

# **HAJEE KARUTHA ROWTHER HOWDIA COLLEGE**

(An Autonomous Institution Affiliated to Madurai Kamaraj University, Madurai.)

(Re-Accredited at “A” Grade, CGPA of 3.26 out of 4.00 by NAAC, Bangalore)

**Uthamapalayam - 625 533.**



**DEPARTMENT OF ECONOMICS**

**BACHELOR OF ECONOMICS**

**2014- 2015**

**B.A.ECONOMICS – Syllabus**

**Effective from the Academic Year 2014 - 2015**

**HAJEE KARUTHA ROWTHER HOWDIA COLLEGE**  
**(AUTONOMOUS)**  
**UTHAMAPALAYAM**  
**Choice Base Credit System**  
**DEPARTMENT OF ECONOMICS**  
**B.A.ECONOMICS (Semester)**  
**Course Scheme, Scheme of Examinations & Syllabus**  
*(Effective from the academic year 2014 – 2015 onwards)*

**OBJECTIVES OF THE COURSE:**

- To have overall knowledge in the field of economics
- To enable the students to understand the basics of economics
- To acquire skills from theory to the application part of economics
- To enable the students to understand the knowledge of economics
- To acquire skills in the field of life oriented, application oriented and job oriented economics
- Visit to various industries and other government department by the student will create a sound knowledge in the field of economics

**ELIGIBILITY:**

Passed in H.Sc., or any other Examination accepted by the Syndicate as Equivalent.

**DURATION OF THE COURSE:**

The students who are joining the degree shall undergo a study period of three academic years-  
Six Semesters.

**SUBJECTS OF STUDY:**

Medium of instruction : English

- Part – I - Tamil
- Part – II - English
- Part – III - i) Core Subjects  
ii) Allied Subjects  
iii) Elective Subjects
- Part – IV i) Non- major Subjects  
ii) Skill based Subjects  
ii) Environmental Studies  
iv) Value Education
- Part – V Extension Activities

## **EVALUATION:**

**Theory:** Internal – 25 marks  
External – 75 marks  
Total – 100 marks

**Practical:** Internal – 40 marks  
External – 60 marks  
Total – 100 marks

### **Pattern of Term End Examinations (Max. Marks: 75 / Time: 3 Hours)**

#### **External Examinations Question Paper Pattern for Part I, III and IV (Non- Major Elective & Skill based Subject)**

##### **Section – A (10 X 1 = 10 Marks)**

Answer ALL questions.

- Questions 1 - 10
- Two questions from each unit
- Multiple choice questions and each question carries Four choices

##### **Section – B (5 X 7 = 35 Marks)**

Answer ALL questions choosing either A or B.

- Questions 11 - 15
- One question from each unit
- Descriptive Type
  - 11 A or 11 B
  - 12 A or 12 B
  - 13 A or 13 B
  - 14 A or 14 B
  - 15 A or 15 B

##### **Section – C (3 X 10 = 30 Marks)**

Answer any THREE out of five questions.

- Questions 16 - 20
- One question from each unit
- Descriptive and Analytical Type

#### **External Examinations Question Paper Pattern for Part IV (Environmental Studies and Value Education)**

##### **Section – A: (5 X 6 = 30 Marks)**

Answer ALL questions choosing either A or B.

- Questions 1 - 5
- One question from each unit
- Descriptive and Analytical Type

**Section – B (3 X 15 = 45 Marks)**

Answer any THREE out of five questions.

- Questions 6 - 10
- One question from each unit
- Descriptive and Analytical Type

**Internal 25 marks will be as follows:**

**15 marks for Test (Two Test`s – Average to be taken)**

**5 marks for Assignment (average of Two assignments) and**

**5 marks for Seminar.**

**External 75 marks will be as follows:**

**Section – 10 x 1 = 10 (Objective type – Multiple choice.**

**Two questions from each Unit)**

**Section B – 5 x 7 = 35 (either A (or) B ,from all five units.)**

**Section C – 3 x 10 = 30 (three out of five questions – one from each unit)**

**ELIGIBILITY FOR THE DEGREE:**

A candidate shall be declared as passed the program if he/she scored a minimum of 40% marks (both internal and external) in each course. Minimum required mark in external is 27 marks.

**ECONOMICS MAJOR  
UNDER GRADUATE PROGRAMME- 2014-2015**

**ALLOTMENT OF HOURS**

COURSE	SEMESTER							Total Hours	Total Credits
	I	II	III	IV	V	VI			
LANGUAGES									
PART I –TAMIL /ARABIC	6	6	6	6	-	-	24	12	
PART II – ENGLISH	6	6	6	6	-	-	24	12	
PART III-MAJOR AND RELATED SUBJECTS									
Major / Elective/ Skill Based/ Allied/	16	16	18	18	26	26	120	106	
Project*	--	--	--	--	--	2	2	2	
PART- IV									
Non-Major Elective	2	2	--	--	--	--	4	4	
Environmental Studies	--	--	--	--	2	--	2	2	
Value Education	--	--	--	--	--	2	2	2	
<b>Total</b>	30	30	30	30	30	30	180	140	
PART V									
NSS/NCC/Physical Education/ YRC/Library Services/ Green Club*	-	-	-	-	-	-	-		
<b>Total Credits</b>								140	

\* Internal Evaluation only

Course Code	Title of the Course	Credits	Hours	Marks allotted		
				Internal	External	Total
<b>SEMESTER I</b>						
14UARL11/ 14UTAL11	<b>Part I</b> Tami/Arabic / Malayalam – Paper I	3	6	25	75	100
14UENL11	<b>Part II</b> English – Paper I	3	6	25	75	100
<b>Part III</b>						
14UECC11	<b>Core -I</b> Micro Economics- I	4	5	25	75	100
14UECC12	<b>Core II-</b> Statistical Methods-I	4	5	25	75	100
14UECA11	<b>Allied I</b> - History of India-I	5	6	25	75	100
14UECN11	<b>NME I-</b> General Economics	2	2	25	75	100
<b>Total Credits for the I Semester</b>		<b>21</b>	<b>30</b>			
<b>SEMESTER II</b>						
14UARL21/ 14UTAL21	<b>Part I</b> Tamil /Arabic / Malayalam – Paper II	3	6	25	75	100
14UENL21	<b>Part II</b> English – Paper II	3	6	25	75	100
<b>Part III</b>						
14UECC21	<b>Core III</b> - Micro Economics II	4	5	25	75	100
14UECC22	<b>Core IV-</b> Statistical Methods-II	4	5	25	75	100
14UECA21	<b>Allied II</b> - History of India	5	6	25	75	100
14UECN21	<b>NME II-</b> Demography	2	2	25	75	100
<b>Total Credits for the II Semester</b>		<b>21</b>	<b>30</b>			

<b>SEMESTER III</b>						
14UARL31/ 14UTAL31	<b>Part I</b> Tamil /Arabic / Malayalam –Paper III	3	6	25	75	100
14UENL31	<b>Part II</b> English–Paper III	3	6	25	75	100
<b>Part III</b>						
14UECC31	<b>Core V</b> -Macro Economics I	4	6	25	75	100
14UECC32	<b>Core VI</b> - Money	4	5	25	75	100
14UECA31	<b>Allied III</b> - Mathematical Methods I	5	5	25	75	100
14UECS31	<b>SBS-I</b> - Entrepreneurship Development	2	2	25	75	100
<b>Total Credits for the III Semester</b>		<b>21</b>	<b>30</b>			
<b>SEMESTER IV</b>						
14UARL1/ 14UTAL31	<b>Part I</b> Tamil/Arabic / Malayalam –Paper IV	3	6	25	75	100
14UENL31	<b>Part II</b> English–Paper IV	3	6	25	75	100
<b>Part III</b>						
14UECC41	<b>Core VII</b> - Macro Economics-II	4	6	25	75	100
14UECC42	<b>Core-VIII</b> -- Banking	4	5	25	75	100
14UECA41	<b>Allied IV</b> - Mathematical Methods-II	5	5	25	75	100
14UECS41	<b>SBS-II</b> - Population Studies	2	2	25	75	100
<b>Total Credits for the IV Semester</b>		<b>21</b>	<b>30</b>			

<b>SEMESTER V</b>						
<b>Part III</b>						
14UECC51	<b>Core –XI – International Economics</b>	5	6	25	75	100
14UECC52	<b>Core X - History of Economic Thought</b>	5	5	25	75	100
14UECC53	<b>Core XI - Indian Economy</b>	5	5	25	75	100
14UECC54	<b>Core-XII - Fiscal Economics</b>	4	5	25	75	100
14UECE51	<b>Elective-I-Research Methodology</b>	5	5	25	75	100
14UECS51	<b>SBS-III Fundamentals of Computer-I</b>	2	2	25	75	100
	<b>Part – IV Environmental Studies</b>	2	2	25	75	100
<b>Total Credits for the V Semester</b>		<b>28</b>	<b>30</b>			
<b>SEMESTER VI</b>						
<b>Part III</b>						
14UECC61	<b>Core XIII - Planning and Growth</b>	4	5	25	75	100
14UECC62	<b>Core XIV - Agricultural Economics</b>	4	5	25	75	100
14UECE61	<b>Elective II- Environmental Economics</b>	5	5	25	75	100
14UECE62	<b>Elective-III– Economics of Marketing</b>	5	4	25	75	100
14UECS61	<b>SBS-IV-Economics for Competitive Examinations</b>	2	5	25	75	100
14UECS62	<b>SBS-V Fundamentals of Computer-II</b>	2	2	25	75	100
14UECS63	<b>SBS-VI-Personality Development</b>	2	2	25	75	100
14UVED61	<b>Part – IV Value Education</b>	2	2	25	75	100
	<b>Part-V Extension Activities</b>	2		25	75	100
<b>Total Credits for the VI Semester</b>		<b>28</b>	<b>30</b>			



# SEMESTER I

Batch	Year	Semester	Part	Paper	Category	Hours	Marks		
						6	I.E.	T.E.E.	Total
2014-15	I	I	III	III	Core-I		25	75	100
Subject Code		Title of the Subject						Credit	
14UECC11		MICRO ECONOMICS- I						5	

## OBJECTIVES

- i. To familiarize the students with the basic concepts in economics.
- ii. To know the importance of economics in the real world

### UNIT I: INTRODUCTION

Definitions – Scope of Economics – Sub divisions – Economics as Science or Art –Positive or Normative Science – Economic Laws-Features

### UNIT II: CONSUMER BEHAVIOUR

- a) Cardinal Utility Approach: Law of Diminishing Marginal Utility – Law of Equi-Marginal Utility – Consumer`s Surplus.
- b) Ordinal Utility Approach: Indifference Curve Analysis – Meaning- Properties of Indifference Curve-Price Line – Comparison between cardinal and ordinal utility Approach

### UNIT III: DEMAND ANALYSIS

Meaning – Law of demand– Reasons for the downward Slope of the demand curve- Exceptional Demand Curve- Determinants of Demand- Consumer`s Surplus.

### UNIT IV: ELASTICITY OF DEMAND

Meaning – Types of Elasticity of Demand: Income, Price, Cross and Advertisement elasticity of demand. Measurement Elasticity of Demand: Percentage Method, Total Outlay Method, Point Elasticity and Arc Elasticity – Factors Determining Elasticity of Demand.

### UNIT V: PRODUCTION ANALYSIS

Meaning of Production –Land, Labour, Capital and organizations and their features – Functions of Entrepreneur –Law of Variable Proportions – Law of Return to Scale –Iso-Quants and Iso -Cost.

#### Books for Study:

1. Micro Economic Theory and Policy – Cauvery, Sudha Nayak, Girija (S. Chand & Co)
2. Micro Economics – M. John Kennedy (Himalaya Publishing House)

#### Books for Reference:

1. Modern Economic Theory – K .K .Dewett ( S. Chand & Co)
2. Micro Economic Theory – M.L. Jhingan (Vikas Publishing House)

Batch	Year	Semester	Part	Paper	Category	Hours	Marks		
							I.E.	T.E.E.	Total
2014-15	I	I	III	IV	Core-II	6	25	75	100
Subject Code		Title of the Subject						Credit	
14UECC12		ECONOMIC STATISTICS - I						5	

## OBJECTIVES

- To evaluate the ideological basic of each economic system
- To apply the fundamental principles of economics in solving the day today problems in our life.

### UNIT: I INTRODUCTION

Statistics - Meaning - Definition - Characteristics - Functions – Importance, Relation of Statistics with other subjects – Limitations.

### UNIT: II STATISTICAL SURVEY AND SAMPLING

- Statistical Survey – Meaning – Stages – Planning the Statistical Survey – Executing the Plan of the Survey.
- Sampling: Meaning – Essentials – objectives – Theory of Sampling – Methods Sampling – Merits and Demerits of Sampling – Sampling errors – Census Vs Sampling Methods.

### UNIT: III COLLECTION OF DATA

Primary Vs Secondary Data – Methods of Collecting Primary data – Sources of Secondary Data – Precautionary steps in using Secondary Data – Schedule Vs Questionnaire – Qualities of a good Questionnaire – Classification of data – Diagram and Graph.

### UNIT IV: MEASUREMENT OF CENTRAL TENDENCY, DISPERSION, SKEWNESS AND KURTOSIS.

Measures of Central Tendency of Averages: Arithmetic Mean – Median, Mode Geometric Mean – Harmonic Mean – Ogive –Histogram, Quartiles. Deciles and Percentiles.

### UNIT V: MEASURES OF DISPERSION, SKEWNESS AND KURTOSIS

- Measures of Dispersion – Range – Quartile Deviation – Mean Deviation, Standard Deviation– Variance – Lorenz Curve(Theory only)
- Measurement of Skewness and Kurtosis : Meaning of Skewness – Measurement – Coefficient of Skewness – Karl Pearson`s Method, Bowley`s Method and Kelly`s Method. Kurtosis: Meaning – Measurement of Kurtosis (Formula Only)

### Text Books:

- Statistics – R.S.N. Pillai & Bhagavati S. Chand & Co Ltd., New Delhi
- Elements of Statistics – B.N. Asthana Chaithanya publishing House, Allahabad.

### References:

- Statistical Methods – S.P. Gupta Sultan Chand and sons, New Delhi
- Statistical Methods and Applications - Sultan Chand and sons, New Delhi

Batch	Year	Semester	Part	Paper	Category	Hours	Marks		
							I.E.	T.E.E.	Total
2014-15	I	I	IV	V	NME-I	2	25	75	100
Subject Code		Title of the Subject						Credit	
14UECN11		GENERAL ECONOMICS (For Non-Economics students)						2	

## OBJECTIVES

- i. To familiarize the students with the basic concepts and tools in Economics.
- ii. To know the importance of economics in the real world

## UNIT I: INTRODUCTION

Definition of Economics - Adam Smith, Alfred Marshall and Lionel Robbins. Basic Concepts – Goods, utility, wants, value and price, market and income.

## UNIT II: CONSUMPTION AND PRODUCTION

Law of Diminishing marginal utility – Law of Equi-marginal utility – Law of Demand and Law of Supply, Meaning and characteristics of factors of production – Land, Labour, Capital and Organization – Laws of Returns.

## UNIT III: THEORY OF DISTRIBUTION

Rent – meaning – theories of rent – wages – real wages and money wages – theories of wages – Interest- gross and net interest – theories of interest- liquidity trap – profit – theories of profit.

## UNIT IV: INFLATION

Meaning and kinds of inflation – deflation – causes for inflation – economic and social factors – Measures to control inflation – trade cycle – components.

## UNIT V: TAXATION

Sources of Public revenue- suggestion to for increasing public revenue – causes for the growth of public expenditure in India – Features and Preparation of budget – public debt and methods of Redemption.

## References:

1. Micro Economic theory. M.L. Jhingan. Virinda Publications (P) Ltd. New Delhi
2. Economic Analysis. K.P.M. Sundaram & E.N. Sundaram. S. Chand &co. Delhi
3. Macro Economics. Dr. S. Sankaran, Margham publications, Chennai.
4. Money, Banking and International Trade. K.P.M. Sundaram. Sultan Chand & Sons

Batch	Year	Semester	Part	Paper	Category	Hours	Marks		
							I.E.	T.E.E.	Total
2014-15	I	I	III	VI	Allied-I	2	25	75	100
Subject Code		Title of the Subject						Credit	
14UECA11		ALLIED I - HISTORY OF INDIA-I						4	

**OBJECTIVES:**

1. TO make the students understand the History and Culture of our country.
2. To make the students imbibe secular outlook.

**UNIT – I:**

Geographical features of India – Unity in Diversity – Sources of Ancient Indian History – Indus valley Civilization – Vedic and later Vedic civilization (Aryan civilization)

**UNIT – II:**

Rise of Jainism and Buddhism – Asoka the most eminent ruler of Mauryan dynasty – the Mauryan Administration – Social and Economic condition – Art – Religion – decline of the Empire.

**UNIT – III:**

The Guptas – Chandra Gupta – Samudra Gupta – Chandra Gupta II – The administration under the Guptas – Social and Economic conditions – Art and Literature – The Golden age – The decline.

**UNIT – IV:**

The Sangam age – sources – Social and Economic conditions of the People Religion in the age of Sangam – the early Cholas and the Pandiyas of Sangam age – the Pallavas – important rulers – contribution to art, literature and Architecture.

The Arab invasion Mahmud of Ghazni and his invasions – Establishment of the Delhi Sultanate – some important rulers of the Sultanate – Qutbuddin Aibak – Allaudin Khilji – Mohammed bin Tuglug – Ibrahim Lodi.

Delhi Sultanate, Administration – Art and Architecture – Socio – Economic Condition – Bhakthi Movement – Fall of the Sultanate.

**UNIT – V:**

Krishnadeva Raya, the most celebrated ruler of Vijayanagar Empire – the battle of Talaiikota – Administration under the Empire – Art and Architecture – Social and Economic condition.

**MAPS:**

1. Indus Valley Sites
2. Ashoka's Empire
3. Gupta Empire
4. Allaudin Khilji

**BOOKS FOR REFERENCE:**

1. R.C. Majumdar – An advanced History of Ancient India.
2. V.D. Mohajan – History of Ancient India.
3. Dr. No. Subramanian – History of Tamil Nadu
4. K.A. Nilakanta Sastri – A history of South India.
5. K.C. Kurana – History of Modern India.

# SEMESTER II

Batch	Year	Semester	Part	Paper	Category	Hours	Marks		
						6	I.E.	T.E.E.	Total
2013-14	I	II	III	III	Core-III			25	75
Subject Code		Title of the Subject						Credit	
14UECC21		MICRO ECONOMICS – II						5	

## OBJECTIVES

- i. To know the importance of economics in the real world
- ii. to identify the correct methods to be followed to solve the economic and social

## UNIT 1: COST AND REVENUE ANALYSIS

Meaning of Cost – Cost Concepts: AC, MC, TC – Fixed Cost and Variable Cost – Short-run and Long-run Cost curve – Relationships between Total Cost, Average Cost and Marginal Cost - Meaning of Revenue – Total Revenue, Average revenue and Marginal Revenue under perfect Competition and Imperfect Competition.

## UNIT II: PRICING UNDER PERFECT COMPETITION AND MONOPOLY

Perfect Competition – Meaning – Features of Perfect competition – Price and Output Determination Under Perfect Competition- Meaning – Features – Price determination under monopoly – Price discrimination.

## UNIT III: PRICING UNDER MONOPOLISTIC COMPETITION AND OLIGOPOLY

Monopolistic Competition: Meaning – Features – Price and Output determination Under monopolistic competition – Product differentiation - Oligopoly: Meaning – Features of Oligopoly – Kinked Demand Curve.

## UNIT IV: DISTRIBUTION- I

Meaning of Distribution – General Theory of Distribution –Meaning of Ricardian Theory of Rent – Modern Theory of Rent – Quasi rent – Meaning of Wage- Wage Fund theory – Subsistence Theory

## UNIT V: DISTRIBUTION- II

Meaning Of Interest – Loanable Fund Theory – Liquidity Preference Theory- Meaning of Profit - Risk, Uncertainty, Dynamic and Innovation Theories Of Profit

### Text Books:

1. Micro Economics – Maria John Kennedy ( Himalaya Publications)
2. Principles of Economics – S. Loganathan (S. chand & Co)

### References:

1. Modern Economic Theory – Dewett, K.K. ( S. Chand & Co)
2. Advanced Economic Theory – H.L. Ahuja (S. Chand & Co)

Batch	Year	Semester	Part	Paper	Category	Hours	Marks		
							I.E.	T.E.E.	Total
2014-15	I	II	III	IV	Core-IV	6	25	75	100
Subject Code		Title of the Subject						Credit	
14UECC22		ECONOMIC STATISTICS – II						5	

### OBJECTIVES

- i. To identify the correct methods to be followed to solve the economic and social problems
- ii. To apply the fundamental principles of economics in solving the day today problems in our life.

### UNIT I: CORRELATION ANALYSIS

Correlation: Meaning – Uses – Types – Coefficient of correlation – Properties – Methods of Measuring correlation: Scatter diagram – Graphical method – Karl Pearsons’s Co efficient of Correlation (Algebraic Method) – Spearman’s Rank method- Concurrent deviation method – Probable error – Standard Error – Co efficient of determination.

### UNIT II: REGRESSION ANALYSIS

Regression : Meaning – Uses –Regression lines - Regression Equation – Regression Co efficient – Standard error of estimate.

### UNIT III: INDEX NUMBERS

Meaning – Uses – Problems in the construction of index numbers – Methods of constructing Index numbers – Tests for index numbers – Time Reversal Vs Factor Reversal Test – Fixed base Vs Chain base index number – Limitations of index numbers.

Cost of living index number: Meaning – Uses – Steps of its construction – Methods of its Construction.

### UNIT IV: TIME SERIES ANALYSIS

Time Series: Meaning – Uses – Components – Methods of measuring secular trend – Merits and demerits of Trend.

### UNIT : V PROBABILITY AND ASSOCIATION OF ATTRIBUTES

#### A. Probability Theory

Probability: Meaning – Importance – Methods of calculating probability – Probability Related events – Theorems of Probability: Addition and Multiplication.

#### B. Association of Attributes

Variable Vs Attribute – Association Vs Disassociation – Meaning – Types of Association – Contingency Table – Co-efficient of Association : Yule’s Co-efficient of Association – Co-efficient of Contingency method.

### Text Books:

- 1.Statistics- R.S.N. Pillai & Bhagavathi – S. Chand & co.

### References;

1. Statistical Methods – S.P. Gupta Sultan chand & Sons,
2. Statistics, Methods and Application – D.C. Sanchati & V.K. Kapoor Sultan Chand & Sons.



Batch	Year	Semester	Part	Paper	Category	Hours	Marks		
							I.E.	T.E.E.	Total
2014-15	I	II	IV	V	NME-II	2	25	75	100
Subject Code		Title of the Subject						Credit	
14UECN21		DEMOGRAPHY (For Non-Economics students)						2	

## OBJECTIVES

- i. To familiarize the students with the basic concepts and tools in Economics.
- ii. To know the importance of economics in the real world

### UNIT-I : DEMOGRAPHY

Meaning and Definition – Scope of the Study – Nature of the Study – Advantages of Population Study

### UNIT-II : THEORIES OF POPULATION

Theories of Population – Malthus, Optimum and Theory of Demographic Transition

### UNIT-III : BIRTH AND DEATH RATE

Birth Rate – Meaning – Fertility Rate – IMR – MMR - Death Rate – Causes for Death – Survival Rate

### UNIT-IV : MIGRATION

Meaning of Migration – Motives of Migration – Determinants of Migration – Internal Migration – International Migration – Factors Affecting Migration – Effects of Migration

### UNIT-V : STRUCTURE OF INDIAN POPULATION

Population Structure of India – Causes and Effects of Population Growth

#### Text Books:-

1. A Text Book of Demography, O.S. Srivasta – Vikas Publishing House, New Delhi
2. India's Population Problems, S.N. Agarwala, Tata Mc Graw Hill, New Delhi

#### References:-

1. India's Population Problems – S.N. Agarwala. Tata Mc Graw Hill New Delhi
2. Indian Economy – Ruddar Dutt and K.P.M. Sundharam – S. Chand & Co.,

Batch	Year	Semester	Part	Paper	Category	Hours	Marks		
							I.E.	T.E.E.	Total
2014-15	I	II	III	VI	Allied-II	6	25	75	100
Subject Code		Title of the Subject						Credit	
14UECA21		ALLIED II - HISTORY OF INDIA						4	

**OBJECTIVES:**

1. To make the students to understand the establishment of Muslim rule and its impact on Indian society.
2. To make the students to assess the English rule and its impact on Indian society and economy.

**UNIT – I:**

Establishment of Mughal rule – some important rulers – Babur – Akbar – Shah Jahan – Aurangzeb – Administration under the Mughals – Religious condition – Din-I-Ilahi, - Art, Architecture and Literature – Social and Economic conditions – Decline of the Mughals – Shivaji, the Maratha King and his Administration.

**UNIT – II:**

The Advent of the Europeans– the Portuguese – the Dutch – the French – the English – the Anglo – French rivalry in the Carnatic – the ascendancy of the British –Robert Clive - Warren Hastings - Wellesley - Bentinck and Dalhousie.

**UNIT – III:**

The Revolt of 1857 – the causes – course – consequences – Socio – Religious Reform Movements. The genesis and growth of Indian National Congress – the Moderates – the rise of Extremists – the Partition of Bengal – the Home Rule Movement.

**UNIT – IV:**

Gandhian Era – Jallianwala Bagh Massacre – Non – Cooperation Movement – the Civil Disobedience Movement — the Quit India Movement – the Partition and Independence – Role of Tamil Nadu in Freedom Struggle.

**UNIT – V:**

Independent India – Salient features of the Indian Constitution – Elections in India – Planned Economic development – Administration of Jawaharlal Nehru.

**MAPS:**

1. Akbar’s Empire
2. Aurangzeb’s Empire
3. Carnatic Wars
4. Independent India.

**BOOKS FOR REFERENCE:**

1. V.D. Mahajan – History of Medieval India
2. B.L. Grover – A New look on Modern Indian History
3. G. Venkatesan – History of Indian Freedom struggle
4. R.C. Agarwal – National Movement and Constitutional Development in India.
5. G. Venkatesan – History of Contemporary India.

## SEMESTER- III

Batch	Year	Semester	Part	Paper	Category	Hours	Marks		
							I.E.	T.E.E.	Total
2014-15	II	III	III	I	Core- V	5	25	75	100
Subject Code		Title of the Subject						Credit	
14UECC31		MACRO ECONOMICS - I						4	

## OBJECTIVES

1. To know the importance of economics in the real world
2. To apply the fundamental principles of economics in solving the day today problems in our life.

### UNIT – I NATURE AND SCOPE OF MARCO ECONOMICS

Meaning of Macro Economics – Differences between Micro and Macro Economics - Importance and Limitations of Macro Economic analysis – Circular Flow of Income –Two and Three 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.

### UNIT – III THEORY OF EMPLOYMENT

Meaning of Full employment - Kinds of unemployment - Classical theory of employment - Say's law of market - Pigou's view of unemployment - Keynesian theory of employment - Saving 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.

Absolute Income Hypothesis – Relative Income Hypothesis – Permanent Income Hypothesis – Life Cycle Hypothesis.

## BOOKS FOR STUDY

1. Jhingan M.L. : Macro Economics Theory
2. Sankaran S. : Macro Economics
3. Maria John Kennedy : Macro Economics Theory PHI

## BOOKS FOR REFERENCE :

1. Brooman : Macro Economics
2. Dillard. D : Economics of J.M.Keynes

Batch	Year	Semester	Part	Paper	Category	Hours	Marks		
							I.E.	T.E.E.	Total
2014-15	II	III	III	II	Core- VI	5	25	75	100
Subject Code		Title of the Subject						Credit	
14UECC31		MONEY						4	

## OBJECTIVES

- i. To evaluate the ideological basic of each economic system
- ii. to identify the correct methods to be followed to solve the economic and social problems

### UNIT – I EVOLUTION OF MONEY

Barter System - Defects in the Barter Economy - Evolution of Money - Definition of Money - Kinds of money - Near Money - Functions of Money - Static and Dynamic Functions - Characteristics of good Money - Role Of money in Capitalist and Socialist Economy.

### UNIT – II VALUE OF MONEY

Difference between value of money and value of commodity - Quantity theory of money - Fisher's Equation of Exchange, Cambridge version of Quantity theory of Money - Superiority of Cambridge version over Fisher's Version .

### UNIT – III MONETARY STANDARDS

Monetary standards – Paper Currency – Systems of note issue – Indian currency system – Development and problems.

### UNIT – IV DEMAND AND SUPPLY OF MONEY

Factors influencing money supply – Money supply and price level – Keynesian approach - Neutrality of money –Friedman's Restatement of quantity theory of Money.

### UNIT – V BUSINESS CYCLES

Business Cycles: Phases - Types – Inflation: Types- Causes - Effects - Remdies – Deflation.

## Reference:

1. Monetary Economics - T.T.Seth, S.Chand & Company, New Delhi
2. Monetary Theory - D.M. Mithani, Himalaya Publishing House, Delhi
3. Monetary Economics - M.C.Vaish, Wiley Eastern Ltd., New Delhi
4. Monetary Theory - M.L.Jinghan, Virinda Publications (P) Ltd., Delhi.

Batch	Year	Semester	Part	Paper	Category	Hours	Marks		
							I.E.	T.E.E.	Total
2014-15	II	III	III	III	Allied - III	6	25	75	100
Subject Code		Title of the Subject						Credit	
14UECA31		MATHEMATICAL METHODS – I						5	

## OBJECTIVES

- To familiarize the students with the basic concepts and tools in economics.
- To apply the fundamental principles of mathematics in solving the day today problems in our life.

### UNIT I: INTRODUCTION

Basic Rules of Arithmetic operations - Fraction (Common and Decimal ) - Algebraic symbolism ( Brackets and summation ) - Exponents and Radicals.

### UNIT II: FUNCTIONS AND LOGARITHM

Simple functions and graphs of the type:

$$\begin{aligned} ax+by+c &= 0 \\ y &= ax^2 \\ Y &= e^x \end{aligned}$$

Logarithm - Definition - Formulae (product, quotient, exponent) - Calculations using tables.

### UNIT III: EQUATIONS

Solving Equations: Linear and Quadratic Equations in one variable - Simultaneous Linear Equations in two & three variables

### UNIT IV: TRIGONOMETRY AND PERMUTATIONS AND COMBINATION

- Trigonometric Ratios and Functions (Simple Cases)
- Permutations and Combinations (Simple Problems)

### UNIT V: SET THEORY

Definition of a set - Types - Equality of sets - Universal set - Operations on sets : Union and intersection of sets - Difference of sets - Complement of a set - De Morgan law - Venn diagram.

#### Text Books:

- Bose, D., 2001, An Introduction to Mathematical Methods, Himalaya Publishing House, Mumbai.
- Allan R.G.D., 1986, Mathematical Analysis for Economics, Macmillan, London.
- Taro Yamane, 1988, Mathematics for Economists, Printice Hall of India Pvt. Ltd., New Delhi.

Batch	Year	Semester	Part	Paper	Category	Hours	Marks		
							I.E.	T.E.E.	Total
2014-15	II	III	IV	VI	SBS-I	2	25	75	100
Subject Code		Title of the Subject						Credit	
14UECS31		ENTREPRENEURSHIP DEVELOPMENT						2	

## OBJECTIVES

- to identify the correct methods to be followed to solve the economic and social problems
- To apply the fundamental principles of economics in solving the day today problems in our life.

### 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: Maslow Theory, Mc Clelland`s Theory, Herzberg Theory – Motivating Factors – Entrepreneurial Mobility- Factors Influencing Mobility

### UNIT - III: WOMEN ENTREPRENEURSHIP

Women Entrepreneurship -Concept, Types - Factors Influencing Women Entrepreneurship - 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: ENTREPRENEURSHIP DEVELOPMENT

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

#### Books for study:

- Entrepreneurial Development - S.S.Khanka, S.Chand & Co.
- Entrepreneurial Development in India - C.B.Gupta, N.P.Srinivasan, Sulthan chand & Sons
- Entrepreneurship Development -Jose Paul Ajit Kundar and Mampilly, Himalaya

Publishing house

#### Reference:

- Dynamics of Entrepreneurship Development vasant dlsai, Himalaya Publishing house
- Entrepreneurial Development – P .Saravanavel

# SEMESTER IV



Batch	Year	Semester	Part	Paper	Category	Hours	Marks		
							I.E.	T.E.E.	Total
2014-15	II	IV	III	III	Core- VII	5	25	75	100
Subject Code		Title of the Subject						Credit	
14UECC41		MACRO ECONOMICS-II						4	

## OBJECTIVES

- To evaluate the ideological basic of each economic system
- to identify the correct methods to be followed to solve the economic and social problems

### 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 – Basics of income and Employment multiplier.

### .UNIT – III MONETARY THEORY

Meaning and Objectives of Monetary policy- Instruments of Monetary Policy- Monetary theory in relation to underemployment and full employment – Integration of monetary and output theories – Patinkin.

### UNIT – IV POST KEYNESIAN MACRO ANALYSIS

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

### UNIT – V FISCAL POLICY

Fiscal Policy - Objectives - Scope of Fiscal policy during inflation and deflation - Role of fiscal policy in a developing economy - Effectiveness of monetary and fiscal policies.

### BOOKS FOR STUDY

- Jhingan M.L. : Macro Economics Theory
- Sankaran S. : Macro Economics
- Vaish M.C. : Macro Economics Theory

### BOOKS FOR REFERENCE :

- Brooman : Macro Economics
- Dillard. D : Economics of J.M.Keynes
- Gupta R.D : Keynes and Post Keynes
- Shapiro Edward: Macro Economic Analysis

Batch	Year	Semester	Part	Paper	Category	Hours	Marks		
							I.E.	T.E.E.	Total
2014-15	II	IV	III	IV	Core-VIII	5	25	75	100
Subject Code		Title of the Subject						Credit	
14UECE41		BANKING						4	

## OBJECTIVES

- i. To evaluate the ideological basic of each economic system
- ii. To apply the fundamental principles of economics in solving the day today problems in our life.

### UNIT – I COMMERCIAL BANKING

Definition - Structure and Functions of commercial banks - Credit creation – Balance sheet of a Bank

### UNIT – II NATIONALISATION OF BANKS

Nationalisation of banks – A Critical appraisal of the progress of commercial banking after nationalization – Recent reforms in banking sector in India.

### UNIT – III CENTRAL BANKING

Central Banking – functions of a central bank – Quantitative and qualitative methods of credit control – Efficiency and limitations.

### UNIT – IV RESERVE BANK OF INDIA

Functions of Reserve Bank of India – Its role in agricultural and Industrial development – RBI and credit control – Monetary policy – Objectives – RBI and monetary policy.

### UNIT – V EURO CURRENCY MARKET

Euro currency – Origin- Growth- Features – Evaluation of the currency.

### Books for Reference :

1. Jhingan M.L - Monetary Economics
2. Sankaran S. – -Monetary Economics
3. Setj M.I. - Money Banking and International trade
4. Vaish M.C. - Monetary Theory
5. Cauvery & Others - Monetary Economics
6. Gupta S.B. - Monetary Economics
7. Sethi. T.T - Monetary Economics
8. Kishore. G. Kulkarni - Modern Monetary Theory
9. Gupta G.P. - Monetary Policy of the Reserve Bank of India

Batch	Year	Semester	Part	Paper	Category	Hours	Marks		
							I.E.	T.E.E.	Total
2014-15	II	IV	III	V	Allied-IV	6	25	75	100
Subject Code		Title of the Subject						Credit	
14UECA41		MATHEMATICAL METHODS-II						5	

### OBJECTIVES

1. To know the importance of economics in the real world
2. To evaluate the ideological basic of each economic system

### UNIT - I: MATRICES AND DETERMINANTS-I

Matrix - Meaning - Types - Operations (Addition, Subtraction and Multiplication of Matrices) - Transpose of Matrix.

### UNIT -I I: MATRICES AND DETERMINANTS-II

Determinants: Definition – Properties- Co-factors - Inverse of Matrix- Solving simultaneous linear equations in two variables by Inverse Matrix methods and Cramer Rule Method.

### UNIT - III: ANALYTICAL GEOMETRY OF TWO DIMENSIONS

a. Straight Line: Distance between two points - Equation of a straight line : Two point form - Point - Slope form - Slope - Intercept form - Intercepts form- Distance between Two Points - Point of intersection of two lines - Concurrent lines - Parallel lines - Perpendicular lines

b) Circle: Definition - Equation of a circle :  
 $x^2 + y^2 = a^2$  ( Standard form)  
 $(x-h)^2 + (y-k)^2 = a^2$  ( Central form)  
 $X^2 + y^2 + 2gx + 2fy + c = 0$  (General form)

### UNIT IV: DIFFERENTIAL CALCULUS

- a) Basic rules of differentiation - First and second order derivatives - Calculations using addition, subtraction, product, quotient and function of function rule.
- b) Conditions for Maximisation & Minimisation -Maxima and minima of functions in one variable  $Y = f(x)$  - Maxima and minima of functions in two variables.  
 $Z = f(x,y)$

### UNIT V: INTEGRATION

- a) Meaning / Definition - Basic rules of integration - Calculation (Simple problems)
- b) Calculation of Consumer`s Surplus & Producer`s Surplus. (Simple problems)

### Text Book:

1. Bose, D., 2001, An Introduction to Mathematical methods, Himalaya Publishing House, Mumbai.
2. Allen, R.G.D., 1986, Mathematical Analysis for Economics, Macmillan, London
3. Mehta, B.C and Madanai G.M.K., 2003, Mathematics for Economists, Sultan Chand & Sons, New Delhi
4. Taro Yamane, 1988, Mathematics for Economists, Prentice - Hall of India Pvt. Ltd., New Delhi.

Batch	Year	Semester	Part	Paper	Category	Hours	Marks		
							I.E.	T.E.E.	Total
2014-15	II	IV	IV	VI	SBS-II	2	25	75	100
Subject Code		Title of the Subject						Credit	
14UECS41		POPULATION STUDIES						2	

## OBJECTIVES

1. To familiarize the students with the basic concepts and tools in Economics.
2. To know the importance of economics in the real world

## UNIT-I : DEMOGRAPHY

Meaning and Definition – Scope of the Study – Nature of the Study – Advantages of Population Study

## UNIT-II: THEORIES OF POPULATION

Theories of Population – Malthus, Optimum and Theory of Demographic Transition

## Unit-III: Birth and Death Rate

Birth Rate – Meaning – Fertility Rate – IMR – MMR - Death Rate – Causes for Death – Survival Rate

## UNIT-IV: MIGRATION

Meaning of Migration – Motives of Migration – Determinants of Migration – Internal Migration – International Migration – Factors Affecting Migration – Effects of Migration

## UNIT-V: STRUCTURE OF INDIAN POPULATION

Population Structure of India – Causes and Effects of Population Growth

### Text Books:-

1. A Text Book of Demography, O.S. Srivasta – Vikas Publishing House, New Delhi
2. India's Population Problems, S.N. Agarwala, Tata Mc Graw Hill, New Delhi

### References:-

1. India's Population Problems – S.N. Agarwala. Tata Mc Graw Hill New Delhi
2. Indian Economy – Ruddar Dutt and K.P.M. Sundharam – S. Chand & Co.,

# SEMESTER –V

Batch	Year	Semester	Part	Paper	Category	Hours	Marks		
							I.E.	T.E.E.	Total
2014-15	III	V	III	I	Core-IX	6	25	75	100
Subject Code		Title of the Subject						Credit	
14UECC51		INTERNATIONAL ECONOMICS						5	

## OBJECTIVES

- i. To evaluate the ideological basic of each economic system
- ii. To apply the fundamental principles of economics in solving the day today problems in our life.

### UNIT - I: INTRODUCTION

Differences between inter - Regional Trade and International Trade - Characteristics Features of International Trade - Classical theory of international trade - Adam smith and Ricardo - Absolute and Comparative Cost Doctrines - Modern Theory of International Trade - Heckscher and Ohlin - H.O theorem.

### UNIT - II: GAINS FROM TRADE AND TERMS OF TRADE

Meaning - Factors Determining the gains from trade - Terms of Trade – Types- Factors affecting terms of trade- Free trade and Protection

### UNIT - III: COMMERCIAL POLICY

- a. Tariffs and quotas - meanings and types - Effects of Tariffs Under Partial Equilibrium - Effects of Quotas.
- b. Exchange control - Meaning - Objectives of Exchange control - Methods of Exchange control - merits and demerits.

### UNIT - IV: BALANCE OF PAYMENTS AND EXCHANGE RATE

Meaning and Components - Balance of Trade and balance of Payments - Current account and Capital account - Causes for disequilibrium in the balance of Payments - measures to correct disequilibrium in Balance of Payments - Foreign Exchange rate - Meaning - Fixed and Flexible exchange rates – The Theories of Exchange Rate- The Mint Party theory and Purchasing Power Parity theory.

### UNIT V: INTERNATIONAL ECONOMIC RELATIONS

IMF - IBRD - SAARC - GATT – WTO.

#### References:

1. International Economics - M.L.Jinghan, Virinda Publications (P) Ltd., Delhi.
2. International Economics- Rana & Verma, Vishal Publishing Co, Jalandhar
3. International Economics, - Francis Cherunilam Tata Mc Graw - Hill Publishing Company Ltd.
4. International Economics, Devairakkam & Saraswathy Jothi Publishing Thirunelveli.
5. Money, Banking, Trade and Finance K.P.M Sundhram Sultan Chand & Sons New Delhi.

Batch	Year	Semester	Part	Paper	Category	Hours	Marks		
							I.E.	T.E.E.	Total
2014-15	III	V	III	II	Core- X	5	25	75	100
Subject Code		Title of the Subject						Credit	
14UECC52		HISTORY OF ECONOMIC THOUGHT						5	

### OBJECTIVES

- i. To familiarize the students with the basic concepts and tools in Economics.
- ii. To know the importance of economics in the real world

### UNIT - I: INTRODUCTION

Mercantilism - Factors leading to Mercantilism - Mercantilist ideas-Divide of Mercantilism - Critical appraisal of Physiocracy – Ideas of Physiocrats- Appraisal – Comparison between Physiocrats and Mercantilism.

### UNIT - II: CLASSICAL SCHOOL

Wealth definition- Division of labour - Theory of value - Capital accumulation - Free Trade - Role of State- Stationary state.

David Ricardo: Theory of rent - Theory of distribution - International trade

Malthus: Theory of population - Market Glut.

J.S. Mill: Hedonism - Liberalism - Deviation from classicism - Socialistic ideas.

### UNIT - III: NEO - CLASSICAL SCHOOL

Alfred Marshall: Welfare definition - Contribution to consumption and production - Internal and external economies - Representative firm - Quasi rent

Pigou : Wage and employment - Welfare economies

### UNIT - IV: SOCIALISTIC SCHOOL

Utopian socialism - Ideas of Saint Simon - Robert Owen and Fourier- Karl Marx: Materialistic interpretation of history - Class struggle - Labour theory of value - Surplus theory of value - Industrial reserve army - Collapse of capitalism.

### UNIT - V: INDIAN ECONOMIC SCHOOL

Gandhiji – V.K.R. V. Rao – Jawaharlal Nehru - Amartya Sen, Dhadabai Nehroji

### Books for study:

1. History of Economic Thought - Loganathan, V.S. Chand & Co.
2. History of Economic Thought - Sankaran, S., Margham Publications.
3. A History of Economic Thought - Srivastava, S.K., S.Chand & Co.

### Books for reference:

1. History of Economic Thought - Hajela, T.N., Tamilnadu Book House
2. Evolution of Economic Thought & theory - Devi and Uma, S.Chand & Co. .

Batch	Year	Semester	Part	Paper	Category	Hours	Marks		
							I.E.	T.E.E.	Total
2014-15	III	V	III	III	Core- XI	5	25	75	100
Subject Code		Title of the Subject						Credit	
14UECC53		INDIAN ECONOMY						5	

### OBJECTIVES

- i. To know the importance of economics in the real world
- ii. To apply the fundamental principles of economics in solving the day today problems in our life.

### UNIT I: INTRODUCTION:

Characteristics of Indian Economy - Mixed Economy – India as a Developing Economy

### UNIT II: AGRICULTURE:

Role of agriculture in Indian Economy – Trends in Agricultural Production in India– Causes for low agricultural productivity- Remedial measures – Green Revolution.

### UNIT III: INDUSTRY

Importance of Industry in Indian economy- Public sector - Objectives - Growth - Role of Public Sectors in Indian Economy - Problems - Government Measures - New Industrial policy 1991-Issues of Privatization - Disinvestment –Role of Private Sector- A note on Service Sector.

### UNIT IV: FOREIGN CAPITAL

Foreign Capital - Need - Forms - Role of foreign capital in Indian Economy - Problems - Government policy - India's balance of payment - Causes for deficit in India's BOP - Remedies - Suggestion

### UNIT V: PARALLEL ECONOMY

Meaning - Causes - Impact - Measures to unearth black money – A Note on Money Laundering Bill.

### Reference Books:

1. Dutt and Sundram, Indian Economy by Aswin Mahajan & Gaurav Dutt S.Chand company ltd - New Delhi 2013
2. Mishra & Puri “Indian Economy”



Batch	Year	Semester	Part	Paper	Category	Hours	Marks		
						5	I.E.	T.E.E.	Total
2014-15	III	V	III	IV	Core-XII			25	75
Subject Code		Title of the Subject						Credit	
14UECC54		FISCAL ECONOMICS						4	

## OBJECTIVES

- i. To familiarize the students with the basic concepts and tools in Economics.
- ii. The correct methods to be followed to solve the economic and social problems

## UNIT I: INTRODUCTION:

Public Finance - Meaning, nature and scope - Private finance and Public finance a Comparison - Principle of Maximum Social Advantage.

## UNIT - II: PUBLIC REVENUE:

Public revenue - Sources of public revenue (Centre and States ) – Theories of Taxation: Benefit Theory, Ability to pay Theory- Canons of Taxation - Direct and Indirect Taxes - Characteristics of a Good Tax - System - Impact, Shifting and Incidence of Taxation - Factors determining Incidence of Taxation.

## UNIT III: PUBLIC EXPENDITURE:

Public Expenditure – Causes for the Growth of Public Expenditure in India-Theories of Public Expenditure: Wagner’s Law, Wiseman Theory, Colin Clark Theory – Effects Of Public Expenditure.

## UNIT - IV: PUBLIC DEBT

Public Debt - Meaning - Classification - Causes for the growth - Burden of public Debt - Methods of Redeeming public debt.

## UNIT V: FEDERAL FINANCE, BUDGETING PROCESS AND LOCAL FINANCE

Federal finance - Union and State Financial Relations – Role and Functions of Finance commissions – Budget-Meaning- Importance – Budgeting process in India- Local Finance.

### Text:

1. Public finance - Cauvery, Nayak Sudha (S.Chand & Co)
2. Money banking and international trade public finance - D.M.Mithani  
(Himalaya Publishing House)

### Reference:

1. Money Banking and International Trade Public Finance - T.N.Hajela ( Shiva lal Publication )
2. Money Banking and International Trade Public Finance - M.C.Vaish
3. Public Finance - B.P.Tyagi

Batch	Year	Semester	Part	Paper	Category	Hours	Marks		
						5	I.E.	T.E.E.	Total
2014-15	III	V	III	V	Elective-I		25	75	100
Subject Code		Title of the Subject						Credit	
14UECE51		RESEARCH METHODOLOGY						5	

### OBJECTIVES

- i. To understand the links between science and development; and
- ii. To work out the details concerning the report writing

### UNIT I: RESEARCH PROBLEM DESIGN

Research: Meaning, Objectives, Types Research Approaches; Research Methods and Research Methodology; Research Process. Problems Encountered by Researchers in India.  
 Research Problem: Definition, Formulation,  
 Research Design: Meaning, Need, Features, Concepts relating to Research Design.

### UNIT II: SAMPLING DESIGN AND SCALING TECHNIQUES

Census and Sample Survey; Steps in Sampling Design; Criteria for Selecting a Sampling Design; Characteristics of a Good Sample Design; Different Types of Sample Designs.

### UNIT III: HYPOTHESIS AND APPROACHES TO RESEARCH

Hypothesis: Meaning, Definition, Types, Characteristics of a Good hypothesis.  
 Research Approaches: Historical, Descriptive; Case Study and Survey.

### UNIT IV: SOURCES AND METHODS OF DATA COLLECTION

Primary Data and Secondary Data; Collection of Data– a) Observation b) Interview c) Questionnaire d) Schedules; Selection of Appropriate method of Data Collection, Sources of Secondary Data.

### UNIT V: PROCESSING AND ANALYSIS & INTERPRETATIONS AND REPORT WRITING

Processing Operations; Meaning, Elements in Processing; Elements and Types of Analysis.  
 Interpretations: Meaning, Need, Significance of Report Writing; Different Steps in Writing Report; Layout of the Research Report; Guidelines for Writing Research Reports.

### Books for Study:

1. Research Methodology Methods & Techniques- Kothari C.R.New Age International, New Delhi
2. A Guide to Research in Economics - Kurien, C.T. Sangam Publisher, Chennai
3. Research Methods in Social Sciences - Sharma, B.A.V. Sterling Publication, New Delhi

Batch	Year	Semester	Part	Paper	Category	Hours	Marks		
							I.E.	T.E.E.	Total
2014-15	III	V	III	VI	SBS-III	2	25	75	100
Subject Code		Title of the Subject						Credit	
14UECS51		FUNDAMENTALS OF COMPUTER -I						2	

### Objectives

1. To provide a basic knowledge about computer and applications.
2. To provide soft skills about MS Office tools.

### UNIT I. UNDERSTANDING THE COMPUTER

Importance of Computers, History of Computers, Classification of Computers, Computing concepts, Input-Output Devices, External storage Devices,

### UNIT II PROGRAMMING LANGUAGES

Software, Programming Languages, Low and High Level Languages.

### UNIT III : MS-WORD

Introducing Microsoft Office – Word Processing with MS-Word : Basic – Formating Text and Documents

### UNIT III : APPLICATIONS OF MS-WORD

Working with headers, Footers and Footnotes – Tables, sorting – working with Graphics – Introduction to Mail Merge.

### UNIT IV : MS – EXCEL

Spread Sheet with MS-Excel : Basic – Arranging work sheets – Formating, Statistical Functions – Charts – Graphics.

### Books for Study :

1. Working in Microsoft Office - Ren Mansfield (Mc-Graw Hill)
2. Computer Today - Sanders – 3<sup>rd</sup> Edition
3. Balagurusamy, E. - Programming in BASIC Tata McGraw Hill Publishing Company Limited, New Delhi

### Books for Reference:

1. Subramanian, N. - Computers A.H. Wheeler & Co. Ltd., Madras.
2. Xavier, C. - Introduction to Computers and BASIC Programming, New Age International Publishers, New Delhi.

# SEMESTER VI

Batch	Year	Semester	Part	Paper	Category	Hours	Marks		
							I.E.	T.E.E.	Total
2014-15	III	VI	III	I	Core- XIII	5	25	75	100
Subject Code		Title of the Subject						Credit	
14UECC61		PLANNING AND GROWTH						4	

### OBJECTIVES

- i. To evaluate the ideological basic of each economic system
- ii. to identify the correct methods to be followed to solve the economic and social problems

### Unit - I: INTRODUCTION

Planning-meaning-Definition-Features-Need for planning in underdeveloped economies-Types of planning - physical and financial - short term and perspective planning - planning in Capitalist, socialist and mixed economies.

### Unit - II: PLAN FORMULATION

Planning machinery - Plan Implementation in India - India's five year Plans - Objectives - size of Plan - strategies of Plan - Resource Mobilization.

### UNIT - III: PERFORMANCE PLANNING

A review of the performance – Achievements and failures of five year plans in India - Agricultural development under planning and Industrial progress during plan period - Assessment of performance of plans in India.

### UNIT - IV: GROWTH

Growth - meaning - definition - characteristics indicators - causes - Economic development - meaning - Difference between economic development and Economic growth - obstacles to economic development - Economic and Non-economic factors - Nature of dualism

### UNIT - V: THEORIES OF ECONOMIC GROWTH

Rostow's stages of economic growth - Theories of economic growth - Balanced growth - unbalanced growth - Big - push theory - Thesis of critical minimum effort - Mahalanobis Growth Model – Two sector Model

### Books of Reference :

1. Goel - Planning & Growth
2. M.L.Jhinan - Planning & Growth
3. A.K.Das Gupta- Planning & Growth
4. Dobb, Maurice - An essay on Economic Growth and Planning
5. N.A.Khan - Problems of Growth of an underdeveloped planning economy.
6. Kindleberger C.P. - Economic Development
7. W.A.Lewis - The theory of Economic Growth Development Planning
8. K.P.M. Sundaran & Dutt - Indian Economy
9. Shenoy B.R - Indian planning and Economic development

Batch	Year	Semester	Part	Paper	Category	Hours	Marks		
							I.E.	T.E.E.	Total
2014-15	III	VI	III	II	Core- XIV	6	25	75	100
Subject Code		Title of the Subject						Credit	
14UECC62		AGRICULTURAL ECONOMICS						4	

### OBJECTIVES

- i. To know the importance of economics in the real world
- ii. to identify the correct methods to be followed to solve the economic and social problems

### UNIT I: AGRICULTURE AND PRODUCTIVITY TRENDS

Land resource - Classification of land - Cropping pattern - factors affecting cropping pattern - cropping pattern in India - Occupational structure of the people - Predominance of rural Population - Importance of agriculture in Indian economy- agricultural production - problems of low yield - labour productivity in agriculture - causes for low productivity - Modernization of agriculture

### UNIT II: AGRICULTURAL HOLDINGS AND IRRIGATION

Meaning of agricultural holdings - size of holdings - size pattern of holdings in India - fragmentation of holdings - characteristics of small holdings - advantages and disadvantages of small holdings. Irrigation - need for irrigation - role of irrigation - benefits of irrigation - causes for inadequate utilization of irrigation potential - measures for effectively increasing irrigation potential.

### UNIT III: RURAL INDEBTEDNESS AND RURAL CREDIT

Rural indebtedness - source of rural debt - causes and & evils - Role of state in relation to debt relief measures - Rural credit - need for credit - classification of credit - sources of rural credit - rural money lenders - Institutional financing - co-operative credit societies - merits & demerits of co-operative credit agencies - suggestion for improvements.

### Unit IV: Agricultural Price and Marketing

Fluctuation in agricultural prices - causes and impact - price stabilization - its meaning - need for stabilization - Agricultural price policy - Role of CACD - Agricultural marketing - types - special character of Agricultural products - marketing agencies - defects of agricultural marketing.

### UNIT V: LAND REFORMS AND RURAL UNEMPLOYMENT

Need for institutional changes - nature and objectives - implementation of land reforms - abolition of intermediaries - economic and social effect - security of tenure - right of ownership - evaluation of tenancy reforms - ceiling on land holdings - Bhoodan movement - objectives .

### Books Recommended:

1. Sankaran .s.Agricultural Economy of India. Progressive corporation (P) Ltd, Bombay.
2. Cohen R.The Economics of Agriculture
3. Benjamin, R.E. Economics of Agriculture.

Batch	Year	Semester	Part	Paper	Category	Hours	Marks		
							I.E.	T.E.E.	Total
2014-15	III	VI	III	III	Elective-I	6	25	75	100
Subject Code		Title of the Subject						Credit	
14UECE61		ENVIRONMENTAL ECONOMICS						5	

## OBJECTIVES

- i. To create awareness among the young mind
- ii. To identify the correct methods to solve the environmental problems

### UNIT I: INTRODUCTION

Meaning of Environment-Economics and environment-scope- Transformation curves- Tragedy of commons- an analysis : Taj Mahal, River Ganga and Marina Beach.

### UNIT II: BASIC THEORIES OF ENVIRONMENT-ECONOMICS

Market failure and Externality - Types of externality-perfect competition and externality-imperfect competition and externality.

### UNIT III: ENVIRONMENTAL PROBLEMS AND PROTECTION

Types of Pollution: Air ,Water, and Noise – Pollution Control and Environmental Protection-Solid Waste Management

### UNIT IV: CONSERVATION OF RESOURCES

Definition and Meaning - Methods of Conservation-Material Substitution-Product Life Extension- Recycling - Pollution Taxes - Waste Reduction

### UNIT V: ENVIRONMENTAL EDUCATION AND LAW

Environmental Education- Meaning –education through environmental movements- CHIPKO movement –APPIKO Movement- Silent valley movement- Narmatha Movement- Fundamental Right-issues relating to science and technology- The Water (Prevention and control of pollution) Act 1974- Air (Prevention and control of pollution) Act 1981- The Environment (Protection ) Act 1986.

### Books for study

1. Environmental Economics - S.Sankaran, Margham Publications
2. Environmental Economics - Cauvery, Sterling publishers
3. Environmental Economics - Rajalakshmi and Dulasi Brinda, Allied Publishers
4. Environmental Pollution and Protection - Garg Tamilnadu Book House Publishers

Batch	Year	Semester	Part	Paper	Category	Hours	Marks		
							I.E.	T.E.E.	Total
2014-15	III	VI	III	IV	Elective-II	5	25	75	100
Subject Code		Title of the Subject							Credit
14UECE62		ECONOMICS OF MARKETING							5

## OBJECTIVES

- i. To evaluate the ideological basic of each economic system
- ii. To apply the fundamental principles of economics in solving the day today problems in our life.

### UNIT – I DEFINITION OF MARKET

Definition of Market – Types of Market – Kinds of Goods – Nature and scope of marketing, Modern Marketing Concept.

### UNIT – II FUNCTIONS OF MARKETING

Function of exchange, Function of Physical Distribution, Facilitating function – Marketing Research Grading and standardization – Branding, Packing and Labeling.

### UNIT – III PERSONAL SELLING

Salesmanship – Meaning and Objectives of Personal Selling – Qualities of good salesman – Recruitment and training..

### UNIT – IV ADVERTISING

Definitions – Basic features – Objectives – Functions – Advertising Media – Kinds – Essentials of good advertising.

### UNIT – V CHANNELS OF DISTRIBUTION

Definition – Importance – Channels of distribution – Wholesaler – Characteristics – Classification – Services of Wholesalers - Retailers – functions – Types of Retailers

## **BOOKS FOR STUDY**

1. Bhagavathi and Pillai : Modern Marketing
2. Rajan Nair : Marketing
3. Clarke and Clarke : Principles of Marketing



Batch	Year	Semester	Part	Paper	Category	Hours	Marks		
							I.E	T.E.E.	Total
2014 - 15	III	VI	III	VI	SBS-IV	2	25	75	100
Subject Code	Title of the Subject								Credit
14UECS61	ECONOMICS FOR COMPETITIVE EXAMINATIONS								2

**OBJECTIVES:**

1. To assist the students to understand the concepts in Economics
2. To create an awareness among economics students regarding competitive exams

**UNIT: I INDIAN ECONOMY AND PLANNING**

Basic features of Indian Economy – Planning – Planning for Progress.

**UNIT: II PUBLIC FINANCE**

Budget – Fiscal Policy

**UNIT: III AGRICULTURE AND RURAL DEVELOPMENT**

Importance of Agriculture – Green Revolution – Agricultural Fiancé – Marketing – Rural Development Programmes.

**UNIT: IV CURRENCY AND BANKING**

The Indian Currency System – The Reserve Bank of India – Commercial Banking – Financial Institutions.

**UNIT: V FOREIGN TRADE**

National Income – Foreign Trade and Balance of Payment

**BASIC READING LIST:**

1. General Studies, S. Chand & Co., New Delhi, C.S. Bedi and R.S. Aggarwal
2. Alagh, Y.K. 1995 Indian Development Planning and Policy, Vikas, New Delhi.
3. Dutt, Rudder and K.P.M. Sundaram, Indian Economy, S. Chand & Co., New Delhi

Batch	Year	Semester	Part	Paper	Category	Hours	Marks		
						2	I.E.	T.E.E.	Total
2014-15	III	VI	III	VI	SBS-V		25	75	100
Subject Code		Title of the Subject						Credit	
14UECS62		FUNDAMENTALS OF COMPUTER -II						2	

### Objectives

1. To provide a basic knowledge about computer and applications.
2. To provide soft skills about MS Office tools.

### UNIT I : MS-ACCESS AND APPLICATIONS

Introduction to Access – Creating a simple database and tables – Forms

### UNIT II : APPLICATIONS OF MS-ACCESS

Entering and Editing data – Finding, Sorting and Displaying data – Printing Reports, Forms, Letters and Labels.

### UNIT III : MS-POWER POINT

Power Point Basics – Creating presentations – working with text

### UNIT IV : APPLICATIONS OF MS-POWER POINT

Working with graphics and multimedia – showing a presentation.

### UNIT V : E-MAIL AND BROWSING

Introduction to E-mail concepts – Creating, Editing a mail and Sending.

E-Mail: Advantages and Disadvantages.

### Books for Study :

1. Working in Microsoft Office - Ren Mansfield (Mc-Graw Hill)
2. Computer Today - Sanders – 3<sup>rd</sup> Edition
3. Balagurusamy, E. - Programming in BASIC Tata McGraw Hill Publishing Company Limited, New Delhi

### Books for Reference:

1. Subramanian, N. - Computers A.H. Wheeler & Co. Ltd., Madras.
2. Xavier, C. - Introduction to Computers and BASIC Programming, New Age International Publishers, New Delhi.

Batch	Year	Semester	Part	Paper	Category	Hours	Marks		
						2	I.E.	T.E.E.	Total
2014-15	III	VI	III	VII	SBS-VI		25	75	100
Subject Code		Title of the Subject						Credit	
14UECS63		PERSONALITY DEVELOPMENT						2	

- i. To evaluate the ideological basic of each individual
- ii. To apply the fundamental principles of personality in solving the day today problems in our life.

#### **Unit I:**

Personality - Determinants - Biological - Heredity – Brain – Bio-Feed back –Physical Characteristics.

#### **Unit II:**

Personality and cultural factors – Family Factors – Social and situational Factors

#### **Unit III:**

Personality Traits - Kinds of Personality Traits – Personality Theories.

#### **Unit IV:**

Leadership Characters – Functions – Types of Leadership – Perception- Values – Beliefs – Attitudes.

#### **Unit V:**

Goal Setting – Time and Crisis Management – Participation in Group Discussion – Facing Interviews – Emotional Intelligence.

#### **Reference;**

1. L.M. Prasad, “Business management” Sultan Chand and sons – New Delhi.
2. Stephen P . Robbins. “ Organizational Behaviour’ Prentice Hall of India –New Delhi.

Batch	Year	Semester	Part	Paper	Category	Hours	Marks		
						2	I.E.	T.E.E.	Total
2014-15	III	VI	III	VIII			25	75	100
Subject Code		Title of the Subject						Credit	
14UVED61		VALUE EDUCATION						2	

## OBJECTIVES

Since the value of education is measured with the value of its products, this paper aims at producing valuable personalities.

### UNIT – I

Jainism - Mahaveera – Early life – Teachings – Tri Ratnas – Buddhism Lord Buddha – His Life and Teachings – Eight fold path.

### UNIT – II

Christianity Jesus Christ – Life and his teachings – Islam Prophet Mohamed – Life of the Prophet at Mecca – Life of the Prophet at Medina – Hijjira – Teachings of the Prophet at Medina.

### UNIT – III

Rajaram Mohan Roy – Social Reforms in 19<sup>th</sup> century – Brahma Samaj – Father of Indian Renaissance – Swami Dayananda Saraswathi – His Religious reforms – Arya Samaj – Swami Vivekananda – His Life and Preaching's – World religious conference – Muds of Vivekananda.

### UNIT – IV

Mahatma Gandhi – His Early Life – Gandhi in South Africa – Sathya Graha.

### UNIT – V

Mother Teresa – Her Early Life – Social Reformer – Social Services at Calcutta.

## REFERENCE:

1. R.C. Majumder – An Advanced History of India
2. Manickam.S – Studies in Missionary History
3. Grover B.Z – A New Look on Modern Indian History from 1707s
4. Mahajan – Ancient Indian History
5. Philip K Hitti – History of Arabs