S	S	S	S	S	S	M	M	M	M	M	N
CO3	S	W	W	W	M	M	M	M	S	S	S	M
CO4	S	M	M	M	M	S	S	S	S	S	M	W
CO5	S	S	S	S	M	M	M	W	W	N	S	M

\*S-Strong correlation; M-Moderate correlation; W- Weak correlation, N – No correlation.

COURSE CODE	U21ECA22	ECONOMIC STATISTICS–II			
ALLIED -IV		L	T	P	C
		5	-	-	4
<b>Cognitive Level</b>		<b>K1: Recall K2: Understand K3: Apply K4: Analyze K5: Evaluate</b>			
<b>Learning Objectives</b>		<ol style="list-style-type: none"> <li>1. To make the students community to understand the applications of statistics in economics.</li> <li>2. To make the students to understand the application of statistics in research.</li> <li>3. To make the students to understand the application of statistics in other fields.</li> <li>4. To enable the students to understand the correlation and regression techniques,</li> <li>5. To help the students to understand the concept of probability and its applications</li> </ol>			

**UNIT I: Correlation and Regression**

Correlation and Regression – Scatter Diagram, - Karlpearson’s Coefficient of correlation – Spearman’s Rank correlation –Regression lines – Regression equations.

**UNIT II: Association of Attributes**

Association of Attributes – Independence – Consistence association – disassociation – Yule’s coefficient of association – simple cases.

**UNIT III: Index Numbers**

Index Numbers – definition and Classification - methods of constructing price and cost of living index numbers – problems in the construction of the index numbers – uses. Limitations

**UNIT IV: Time Series**

Time Series – Nature, Objectives and components, methods of Measurements of trend and seasonal Variations – Applications in Economics and Business.

**UNIT V: Probability**

Probability – definition – concepts Rules of probability – Addition and Multiplication Theorem.

**NOTE: Question Papers must contain problems to the extent of 60 % of the marks allotted to the subject.**

**TEXT BOOKS:**

1. Gupta S.P, Statistical Methods, Sulthan Chand & sons, New Delhi, 2014.
2. Gupta S.C and Kapoor V.K, Fundamentals of Applied Statistics, Sulthan Chand & sons, New Delhi, 2010.

**REFERENCE BOOKS:.**

1. Manoharan M Palani Paramount Publications, Palani, 2012.
2. Gupta S.C Fundamentals of Statistics, Himalaya Publishers 2020.

3. Gupta S.C and Indira Gupta Business statistics, Himalaya Publishers 2019.
4. Bhupendra T .Kesaria Numerical & Statistical Methods, Himalaya Publishers 2018.
5. Kathambarajan D. Economic & Business Statistics, Himalaya Publishers 2017.
6. Seemon Thomas Business Statistics, Narosa Publishing house, 2014.

### Course Outcomes:

On the successful completion of the course, student will be able to:

<b>CO1</b>	Acquire knowledge on basic concepts of statistical methods relevant to economic problems.	<b>K1</b>
<b>CO2</b>	Apply the theoretical and practical knowledge to do applied statistical methods	<b>K3</b>
<b>CO3</b>	Analyse the Correlation and Regression.	<b>K4</b>
<b>CO4</b>	Acquire the knowledge on index numbers and time series.	<b>K2</b>
<b>CO5</b>	Practice association of attributes, time series and basic concepts of probability	<b>K5</b>

### Mapping:

Course Outcomes	Programme Outcomes							Programme Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	M	M	S	M	M	W	S	M	W	S	M
CO2	S	M	W	S	M	M	S	W	S	M	S	M
CO3	W	S	M	S	M	M	M	W	S	W	S	M
CO4	S	M	M	W	S	S	M	M	S	M	W	M
CO5	S	W	S	M	S	M	M	M	W	W	S	M

\*S-Strong correlation; M-Moderate correlation; W- Weak correlation, N – No correlation.

**SEMESTER - III**

COURSE CODE	U21ECT31	MACRO ECONOMICS-I			
CORE -V		5	-	-	4
Cognitive Level	K1: Recall K2: Understand K3: Apply K4: Analyze K5: Evaluate				
Learning Objectives	<ol style="list-style-type: none"> <li>To help the students to understand the fundamental concepts of macroeconomics.</li> <li>To create basic knowledge about macroeconomic policy and tools.</li> <li>To Provide a strong foundation for the students to clarify the ideas of macro economics</li> <li>To impart knowledge on the concepts of National Income</li> <li>To provide knowledge on theories of employment</li> </ol>				

**UNIT I: Introduction to Macroeconomics**

Meaning of Macro Economics - Difference between Micro and Macro Economics — Importance and Limitations of Macro Economics analysis – Circular Flow of Income – Two, Three and four Sector Models

**UNIT II: National Income**

Definition and concept – Per – capita income and Disposal personal income, Real income and National Income – Concept of National Product – GNP and NNP – Methods of Measuring National Income – Difficulties in the computation of National Income – National Income and Social Welfare – Uses of National Income – Social Accounting.

**UNIT III: Theory of employment**

Meaning of Full Employment – Kinds of Unemployment – Classical Theory of Employment – Say’s Law of Market – Keynesian theory of Employment – Savings and Investment approach to under – employment equilibrium – A Comparison of Classical and Keynesian Theory of Employment

**UNIT IV: Consumption function**

Keynesian Psychological Law of Consumption – Significance of Keynes’s Law – Propensity to consume – APC and MPC – Determinants of Propensity to consume.

**UNIT V: Theories of Consumption Function**

Propensity to consume - Absolute Income Hypothesis – Relative Income Hypothesis – Permanent Income Hypothesis – Life Cycle Hypothesis.

**TEXT BOOKS:**

1. Dr.S.Sankaran, Macro Economics, Margham Publication, 2016.
2. L.N.Dutta Modern Macro Economics, Publisher IK International Publishing, 2013.
3. H.L.Aguja Macro Economics Theory and Policy Publisher S.Chand, 2019.

**REFERENCE BOOKS:**

1. M.L.Jhingan, Macro Economic Theory, Publisher Vrinda Publication, 13<sup>th</sup> Edition, 2017.
2. Lovelean Gupta & Pradeep kumar Panda, Macro Economics, A Primer Publisher, Bharthi Bhawan, 1st edition, 2017.
3. M.L.Seth, Macro Economics, Lakshmi Narain Agarwal Pub, 2017.
4. David Romer, Advanced Macro Economics, McGraw Hill India Publisher, Edition 4, 2019.
5. Rana K.C. & Verma, Macro Economic Analysis, Vishal Publishing Co, New Delhi, 2014.
6. Rangaraj Narayan, Principles of Macro Economic Publisher, McGraw Hill Education, 2012.

**Course Outcomes:**

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

<b>CO1</b>	Understand the evolution of Macro Economics and know the difference between micro and macroeconomics.	<b>K1</b>
<b>CO2</b>	Examine the various concepts of National income Accounting and issues related to measurement of National income, and also develop an environmental concern in economic activities	<b>K4</b>
<b>CO3</b>	Comprehend the classical theory of output, employment and income and consumption function.	<b>K2</b>
<b>CO4</b>	Apply the knowledge to understand the Consumption function and theories of consumption function.	<b>K3</b>
<b>CO5</b>	Create awareness on various concepts of investment, determinants of investment, role of MEC.	<b>K5</b>

**Mapping:**

Course Outcomes	Programme Outcomes							Programme Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
<b>CO1</b>	S	S	S	S	M	M	S	S	S	W	S	M
<b>CO2</b>	S	M	M	M	W	W	M	M	M	S	S	M
<b>CO3</b>	S	S	W	S	S	M	M	S	W	N	W	M
<b>CO4</b>	S	S	W	W	M	M	S	S	M	M	M	S
<b>CO5</b>	S	S	W	M	S	S	M	M	M	S	M	S

\*S-Strong correlation; M-Moderate correlation; W- Weak correlation, N – No correlation.

<b>COURSE CODE</b>	<b>U21ECA33</b>	<b>PRINCIPLES OF ACCOUNTANCY-I</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>ALLIED -III</b>			<b>5</b>	<b>-</b>	<b>-</b>	<b>4</b>
<b>Cognitive Level</b>		<b>K1: Recall K2: Understand K4: Analyze K5: Evaluate K6: Create</b>				
<b>Learning Objectives</b>		<ol style="list-style-type: none"> <li>1. To help the students to understand the book keeping.</li> <li>2. To enrich the knowledge of students in preparing journals, ledger and cash book.</li> <li>3. To provide knowledge about bills of exchange.</li> <li>4. To make the students to understand the fundamental principles of accounting</li> <li>5. To provide knowledge on subsidiary books in accounting</li> </ol>				

**UNIT I: Introduction to Book Keeping**

Meaning – scope and importance - Introduction to Book keeping – Journal – Ledger - double entry book keeping.

**UNIT II: Subsidiary Books**

Subsidiary books – purchase book, sales book, cash books-single column cash book, double column cash book and triple column cash book.

**UNIT III: Capital and Revenue Expenditure account**

Capital and Revenue Expenditure and Income, Final accounts and Balance sheet of sole Trading concerns–common adjusting Entries

**UNIT IV: Bills of Exchange**

Bills of Exchange – Account Entries

**UNIT V: Average Due Date**

Average Due Date

**TEXT BOOKS:**

1. Gupta R.L & Gupta V.K, Principles and Practice of Accountancy, Sultan Chand & Sons, 2019.
2. Maheswari S.N & Maheswari S.K, Financial Accounting, 5<sup>th</sup> edn, Vikas, 2012.

**REFERENCE BOOKS:**

1. Grewal T.S & Gupta S.C, Introduction to Accountancy, S. Chand, 2016.
2. Narayanaswamy R, Financial Accounting: A Managerial Perspective, 5<sup>th</sup> edn, PHI, 2014.
3. Vinayakam N & Charumati B, Financial Accounting, S. Chand, 2004.

**Course Outcomes:**

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

<b>CO1</b>	Enhance their knowledge in preparing final accounts.	<b>K2</b>
<b>CO2</b>	Prepare various types of accounts.	<b>K4</b>
<b>CO3</b>	Understand the book keeping procedure	<b>K1</b>
<b>CO4</b>	Analyse the capital and revenue expenditure accounts	<b>K4</b>
<b>CO5</b>	Gain knowledge to evaluate verification and valuation of bills of exchange	<b>K6</b>

**Mapping:**

Course Outcomes	Programme Outcomes							Programme Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	S	M	M	M	M	W	S	S	S	M	M
CO2	S	M	M	M	S	S	S	S	M	W	M	N
CO3	S	M	S	S	S	M	M	M	W	M	M	S
CO4	S	M	M	M	S	S	M	W	W	M	M	S
CO5	S	S	S	M	M	M	S	S	N	M	M	M

\*S-Strong correlation; M-Moderate correlation; W- Weak correlation, N – No correlation.



COURSE CODE	U21ECE311	CHOICE -I	L	T	P	C
<b>ELECTIVE -I</b>		<b>PRINCIPLES OF MANAGEMENT</b>	<b>4</b>	<b>-</b>	<b>-</b>	<b>3</b>
<b>Cognitive Level</b>	<b>K1: Recall K2: Understand K3: Apply K4: Analyze K5: Evaluate</b>					
<b>Learning Objectives</b>	<ol style="list-style-type: none"> <li>1. To make the students to understand the management concepts.</li> <li>2. To Develop the skills of decision making, organizing and management of a business organization</li> <li>3. To help the students to understand the principles of management.</li> <li>4. To acquire knowledge of manpower planning, motivation theory and communication barriers and importance.</li> <li>5. To understand the importance of leadership in business scenario</li> </ol>					

**UNIT I: Character and functions of Management**

Management – Meaning and Definition – Characteristics Function Importance – Approaches to the study of management – Henry Foyal’s Theory of management – F.W. Taylor’s theory of scientific Management.

**UNIT II: Managerial Planning**

Managerial planning – Meaning & Definition – characteristics Objectives – steps in planning Process – Methods of planning – Planning tools- Significance – obstacles to effective planning.

**UNIT III: Forecasting and Decision making**

Forecasting - Concept - Techniques - Decision Making Need - Elements In Decision making – Decision making Process- Types - Factors involved in Decision Making - Decentralisation - Delegation of Authority - Span of Control.

**UNIT IV: Directing and Controlling**

Directing –Principles of Direction – Importance – Types –Motivation-Meaning-Importance. Controlling –steps in Control Process – Techniques of control – needs for control –Types of Managerial control.

**UNIT V: Leadership**

Leadership - Definitions - Characteristics - Distinction between leadership and management - Importance of Leadership - Formal and Informal Leaders - Functions and qualities of a Good Leader.

**TEXT BOOKS:**

1. Tripathi P.C & Reddy P.N, Principles of Management, 6<sup>th</sup> edn, Tata McGraw Hill, 2017.
2. T.Ramasamy, Principles of Management, Himalaya Publishing House, 2014.

**REFERENCE BOOKS:**

1. L.M. Prasad, Principles and Practice of Management, Sultan & Sons, 2019.
2. C.B. Gupta, Business Organisation and Management, Sultan Chand & Sons, 2019.
3. Ramesh B Rudani, Principles of Management, 2<sup>nd</sup> edn, McGraw Hill, 2019.
4. Dinker Pagare, Principles of Management, Sultan and sons Publications, 2018.
5. Lallan Prasad, S.S. Gulshan, Management: Principles & Practice, S. Chand & Co, 2011.

**Course Outcomes:**

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

<b>CO1</b>	Improve their knowledge on the Management techniques	<b>K3</b>
<b>CO2</b>	Develop the skills of good managers.	<b>K5</b>
<b>CO3</b>	Apply the forecasting techniques in decision making	<b>K4</b>
<b>CO4</b>	Acquire knowledge of manpower planning, motivation theory and communication barriers and importance.	<b>K2</b>
<b>CO5</b>	Understand the importance of leadership in business scenario	<b>K1</b>

**Mapping:**

Course Outcomes	Programme Outcomes							Programme Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	M	S	M	S	S	S	M	W	W	S	S
CO2	S	S	S	M	S	M	S	W	M	N	S	S
CO3	M	S	S	W	S	M	S	W	N	M	M	S
CO4	M	S	S	W	M	W	S	M	N	S	S	S
CO5	S	S	S	N	S	M	M	W	N	M	S	S

\*S-Strong correlation; M-Moderate correlation; W- Weak correlation, N – No correlation.

COURSE CODE	U21ECE312	CHOICE -II	L	T	P	C
<b>ELECTIVE -I</b>		<b>MICRO FINANCE AND WOMEN EMPOWERMENT</b>	<b>4</b>	<b>-</b>	<b>-</b>	<b>3</b>
<b>Cognitive Level</b>		<b>K1: Recall K2: Understand K3: Apply K4: Analyze K5: Evaluate</b>				
<b>Learning Objectives</b>		<ol style="list-style-type: none"> <li>1. To make the students to understand the factors determining women empowerment</li> <li>2. To enable the students to understand the role of micro finance in poverty alleviation</li> <li>3. To impart the knowledge on Women Empowerment</li> <li>4. To enable the students to understand the role of banks in micro finance.</li> <li>5. To make the students to understand the challenges to the Self Help Groups.</li> </ol>				

**UNIT 1: Empowerment of Women**

Meaning – Factors determining Women Empowerment – Challenges - Role of Women Empowerment in the Indian Economy.

**UNIT II: Micro Finance**

Concept – Elements – Importance – History of Micro Finance – Role of Micro Finance in Poverty Alleviation – Role of Banks in Micro Finance.

**UNIT III: Techniques of Women Empowerment**

Women Empowerment Programmes – Women Empowerment through Micro Finance – Women and Child Development Welfare Programmes: Awareness Camps,.

**UNIT IV: Self Help Group**

Meaning – Activities of the Self Help Groups: Savings, Credit, Marketing and Insurance – Rules for the Formation of Self Help Groups – Role in Self Help groups.

**UNIT V: Evaluation of Self Help Group**

Need and Features of Evaluation of Self Help Groups – Role of Governmental and Non-Governmental Organisation in Strengthening Self Help Groups – Marketing Challenges to the Self Help Groups - Problems faced by Self Help Groups.

**TEXT BOOK:**

1. Subhas Chandra Parida & Sasmita Nayak, Empowerment of Women in India, Northern Book Centre, New Delhi, 2009.
2. Muralidhar A. Lokhande, Micro Finance and Women Empowerment, New Century Pub, 2014.

**REFERENCE BOOKS:**

1. Sukanta Sarkar & Mohammad Afsar Alam, Microfinance and Women Empowerment: A Geo-Economic Perspective, 2015.
2. Rama Raju P.S., Women Empowerment: Strategies and Interventions, Swastik Publications, New Delhi, 2014.
3. Ganesamurthy V.S, Empowerment of Women in India: Social, Economic and Political, New Century Publications, New Delhi, 2008
4. Das S.K, Nanda B.P and Rath J, Microfinance and Rural Development in India, New Century Pub., New Delhi, 2008.
5. Hajira Kumar and Jaimon Varghese, Women Empowerment: Issues, Challenges and Strategies: A Source Book, Regency Publications, New Delhi, 2005.

**Course Outcomes**

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

<b>CO1</b>	Understand the factors determining women empowerment	<b>K1</b>
<b>CO2</b>	Examine the role of banks in providing micro finance.	<b>K3</b>
<b>CO3</b>	Gain knowledge on women empowerment programme	<b>K2</b>
<b>CO4</b>	Analyse the role of micro finance in poverty alleviation	<b>K4</b>
<b>CO5</b>	Evaluate the role of micro finance in women empowerment	<b>K5</b>

**Mapping:**

Course Outcomes	Programme Outcomes							Programme Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	M	S	M	S	S	S	M	W	W	S	S
CO2	S	S	S	M	S	M	S	W	M	N	S	S
CO3	M	S	S	W	S	M	S	W	N	M	M	S
CO4	M	S	S	W	M	W	S	M	N	S	S	S
CO5	S	S	S	N	S	M	M	W	N	M	S	S

\*S-Strong correlation; M-Moderate correlation; W- Weak correlation, N – No correlation.

COURSE CODE	U21ECN31	GENDER AND ECONOMY			
NON MAJOR ELECTIVE-I		L	T	P	C
		2	-	-	2
Cognitive Level	K1: Recall K2: Understand K3: Apply K4: Analyze K5: Evaluate				
Learning Objectives	<ol style="list-style-type: none"> <li>1. To help the students to understand the importance of women development.</li> <li>2. To help the students to understand the problems of women labourers.</li> <li>3. To help the students to understand the health issues of women.</li> <li>4. To impart knowledge on occupational pattern of women</li> <li>5. To impart knowledge on women development programme.</li> </ol>				

**UNIT I: Women in organize sector**

Women in organized and unorganized sector.

**UNIT II: Occupational Pattern**

Occupational pattern of women in India.

**UNIT III: Problem and Working conditions**

Problems and working Conditions of Indian women.

**UNIT IV: Education Levels**

Women and Education in different levels – primary, Secondary And tertiary.

**UNIT V: Health status**

Health status of women in India.

**TEXT BOOK:**

1. Mahajan V.S, Women's Contribution to India's Economic and Social Development, Deep and Deep Publication, Delhi 1989.

**REFERENCE BOOKS:**

1. Sriani A.K, Gender in Employment Policies and Programmes: What Works for Women?, ILO, 2017.
2. Pulla Rao D, Status of Women in Education, Employment and Social Exclusion: Essays in Honour of Prof. K.S. Chalam, Serials Pub, 2011.
3. OECD, Report on the Gender Initiative: Gender Equality in Education, Employment and Entrepreneurship, OECD Pub, 2011.
4. International Labour Office, Women in Labour Markets: Measuring Progress and Identifying Challenges, ILO, 2010.
5. Bandi S.A, Forms of Production and Women's Labour, Sage Pub, 1992.
6. Nirmala Banerjee, Indian Women in a Changing Industrial Scenario, Sage Pub, 1991.

**Course Outcomes:**

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

<b>CO1</b>	Get knowledge on women development programmes.	<b>K2</b>
<b>CO2</b>	Identify the problems of women in organized and unorganized	<b>K3</b>
<b>CO3</b>	Understand the occupational pattern of women	<b>K1</b>
<b>CO4</b>	Assess the educational levels of women	<b>K4</b>
<b>CO5</b>	Gain knowledge on health status of women	<b>K5</b>

**Mapping:**

Course Outcomes	Programme Outcomes							Programme Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
<b>CO1</b>	S	M	S	S	S	M	S	S	S	S	M	S
<b>CO2</b>	S	S	S	W	S	S	S	M	M	M	S	M
<b>CO3</b>	S	W	S	M	S	S	S	W	S	W	S	M
<b>CO4</b>	S	S	S	S	S	M	S	S	W	S	S	S
<b>CO5</b>	S	S	M	N	M	S	S	S	S	S	M	S

\*S-Strong correlation; M-Moderate correlation; W- Weak correlation, N – No correlation.

## SEMESTER-IV

COURSE CODE	U21ECT41	ENVIRONMENTAL ECONOMICS	L	T	P	C
<b>CORE- VI</b>			<b>4</b>	-	-	<b>4</b>
<b>Cognitive Level</b>		<b>K1: Recall K2: Understand K3: Apply K4: Analyze K5: Evaluate</b>				
<b>Learning Objectives</b>		<ol style="list-style-type: none"> <li>1. To help the students in gaining knowledge about environmental economics.</li> <li>2. To make the students understand the Nature and Scope of environmental economics in India.</li> <li>3. To know the basic Concepts in Ecology and Economic development</li> <li>4. To make the students aware of the environmental problems</li> <li>5. To make the students to understand the environmental protection measures</li> </ol>				

### UNIT I: Economics and Environment

Introduction - Economics and Environment – Definition – Scope – Role - Significance of Environmental Economics - Economic Growth and Development - Ecology and Economic Development - Relationship between Environment and the Economy - Environment and Economic System

### UNIT II: Economic development and Quality of Environment

Economic Development and Quality of Environment- Environmental Issues in Developed and Developing Countries – Uses of Resources – Environmental Protection Laws- Environmental Education in Curriculum.

### UNIT III: Cost Benefit Analysis

Cost Benefit Analysis – Environmental cost of Economic growth – Limits to growth –Pollution cost distribution- Effects- Plans – Total and Marginal Benefits of Pollution Control – Efficiency in Pollution- Pollution Control Boards.

### UNIT IV: Environmental Policy

Environmental Policy - Constitutional Protection - Planning and Management - Role of Government - Public Awareness - Law and Environment

### UNIT V: Global Warming

Meaning of Global Warming - Green House Effect - Contribution to Global Warming - Response to Green House Effect - Ozone Depletion - Climate Change - Contribution of Nation and State

### TEXT BOOKS:

1. Sankaran.S., Environmental Economics, Margham Publications, Chennai, 2012
2. Eugene T., Environmental Economics, Virnda Publications, 2005.

**REFERENCE BOOKS:**

1. Karpagam, M, Environmental Economics: A Textbook, 3<sup>rd</sup> edn, Sterling Pub, New Delhi, 2019.
2. Subhashini Muthukrishnan, Economics of Environment, PHI, 2015.
3. Ganesamurthy, V.S., Environmental Economics in India, New Century Publications, New Delhi, 2009.
4. Jhingan M.L and Sharma C.K, Environmental Economics: Theory, Management and Policy, 2<sup>nd</sup> edn, Vrinda Publications, 2009.
5. Ulagnathan Sankar, Environmental Economics, Oxford University Press, New Delhi, 2003.

**Course Outcomes:**

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

<b>CO1</b>	Gain knowledge about environmental economics.	<b>K2</b>
<b>CO2</b>	Understand the Nature and Scope of environmental economics in India.	<b>K1</b>
<b>CO3</b>	Apply the basic Concepts in Ecology and Economic development	<b>K3</b>
<b>CO4</b>	Aware of the environmental problems	<b>K4</b>
<b>CO5</b>	Evaluate global warming and take environmental protection measures	<b>K5</b>

**Mapping:**

Course Outcomes	Programme Outcomes							Programme Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
<b>CO1</b>	S	M	S	S	S	S	S	W	S	W	S	M
<b>CO2</b>	S	M	S	S	M	S	M	M	M	S	W	M
<b>CO3</b>	S	M	M	M	N	S	W	M	M	N	S	S
<b>CO4</b>	S	M	W	M	M	S	M	W	M	M	M	M
<b>CO5</b>	S	M	S	M	W	S	S	M	M	M	M	M

\*S-Strong correlation; M-Moderate correlation; W- Weak correlation, N – No correlation.



COURSE CODE	U21ECT42	MACRO ECONOMICS-II			
CORE- VII		L	T	P	C
		4	-	-	4
<b>Cognitive Level</b>		<b>K2: Understand K3: Apply K4: Analyze K5: Evaluate</b>			
<b>Learning Objectives</b>		<ol style="list-style-type: none"> <li>1. To provide an elaborate understanding in the subject matter of macro economics.</li> <li>2. To make the students to aware of the recent developments in the subject of macroeconomics.</li> <li>3. To make the students to know about the relevance of macroeconomic concepts to the economy.</li> <li>4. To make the students to understand the various phases of trade cycle and the theories of trade cycles.</li> <li>5. To make the students to understand the role of monetary and fiscal policies in developing economy.</li> </ol>			

**UNIT I: Investment function**

Investment function – Meaning – Types – Determinants of Investment – Difference between Autonomous Investment and Induced Investment – Factors determining Investment Function – Marginal Efficiency of Capital and Rate of Interest – Investment Demand Schedule.

**UNIT II: Multiplier and accelerator**

Multiplier – Static and Dynamic multipliers – Induced Investment and Accelerator – The interaction principle – Super Multiplier.

**UNIT III: Trade cycle**

Trade cycle: Meaning – nature – types and phases of a Trade cycle. Theories of trade cycle; Keynesian theory of trade cycle. Schumpeter's innovation theory –Hwatre's theory - Hicks theory of trade cycle .

**UNIT IV: Post Keynesian and macro analysis**

Post Keynesian Macro Analysis – General equilibrium of monetary and real sector – contribution of Hicks, Hansen – IS and LM – Diagram.

**UNIT V: Monetary and Fiscal policy**

Macro-Economic policy: Meaning - Targets - instruments, objectives of macroeconomic policy - Fiscal Policy – Objectives – Role of fiscal policy in a developing economy – Effectiveness of monetary and fiscal policies.

**TEXT BOOKS:**

1. Sankaran S, Macro Economics, Margham Publication, 2016.
2. Ahuja H.L, Macro Economics Theory and Policy, S.Chand, 2019.

**REFERENCE BOOKS:**

1. Sinha V.C, and Ritu Shrivastava, Macro Economics, SBPD Pub, 2021.
2. David Romer, Advanced Macro Economics, M.C.Graw Hill, 4<sup>th</sup> edn, 2019.
3. M.L.Jhingan, Macro Economic Theory, Publisher Vrinda Publication, 13<sup>th</sup> edn, 2017.
4. Lovelean Gupta and Pradeepkumar Panda, Macro Economics, Bharthi Bhawan, 2017.

5. M.L.Seth, Macro Economics, Lakshmi Narain Agarwal, 2017.
6. Rana K.C. and Verma, Macro Economic Analysis, Vishal Pub, 2014.

### Course Outcomes:

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

<b>CO1</b>	Gain knowledge about recent developments in theories of macro economics	<b>K2</b>
<b>CO2</b>	Examine the working principles of Multiplier and Accelerator, Super Multiplier.	<b>K3</b>
<b>CO3</b>	Attain the knowledge in classical and Keynesian theories of income and employment	<b>K4</b>
<b>CO4</b>	Assess the various phases of trade cycle and the theories of trade cycles.	<b>K5</b>
<b>CO5</b>	Describe the role of monetary and fiscal policies in developing Economy.	<b>K5</b>

### Mapping:

Course Outcomes	Programme Outcomes							Programme Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	M	M	M	W	W	M	M	M	M	M	M
CO2	S	S	S	S	S	S	M	M	M	M	M	W
CO3	S	S	S	S	S	W	W	W	M	M	M	N
CO4	S	S	S	S	S	S	S	S	S	M	M	M
CO5	S	M	M	M	M	W	M	M	M	S	S	S

\*S-Strong correlation; M-Moderate correlation; W- Weak correlation, N – No correlation.

COURSE CODE	U2IECA44	PRINCIPLES OF ACCOUNTANCY-II			
ALLIED - IV		L	T	P	C
		4	-	-	4
Cognitive Level		K1: Recall K2: Understand K3: Apply K6: Create			
Learning Objectives		<ol style="list-style-type: none"> <li>1. To help the students to understand the concepts of accounting.</li> <li>2. To help the students to understand the basic principles of accountancy.</li> <li>3. To help the students to understand the application of financial accounting in business.</li> <li>4. To help the students to understand the preparation of income and expenditure account</li> <li>5. To provide knowledge on Insurance claims</li> </ol>			

**Unit-I Self Balancing Ledger**

Self Balancing Ledger

**Unit-II Preparation of final accounts**

Preparation of Final accounts from incomplete records.

**Unit-III Receipts and Payment accounts**

Receipts and Payments accounts.

**Unit-IV Preparation of Income and Expenditure Accounts**

Preparation of Income and Expenditure Accounts from receipts and payment accounts

**Unit-V Insurance claims**

Insurance claims for loss of stock only.

**TEXT BOOKS:**

1. Shukla M.C, Grewal T.S, and Gupta S.C, Advanced Accounts-Vol.2, 19<sup>th</sup> edn, S.Chand, 2016.
2. Pillai R.S.N et-al, Fundamentals of Advanced Accounting-Vol.1, S.Chand, 2012.
3. Pillai R.S.N et-al, Fundamental of Advanced Accounting-Vol.2, S.Chand, 2010.

**REFERENCE BOOKS:**

1. Gupta S.C, Grewal T.S, and Shukla M.C, Shukla & Grewal's Financial Accounting, S.Chand, 2019.
2. Maheswari S.N et-al, Advanced Accountancy-Vol.1, 11<sup>th</sup> edn, Vikas, 2017.
3. Leslie Breitner and Robert Anthony, Essentials of Accounting, 11<sup>th</sup> edn, Pearson, 2011.
4. Mishra K.C and Guria R.C, Financial Management and Insurance Accounting, Cengage Pub, 2009.

**Course Outcomes:**

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

<b>CO1</b>	Understand the procedures of book keeping.	<b>K1</b>
<b>CO2</b>	Prepare final accounts.	<b>K6</b>
<b>CO3</b>	Prepare journals, ledger and cash book.	<b>K6</b>
<b>CO4</b>	Assess the capital and revenue expenditure accounts	<b>K3</b>
<b>CO5</b>	Gain knowledge on Insurance claims	<b>K2</b>

**Mapping:**

Course Outcomes	Programme Outcomes							Programme Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	M	S	S	S	S	S	M	M	M	M	W
CO2	S	M	M	M	S	S	S	S	M	W	N	S
CO3	S	M	S	S	S	M	M	M	S	S	M	S
CO4	S	S	W	S	S	S	M	M	M	M	S	S
CO5	M	S	S	S	N	M	M	M	M	W	S	M

\*S-Strong correlation; M-Moderate correlation; W- Weak correlation, N – No correlation.

COURSE CODE	U21ECE421	CHOICE -I	L	T	P	C
ELECTIVE-II		MARKETING	3	-	-	3
Cognitive Level		K2: Understand K3: Apply K4: Analyze K5: Evaluate				
Learning Objectives		<ol style="list-style-type: none"> <li>To give solid understanding of key marketing concepts and skills.</li> <li>To enable the students to understand the basic aspects of marketing.</li> <li>To perform situation analysis to assess marketing opportunities</li> <li>To make the students to learn about e-commerce and e-marketing.</li> <li>To help the students in developing skills in marketing management</li> </ol>				

### UNIT I: Marketing Concepts

Marketing – Meaning and Definition – Planning – Planning process Types of Marketing Plan, Competitive Marketing Strategies, Interactions between Marketing Mix and Marketing Environment – Marketing objectives –Marketing organization – marketing risk.

### UNIT II: Functions of Marketing

Functions of marketing – concentration – dispersion – Equalisation – buying and assembling – selling – transportation – storage – standardization – grading – AGMARK – ISI – ISO Certification.

### UNIT III: Marketing Information System and Marketing Research

Marketing Information System – meaning and definition – characteristics – need – uses – components – marketing research – need – scope – kinds – procedure for marketing research.

### UNIT IV: State Trading and Pricing

Policies State and marketing in India – State Trading – benefits – pricing policies – factors influencing price – marketable and marketed surplus – methods of sales promotion.

### UNIT V: Commodity Exchange

Commodity exchange – Regulated markets – meaning – functions, working of commodity exchange - methods of trading. Recent Trends in Marketing - E-commerce, E-marketing, E-Retailing, Relationship marketing, Mobile marketing, Green marketing.

### TEXT BOOKS:

- Natarajan N, Marketing, Margham Publications, Chennai, 2017.
- Philip Kotler and Kevin Lane Keller, Marketing Management, 15<sup>th</sup> edn, Pearson, 2015.

**REFERENCE BOOKS:**

1. Sherlekar S.A, Marketing: Principles and Management, Himalaya Pub, 2015.
2. Pillai R.S.N and Bagavathi, Marketing Management, 3<sup>rd</sup> edn, S.Chand, 2012.
3. Kathiresan S and Radha V, Marketing Management, Bhavani Pub, 2011.
4. Mamoria C.B et-al, Marketing Management, Himalaya, 2012.
5. Kapoor D.C., Marketing and Sales Management, Sultan Chand, 2017.

**Course Outcomes:**

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

<b>CO1</b>	Gather, analyse and draw conclusions from market and environmental data.	<b>K2</b>
<b>CO2</b>	Develop marketing strategies such as segmentation, targeting and positioning to achieve company objectives.	<b>K5</b>
<b>CO3</b>	Build an effective marketing plan to promote a company product service.	<b>K4</b>
<b>CO4</b>	Make strategic recommendations and persuasively communicate their recommendations and rationale.	<b>K3</b>
<b>CO5</b>	Develop skills in marketing management	<b>K5</b>

**Mapping:**

Course Outcomes	Programme Outcomes							Programme Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
<b>CO1</b>	S	M	M	M	M	M	S	S	S	M	S	S
<b>CO2</b>	S	S	S	S	S	M	M	M	M	M	M	M
<b>CO3</b>	S	W	S	S	M	M	M	M	M	M	M	M
<b>CO4</b>	S	S	S	S	S	S	S	S	M	M	M	W
<b>CO5</b>	S	M	M	S	S	S	S	S	W	M	M	M

\*S-Strong correlation; M-Moderate correlation; W- Weak correlation, N – No correlation.

COURSE CODE	U21ECE422	CHOICE -II	L	T	P	C
ELECTIVE-II		EXPORT PROCEDURE AND DOCUMENTATION	3	-	-	3
Cognitive Level		K1: Recall K2: Understand K3: Apply K4: Analyze K5: Evaluate				
Learning Objectives		<ol style="list-style-type: none"> <li>1. To improve the knowledge of the students in Export Marketing and procedure.</li> <li>2. To equip the students to gain knowledge and skills in export documentation</li> <li>3. To make the students to be aware of the importance of export licensing</li> <li>4. To prepare the students to be aware of the export finance and post shipment finance.</li> <li>5. To enable the students to understand the factors influencing the export marketing communication.</li> </ol>				

### UNIT I: Preliminaries for Export

Meaning and Definition of export – classification-Strategy and preparation for export marketing-Registration formalities-Export licensing—Selection of Export product-methods of exporting.

### UNIT II: Export Documentation

Aligned Documentation system-certificate of origin-Commercial Invoice , Shipping Bill , Certificate of Origin – Consumer invoice- Pre-shipment procedure- Bill of lading-Types of marine insurance policies

### UNIT III: Export Procedure

Steps in export procedure-Export contract-Forward cover—Export finance-Excise clearance-Pre-shipment inspection-Shipping and custom formalities

### UNIT IV: Export Finance

Export Finance- Need and purpose- time and source – pre- shipment finance- packing credit – period of packing credit – packing credit to sub – suppliers – foreign currency – post shipment finance – export finance in India

### UNIT V: Export Communication

Export Communication – communication process – factors influencing international marketing communication – Export marketing channels of communication - channel of distribution – selection of distribution channel.

### TEXT BOOK:

1. Natarajan L, International Marketing, Margham Publications, Chennai, 2014

**REFERENCE BOOKS:**

1. Madhurima Lall & Sultan Ahmad, Export Import: Procedure and Documentation, Sultan Chand, 2021.
2. Balaji.C.D., International Trade, Margham Publications ,Chennai, 2018
3. John Daniels et-al, International Business, 16<sup>th</sup> edn, Pearson, 2018.
4. Gupta C.B, International Business, S.Chand, 2014.
5. Sankaran.S, International Trade, Margham Publications, 2011.
6. Kapoor D.C, Export Management, Vikas, 2007.

**Course Outcomes**

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

<b>CO1</b>	Gain knowledge in export procedure.	<b>K2</b>
<b>CO2</b>	Understand the export procedure and policy decision	<b>K1</b>
<b>CO3</b>	Apply the Regulation and Prohibition measures of Export	<b>K3</b>
<b>CO4</b>	Evaluate India's Export finance	<b>K5</b>
<b>CO5</b>	Examine the factors influencing international marketing communication.	<b>K4</b>

**Mapping:**

Course Outcomes	Programme Outcomes							Programme Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
<b>CO1</b>	S	M	S	S	M	S	S	S	S	M	M	M
<b>CO2</b>	S	S	S	S	M	S	S	M	N	S	S	W
<b>CO3</b>	S	M	M	M	S	S	S	M	M	M	N	S
<b>CO4</b>	S	S	S	S	S	S	S	S	S	M	M	M
<b>CO5</b>	M	S	M	M	M	M	S	S	W	M	S	S

\*S-Strong correlation; M-Moderate correlation; W- Weak correlation, N – No correlation



COURSE CODE	U21ECN42	ECONOMICS FOR COMPETITIVE EXAMINATIONS	L	T	P	C
NON MAJOR ELECTIVE-II				2	-	-
Cognitive Level		K1: Recall K2: Understand K3: Apply K5: Evaluate K6: Create				
Learning Objectives		<ol style="list-style-type: none"> <li>1. To enable the students to prepare for various competitive examinations.</li> <li>2. To make the students to understand the nature of Indian economy.</li> <li>3. To make the students to understand the current trends in Indian industrial sector.</li> <li>4. To equip the students with the knowledge regarding the relationship between industrial growth and economic development.</li> <li>5. To impart knowledge on New Economic Policy</li> </ol>				

**UNIT I: Features of Indian economy**

Basic features of Indian economy

**UNIT II: Demographic profile**

Demographic Profile of Indian economy.

**UNIT III: Agricultural sector**

Agricultural sector in India

**UNIT IV: Industrial sector**

Industrial Sector in India

**UNIT V: New economic policy**

New Economic Policy in India

**TEXT BOOKS:**

1. Sankaran S, Indian Economy, Margham Publications, 2014.
2. Disha, Expert's Quick Indian Economy for Competitive Exams, Disha Pub, 2018.

**REFERENCE BOOKS:**

1. Sanjay Kumar, Objective Economics: Collection of highly useful questions for Competitive Exams, Ramesh Pub House, 2021.
2. Nitin Singhania, Indian Economy for Civil Services and Other Competitive Examinations, 2<sup>nd</sup> edn, McGraw Hill, 2021.
3. Pranave Nerurkur, Mastering Economy of India: Competitive Exams, Kindle edition, 2020.
4. John Kennedy M, Objective Economics for Competitive Examinations, Himalaya, 2020.

5. Laxmikanth M, Indian Polity for Civil Services and other State Examinations, McGraw Hill, 2019.
6. Pearson, Indian Economy: Objective Questions for all Competitive Exams, Planet knowledge first edition, 2015

**Course Outcomes:**

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

<b>CO1</b>	Aware of the present scenario in Indian economy.	<b>K2</b>
<b>CO2</b>	Understand the demographic profile of India	<b>K1</b>
<b>CO3</b>	Examine the status of agricultural sector.	<b>K3</b>
<b>CO4</b>	Equip with the knowledge regarding the relationship between industrial growth and economic development.	<b>K5</b>
<b>CO5</b>	Create awareness on New Economic Policy of India	<b>K6</b>

**Mapping:**

Course Outcomes	Programme Outcomes							Programme Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	M	S	S	M	S	S	S	S	M	M	M
CO2	S	S	S	M	M	M	M	M	N	S	S	W
CO3	S	M	M	M	S	S	S	M	M	M	N	S
CO4	M	M	S	S	S	S	S	S	S	M	M	M
CO5	M	M	M	M	M	M	S	S	W	M	S	S

\*S-Strong correlation; M-Moderate correlation; W- Weak correlation, N – No correlation.

## SEMESTER-V

COURSE CODE	U21ECT51	INDIAN ECONOMIC DEVELOPMENT-I	L	T	P	C
CORE-VIII			5	-	-	4
Cognitive Level		K1: Recall K2: Understand K3: Apply K4: Analyze K5: Evaluate				
Learning Objectives		<ol style="list-style-type: none"> <li>1. To make the students understand the structure of Indian economic development.</li> <li>2. To help the students to understand the problems of Poverty on Indian economic development and how it should be eradicated.</li> <li>3. To understand the Population Policy of India</li> <li>4. To understand the progress of Human Development</li> <li>5. To understand the Economics Reforms of our country.</li> </ol>				

### UNIT I: Nature and Characteristics

Characteristics of Indian Economy -present scenario – types of economy -Major issues of development - Determination of Economic Development – Economic and non – economic factors.

### UNIT II: Occupational and Social Infrastructure

Economic Development and Occupational Distribution - Worker Participation rate- Concept of Social Sector - Social Infrastructure – Development of general Educational and health Infrastructure- Educational Policy - Health and Family Welfare programmes.

### UNIT III: Demography

Demography details of India-population growth-trends- birth rate and death rate – causes for increase birth rate in India – measures to control population growth-population policy in India.

### UNIT IV: Human Development

Concept of Human Development - Human Development Index - Gender Related Development Index – Human Poverty Index – National Human Development Report – Progress of Human Development in India.

### UNIT V: Poverty and inequality

Concept of Poverty – Estimates of Poverty in India – Causes for Poverty - vicious circle of poverty - inequality – types of inequality-Economic Reforms and reduction of poverty and inequality- Sen poverty index -Gini co-efficient.

#### TEXT BOOKS:

1. Sankaran S., Indian Economy, Margham Publications, 2014.
2. Dutt R & Sundaram K.P.M, Indian Economy, S.Chand, 72<sup>nd</sup> edn, 2016.

#### REFERENCE BOOKS:

1. Dristi Experts and Manohar Pandey, Indian Economy, Dristi Publication, 2020.
2. Vaishnavi Shankar, Indian Economy, Kiran Prakashan Publication, 2019.
3. Government of India: India Vision, Academic Foundation, New Delhi.2020
4. Sanjiv Verma, The Indian Economy, Unique Pub, 2018.

5. Ramesh Singh, Indian Economy, 10<sup>th</sup> edn, McGraw Hill, 2018.
6. Bhole L.M, Financial Institutions and Markets, 6<sup>th</sup> edn, McGraw Hill, 2017.

**Course Outcomes:**

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

<b>CO1</b>	Learn about the nature of the Indian Economy and its basic characteristics.	<b>K1</b>
<b>CO2</b>	Discuss the magnitude of Social infrastructure in Indian Economic Development.	<b>K2</b>
<b>CO3</b>	Analyse the availability of human resources and make use of it.	<b>K4</b>
<b>CO4</b>	Examine the extent of Poverty and inequality and overcome in the society.	<b>K3</b>
<b>CO5</b>	Evaluate the Power of Various transport system and its impact .	<b>K5</b>

**Mapping:**

Course Outcomes	Programme Outcomes							Programme Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	S	S	S	S	M	M	M	W	S	S	M
CO2	S	M	M	S	S	S	W	S	S	S	M	M
CO3	S	S	M	M	M	M	M	M	S	S	M	N
CO4	M	S	W	S	S	S	S	S	S	W	M	M
CO5	M	S	M	M	M	N	S	S	W	S	S	M

\*S-Strong correlation; M-Moderate correlation; W- Weak correlation, N – No correlation.

COURSE CODE	U21ECT52	MATHEMATICAL ECONOMICS-I			
CORE-IX		L	T	P	C
		5	-	-	4
Cognitive Level		K1: Recall K2: Understand K3: Apply K6: Create			
Learning Objectives		<ol style="list-style-type: none"> <li>To enable the students to understand the fundamentals of mathematics.</li> <li>To impart various mathematical methods.</li> <li>To improve the mathematical knowledge of the students..</li> <li>To help the students to understand the relationship between economics and mathematics</li> <li>To help the students to calculate the changes in basic economic variables</li> </ol>			

**UNIT I: Introduction**

Use of Mathematical Techniques in Economics – Basic Rules of Arithmetic Operations – simple operations with common and decimal fraction – Algebraic Symbolism – Exponents and Radicals

**UNIT II: Equations**

Solution to linear equations – Linear Equation in one Variable – Simultaneous Linear Equation with Two and Three Variables

**UNIT III: Application of linear equation in economics**

Application of Linear Equation In Economics With reference to Linear demand function and Linear supply function only – Quadratic Equation (by using standard quadratic formula only)

**UNIT IV: Logarithm**

Logarithm – Definition – Formula (Product, Quotient, Exponent – No proof needed) – Calculation using logarithmic tables (simple problems only)

**UNIT V: Set theory**

Set Theory – Definition – Types of sets – Set operations - Union of sets – Intersection of sets - Difference of Sets- Complement of a sets - De-Morgan's law - Venn diagram (for 2 & 3 sets) – Problems for 2 sets and 3 sets and also using Venn diagram.

**TEXT BOOKS:**

- Bose D, An Introduction to Mathematical Economics, Himalaya Publishing House, 2018.
- Prabakar Pawas & Alka Budhiraja, A Text on Mathematical Economics, Academic Foundation, 1995.

**REFERENCE BOOKS:**

- Kunt Sydsaeter & Peter J. Hammond, Mathematics for Economics Analysis, Pearson Publication, 2020.
- Joshi R.C and Nancy, Mathematical Methods in Economics-II, Vishal Pub, 2019.
- Agarwal C.S and. Joshi R.C, Mathematics for Students of Economics, The New Academic Publishing, 2017.

4. Nik Hashim Nik Mustapha, Mathematical Economics with Application, University Malaysia Teragganu Publication, 2015
5. Vali Shapoor, Principles of Mathematical Economics, Attantis, 2014.

**Course Learning Outcomes:**

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

<b>CO1</b>	Apply mathematical formula in practical life.	<b>K3</b>
<b>CO2</b>	Understand the mathematical methods which are useful for economic study.	<b>K1</b>
<b>CO3</b>	Apply the Mathematics knowledge into Economics Theory	<b>K3</b>
<b>CO4</b>	Identify the relationship between economics and mathematics	<b>K2</b>
<b>CO5</b>	Calculate the changes in basic economic variables	<b>K6</b>

**Mapping:**

Course Outcomes	Programme Outcomes							Programme Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
<b>CO1</b>	S	M	M	M	M	M	S	S	S	W	M	M
<b>CO2</b>	S	S	S	M	S	M	M	S	M	S	S	S
<b>CO3</b>	S	S	M	S	S	M	W	M	S	W	N	M
<b>CO4</b>	M	S	S	W	S	N	S	M	W	M	S	S
<b>CO5</b>	S	M	S	S	M	M	W	W	S	S	M	S

\*S-Strong correlation; M-Moderate correlation; W- Weak correlation, N – No correlation.

COURSE CODE	U21ECT53	INTERNATIONAL ECONOMICS			
CORE-X		L	T	P	C
		5	-	-	4
Cognitive Level		K1: Recall K2: Understand K3: Apply K5: Evaluate			
Learning Objectives		<ol style="list-style-type: none"> <li>1. To enable the students to understand the working and application of open economic system.</li> <li>2. To enable the students to understand the consequences of international trade.</li> <li>3. To enable the students to understand the general concepts of international economics</li> <li>4. To provide knowledge on the concepts of balance of payments and the terms of trade</li> <li>5. To provide knowledge on exchange rate</li> </ol>			

**UNIT I: International trade**

International Trade – Meaning – features Advantages and Disadvantages – Internal vs International Trade.

**UNIT II: Theories of International trade**

Classical Theory of International Trade – Hickscher Ohlin theory of International Trade – Free Trade vs Protection. Arguments for and Against Protection.

**UNIT III: Balance of Payment**

Balance of Trade and Balance of Payment – causes for Disequilibrium in balance of payments – Measures to correct it – BOP in India – Recent Position.

**UNIT IV: Exchange rates**

Foreign Exchange – Exchange rates - Determination – Theories – Mint Par Parity – Fixed and Flexible Exchange rates - Advantages and disadvantages.

**UNIT V: International Financial Institutions**

International Financial Institutions - Working of IMF, IBRD, IDA, International Liquidity, UNCTAD, New International Economic Order - WTO.

**TEXT BOOKS:**

1. Jhingan M.L, International Economics, 7<sup>th</sup> edn, Vrindha Pub, 2016.
2. Mithani D.M, International Economics, Himalaya Publishing House, Mumbai, 2015.

**REFERENCE BOOKS:**

1. Francis Cherunilam, International Economics, 6<sup>th</sup> edn, McGraw Hill, 2020.
2. Mannur H.G, International Economics, 2<sup>nd</sup> edn, Vikas, 2018.
3. Desai S.S.M, International Economics, Himalaya Publishing House, 2017.
4. Dominic Salvatore, International Economics: Trade and Finance, Wiley, 2014.
5. Gupta K.R, International Economics, Atlantic Pub, 2009.

**Course Outcomes:**

On the successful completion of the course, student will be able to:

<b>CO1</b>	Understand the significance of international trade.	<b>K1</b>
<b>CO2</b>	Identify the importance of comparative cost concept in international trade	<b>K3</b>
<b>CO3</b>	Examine the functioning of the international financial institutions	<b>K2</b>
<b>CO4</b>	Understand the concepts of balance of payments and the terms of trade	<b>K1</b>
<b>CO5</b>	Evaluate the importance of the concept of exchange rate in international trade	<b>K5</b>

**Mapping :**

Course Outcomes	Programme Outcomes							Programme Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	M	S	S	S	M	S	S	S	S	M	S
CO2	S	S	S	W	S	S	S	M	M	M	S	M
CO3	S	W	S	M	S	S	S	W	S	W	S	M
CO4	S	S	S	S	S	M	S	S	W	S	S	S
CO5	S	S	M	N	M	S	S	S	S	S	M	S

\*S-Strong correlation; M-Moderate correlation; W- Weak correlation, N – No correlation.



COURSE CODE	U21ECT54	HISTORY OF ECONOMIC THOUGHT	L	T	P	C
CORE-XI			5	-	-	4
Cognitive Level		K1: Recall K3: Apply K4: Analyze K5: Evaluate K6: Create				
Learning Objectives		<ol style="list-style-type: none"> <li>1. To provide knowledge on basic concepts of economics.</li> <li>2. To make the students to know about contribution of various economists.</li> <li>3. To provide theoretical knowledge about recent Indian economics thought.</li> <li>4. To make the analytical interest in the Marxian Economics.</li> <li>5. To understand the application of economic theories.</li> </ol>				

### UNIT I: Ancient Economic Thought

Introduction – Ancient Economic Thought –The Greek. Plato – Aristotle – The Roman – Kautilya's Arthasastra – Thiruvalluvar.

### UNIT II: Medieval Economic Thought

Medieval Economic Thought – St. Thomas Aquinas- Mercantilism- Sir Thomas Mun- James Steuart- Physiocrates–Quessnay- Jacques- Classical Thoughts- Adam Smith- Malthus.

### UNIT III: Economic Ideas of Marx

Karl Marx ideas – Dialectical Materialism- Theory of Class Struggle – Theory of Value and Distribution - Theory of Surplus Value- Industrial reserve army- Marxian Prediction - Scientific Socialism

### UNIT IV: Economic ideas

Alfred Marshal – Keynes - J.B.Clark - J.B.Say - J.S.Mill - Irving Fisher - A.C.Pigou –Walras – Pareto - Their theories and Economic ideas.

### UNIT V: Recent Indian Economic Thought

Recent Indian Economic Thought – Dada BaiNaoroji - M.K.Gandhi– Nehru- B.R.Ambedkar - VKRV Rao – AmartyaSen

### TEXT BOOK:

1. Loganathan V, History of Economic Thought, S.Chand, 2012
2. Ganguli B. N, Indian economic Thought: A 19<sup>th</sup> Century Perspective, Tata McGraw Hill, 2013.

### REFERENCE BOOKS:

2. Sankaran S, History of Economic Thought, Margham Publication, 2014.
- 3 Seshadri G. B, Economic Doctrines, B. R. Publishing Corporation, 2014.
- 4 Jhingan M.L, Girija M, and Sasikala L, History of Economic Thought, 3<sup>rd</sup> edn, Kindle Edition, 2014.
- 5 Hajela T.N, History of Economic Thought, 18<sup>th</sup> edn, Ane Books, 2011.
- 6 Blackhouse R, A History of Modern Economic Analysis, Basil Blackwell Oxford, 2011.

**Course Outcomes:**

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

<b>CO1</b>	Get knowledge about thinking of various school of economists.	<b>K1</b>
<b>CO2</b>	Evaluate of economic ideas.	<b>K4</b>
<b>CO3</b>	Develop a positive attitude towards economic ideas.	<b>K6</b>
<b>CO4</b>	Get analytical interest in the Marxian Economics.	<b>K5</b>
<b>CO5</b>	Understand the application of economic theories.	<b>K3</b>

**Mapping:**

Course Outcomes	Programme Outcomes							Programme Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	S	M	M	S	M	W	S	M	M	M	S
CO2	S	S	M	S	S	W	M	S	S	S	M	M
CO3	S	S	S	M	S	M	N	S	W	M	M	N
CO4	S	S	S	M	S	M	M	S	S	S	S	S
CO5	S	S	M	S	M	M	M	S	M	M	M	M

\*S-Strong correlation; M-Moderate correlation; W- Weak correlation, N – No correlation.

COURSE CODE	U21ECT55	AGRICULTURAL ECONOMICS			
CORE-XII		L	T	P	C
		5	-	-	4
Cognitive Level		K1: Recall K3: Apply K4: Analyze K5: Evaluate K6: Create			
Learning Objectives		<ol style="list-style-type: none"> <li>1. To make the students to understand the features of Indian Agriculture</li> <li>2. To make the students to understand the role of Institutional agencies for Agricultural credit</li> <li>3. To equip the students with the knowledge regarding the relationship between Agricultural economy and Indian economy</li> <li>4. To engage the students in the analysis of debt crisis in the farm sector.</li> <li>5. To impart knowledge on agriculture policy in India</li> </ol>			

### UNIT I: Agricultural and economic Development

Agricultural Development – Role of Agriculture in Indian Economy- Agricultural Development under Five Year Plans- Productivity in Agriculture – Causes for Low Productivity- Measures to improve Productivity.

### UNIT II: Agricultural Productivity

Productivity in Indian Agriculture, Measuring Agriculture Productivity, Farm size, Cropping Pattern – Mechanisation – Advantages and Limitations- Farm Size and Efficiency - Agricultural Labour and Wages – women in Agriculture, wage discrimination. Green Revolution- Problems of small and marginal farmers.

### UNIT III: Agricultural Price Policy

Size of land holdings- Tenancy systems and Land Reforms – Supply of Inputs: Irrigation, Power, Seed and Fertilizer – Pricing of Inputs – Agricultural price policy in India – Minimum support price – objectives of price policy, Food security in India, PDS– Crop Insurance.

### UNIT IV: Agricultural Finance and Agencies

Agricultural Credit in India - Agricultural Indebtedness – causes – remedies - Institutional agencies supplying Agricultural finance: Co-operatives, Commercial Banks, and Regional Rural Banks, NABARD. Role of Rural Credit Institutions. NBFC and agricultural credit.

### UNIT V: Agricultural Marketing

Agricultural Markets- Definition and Scope – Recent State of Agricultural Marketing- Role and Functions of efficient marketing system - Types of Agricultural markets – cooperative marketing and regulated markets - New Agricultural policy.

### TEXT BOOKS:

1. P.K. Gupta, Agricultural Economics, Vrinda Publication, Reprint 2020.
2. Singh C.B, and Singh R.K, A Textbook of Agricultural Economics, Lakshmi Publications, 2011.

**REFERENCE BOOKS:**

1. Andrew Barkley and Paul W Barkley, Principles of Agricultural Economics, Routledge, 2020.
2. Gail L.Cramer, Krishna P. Pandel and Andrew Schmitz, The Routledge Handbook of Agricultural Economics, Routledge, 2019.
3. Reddy S.S et-al, Agricultural Economics, 2<sup>nd</sup> edn, Oxford Pub, 2019.
4. Dhingra I.C, The Indian Economy, 28<sup>th</sup> edn, Sultan Chand, 2014.
5. Agarwal A.N., Indian Economy: Problems of Development and Planning 37<sup>th</sup> edition, New Age International Publishers, 2014.
6. P.Mala, Agricultural Economics, Dominant Publishers, 2014.

**Course Outcomes:**

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

<b>CO1</b>	Get knowledge on the status of agricultural sector	<b>K1</b>
<b>CO2</b>	Develop the skills in the measurement of productivity.	<b>K6</b>
<b>CO3</b>	Apply their theoretical knowledge in pricing of agricultural products.	<b>K3</b>
<b>CO4</b>	Analyse of debt crisis in the farm sector.	<b>K4</b>
<b>CO5</b>	Gain knowledge about agriculture policy in India	<b>K1</b>

**Mapping:**

Course Outcomes	Programme Outcomes							Programme Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	M	M	M	M	S	S	S	M	M	W	S
CO2	S	S	S	S	M	M	W	S	S	M	M	M
CO3	S	M	M	S	S	M	M	W	M	M	M	S
CO4	S	M	S	M	S	S	S	M	M	N	S	S
CO5	S	S	S	M	M	M	M	S	S	M	M	M

\*S-Strong correlation; M-Moderate correlation; W- Weak correlation, N – No correlation.

COURSE CODE	U21ECE531	CHOICE -I	L	T	P	C
ELECTIVE-III		HUMAN RESOURCE MANAGEMENT	3	-	-	3
Cognitive Level		K1: Recall K2: Understand K3: Apply K4: Analyze K5: Evaluate				
Learning Objectives		<ol style="list-style-type: none"> <li>To enhance the knowledge of students in theories of human resource management.</li> <li>To make the students to understand the importance of human health.</li> <li>To make the students to understand the importance of human capital in economic development.</li> <li>To enhance the knowledge of the students on staff recruitment and selection, employee relations management, staff training and job evaluation.</li> <li>To impart knowledge on the concept of employee empowerment</li> </ol>				

### UNIT I: Introduction to Human Resource Management

Definition and Concept, Features, Objectives, Functions, Scope and Development of Human Resource Management, Importance of Human Resource Management, Human Resource Practices,

### UNIT II: HRM and Personnel Management

Introduction, Concept of Personnel Management, Personnel Management in India, Functions of the Labour Welfare Officer, Difference between Personnel Management and HRM

### UNIT III: Human Resource Planning

Human Resource Planning - Concept -Objectives- Need-Process- Benefits- Problems - Factors in HRP.

### UNIT IV: Job Analysis

Job Analysis- Job Description and work design-Recruitment- Concept and Types of Recruitment- Selection- Concept and Process of Selection- Training- Concept and Types of Training- Performance Appraisal-Concept and Methods of Performance Appraisal- Job evaluation.

### UNIT V: Employee Empowerment

Introduction, Concept of Employee Empowerment, Process of Empowerment, Empowerment in Indian Scenario, Empowerment in Global Scenario.

### TEXT BOOK:

- Jaysankar J, Human Resource Management, Margham Publications, 2013.

### REFERENCES BOOKS:

- Rao V.S.P, Human Resource Management, 2<sup>nd</sup> edn, Taxmann Pub, 2020.

2. Chhabra T.N and Monica S Chhabra, Essentials of Human Resource Management, Sun India Pub, 2020.
3. Aswathappa K, Human Resource Management: Text and Cases, 8<sup>th</sup> edn, McGraw Hill, 2017.
4. Mira S Saiyadain, Human Resources Management, 4<sup>th</sup> edn, McGraw Hill, 2008.
5. Gupta, C.B, Human Resource Management, Sultan Chand & Sons, 2012.

### Course Outcomes:

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

<b>CO1</b>	Equip with the management skills and human behavioural knowledge for a career in human resource management.	<b>K5</b>
<b>CO2</b>	Get understanding in the intellectual, social and personal development .	<b>K2</b>
<b>CO3</b>	Practically manage and coordinate people to achieve strategic business objectives.	<b>K3</b>
<b>CO4</b>	Exercise staff recruitment and selection, employee relations management, staff training and job evaluation.	<b>K4</b>
<b>CO5</b>	Gain knowledge on the concept of employee empowerment.	<b>K1</b>

### Mapping:

Course Outcomes	Programme Outcomes							Programme Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
<b>CO1</b>	S	M	M	S	M	S	M	W	S	M	S	M
<b>CO2</b>	S	S	M	W	N	S	M	M	M	N	S	S
<b>CO3</b>	S	M	S	S	M	M	S	W	S	M	S	M
<b>CO4</b>	S	M	M	W	S	M	M	M	M	N	S	M
<b>CO5</b>	S	S	M	M	N	S	S	M	W	N	S	S

\*S-Strong correlation; M-Moderate correlation; W- Weak correlation, N – No correlation.

COURSE CODE	U2IECE532	CHOICE -II	L	T	P	C
ELECTIVE-III		POPULATION STUDIES	3	-	-	3
Cognitive Level		K1: Recall K2: Understand K4: Analyze K6: Create				
Learning Objectives		<ol style="list-style-type: none"> <li>To make the students to understand the relationship between population growth and economic development.</li> <li>To help the students to understand the reasons for migration.</li> <li>To understand the population policy in India</li> <li>To equip the students with the knowledge regarding the population policy of India</li> <li>To understand the population trends in India.</li> </ol>				

### UNIT I: Population Science, Demography and Development

Population and Economic development- Population and environment -Implications of population Growth on Regional imbalances-Population Science and Demography- Meaning and scope of demography; components of population growth .

### UNIT II: Theories of population growth

Malthusian Theory of Population- Optimum Theory of Population- Theory of Demographic Transition.

### UNIT III: Fertility, Nuptiality and Mortality

Fertility, Nuptiality and Mortality-Importance of study of fertility – Factors affecting fertility – Socio-economic factors. Nuptiality – Concept and analysis of marital status, Mortality – Death rates, crude and age-specific; Mortality at birth and infant mortality rate.

### UNIT IV: Migration and Urbanization

Migration and Urbanization-Concept and types – Temporary, internal and international; International migration –Its effect on population growth and pattern; Factors affecting migration; Urbanization – Growth and distribution of rural- Urbanization in India.

### UNIT V: Population Policy

Population Policy in India-Evolution of population policy in India – The shift in policy from population control to family welfare, to women empowerment; Family planning programmes. Population trend in India

### TEXT BOOK:

- Jhingan M.L, Bhatt B.K. and Desai J.N., Economic Planning and Development, 3rd edn, Vrinda Publication, 2019.
- Jain R.K, A Textbook of Population Studies, Neha Publishers, 2013.

### REFERENCE BOOKS:

- Rajendra Kumar Sharma, Demography and Population Problems, Atlantic Pub, 2020.
- Tim Dyson, A Population History of India: From the First Modern People to the Present Day, Oxford University Press, 2018.

3. Krishnamurthy Srinivasan, Population Centres in India: Shifting Trends, Policies and Programs, Sage, 2017.
4. Pathak K.B and Ram F, Techniques of Demographic Analysis, Himalaya, 2016.
5. Majumdar P.K, India's Demography: Changing Demographic Scenario in India, Rawat Pub, 2013.
6. Mahendra K Premi, India's Changing Population Profile, National Book Trust, 2011.

### Course Outcomes

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

<b>CO1</b>	Understand the growth of population in India	<b>K1</b>
<b>CO2</b>	Know about the theories of Population	<b>K2</b>
<b>CO3</b>	Understand the concepts of Fertility, Nuptiality and Mortality.	<b>K1</b>
<b>CO4</b>	Analyse the reasons for migration.	<b>K4</b>
<b>CO5</b>	Develop a proactive attitude towards the population policy	<b>K6</b>

### Mapping:

Course Outcomes	Programme Outcomes							Programme Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	M	S	S	S	S	S	M	W	W	S	S
CO2	S	S	S	M	S	M	S	W	M	N	S	S
CO3	M	S	S	S	S	M	S	W	M	M	M	S
CO4	M	S	S	S	M	W	S	M	M	S	S	S
CO5	S	S	S	N	S	M	M	W	S	M	S	S

\*S-Strong correlation; M-Moderate correlation; W- Weak correlation, N – No correlation.



COURSE CODE	U21ECS53								
SKILL BASED ELECTIVE-III		ECONOMICS OF TOURISM				L	T	P	C
						2	-	-	2
Cognitive Level		K1: Recall K2: Understand K3: Apply K4: Analyze							
Learning Objectives		<ol style="list-style-type: none"> <li>1. To make the students to understand the role of tourism as an economic intervention and its significance in economy.</li> <li>2. To make the students to understand the economic importance of tourism</li> <li>3. To provide the knowledge about travel agents &amp; tour operators</li> <li>4. To emphasize on various tourism organization that brings about its development.</li> <li>5. To give understanding in the global nature of the tourism Industry</li> </ol>							

### UNIT I: Economic importance of Tourism

Concepts- Definitions - Types of tourist- Types and Forms of Tourism;-Tourism system- Economic importance of Tourism – Contribution to National Income – Tourism and employment – Tourism and Foreign Gains.

### UNIT II: Travel motivation

Factors influencing the growth of Tourism – Need for Rest and Relaxation – Travel Motivation – Participation in sports – Business activities.

### UNIT III: Employment and Income creation

Employment and Income creation, Tourism Multiplier Effects, Balance of Payments, Foreign Exchange

### UNIT IV: Tourism planning and tour operators

Tourism Planning- Need and Importance, Travel Agents and Tour operators -Role of Tourism Development Corporation in India.

### UNIT V: Tourism Organizations:

Objectives and Role of ITDC- TTDC –IRCTC- IATO and Civil Aviation in development- Tourism in the Era of Globalisation.

### TEXT BOOKS:

1. Jagmohan Negi, Travel Agency and Tour Operator, Kanishka Publishing House, 2012
2. Bhatia A.K, Tourism Development and Principles, Sterling Publishers, 2014

### REFERENCE BOOKS:

1. Seth Praveen, Tourism: Today and Tomorrow, New Delhi, Anmol Publications, 2019.
2. Seth P.N and Bhat S.S, An Introduction to Travel and Tourism Management, Sterling Publication, 2017.
3. Bhatia A.K, Tourism in India, New Delhi, Sterling Publishers, 2016.
4. Ratan Deepsingh, Dynamics of Tourism, Kanishka Publishers, 2015.
5. Kaul R.N, Dynamics of Tourism, Sterling Publishers, 2013.
6. Singh P.K, Fifth Year of Indian Tourism, Kanishka Publishers, 2010.

**Course Outcomes:**

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

<b>K3</b>	<b>CO1</b>	Trace the impact of the tourism as a factor for development in all fields, viz., socioeconomic, ecological impacts.
<b>K4</b>	<b>CO2</b>	Analyse the impact of tourism on employment and income creation.
<b>K2</b>	<b>CO3</b>	Gain knowledge about travel agents and tour operators
<b>K2</b>	<b>CO4</b>	Get knowledge on various tourism organization that brings about its development.
<b>K1</b>	<b>CO5</b>	Understand the global nature of the tourism Industry

**Mapping:**

Course Outcomes	Programme Outcomes							Programme Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	M	M	W	S	S	W	M	S	M	W	M
CO2	W	S	M	S	M	M	S	S	M	W	S	M
CO3	S	M	M	W	S	M	S	M	S	M	W	M
CO4	S	W	S	M	S	M	M	M	M	W	S	M
CO5	S	W	S	M	S	S	M	W	S	M	S	M

\*S-Strong correlation; M-Moderate correlation; W- Weak correlation, N – No correlation.

## SEMESTER-VI

COURSE CODE	U21ECT61	INDIAN ECONOMIC DEVELOPMENT-II			
<b>CORE XIII</b>		<b>5</b>	<b>-</b>	<b>-</b>	<b>4</b>
<b>Cognitive Level</b>		<b>K1: Recall K2: Understand K3: Apply K4: Analyze</b>			
<b>Learning Objectives</b>		<ol style="list-style-type: none"> <li>1. To make the students to understand the status of Indian agriculture.</li> <li>2. To enable the students to have an understanding of the various issues/components of the Indian Economy.</li> <li>3. To provide knowledge on economic planning of India.</li> <li>4. To impart the knowledge of economic reforms in India</li> <li>5. To provide knowledge on inclusive growth</li> </ol>			

### UNIT I: Agricultural Scenario

Role of Agriculture in Indian Economy - Causes for Low Productivity - Measures to Improve Productivity – Green Revolution - New Thrust Areas in Agriculture - New Agricultural Strategy.

### UNIT II: Unemployment in India

Meaning – Concepts of Unemployment – Types of Unemployment – Causes for Unemployment – Remedial Measures for Unemployment.

### UNIT III: Planning in India

Meaning and Significance of Planning – Types – Objectives of Economic Planning – Strategies – Review of Indian Five Year Plans – Targets, achievements and failures.

### UNIT IV: Economic Reforms

Internal and External Reforms – New economic policy and India- WTO and its impact on the different sectors of the economy – Financial Sector Reforms – inclusive growth- goals and achievement.

### UNIT V: Industrial Scenario

Definition of cottage, Small, medium and large Scale – Importance - Problems – Remedies – Public Sector Undertakings (PSUs) Role of PSUs in India – Causes for the Failure of PSUs in India – KVIC in India – development of basic and heavy industries in India- New Industrial Policy 1991.

### TEXT BOOKS:

1. Sankaran S., Indian Economy, Margham Publications, 2014.
2. Dutt R & Sundaram K.P.M, Indian Economy, S.Chand, 72<sup>nd</sup> edn, 2016.

### REFERENCE BOOKS:

1. Dristi Experts and Manohar Pandey, Indian Economy, Dristi Publication, 2020.
2. Government of India: India Vision, Academic Foundation, New Delhi.2020
3. Vaishnavi Shankar, Indian Economy, Kiran Prakashan Publication, 2019.
4. Sanjiv Verma, The Indian Economy, Unique Pub, 2018.

5. Ramesh Singh, Indian Economy, 10<sup>th</sup> edn, McGraw Hill, 2018.
6. Mishra S.K, & Puri V.K, Indian Economy, Himalaya Publishing House, 2011.

**Course Outcomes:**

On the successful completion of the course, student will be able to:

<b>CO1</b>	Understand the agricultural scenario of India.	<b>K1</b>
<b>CO2</b>	Understand the concepts of unemployment and measures to solve the unemployment in India.	<b>K1</b>
<b>CO3</b>	Gain knowledge in economic planning of India.	<b>K2</b>
<b>CO4</b>	Examine economic reforms of India	<b>K4</b>
<b>CO5</b>	Get insights in the concept of inclusive growth	<b>K3</b>

**Mapping:**

Course Outcomes	Programme Outcomes							Programme Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	S	S	M	S	S	S	S	S	S	M	S
CO2	S	M	S	S	M	S	M	S	M	S	S	S
CO3	M	M	S	S	W	M	S	S	S	M	S	W
CO4	S	S	S	M	M	S	W	M	S	M	M	M
CO5	S	S	S	S	W	M	S	S	W	M	W	M

\*S-Strong correlation; M-Moderate correlation; W- Weak correlation, N – No correlation.

COURSE CODE	U21ECT62	MATHEMATICAL ECONOMICS-II			
CORE XIV		L	T	P	C
		5	-	-	4
Cognitive Level		K1: Recall K2: Understand K3: Apply K4: Analyze			
Learning Objectives		<ol style="list-style-type: none"> <li>To enable the students to understand the fundamentals of mathematics.</li> <li>To enable the students to understand the practical applications of mathematics in research.</li> <li>To improve the mathematical knowledge of the students.</li> <li>To provide the knowledge of application of derivatives in economic concepts</li> <li>To develop the knowledge of Linear Programming</li> </ol>			

**UNIT I: Matrices**

Matrices – Meaning – Types of Matrices – Operations of Matrices (Addition, Subtraction and Multiplication) – Transpose of Matrix- Inverse of matrix- Solution of linear equations by Cramer's rule

**UNIT II: Analytical geometry of two dimensions**

Equation of straight line- slope intercept form-point slope form-Two point form- Two intercept form-Concurrent lines- Two straight line.

**UNIT III: Differentiation**

Differentiation – Meaning – Basic Rules of Differentiation – Higher Order Differentiation (First and Second Order only) – Calculation Using Addition, Subtraction, Product Quotient and function of function rule)

**UNIT IV: Application of derivatives in economics**

Average Cost and Marginal Cost – Average and Marginal Revenues – Maxima and Minima – Profit and Sales Maximization

**UNIT V: Linear programming**

Linear Programming – Introduction – Meaning – Basic Concepts – Mathematical Formulation of Linear Programming – Problem and its Solution by graphical Method Only.

**TEXT BOOKS:**

- Bose D, An Introduction to Mathematical Economics, Himalaya Publishing House, 2018.
- Manoharan M, and Elango C, Business Mathematics, Palani Paramount Publications, 2018.

**REFERENCE BOOKS:**

- Kunt Sydsaeter & Peter J. Hammond, Mathematics for Economics Analysis, Pearson Publication, 2020.
- Joshi R.C and Nancy, Mathematical Methods in Economics-II, Vishal Pub, 2019.
- Wilson Mion, Introduction to Mathematical Economics, 2018.

4. Agarwal C.S and. Joshi R.C, Mathematics for Students of Economics, The New Academic Publishing, 2017.
5. Nik Hashim Nik Mustapha, Mathematical Economics with Application, University Malaysia Teragganu Publication, 2015.
6. Sancheti D.C and Kapoor V.K, Business Mathematics, 11<sup>th</sup> edn, Sultan Chand, 2014.

### Course Outcomes:

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

<b>CO1</b>	Gain the knowledge of matrix operation including addition, subtraction, multiplication and transposition	<b>K2</b>
<b>CO2</b>	Apply mathematical formula in practical life.	<b>K3</b>
<b>CO3</b>	Apply their acquired knowledge in research	<b>K3</b>
<b>CO4</b>	Understand the applications of derivatives in economic concepts	<b>K4</b>
<b>CO5</b>	Get knowledge in Linear Programming	<b>K1</b>

### Mapping:

Course Outcomes	Programme Outcomes							Programme Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	N	N	W	S	W	M	N	N	S	W	N	M
CO2	M	M	M	M	M	M	W	M	S	M	W	M
CO3	S	M	M	M	W	M	W	M	S	W	W	M
CO4	S	M	W	M	M	S	W	M	S	M	N	W
CO5	W	N	N	S	W	M	W	M	S	N	N	M

\*S-Strong correlation; M-Moderate correlation; W- Weak correlation, N – No correlation.

COURSE CODE	U21ECT63	PUBLIC FINANCE			
CORE XV		L	T	P	C
		5	-	-	4
Cognitive Level		K1: Recall K2: Understand K4: Analyze K6: Create			
Learning Objectives		<ol style="list-style-type: none"> <li>To enable the students to understand the concepts of public finance.</li> <li>To enable the students to understand and analyze the role and functions of the government and the impact of financial operations on economic activities.</li> <li>To enable the students to understand the policies of government related to financial administrations.</li> <li>To make the students to understand the concept of public debt with its causes, effects and management</li> <li>To provide knowledge in the framework of budget and overview of current Union Budget.</li> </ol>			

### UNIT I: Scope of Public Finance

Public Finance – Definition- Scope- Public Finance and Private finance- Principles of Maximum Social Advantage- Public goods and Private goods

### UNIT II: Sources of Public revenue

Sources of Public Revenue – Taxes – Canons of Taxation–Principles of Taxation Classification of Tax – Direct and Indirect taxes—A brief note on different taxes – GST in India - Effects of Taxes

### UNIT III: Public Expenditure

Public Expenditure - Meaning - Definition – Causes for the growth of Public expenditure In India – Canons of public Expenditure- Effects of public expenditure- Control of public expenditure.

### UNIT IV: Public debt and Budget

Public debt – Meaning – classification of public debt –causes, effects and redemption of public debt - Budget - Meanings and objective of budget- structure of budget- et- Budgetary procedure in India- – A overview of Current Union budget.

### UNIT V: Fiscal Federalism

Meaning – Principles of Fiscal Federalism – Objectives of Finance Commission – Recommendations of 13th, 14th and 15th Finance Commission – Co-operative Federalism- NITI Aayog - Centre State Financial Relations.

### TEXT BOOKS:

- Kavery, SudhaNaik , Public Finance (Fiscal Policy), S.Chand & Co, 2010.
- Tyagi B.P, Public Finance, Jai Prakash Nath& Co., 2015.

**REFERENCE BOOKS:**

1. Varshney J.C, Public Finance, SBPD Publishing, 2021.
2. Seth M.L, Money, Banking, International Trade and Public Finance, Lakshmi Narain Agarwal Pub, 2020.
3. Mithani M.D, Money, Banking, International Trade and Public Finance, 20<sup>th</sup> edn, Himalaya Publishing House, 2018.
4. Hajela, T.N, Money, Banking and International Trade, 9<sup>th</sup> edn, Books Wagon Pub, 2016.
5. Hajela, T.N, Money, Banking and Public Finance, Ane Books, 2009.
6. Bhatia H.L, Public Finance, 30<sup>th</sup> edn, S.Chand, 2000.

**Course Outcomes:**

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

<b>CO1</b>	Understand the importance of public finance in economic development	<b>K1</b>
<b>CO2</b>	Get in-depth knowledge in public expenditure especially the significance and effects of increase in public expenditure	<b>K2</b>
<b>CO3</b>	Examine the ways in which direct and indirect taxes are levied for augmenting financial resources towards economic development	<b>K4</b>
<b>CO4</b>	Understand the concept of public debt with its causes, effects and management	<b>K1</b>
<b>CO5</b>	Develop the framework of budget and overview of current Union Budget.	<b>K6</b>

**Mapping:**

Course Outcomes	Programme Outcomes							Programme Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
<b>CO1</b>	S	M	S	S	S	S	S	W	S	W	S	M
<b>CO2</b>	S	M	S	S	M	S	M	M	M	S	S	M
<b>CO3</b>	S	M	M	M	N	S	W	M	M	N	S	M
<b>CO4</b>	S	M	W	M	M	S	M	W	M	M	S	M
<b>CO5</b>	S	M	S	M	W	S	S	M	M	M	S	M

\*S-Strong correlation; M-Moderate correlation; W- Weak correlation, N – No correlation.



COURSE CODE	U21ECT64	INDUSTRIAL ECONOMICS			
CORE XVI		L	T	P	C
		5	-	-	4
Cognitive Level		K1: Recall K2: Understand K3: Apply K5: Evaluate			
Learning Objectives		<ol style="list-style-type: none"> <li>1. To make the students to understand the theories of industrial location.</li> <li>2. To impart knowledge on industrial productivity.</li> <li>3. To equip the students with the knowledge regarding the relationship between industrial growth and economic development.</li> <li>4. To provide knowledge in industrial finance</li> <li>5. To enhance the knowledge of the students in industrial policy of India</li> </ol>			

**UNIT I: Industrialisation**

Industrialisation– pattern – rationalization of industrialization – Factors inhibiting industrialisation – Inter dependence of agriculture and industry

**UNIT II: Location of Industry**

Location of Industry - Factors determining Industrial Location - Theories of Industrial Location - Weber's Theory – Sargent Florence's Theory –Balanced Regional development of Industries – Need for balanced Regional development in India.

**UNIT III: Industrial productivity**

Industrial Productivity – Tools of Productivity – Factors influencing industrial productivity – Productivity Movement in India – National Productivity Council – Scientific Management.

**UNIT IV: Industrial Finance**

Industrial Finance 14-- hours Industrial Finance - Term Finance: Short Term, Long Term - Specialized Financial Institutions - IFCI - IDBI - ICICI.

**UNIT V: Industrial polices**

Industrial Policies - 1956, 1977, 1991 - Role of State - New Industrial Policy and Economic Reforms.

**TEXT BOOKS:**

1. Barthwal, R.R, Industrial Economics: An Introductory Textbook, 3<sup>rd</sup> edn, New Age International Pub, 2019.
2. Sivayya K.V and Das V.B.M, Indian Industrial Economy, 11<sup>th</sup> edn, S.Chand & Co., 2014.

**REFERENCE BOOKS:**

1. Kuchhal S. C, Industrial Economy of India, Chaitanya Pub. House, 2018.
2. Chernnila F, Industrial Economics: Indian Perspective, Himalaya Publishing House, Mumbai, 2016.
3. Devine P.J, An Introduction to Industrial Economics, George Allen and Unwin, 2012.
4. Sharma N. K, Industrial Economics, Anmol Publications Pvt. Ltd, 2010.

5. Sadhu A.N, and Singh A, Industrial Economics, Himalaya Publishing House, 2010.

### Course Outcomes:

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

<b>CO1</b>	Understand the causes for industrial disputes, and find out the measures for social security	<b>K1</b>
<b>CO2</b>	Identify the factors affecting the location of an industry	<b>K2</b>
<b>CO3</b>	Examine the need for industrial growth in India.	<b>K3</b>
<b>CO4</b>	Get knowledge about Industrial Productivity	<b>K2</b>
<b>CO5</b>	Get insights in to the Industrial policies of India	<b>K5</b>

### Mapping:

Course Outcomes	Programme Outcomes							Programme Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
<b>CO1</b>	S	W	S	M	S	S	S	M	M	W	S	M
<b>CO2</b>	S	M	W	S	M	M	S	S	M	W	S	M
<b>CO3</b>	W	S	M	S	M	S	M	W	M	W	S	M
<b>CO4</b>	W	S	M	S	M	M	W	S	M	W	S	M
<b>CO5</b>	S	M	M	S	M	M	M	W	S	M	S	M

\*S-Strong correlation; M-Moderate correlation; W- Weak correlation, N – No correlation.

COURSE CODE	U21ECT65	RURAL ECONOMICS			
CORE XVII		L	T	P	C
		5	-	-	4
Cognitive Level		K1: Recall K2: Understand K4: Analyze K5: Evaluate K6: Create			
Learning Objectives		<ol style="list-style-type: none"> <li>To provide the students with a thorough knowledge and understanding of the foundations of rural economics</li> <li>To impart knowledge on concepts of the dimensions of rural development</li> <li>To make the students to understand the challenges in rural development and strategies for rural upliftment.</li> <li>To provide understanding in the causes and consequences of Rural Poverty, and the Poverty Alleviation Programmes</li> <li>To enhance the knowledge about the tribal economy and analyse the tribal agricultural activities</li> </ol>			

**UNIT I: Rural Economy**

Rural economy: Characteristics – Need for the study of Rural economy – Comparison of Rural Economy and Urban Economy. Concepts: Barter System, Non Monetized Sector – Agricultural Marketing – Farm and Non-Farm Income - Problems of Rural Economy.

**UNIT II: Rural Unemployment**

Rural Unemployment: Types, Structure, Causes of Unemployment and Remedial measures. Rural Employment Generation Programmes: NRLM, MGNREGA. Technology for rural growth: ICT, mobile, successful programmes.

**UNIT III: Rural Credit**

Rural indebtedness: Causes and effects of rural indebtedness, Remedies. Rural Credit - Need for Credit – Sources of Rural Credit. Unorganized credit: Money lenders. Organized: Indigenous Bankers - Co-operatives, Commercial banks - Regional Rural banks - Micro-Finance Institutions (MFIs) – NABARD

**UNIT IV: Rural Poverty**

Rural Poverty: Causes and Consequences - Rural Poverty Line – Estimates of poverty – Factors influencing Rural Poverty – Removal of Poverty - Rural Development in India.

**UNIT V: Tribal Economy**

Tribal Economy: Characteristics of Tribal economy – Distribution of Tribal population in India - Tribal Agriculture and allied activities: Horticulture, Floriculture, Animal husbandry, Forest and forest collection. Problems in Tribal areas

**TEXT BOOKS:**

- Sankaran S. Rural Economics ,Margham Publications
- Dutt R & Sundaram K.P.M, Indian Economy, S.Chand, 72<sup>nd</sup> edn, 2016.

**REFERENCE BOOKS:**

1. Amarjit Singh, Fundamentals of Agricultural Economics, Himalaya Publication, 2019.
2. Reddy K.V, Agriculture and Rural Development, Himalaya Publishing House, 2017.
3. Sharma R.K et-al, Agriculture at a Glance, Daya Publications, 2011.
4. Vasant Desai, Rural Development in India, 2<sup>nd</sup> edn, Himalaya Publication, 2010.
5. Choudrey, C.M. Rural Economics. Sunshine Publications, 2009.

**Course Outcomes:**

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

<b>CO1</b>	Understand the concepts and problems of rural economy.	<b>K1</b>
<b>CO2</b>	Define the structure of rural unemployment and the technology used for rural growth.	<b>K2</b>
<b>CO3</b>	Examine the extent of rural indebtedness, and the measures to remove rural unemployment.	<b>K4</b>
<b>CO4</b>	Evaluate the causes and consequences of Rural Poverty, and describe the Poverty Alleviation Programmes	<b>K5</b>
<b>CO5</b>	Improve the knowledge about the tribal economy and analyse the tribal agricultural activities	<b>K6</b>

**Mapping:**

Course Outcomes	Programme Outcomes							Programme Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
<b>CO1</b>	M	M	M	N	W	N	S	S	N	W	N	S
<b>CO2</b>	M	M	S	W	S	N	W	S	M	N	W	S
<b>CO3</b>	S	S	S	N	S	N	W	S	N	M	M	S
<b>CO4</b>	M	S	S	N	S	N	W	M	N	M	S	S
<b>CO5</b>	M	M	M	N	S	N	M	M	N	M	W	M

\*S-Strong correlation; M-Moderate correlation; W- Weak correlation, N – No correlation.

COURSE CODE	U21ECE641	CHOICE -I	L	T	P	C
ELECTIVE-IV		LABOUR ECONOMICS	3	-	-	3
Cognitive Level		K1: Recall K2: Understand K3: Apply K5: Evaluate				
Learning Objectives		<ol style="list-style-type: none"> <li>1. To give knowledge in labour market and policies of labour market</li> <li>2. To impart knowledge on the concepts of wage determination</li> <li>3. To make the students to understand the students the Indian labour laws</li> <li>4. To provide knowledge on rural employment</li> <li>5. To provide knowledge on child labour and bonded labour</li> </ol>				

### UNIT I: Labour Market and Policies

Labour Market- Nature and Characteristics, Demand for Labour in relation to size and pattern of investment, Choice of technologies and labour policies Supply of Labour, Growth of Labour Force.

### UNIT II: Employment and Wage Determination

Employment and Development relationship- Employment Policy Wage Determination- Classical, Neo-classical and Bargaining theories; Concepts of minimum wage and efficiency wage; Non-wage component of labour remuneration,

### UNIT III: Industrial and Agricultural Labour

Industrial Labour- Theories of labour movement, growth, pattern and structure of labour unions in India, Industrial Disputes and their settlements, trends in collective bargaining, Indian Labour laws in the context of international labour standards.

### UNIT IV: Agricultural Labour Markets

Rural labour supply, interlocking of factor markets, nature and trends in rural employment, Agricultural wages in India, Non-agricultural rural employment

### UNIT V: Social Security and Reforms

State and Social Security- Concepts and evolution, Social assistance and insurance, Review and Appraisal of State Policies, Special Problems- Child labour, discrimination, bonded labour Labour market Reforms- National Commission on Labour.

### TEXT BOOKS: .

1. Cahuc P, Carcillo S and Zylberberg A, Labor Economics, 2<sup>nd</sup> edn, PHI, 2014.
2. Bazen Stephen, Econometric Methods for Labour Economics, Oxford University Press, 2011.

### REFERENCE BOOKS

1. Floro Caroleo et-al, Young People and the Labour Market, Routledge, 2018.
2. Saibal Kar and Debabrata Datta, Industrial and Labour Economics: Issues in Developing and Transition Countries, 5<sup>th</sup> edn, Springer, 2015.

3. Rajendra Prasad Singh, Agricultural Labour: Various Issues, Regal Pub, 2011.
4. Ehrenberg R and Smith R.S, Modern Labor Economics: Theory & Public Policy, Pearson, 2012.
5. Usha Sharma, Child Labour in India, Mittal Pub, 2006.
6. Jhabvala R. and Subrahmanya R.K, The Unorganised Sector: Work Security and Social Protection, Sage Publications, 2000. .

### Course Outcomes

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

<b>CO1</b>	Understand the policies of labour market	<b>K1</b>
<b>CO2</b>	Gain knowledge about the concepts of wage determination	<b>K2</b>
<b>CO3</b>	Examine the application Indian labour laws	<b>K3</b>
<b>CO4</b>	Gain knowledge about rural employment	<b>K2</b>
<b>CO5</b>	Evaluate the cases and effects of child labour and bonded labour	<b>K5</b>

### Mapping:

Course Outcomes	Programme Outcomes							Programme Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
<b>CO1</b>	M	M	M	N	W	N	S	S	N	W	N	S
<b>CO2</b>	M	M	S	W	S	N	W	S	M	N	W	S
<b>CO3</b>	S	S	S	N	S	N	W	S	N	M	M	S
<b>CO4</b>	M	S	S	N	S	N	W	M	N	M	S	S
<b>CO5</b>	M	M	M	N	S	N	M	M	N	M	W	M

\*S-Strong correlation; M-Moderate correlation; W- Weak correlation, N – No correlation.

COURSE CODE	U21ECE642	CHOICE -II	L	T	P	C
ELECTIVE-IV		HEALTH ECONOMICS	3	-	-	3
Cognitive Level	K1: Recall K2: Understand K3: Apply K4: Analyze K5: Evaluate					
Learning Objectives	<ol style="list-style-type: none"> <li>To impart the importance of health and education</li> <li>To make the students to understand the role of health and education in human development</li> <li>To impart knowledge on health care demand and the health insurance market</li> <li>To make the students to understand the existing public policies in health sector.</li> <li>To provide knowledge on rate of return to education and quality of education in India</li> </ol>					

**UNIT I: Health Education**

Role of health and education in human development: health and education outcomes and their relationship with macroeconomic performance

**UNIT II: Topics in Health Economic Theory**

Demand for health, Grossman's model of demand for health, information asymmetry in healthcare demand, and the health insurance market, physician induced demand, adverse selection and moral hazard in health insurance

**UNIT III: Economic evaluation of health care**

Cost effectiveness and cost-benefit analysis; valuing life

**UNIT IV: Public policy in the health sector**

Externalities in health and health care; rationale for government intervention in the health sector

**UNIT V: Education**

Investment in human capital; rate of return to education: private and social; quality of education; signalling of human capital; theories of discrimination; gender and caste discrimination in India. Education sector in India: An overview.

**TEXT BOOKS:**

- Bhattacharya J et-al, Health Economics, Palgrave Macmillan, 2014.
- Ehrenberg R, and Smith R, Modern Labour Economics: Theory and Public Policy, 11<sup>th</sup> edn, Addison Wesley, 2012

**REFERENCE BOOKS:**

- Kesavan Sreekantan Nair, Health Economics and Financing, New Century Publications, 2019.

2. Chee-Ruey Hsieh and Frank A. Sloan, Health Economics, The MIT Press, 2012.
3. Braverman J, Health Economics, Pharma Press, 2009.

### Course Outcomes

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

<b>CO1</b>	Understand the importance of human health and education	<b>K1</b>
<b>CO2</b>	Examine the role of health and education on economic development	<b>K3</b>
<b>CO3</b>	Gain awareness on health policies	<b>K4</b>
<b>CO4</b>	Get understanding in health care system in India	<b>K2</b>
<b>CO5</b>	Evaluate the rate of return to education	<b>K5</b>

### Mapping:

Course Outcomes	Programme Outcomes							Programme Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
<b>CO1</b>	M	M	M	N	W	N	S	S	N	W	N	S
<b>CO2</b>	M	M	S	W	S	N	W	S	M	N	W	S
<b>CO3</b>	S	S	S	N	S	N	W	S	N	M	M	S
<b>CO4</b>	M	S	S	N	S	N	W	M	N	M	S	S
<b>CO5</b>	M	M	M	N	S	N	M	M	N	M	W	M

\*S-Strong correlation; M-Moderate correlation; W- Weak correlation, N – No correlation.



COURSE CODE	U21ECS61					
<b>SKILL BASED ELECTIVE-IV</b>		<b>BUSINESS COMMUNICATION</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
			<b>2</b>	<b>-</b>	<b>-</b>	<b>2</b>
<b>Cognitive Level</b>	<b>K1: Recall K2: Understand K3: Apply K4: Analyze K6: Create</b>					
<b>Learning Objectives</b>	<ol style="list-style-type: none"> <li>To help the students to understand the importance of business communication.</li> <li>To improve the communication knowledge of the students.</li> <li>To help the students to understand the steps in drafting the business letter.</li> <li>To improve the knowledge of students on banking correspondence</li> <li>To enhance the knowledge of the students on report writing</li> </ol>					

**UNIT I: Introduction**

Business Communication –Meaning-objectives- Importance of business communication – Process and principles Modern Communication devices – Word processor- telex- Fax- E-mail- Tele conferencing – Telephone answering machine- Internet – websites and their uses.

**UNIT II: Business Letter**

Analysis of Business Letter- Layout – Kinds of Business letters- letter of enquiries- replies - Offers and Quotations – Offer orders – Cancellations – Replies- Circular- Complaints and Settlement-Sales letter.

**UNIT III: Banking Correspondence**

Bank Correspondence –correspondence with customers- Insurance Correspondence- Agency Correspondence- Correspondence relating to Exports and Imports

**UNIT IV: Company Correspondence**

Correspondence with share holders, Government Departments & Statutory Bodies- Application for appointment – Importance, Types, Structure – Oral Presentation -Planning for Oral presentation.

**UNIT V: Report Writing**

Report – Meaning , Importance, Principles governing the preparation of Report – Qualities of Good Report- Functions of a Report – Types of Reports- Reports by individuals, Committees.

**TEXT BOOK:**

- Kathiresan and Dr. V. Radha, Business Communication, Prasanna Publishers, 2011.

**REFERENCE BOOKS:**

- Bhatia R.C, BusinessCommunication,Annes Students Edition, 2019.
- Kumkum Bhardwaj, Fundamentals of Business Communication, Wiley, 2014.
- Jain V.K, Business Ethics and Communication, S.Chand, 2008.

4. Jyoti Jai, Business Communication, Garima Publications, 2007.
5. Galgotia, Business Communication Skills, Galgotia Publication, 2006.

### Course Outcomes

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

<b>CO1</b>	Understand the importance of business communication	<b>K1</b>
<b>CO2</b>	Improve their communication skills in business	<b>K3</b>
<b>CO3</b>	Describe the steps in report writing	<b>K2</b>
<b>CO4</b>	Prepare the banking correspondence	<b>K4</b>
<b>CO5</b>	Create good report writing	<b>K6</b>

### Mapping:

Course Outcomes	Programme Outcomes							Programme Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
<b>CO1</b>	M	M	M	N	W	N	S	S	N	W	N	S
<b>CO2</b>	M	M	S	W	S	N	W	S	M	N	W	S
<b>CO3</b>	S	S	S	N	S	N	W	S	N	M	M	S
<b>CO4</b>	M	S	S	N	S	N	W	M	N	M	S	S
<b>CO5</b>	M	M	M	N	S	N	M	M	N	M	W	M

\*S-Strong correlation; M-Moderate correlation; W- Weak correlation N – No correlation

## VALUE ADDED PROGRAMME

COURSE CODE	U21ECV51	ENTREPRENEURSHIP DEVELOPMENT			
SEMESTER - V		L	T	P	C
		-	-	-	2
Cognitive Level		K1: Recall K2: Understand K3: Apply K4: Analyze K6: Create			
Learning Objectives		<ol style="list-style-type: none"> <li>1. To enable the students to understand the traits and qualities of successful entrepreneur</li> <li>2. To make the students to understand the problems faced by the entrepreneurs.</li> <li>3. To promote the knowledge of the students in project management and marketing techniques.</li> <li>4. To enable the students to understand the preparation of project proposal</li> <li>5. To enhance the knowledge of the students on getting finance for setting new enterprises.</li> </ol>			

**UNIT I: Introduction**

Entrepreneur – Meaning —Definition - Functions of Entrepreneur – Types – Role of Entrepreneurs in Economic Development – Entrepreneur and Manager – Traits and Qualities of Successful Entrepreneurs.

**UNIT II: Entrepreneurship**

Concept of Entrepreneurship – Motivation Theories – Motivating Factors Entrepreneurial Mobility – Factors Influencing Mobility.

**UNIT III: Women entrepreneurship**

Women Entrepreneurship – Concept, Types – Factors Influencing Women Entrepreneurship – Traits of women entrepreneur - Role and Functions – Growth of Women Entrepreneurship in India – Problems of Women Entrepreneur – Steps to Promote Women Entrepreneurship in India.

**UNIT IV: Small scale industries**

Meaning of Small Scale Industries – Types of SSI – Role of SSI in Economic Development – Problems of SSI – Project Report – Contents – Formulation.

**UNIT V: Institutional arrangement**

Institutional Arrangement for Entrepreneurship Development – DIC – SIDO – SIDCO – NSIC – SIPCOT – TIIC – SIDBI – Incentives and Subsidies – EDP – Need – Objectives Instructions.

**TEXT BOOK:**

1. Khanka S.S, Entrepreneurial Development, S. Chand & Co, 2007.

**REFERENCE BOOKS:**

1. Debasish Biswas and Chanchal Dey, Entrepreneurship Development in India, Routledge, 2021.

2. Robert D. Hisrich et-al, Entrepreneurship, 11<sup>th</sup> edn, McGraw Hill, 2020.
3. Gupta C.B, Srinivasan N.P, Entrepreneurial Development in India, Sulthan Chand & Sons, 2020.
4. Vasant Desai, Dynamics of Entrepreneurship Development, Himalaya Publishing House, 2011.
5. Saravanel P, Entrepreneurship Development, Ess Pee Kay Publishing, 2009.

### Course Outcomes:

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

<b>CO1</b>	Get the interest in entrepreneurial activity	<b>K2</b>
<b>CO2</b>	Understand the meaning and role of entrepreneur	<b>K1</b>
<b>CO3</b>	Equip themselves with entrepreneurial skills for self-employment	<b>K4</b>
<b>CO4</b>	Understand the importance of women entrepreneur in economic development	<b>K3</b>
<b>CO5</b>	Develop knowledge about the financial institutions which help the entrepreneur	<b>K6</b>

### Mapping:

Course Outcomes	Programme Outcomes							Programme Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
<b>CO1</b>	M	M	M	N	W	N	S	S	N	W	N	S
<b>CO2</b>	M	M	S	W	S	N	W	S	M	N	W	S
<b>CO3</b>	S	S	S	N	S	N	W	S	N	M	M	S
<b>CO4</b>	M	S	S	N	S	N	W	M	N	M	S	S
<b>CO5</b>	M	M	M	N	S	N	M	M	N	M	W	M

\*S-Strong correlation; M-Moderate correlation; W- Weak correlation N – No correlation

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