

**Holy Cross College (Autonomous), Nagercoil**  
**Nationally Re-Accredited with A<sup>+</sup> (CGPA 3.35) by NAAC (IV Cycle)**  
**Kanyakumari District, Tamilnadu, India.**

Affiliated to  
**Manonmaniam Sundaranar University, Tirunelveli**



**Department of Economics**  
**UG Syllabus**  
**(With effect from the academic year 2020-2021)**  
**Issued from the Deans' Office**

## DEPARTMENT OF ECONOMICS



### Vision

We aim at nurturing the knowledge of dynamics of Economics in our students with research thrust and career orientation, enabling them to analyse economic issues from time to time.

### Mission

- To frame suitable study methods and to make teaching student centric
- To train our students to become career oriented
- To tap the talents and analytical skills of our students
- To promote entrepreneurship skill and nurture social responsibility

### Programme Educational Objectives (PEOs)

PEO - 1	The graduates will apply appropriate theory and scientific knowledge to participate in activities that support humanity and economic development nationally and globally, developing as leaders in their fields of expertise.
PEO - 2	The graduates pursue lifelong learning and continuous improvement of the knowledge and skills with the highest professional and ethical standards.
PEO - 3	The graduates will be provided with fundamental concepts of Economics , theories and marketing skills, thereby making them face career challenges

### Programme Outcomes (POs)

	Upon completion of B.A. degree programme, the under graduates will be able to :
<b>PO- 1</b>	recognize the contributions of great thinkers, who, in the past have perceived and interpreted human experiences
<b>PO- 2</b>	implement intelligently and incorporate the acquired knowledge into the demands of day-to-day life
<b>PO -3</b>	contribute to society at the local and the global level
<b>PO - 4</b>	form well- integrated persons, who will strive to transform the society, by meeting the challenges of life
<b>PO - 5</b>	expand and evolve to the changing needs and adopt ethical standards
<b>PO – 6</b>	develop interpersonal communication and connect themselves globally through media
<b>PO - 7</b>	understand the issues of environmental context and sustainable development

### Programme Specific Outcomes

<b>PSOs</b>	Upon completion students of BA. Economics the graduates will be able to :
<b>PSO – 1</b>	understand the Economic concepts and planning, resources of Indian Economy, problems and remedies for development.
<b>PSO – 2</b>	discuss the consumer's behavior in buying and selling of goods and services demand and supply, different markets and principles of marketing.
<b>PSO – 3</b>	identify the formulas for averages, standard deviation and other mathematical aspects and solving problems
<b>PSO – 4</b>	analyse the mechanism involved in the economy, human development of the Country and International Trade and Theory.
<b>PSO – 5</b>	discuss the Public revenue, Public expenditure, health, Public budget, Public Debt, trade cycle, Agriculture in India and Banking practices and labour
<b>PSO – 6</b>	understand the Statistical concepts and statistical tools, Mathematical Methods in solving Problems and project completion
<b>PSO – 7</b>	explain the theories of wage, Interest, profit and monetary theories, classical Neo classical theories of Economic Thought and labour production
<b>PSO – 8</b>	identify the modern techniques of production and modern Institutions, agriculture and industrial sector of Tamil Nadu and Entrepreneurial development
<b>PSO – 9</b>	analyze the Macro – Economic indicators of Indian Economy and health economics, money
<b>PSO – 10</b>	explain the techniques for competitive examinations and Basic Accounting, Tamil Nadu Economy

### Eligibility Norms for Admission

A pass in the Higher Secondary Examination (10+2) (Academic / Vocational Stream) conducted by the Government of Tamil Nadu or an examination accepted as equivalent thereto by the syndicate of Manonmaniam Sundaranar University, Tirunelveli.

**Duration of the Programme** : 3 Years

**Medium of Instruction** : English

### Passing Minimum

A minimum of 40% in the external examination and an aggregate of minimum 40% is required. There is no minimum pass mark for the continuous internal assessment.

### Components of the B.A. Economics Programme:

#### Part III (Major and Allied)

<b>Major</b>	Core – Theory Papers	12x100	1200
	Elective – Theory Papers	3x100	300
	Major Project	1x100	100
	<b>Total marks</b>		<b>1600</b>
<b>Allied ( I &amp; II)</b>	Theory	4x100	400
	<b>Total Marks</b>		<b>400</b>
<b>Part III – Total marks</b>			<b>2000</b>

#### UG (Course Structure) Distribution of Hours and Credits

Course	Sem. I	Sem. II	Sem. III	Sem. IV	Sem. V	Sem. VI	Total	
							Hours	Credits
<b>Part I</b> -Language	6 (4)	6 (4)	6 (4)	6 (4)	-	-	24	16
<b>Part II</b> -English	6 (4)	6 (4)	6 (4)	6 (4)	-	-	24	16
<b>Part-III</b>								
Major Core Theory	6(5)	6(5)	6(5)	6(5)	6(5) +6(5) +6(4)+5(4)	6(5) + 6(5) + 6(4) + 5(4)	70	56
Elective	-	-	5(4)	5(4)	-	5(4)	15	12
Allied Theory	6(4)	6(4)	5(4)	5(4)	-	-	22	16
Major Project	-	-	-	-	5(4)	-	5	4
<b>Part IV</b>								
Add on	2(2)	2(2)	2 (2)	2 (2)	-	-	8	8

Course(Professional English)								
NME (Non-Major Elective)	2 (2)	2 (2)	-	-	-	-	4	4
SEC(Skill Enhancement Course)	2 (2)	2 (2)	-	-		2 (2)	6	6
AEC(Ability Enhancement Course)					2(2)		2	2
<b>Total</b>	<b>30(23)</b>	<b>30(23)</b>	<b>30(23)</b>	<b>30(23)</b>	<b>30(24)</b>	<b>30(24)</b>	<b>180</b>	<b>140</b>
<b>Non - academic Courses</b>								
<b>Part V</b>								
FC –I (Values for Life)	-	(1)	-	-	-	-	-	1
FC– II(Personality Development)	-	-	-	(1)	-	-	-	1
FC–III (Human Rights Education)	-	-	-	-	(1)	-	-	1
FC –IV (Gender Equity Studies)	-	-	-	-	-	(1)	-	1
SLP-Community Engagement Course	-	-	(2)	-	-	-	-	2
SLP-Extension activity (RUN)			-	(2)				2
STP - Clubs & Committees / NSS	-	-	-	(2)	-	-	-	2

**Skill Development Programme (Mandatory Certificate Course – 60 hours) will be offered in the first year for all the students) mandatory and conducted outside the regular working hours.**

**Courses Offered**

<b>Semester</b>	<b>Course</b>	<b>Course Code</b>	<b>Title of the Course</b>	<b>Hours/ Week</b>	<b>Credits</b>
<b>I</b>	<b>Part I</b>	TL2011 FL2011	Language: Tamil French	6	4
	<b>Part II</b>	GE2012/ GE2111	General English	6	4
	<b>Part III</b>	FC2011	Major Core I: Micro Economics - I	6	5
		FA2011	Allied I: Economic Statistics - I	6	4
	<b>Part IV</b>	AAS 201	Add on Course Professional English for Arts and Social Science – I	2	2
		FNM201	Non Major Elective (NME): General Economics - I	2	2
		SEC201/ SEC202	Skill Enhancement Course (SEC): Meditation and Exercise / Computer Literacy	2	2
	<b>Part V</b>	FCV201	Foundation Course I: Values for Life	-	-
		STP201	Student Training Programme (STP) Clubs & Committees / NSS	-	-
<b>II</b>	<b>Part I</b>	TL2021 FL2021	Language: Tamil French	6	4
	<b>Part II</b>	GE2022/ GE2121	General English	6	4
	<b>Part III</b>	FC2021	Major Core II: Micro Economics - II	6	5
		FA2021	Allied II: Economic Statistics - II	6	4
	<b>Part IV</b>	AAS 202	Add on Course Professional English for Arts and Social Science – II	2	2
		FNM202	Non Major Elective Course (NME): General Economics – I	2	2
		SEC201/ SEC202	Skill Enhancement Course (SEC): Meditation and Exercise / Computer Literacy	2	2
	<b>Part V</b>	FCV201	Foundation Course I: Values for Life	-	1
		SLP201	Service Learning Programme (SLP): Community Engagement Course	-	-
		STP201	Student Training Programme (STP) Clubs & Committees / NSS	-	-
<b>III</b>	<b>Part I</b>	TL2031 FL2031	Language: Tamil French	6	4
	<b>Part II</b>	GE2032/ GE2131	General English	6	4
	<b>Part III</b>	FC2031	Major Core III: Macro Economics – I	6	5
		FC 2032 FC 2034 FC 2035	Elective I a) Monetary Economics b) Development Economics c) Political Economy	5	4
		FA2031	Allied III: Mathematical Methods - I	5	4
	<b>Part IV</b>	AAS203	Add on Course Professional English for Arts and Social Science – III	2	2

	<b>Part V</b>	FCV202	Foundation Course II: Personality Development	-	-
		SLP201	Service Learning Programme (SLP): Community Engagement Course	-	2
		SLP202	Service Learning Programme (SLP): Extension Activity (RUN)	-	-
		STP 201	Student Training Programme (STP): Clubs & Committees / NSS	-	-
<b>IV</b>	<b>Part I</b>	TL2041 FL2041	Language: Tamil French	6	4
	<b>Part II</b>	GE2042/ GE2141	General English	6	4
	<b>Part III</b>	FC2041	Major Core IV: Macro Economics – II	6	5
		FC2042 FC2043 FC2044	Elective II a) Entrepreneurial Development b) Marketing Management c) Human Resource Management	5	4
		FA2041	Allied IV: Mathematical Economics – II	5	4
	<b>Part IV</b>	AAS204	Add on Course Professional English for Arts and Social Science – IV	2	2
	<b>Part V</b>	FCV202	Foundation Course II: Personality Development	-	1
		SLP202	Service Learning Programme (SLP): Extension Activity (RUN)	-	2
		STP201	Student Training Programme (STP): Clubs & Committees / NSS	-	2
<b>V</b>	<b>Part III</b>	FC2051	Major Core V: Indian Economy - I	6	5
		FC2052	Major Core VI: History of Economic Thought	6	5
		FC2053	Major Core VII: Fiscal Economics	6	4
		FC2054	Major Core VIII: Tamil Nadu Economy	5	4
		FC20P1	Major Project	5	4
	<b>Part IV</b>	AEC201	Ability Enhancement Compulsory Course (AECC) : Environmental Science	2	2
	<b>Part V</b>	FCV203	Foundation Course III: Human Rights Education	-	1
<b>VI</b>	<b>Part III</b>	FC2061	Major Core IX: Indian Economy – II	6	5
		FC2062	Major Core X: International Economics	6	5
		FC2063	Major Core XI: Economics of Development	6	4
		FC2064	Major Core XII: Labour Economics	5	4
		FC2065 FC2066 FC2067	Elective III: a) Principles of Marketing b) Financial Economics c) Ecology and Economic Development	5	4
	<b>Part IV</b>	FSK206	Skill Enhancement Course (SEC): Basic Accountancy	2	2
	<b>Part V</b>	FCV204	Foundation Course IV: Gender Equity Studies	-	1
			<b>TOTAL</b>	<b>180</b>	<b>140+10</b>

### Self Learning – Extra Credit Courses

Semester	Course code	Title of the Course	Hours/ week	Credits
III/V	FC20S1	Health Economics	-	2
IV/VI	FC20S2	Human Development	-	2

### Value Added Courses

Semester	Code	Name of the Course	Total Hours
III/IV	VAF 201	Verbal and Non- verbal reasoning – I	30
V/VI	VAF 202	Verbal and Non- verbal reasoning – II	30

### Instruction for Course Transaction Distribution of Total Hours - Major Core

Components	Sem. I	Sem. II	Sem. III	Sem. IV	Sem. V	Sem. VI
Lecture Hours	75	75	60/75	60/75	60/75	75
CIA (Continuous Internal Assessment) (2)	5	5	5	5	5	5
Quiz (2)	1	1	1	1	1	1
Class test (3)	3	3	3	3	3	3
Group Discussion / Seminar / Open book test	6	6	6	6	6	6
<b>Total Hours</b>	<b>90</b>	<b>90</b>	<b>75/90</b>	<b>75/90</b>	<b>75/90</b>	<b>75/90</b>

### Distribution of Total Hours - Elective/ Allied

Components	Allied				Elective	
	Sem. I	Sem. II	Sem. III	Sem. IV	Sem. V	Sem. VI
Lecture Hours	75	75	60	60	60	60
CIA (Continuous Internal Assessment) Test (2)	5	5	5	5	5	5
Quiz (2)	1	1	1	1	1	1
Class test (3)	3	3	3	3	3	3
Group Discussion / Seminar / Open book test	6	6	6	6	6	6
<b>Total Hours</b>	<b>90</b>	<b>90</b>	<b>75</b>	<b>75</b>	<b>75</b>	<b>75</b>



**Examination Pattern****Ratio of Internal and External (Major/Elective/Allied): 30:70****Part - III****Internal Components and Distribution of Marks**

<b>Internal Components</b>	<b>Marks</b>
Continuous Internal Test (2)	15
Quiz (2)	4
Class Test (3)	6
Assignment	5
<b>Total</b>	<b>30</b>

**Question Pattern**

<b>Internal Test</b>	<b>Marks</b>	<b>External Exam</b>	<b>Marks</b>
Part A- 4x1 (No Choice)	4	Part A - 10x1 (No Choice)	10
Part B - 3x4 (Internal Choice)	12	Part B - 5x4	20
Part C - 3x8 (Internal Choice)	24	Part C - 5x8	40
<b>Total</b>	<b>40</b>		<b>70</b>

**Part – IV****i) Part IV**

Ratio of Internal and External = 50: 50

**a) Add-on Course – Professional English****Internal Components and Distribution of Marks**

<b>Internal Components</b>	<b>Marks</b>
Listening	25
Speaking and Reading	25
<b>Total</b>	<b>50</b>

**Question pattern**

<b>External Exam</b>	<b>Marks</b>
Part A 5 x 1 (No Choice)	5
Part B 5 x 3 (Internal Choice)	15
Part C 5 x 6 (Internal Choice)	30
<b>Total</b>	<b>50</b>

**b) Non – Major Elective (NME)**

**Internal Components and Distribution of Marks**

<b>Internal Components</b>	<b>Marks</b>
Continuous Internal Assessment (2)	20
Quiz (2 quizzes)	15
Class assignment/ Home assignment/ Project report	15
<b>Total</b>	<b>50</b>

**Question Pattern**

<b>Internal Test</b>	<b>Marks</b>	<b>External Exam</b>	<b>Marks</b>
Part A 4 x 1 (No Choice)	4	Part A 5 x 1 (No Choice)	5
Part B 3 x 4 (Internal Choice)	12	Part B 5 x 3 (Internal Choice)	15
Part C 3 x 8 (Internal Choice)	24	Part C 5 x 6 (Internal Choice)	30
<b>Total</b>	<b>40</b>	<b>Total</b>	<b>50</b>

**c) Skill Enhancement Course (SEC) - Computer Literacy**

**Internal Components**

<b>Component</b>	<b>Marks</b>
Objective type questions (30x1)	30
Exercise (Book) compulsory (2x10)	20
<b>Total</b>	<b>50</b>

**External Components**

<b>Component</b>	<b>Marks</b>
Exercise 1	20
Exercise 2	10
Procedures for both Exercises	20
<b>Total</b>	<b>50</b>

**d) Skill Enhancement Course (SEC) - Meditation and Exercise**

**Internal Components**

<b>Component</b>	<b>Marks</b>
Objective type questions (20x1)	20
Exercise (2x10)	20
Assignment	10
<b>Total</b>	<b>50</b>

### External Components

Component	Marks
Quiz	20
Written assessment (Open choice –10 out of15 questions (10x3)	30
<b>Total</b>	<b>50</b>

### e) Ability Enhancement Course (AEC) - Environmental Studies

#### Internal Component

Component	Marks
Project Report	30
Viva voce	20
<b>Total</b>	<b>50</b>

#### External Component

Component	Marks
Quiz	20
Written Test (Open choice – 10 out of15 questions (10x3)	30
<b>Total</b>	<b>50</b>

### ii) Part V

**Ratio of Internal and External = 50: 50**

### a) Foundation Course - I (Values for Life)

#### Internal Component

Component	Marks
Song, Mime, Skit	20
Book Activities	20
A Kind Action	10
<b>Total</b>	<b>50</b>

#### External Component

Component	Marks
Quiz	20
Written Test ( Part A 5x2 = 10 ; Part B 5x4 = 20)	30
<b>Total</b>	<b>50</b>

### b) Foundation Course - II (Personality Development)

#### Internal Component

Component	Marks
Exercise from book	20
Skit	10
Group Album	20
<b>Total</b>	<b>50</b>

**External Component**

<b>Component</b>	<b>Marks</b>
Quiz	20
Written Test ( Part A 5x2 = 10 ; Part B 5x4 = 20	30
<b>Total</b>	<b>50</b>

**c) Foundation Course – III (Human Rights Education)**

**Internal Component**

<b>Component</b>	<b>Marks</b>
Album on current issues	20
Group Song, Mime, Skit	10
Open book test	20
<b>Total</b>	<b>50</b>

**External Component**

<b>Component</b>	<b>Marks</b>
Quiz	20
Written Test (Questions are of open choice 15 questions 3 marks each – answer any 10 (10x3)	30
<b>Total</b>	<b>50</b>

**d) Foundation Course – IV (Gender Equity Studies)**

**Internal Component**

<b>Component</b>	<b>Marks</b>
Album on current issues	20
Group Song, Mime, Skit	10
Open book test	20
<b>Total</b>	<b>50</b>

**External Component**

<b>Component</b>	<b>Marks</b>
Quiz	20
Written Test (Questions are of open choice 15 questions 3 marks each – answer any 10 (10x3)	30
<b>Total</b>	<b>50</b>

**e) SLP -Community Engagement Course (CEC) /Unnath Bharath Abhiyan (UBA)**  
(Field Work – 15 hrs; Class Hours – 15 hrs)

**Internal Component**

<b>Component</b>	<b>Marks</b>
Assignment	10
Group Discussion	10
Attendance	30
<b>Total</b>	<b>50</b>

**External Component**

<b>Component</b>	<b>Marks</b>
Project Report / Case Study(10-15 pages in print)	50
<b>Total</b>	<b>50</b>

**f) SLP – Service Learning Programme: Reaching the Unreached Neighbourhood(RUN)**

- 60 Hours mandatory programme included in the curriculum (2 credits).

**g) STP – Student Training Programme**

- Compulsory for all I & II year students (2 credits).
- Clubs and Committees – Eco Club, YRC, Rotaract Club, NSS/ RRC, AICUF, Consumer Club, Sports, Legal Literacy and Women's Cell.
- Each student can opt for one club/ committee.

**Semester I**  
**Major Core I: Micro Economics – I**  
**Course Code: FC2011**

Hours /Week	Credits	Total Hours	Marks
6	5	90	100

**Objectives**

1. To enable the students to understand the basic concepts of Economics, market structure and distribution theories.
2. To know the functioning of the different market situations, price fixation so as to start a small firm and be self employed

**Course Outcomes**

CO	Upon completion of this course the students will be able to :	PSO addressed	CL
CO- 1	understand the basic concepts and definition of Economics	PSO - 1	U
CO- 2	discuss the utility functions and wants	PSO - 1	E
CO- 3	identify the economic functions inducing demand and supply	PSO - 1	Re
CO -4	analyse the functions of indifference curves	PSO - 1	An
CO- 5	explain the production functions including homogeneous, linear and Cobb Douglas production function	PSO - 1	U

**Unit I: Basics of Micro Economics**

Definitions – Main divisions of Economics – Pure or Applied science – Scope – Importance and Limitations – Distinction between Micro and Macro Economics – Basic concepts (demand, supply, utility, goods, standard of living, value, price, market)

**Unit II: Consumption**

Human wants – Characteristics and classification of human wants – Engel's law of family expenditure – Law of Demand – Giffen's Paradox - Law of diminishing marginal utility – Law of equi - marginal utility – Consumer's surplus

**Unit III: Elasticity of Demand and Elasticity of Supply**

Elasticity of demand – Importance - Types – Factors determining elasticity of demand – Measurement of elasticity of demand: Total outlay, percentage, geometric method – Elasticity of supply – Meaning – Determinants of elasticity of supply.

**Unit IV: Indifference Curve Analysis**

Meaning – Assumption – Properties – Marginal Rate of Substitution – Price effect – Income effect – Substitution effect - Uses.

**Unit V: Production**

Meaning – Factors of production - Land, labour, capital, organization – Economies and diseconomies - Division of labour - Scale of production – Laws of Returns – Production function – Types of production function – Meaning – Iso quant and its properties – Iso cost curves.

**Text Books**

1. Devairakkam, S. (2001). *Micro Economics*, (4<sup>th</sup> ed.). Tirunelveli: D.S.R Publications.
2. Maria John Kennedy. (1999). *Advanced Micro Economic Theory*, (10<sup>th</sup> ed.) Mumbai: Himalaya Publishing House.

**Reference Books**

1. Jhingan, M.L. (2016). *Micro Economics*, (8<sup>th</sup> Revised ed.). New Delhi: Vrinda Publications (P) Ltd.
2. Cauvery. (2012). *Micro Economic Theory*, (4<sup>th</sup> Revised ed.). New Delhi: S.Chand & Company Ltd.
3. Sankaran, S. (2012). *Micro Economics*, (7<sup>th</sup> ed.). Madras: Margham Publications.
4. Seth, M.L. (2006). *Micro Economics*. (22<sup>nd</sup> Revised ed.). Agra: Lakshmi Narain Agarwal Educational Publishers.

**Semester I**  
**Allied I: Economic Statistics - I**  
**Course Code: FA2011**

Hours / Week	Credits	Total Hours	Marks
6	4	90	100

**Objectives**

1. To enable students to understand the use of statistical tools.
2. To learn the application of statistical tools in different fields and find employment in statistical institutes and offices related to it.

**Course Outcomes**

CO No.	Upon completion of this course the students will be able to :	PSO addressed	CL
<b>CO- 1</b>	identify the functions of Statistics	<b>PSO - 4</b>	<b>Ap</b>
<b>CO- 2</b>	understand the organization of statistical survey	<b>PSO - 4</b>	<b>U</b>
<b>CO -3</b>	analyze the classification and presentation of data	<b>PSO - 4</b>	<b>An</b>
<b>CO- 4</b>	describe the types of averages	<b>PSO - 4</b>	<b>U</b>
<b>CO -5</b>	analyze the concepts of measures of dispersion	<b>PSO - 4</b>	<b>An</b>

**Unit I: Statistics**

Meaning - Horace Secrist's definition – Characteristics of statistics — Functions – Importance of Statistics - Limitations

**Unit II: Organisation of Statistical Survey**

Meaning of survey, Planning and design – Execution of survey - Collection of data – Primary and secondary data – Methods of collecting primary data – Sources of secondary data — Census and sampling - Methods of sampling.

**Unit III: Classification and Presentation of Data**

Meaning and objective of classification – Types of classification – Discrete and continuous frequency distribution – Tabulation of data – Parts of tables – Rules of tabulation – Types of tables.

Diagrammatic and graphic presentation of data – Rules for constructing diagrams and graphs (Theory only)

**Unit IV: Measures of Central Tendency**

Averages – Qualities of a good average – Types of averages – Arithmetic mean, Median, Mode, Geometric mean and Harmonic mean - Relative merits and demerits.

**Unit V: Measures of Dispersion**

Measures of dispersion – Qualities of a good measure of dispersion – Types of dispersion – Range, Quartile deviation – Mean deviation – Standard deviation.



**Text Book**

Pazhnai, K (2019). *Economic and Business Statistics*, (4<sup>th</sup> ed.). Sivakasi, Annai Nilayam.

**Reference Books**

1. Gupta, S.P. (2014). *Statistical Methods*. (43<sup>rd</sup> ed.). New Delhi: Sultan Chand and Sons.
2. Gupta, S.C. (2015). *Fundamentals of Statistics*, (17<sup>th</sup> ed). Bombay: Himalaya Publishing House.
3. Pillai, R.S.N. & Bagavathi. (2015). *Statistics*, (19<sup>th</sup> ed.). New Delhi: S. Chand & Company Pvt. Ltd.
4. Sencheti, D.C., & Kappir, V.K. (2008). (8<sup>th</sup> ed.). *Statistics Theory*. New Delhi: Methods and Application. Sultan Chand & Sons.
5. Harry Frank, Stevan & C. Althoen, (2011). *Statistics Concepts and Application*. (11<sup>th</sup> ed.). U.K: Cambridge University.

**Semester I**  
**Add On Course**  
**Professional English for Arts and Social Sciences - I**

**Course Code: AAS201**

<b>Hours /Week</b>	<b>Credits</b>	<b>Total Hours</b>	<b>Marks</b>
<b>2</b>	<b>2</b>	<b>30</b>	<b>100</b>

**Objectives**

1. To enhance the lexical, grammatical and socio-linguistic and communicative competence.
2. To develop creative and critical thinking of students.

**Course Outcomes**

<b>CO</b>	<b>Upon completion of this course the students will be able to:</b>	<b>PSO addressed</b>	<b>CL</b>
CO – 1	showcase their proficiency in using the language.	1	R
CO – 2	comprehend and respond with precision.	2	U
CO – 3	speak and write with confidence in an intelligible manner.	3	Ap
CO – 4	apply language skills in workplace.	3	Ap
CO – 4	analyze critically, negotiate and present without committing errors.	4	An

**Unit I: Communication**

1. Listening to Audio Text & answering Questions
2. Pair Walk
3. Comprehension passage
4. Developing a story with pictures
5. Vocabulary

**Unit II: Description**

1. Listening to Process Description – Online shopping
2. Speaking – Role play – sample 1
3. Reading Passages on Products
4. Process Description – Compare & Contrast
5. Vocabulary

### **Unit III: Negotiation Strategies**

1. Listening to interviews of specialists
2. Brain Storming (Mind mapping)
3. Economic System (Longer Reading Text)
4. Why learn the skill of writing an essay
5. Vocabulary

### **Unit IV: Presentation Skill**

1. Listening to Lecture – I
2. Short Talks – I
3. Reading comprehension – passage I
4. Writing Recommendations
5. Vocabulary

### **Unit V: Critical Thinking Skills**

1. Listening Comprehension
2. Speaking – Making Presentation – Task 1 & 2
3. Reading – Comprehension Passages, Note making
4. Writing - Problem & Solution Essays, Creative writing
5. Vocabulary

### **Text Book:**

Tamil Nadu State Council for Higher Education (TANSCHE). *Professional English for Arts and Social Sciences – I.*

**Semester I**  
**Non Major Elective (NME): General Economics - I**  
**Course Code: FNM201**

Hours / Week	Credits	Total Hours	Marks
2	2	60	100

**Objectives**

1. To enable the students to understand the basic concepts of Economics
2. To know the functions of demand supply and utility

**Course Outcomes**

CO	Upon completion of this course the students will be able to :	PSO addressed	CL
CO- 1	identify the subject matter of Economics and types of goods	PSO - 1	Re
CO- 2	understand demand function	PSO - 1	U
CO- 3	understand Supply function	PSO - 1	U
CO -4	discuss marginal utility and the characteristics of human wants	PSO - 1	Cr
CO- 5	analyse the price determination under different market condition	PSO - 5	An

**Unit I: Introduction**

Definition – Subject matter of Economics – Types of goods

**Unit II: Demand**

Demand – Meaning of demand – Individual demand – Market demand – Meaning – Law of demand – Demand curve – Exceptions to the Law of Demand

**Unit III: Supply**

Meaning of supply – Individual supply – Market supply – Joint supply – Exception of supply curve

**Unit IV: Utility**

Meaning –Law of diminishing marginal utility – Human wants - Characteristics

**Unit V: Price Determination**

Features of different markets (Monopoly, perfect competition, monopolistic competition, oligopoly) - Equilibrium of demand curve and supply curve

**Text Book**

H.L.Ahuja, (2000), Advanced Economic Theory, S. Chand & Co, New Delhi.

**Reference Books**

1. M.L.Seth (2017), (2<sup>nd</sup> ed) *Macro Economics*, Lakshimi Narain Agrawal, Agra.
2. Hejela T (1999), *Monetary Economics*, Sultan Chand Publications, New Delhi.

**Semester I**  
**Skill Enhancement Course (SEC): Computer Literacy**

**Course Code: SEC202**

<b>Hours/Week</b>	<b>Credits</b>	<b>Total Hours</b>	<b>Total marks</b>
<b>2</b>	<b>2</b>	<b>30</b>	<b>100</b>

**Objective**

To enable students to understand the basic working of ms office which includes MS word, excel and power point.

**Unit I**

Microsoft Word: Starting MS-Word – Introduction to word 2007 user interface – Understanding document views – Creating a new document – Saving a file – Printing a document – Opening an existing file – Microsoft word 2007 basic features.

**Unit II**

Formatting text – Formatting paragraphs – Graphics – Tables – Page Setup – Bullets and Numbering – Columns and Ordering – Text Boxes – Mail Merge.

**Unit III**

Microsoft Excel: Starting MS- Excel – Introduction to Excel 2007 user interface – Creating a New workbook – Saving a workbook – Opening an Existing workbook – Entering data into a cell – Selecting cells – Entering data using autofill – Using merge & center – Sorting data – Creating a table – Formatting a table.

**Unit IV**

Adjusting cell data alignment – Changing cell data orientation - Adding borders to cell – Basic operations on worksheet – Advanced operations on worksheets – Resizing columns and rows in a worksheet – Using formulas and functions – Charts.

**Unit V**

Microsoft PowerPoint: The PowerPoint window – PowerPoint views – Create a new presentation - Changing a slide layout – Inserting text on a new slide – Inserting a new slide –Rearrange the order of slides – Delete a slide – Save a presentation – Applying themes to a presentation – Change background style – Creating a textbox – Format textboxes – Add an image – Format an image – WordArt – Slide transitions – Slide animation - Setup slide show.

**Text Book**

1. J. Anto Hepzie Bai & S. J. Jenepha Mary, “Step Into Microsoft Office 2007”.

**Semester I & II**  
**Foundation Course I -Values for Life**  
**Course Code: FCV201**

Hours / Week	Credit	Total Hours	Marks
1	1	30	100

**Objectives:**

1. To inculcate the importance of values among the students.
2. To instill personal, family, social and religious values among the learners.
3. To equip them as responsible human beings.

**Course Outcomes**

CO No.	<i>Upon completion of this course, the students will be able to:</i>	PSO Addressed	Cognitive Level
CO-1	understand the human values, its importance and components	PSO-	U
CO-2	apply the values learnt in real life situation	PSO-	Ap
CO-3	comprehend the different personal values and its components	PSO-	U
CO-4	realize the personal values and to practice them	PSO -	Ap
CO - 5	understand the family values	PSO -	U

**Unit I**

Values – meaning- definition –value education - importance – objectives – essence  
– components- process - issues to be taught – benefits – significance of values in the present scenario - core value concerns – role of educators

**Unit II**

Personal Values – importance – purpose – factors that form personal values – components -assistance, truth, hard work, perseverance, respect for elders and teachers.

**Unit III**

Family Values - types – selfless love and service, sacrifice, Affection, gratitude, sharing humanity, kindness, peace, obedience, Infatuation – love – marriage – relationship Familial love – brotherly love – sisterly love – parental love – definition – quotes from title

## **Unit IV**

Social values – function – benefits - Components – honesty, integrity, compassion, empathy, commitment, responsibility, discipline, punctuality, respect, courtesy, dedication, attitude.

## **Unit V**

Religious values – faith, belief, forgiveness, surrender. Prayer – definition – components – types, benefits God's love and protection – relevant quotes and reflections.

## **Text Book**

Ed. Jansi, Mary, Jeyaseeli, Mary Helen Stella and  
AnithaMalby. Values for Life. SarasPublication. Nagercoil.

**Semester II**  
**Major Core II: Micro Economics - II**  
**Course Code: FC2021**

Hours / Week	Credits	Total Hours	Marks
6	5	90	100

**Objectives**

1. To enable the students to understand the basic concepts of Economics, market structure and distribution theories.
2. To know the functioning of the different market situations, price fixation so as to start a small firm and be self employed

**Course Outcomes**

CO	Upon completion of this course the students will be able to :	PSO addressed	CL
CO- 1	understand the types of cost, revenue and their application in economic transactions.	PSO - 1	U
CO- 2	identify the market equilibrium under perfect competition and monopoly	PSO – 5	Ap
CO- 3	analyze the determination of price under monopolistic competitions, oligopoly and duopoly	PSO – 5	An
CO -4	understand the different aspects of rent, wage and the theories related to them.	PSO - 5	U
CO- 5	discuss the aspects of interest, profit and theories related to them	PSO - 5	Cr

**Unit I: Cost and Revenue**

Meaning of cost – Total cost, Fixed cost, Variable cost – Average cost and Marginal cost – Short run and Long run cost curves – Relationship between MC and AC Curves – Revenue – Meaning - Total revenue – Average revenue – Marginal revenue – Revenue curves – Relationship between MR and AR curve.

**Unit II: Perfect Competition and Monopoly**

Perfect competitions – Meaning and its features - Monopoly – Meaning - Features – Types, Causes - Discriminating monopoly – Price determination under Monopoly.

**Unit III: Monopolistic Competition, Oligopoly and Duopoly**

Monopolistic Competition – Meaning – features – price determination – Types of price discrimination – Oligopoly – kinked demand curve – Duopoly – Characteristics of Duopoly.

**Unit IV: Theories of Rent and Wages**

Rent and Quasi rent - Meaning - Ricardian theory of rent- Modern theory of rent - Quasi rent –Wages: Meaning, Types of wages, Theories of wages – Wage fund theory - Subsistence theory of wages –Marginal productivity theory of wages – Modern theory of wages

**Unit V: Theories of Interest and Profit**

Interest – Meaning and Types - Theories of Interest - Loanable fund theory - Liquidity preference theory. Profit: Meaning - Types – Theories of profit: Risk bearing theory –Uncertainty bearing theory – Dynamic theory – Innovation theory.



**Text Books**

1. Devairakkam, S. (2001). *Micro Economics*, (4<sup>th</sup> ed.). Tirunelveli: D.S.R Publications.
2. Maria John Kennedy. (1999). *Advanced Micro Economic Theory*, (10<sup>th</sup> ed.) Mumbai: Himalaya Publishing House.

**Reference Books**

1. Jhingan, M.L. (2016). *Micro Economics*, (8<sup>th</sup> Revised ed.). New Delhi: Vrinda Publications (P) Ltd.
2. Cauvery. (2012). *Micro Economic Theory*, (4<sup>th</sup> Revised ed.). New Delhi: S.Chand & Company Ltd.
3. Sankaran, S. (2012). *Micro Economics*, (7<sup>th</sup> ed.). Madras: Margham Publications.
4. Seth, M.L. (2006). *Micro Economics*. (22<sup>nd</sup> Revised ed.). Agra: Lakshmi Narain Agarwal Educational Publishers.

**Semester II**  
**Allied II: Economic Statistics – II**  
**Course Code: FA2021**

Hours / Week	Credits	Total Hours	Marks
6	4	90	100

**Objectives**

1. To enable students to understand the use of statistical tools.
2. To learn the application of statistical tools in different fields and find employment in statistical institutes and offices related to it.

**Course Outcomes**

CO	Upon completion of this course the students will be able to :	PSO addressed	CL
CO- 1	identify the significance and methods of calculating correlation	PSO – 4	Ap
CO- 2	analyze the functions of regression	PSO – 4	An
CO- 3	identify the functions and methods of time series analysis	PSO – 4	Ap
CO- 4	assess the practical application of Index numbers	PSO – 4	U
CO- 5	describe the theories of probability	PSO – 4	U

**Unit I: Correlation**

Meaning – Significance – Types – Methods of calculating correlation: Graphical Methods – Karl Pearson's Coefficient – Rank Correlation.

**Unit II: Regression**

Meaning – Uses of regression – Regression equation – Regression lines – Fitting a regression line (Least Square Method) – Differences between Correlation and Regression.

**Unit III: Time Series Analysis**

Meaning - Utility of time series analysis – Components of Time series - Measurement of Trend and Seasonal variations.

**Unit IV: Index Numbers**

Meaning – Uses – Types (Price, Quantity and value) – Difficulties in the construction of Index numbers – Methods of calculating index number.

**Unit V: Probability**

Meaning – Theory of Probability – Random experiments and events – Theorems of probability – Addition theorem – Multiplication Theorem (Simple Problems)

**Text Book**

Pazhnai, K (2019). *Economic and Business Statistics*, (4<sup>th</sup> ed.). Sivakasi, Annai Nilayam.

**Reference Books**

1. Gupta, S.P. (2014). *Statistical Methods*. (43<sup>rd</sup> ed.). New Delhi: Sultan Chand and Sons.
2. Gupta, S.C. (2015). *Fundamentals of Statistics*, (17<sup>th</sup> ed). Bombay: Himalaya Publishing House.
3. Pillai, R.S.N. & Bagavathi. (2015). *Statistics*, (19<sup>th</sup> ed.). New Delhi: S. Chand & Comp Pvt. Ltd.
4. Sencheti, D.C., & Kappir, V.K. (2008). (8<sup>th</sup> ed.). *Statistics Theory*. New Delhi: Methods and Application. Sultan Chand & Sons.
5. Harry Frank, Stevan & C. Althoen, (2011). *Statistics Concepts and Application*. (11<sup>th</sup> ed.). U.K: Cambridge University.

**Semester II**  
**Add On Course**  
**Professional English for Arts and Social Sciences- II**  
**Course Code: AAS202**

Hours / Week	Credits	Total Hours	Marks
2	2	30	100

**Objectives**

1. To enhance the lexical, grammatical and socio-linguistic and communicative competence.
2. To develop creative and critical thinking skills of students.

**Course Outcomes**

CO	Upon completion of this course the students will be able to:	PSO addressed	CL
CO - 1	recognise new words with its meaning and usage	1	R
CO - 2	comprehend unfamiliar texts and describe with ease.	2	U
CO - 3	apply language for speaking and writing with confidence in an intelligible and acceptable manner.	3	Ap
CO - 4	apply critical and theoretical approaches in analysing concepts and contexts	3	Ap
CO - 5	analyze critically, negotiate and present without committing errors.	4	An

**Unit I:Communication**

2. Listening to instruction
3. Small Group Work
4. Comprehension- Difference between facts & opinions
5. Developing a short poem with pictures
6. Vocabulary

**Unit II:Description**

6. Listening to Process Description - Cartographic Process
7. Speaking – Role play – sample 2
8. Reading Passages on Equipment & gadgets
9. Paragraph: Sentence Definition & Extended Definition, Free writing
10. Vocabulary

### **Unit III: Negotiation Strategies**

6. Listening to interviews of inventors in fields
7. Small Group Discussion – Specific
8. Longer reading text –The Art of Loving
9. Essay Writing – Solidarity
10. Vocabulary

### **Unit IV: Presentation Skill**

6. Listening to Lecture – 2
7. Short Talks – Poverty and the need to alleviate it
8. Reading comprehension – passage 2
9. Interpreting Visual Inputs
10. Vocabulary

### **Unit V: Critical Thinking Skills**

6. Listening for Information
7. Making Presentation task 3& 4
8. Motivational Articles on Professional Competence, Professional Ethics & Life Skill
9. Problem & Solution Essays, Summary Writing
10. Vocabulary

### **Text Book:**

Tamil Nadu State Council for Higher Education (TANSCH). *Professional English for Arts and Social Sciences – I.*

**Semester II**  
**Non Major Elective (NME): General Economics - II**  
**Course Code: FNM202**

Hours / Week	Credits	Total Hours	Marks
2	2	60	100

**Objectives**

1. To enable the students to understand the concepts of Economics
2. To know the functions of money and the problems of Indian Economy

**Course Outcomes**

CO	Upon completion of this course the students will be able to :	PSO addressed	CL
CO- 1	understand the concepts of Macro Economics and National Income	PSO - 3	U
CO- 2	identify the objectives and instruments of monetary policy	PSO - 3	Re
CO- 3	explain the exchange rate and international organisations	PSO - 2	An
CO -4	discuss the subject matter of public finance	PSO - 3	Cr
CO- 5	analyse the problems of Indian Economy	PSO - 3	An

**Unit I: Macro Economics**

Meaning –Basic concepts in Macro economics – National income – Concepts

**Unit II: Money and Banking**

Evolution of money –Types of money – Functions of money – Monetary policy – RBI – Objectives – Instruments

**Unit III: International Economics**

Meaning – Balance of payment – Exchange Rate – Fixed and floating exchange rate – IMF – IBRD – GATT – WTO

**Unit IV: Public Finance**

Meaning and subject matter of public finance – Public revenue – Public expenditure – Public debt - Budget

**Unit V: Indian Economy**

Nature of Indian Economy – Sectors of Indian Economy – Problems of Indian Economy – Population – Unemployment – Poverty and income inequality

**Text Book**

H.L.Ahuja, (2017),(21<sup>st</sup> ed) *Avanced Economic Theory*, S. Chand & Co, New Delhi.

**Reference Books**

1. M.L.Seth (2017), (2<sup>nd</sup> ed) *Macro Economics*, Lakshimi Narain Agrawal, Agra.
2. Hejela T (1999), *Monetary Economics*, Sultan Chand Publications, New Delhi.

**Semester I/II**  
**Skill Enhancement Course (SEC): Meditation and Exercise**  
**Course Code: SEC201**

Hours /week	Credit	Total hours	Marks
2	2	30	100

**Objectives**

1. To promote good - health and emotional stability among students.
2. To increase relaxation of body and mind.
3. To equip the students with traditional understanding of yogasanas and meditation.
4. To prevent stress-related health problems.

**Unit I: Physical Health**

Physical Structure of Human Body- Five Factors to Balance in Life- Nadisuthi- Neuro- Muscular Breathing Exercises - Eye exercises - Kapalabathi.

**Unit II: Yogasanas**

Surya Namaskar- Eka Pada Asana (Viruchhasana) - Chakrasana (sideways) - Uthkadasana - Padmasana- Vajrasana- Pachi Mothasana- Navasana- Pavana Mukthasana- Salabhasana- Dhanurasana- Makkarasana.

**Unit III: Mind**

Mind-Mental frequency- Meditation- Benefits of Meditation.

**Unit IV: Personality Development**

Analysis of Thought - Six roots for thought – Introspection for analysis of thought - Practical technique for analysis of thought - Moralization of desire - Analysis of desire - Practical technique for moralization of desire.

**Unit V: Human Resources Development**

Eradication of worries- Analyse your problems and eradicate worry – Practical exercise to eradicate worries- Benefits of Blessings - Effect of good vibrations - practicing blessing a daily habit.

**Text Book:**

Value Education - Vision for Wisdom World Community Service Centre , Aliyar.

**Reference books:**

1. Handbook on Yoga-N.C.Narayanan
2. Simplified Physical Exercises - ThathuvagnaniVethathiri Maharishi
3. Mind - ThathuvagnaniVethathiri Maharishi
4. Yoga for modern age - ThathuvagnaniVethathiriMaharishi.
5. Yogasanas-- Vision for Wisdom World Community Service centre , Aliyar.

**Semester II & III**  
**Service Learning Programme (SLP)**  
**Community Engagement Course**  
**Course Code: SLP201**

Credits	Total no. of hours	Total marks
2	30 (15 classroom + 15 field)	100(50 + 50)

**Objectives:**

- To develop an appreciation of rural culture, life-style and wisdom amongst students
- To learn about the status of various agricultural and rural development programmes
- To understand causes for rural distress and poverty and explore solutions for the same
- To apply classroom knowledge of courses to field realities and thereby improve quality of learning

**Learning Outcomes:**

After completing this course, student will be able to

- Gain an understanding of rural life, culture and social realities
- Develop a sense of empathy and bonds of mutuality with local community
- Appreciate significant contributions of local communities to Indian society and economy
- Learn to value the local knowledge and wisdom of the community
- Identify opportunities for contributing to community's socio- economic improvements

**b) Credit**

2 credit, 30 hours, at least 50% in field, compulsory for all students

**c) Contents**

Divided into four Modules, field immersion is part of each Unit

Course Structure: 2 Credits Course (1 Credit for Classroom and Tutorials and 1 Credit for Field Engagement)

S.No .	Module Title	Module Content	Assignment	Teaching/ Learning Methodology	No. of Classes
1	<b>Appreciation of Rural Society</b>	Rural life style, rural society, caste and gender relations, rural values with respect to community, nature and resources, elaboration of "soul of India lies in villages" (Gandhi),	Prepare a map (physical, visual or digital) of the village you visited and write an essay about inter-family relations in that village.	- Classroom Discussions  - Field visit**	2 4 2

		rural infrastructure		- Assignment Map	
2	<b>Understanding rural economy &amp; livelihood</b>	Agriculture, Farming, landownership, water management, animal husbandry, non- farm livelihoods and artisans, rural entrepreneurs, rural markets	Describe your analysis of rural household economy, its challenges and possible pathways to address them	- Field visit** - Group discussions in class  - Assignment	3 4  1
3	<b>Rural Institutions</b>	Traditional rural organisations, Self-help Groups, Panchayati raj institutions (Gram	How effectively are Panchayati raj institutions functioning in the village? What would you suggest to	- Classroom - Field visit**  - Group presentation of	2 4  2



		Sabha, Gram Panchayat, Standing Committees), local civil society, local administration	improve their effectiveness? Present a case study (written or audio-visual)	Assignment	
4	<b>Rural Development Programmes</b>	History of rural development in India, current national programmes: Sarva Shiksha Abhiyan, Beti Bachao, Beti Padhao, Ayushman Bharat, Swachh Bharat, PM Awaas Yojana, Skill India, Gram Panchayat Decentralised Planning, NRLM, MNREGA, etc.	Describe the benefits received and challenges faced in the delivery of one of these programmes in the rural community; give suggestions about improving implementation of the programme for the rural poor.	- Classroom  - Each student selects one program for fieldvisit**  - Written assignment	2  4  2

**\*\* Recommended** field-based practical activities:

- Interaction with SHG women members, and study of their functions and challenges; planning for their skill building and livelihood activities
- Visit MGNREGS project sites, interact with beneficiaries and interview functionaries at the work site
- Field visit to Swachh Bharat project sites, conduct analysis and initiate problem solving measures
- Conduct Mission Antyodaya surveys to support under Gram Panchayat Development Plan (GPDP)
- Interactive community exercise with local leaders, panchayat functionaries, grass-root officials and local institutions regarding village development plan preparation and resource mobilization
- Visit Rural Schools / mid-day meal centres, study Academic and

infrastructural resources and gaps

- Participate in Gram Sabha meetings, and study community participation
- Associate with Social audit exercises at the Gram Panchayat level, and interact with programme beneficiaries.
- Attend Parent Teacher Association meetings, and interview school drop outs
- Visit local Anganwadi Centre and observe the services being provided
- Visit local NGOs, civil society organisations and interact with their staff and beneficiaries,
- Organize awareness programmes, health camps, Disability camps and cleanliness camps
- Conduct soil health test, drinking water analysis, energy use and fuel efficiency surveys
- Raise understanding of people's impacts of climate change, building up community's disaster preparedness
- Organise orientation programmes for farmers regarding organic cultivation, rational use of irrigation and fertilizers and promotion of traditional species of crops and plants
- Formation of committees for common property resource management, village pond maintenance and fishing

### **Teaching & Learning Methods**

A large variety of methods of teaching must be deployed:

UGC will prepare an ICT based MOOC for self-paced learning by students for the 1 credit to be conducted in the classroom

Reading & classroom discussions, Participatory Research Methods & Tools, Community dialogues, Oral history, social and institutional mapping, interactions with elected panchayat leaders and government functionaries, Observation of Gram Sabha, Field visits to various village institutions.

### **Recommended Readings**

#### **Books:**

1. Singh, Katar, Rural Development : Principles, Policies and Management, SagePublications, New Delhi, 2015.
2. A Hand book on Village Panchayat Administration, Rajiv Gandhi Chair forPanchayati Raj Studies, 2002.
3. United Nations, Sustainable Development Goals, 2015 [un.org/sdgs/](http://un.org/sdgs/)
4. M.P.Boraian, Best Practices in Rural Development, Shanlax Publishers, 2016.

Journals:

1. Journals of Rural development, (published by NIRD & PR Hyderabad)
2. Indian Journal of Social Work, (by TISS, Bombay)
3. Indian Journal of Extension Education (by Indian Society of Extension Education)
4. Journal of Extension Education (by Extension Education Society)
5. Kurukshetra (Ministry of Rural Development, GoI)
6. Yojana (Ministry of Information and Broadcasting, GoI)

**Semester III**  
**Major Core III: Macro Economics - I**  
**Course Code: FC2031**

Hours/ Week	Credits	Total Hours	Marks
6	5	90	100

### Objectives

1. To enable the students to understand Macro Economic concepts, theories and policies.
2. To understand the different components of national income, to know the profitable channels of investment and thereby find avenues of employment.

### Course Outcomes

CO	Upon completion of this course the students will be able to :	PSO addressed	CL
CO - 1	understand the meaning, types and importance of Macro Economics	PSO - 1	U
CO - 2	explain the concepts and law of consumption	PSO - 1	An
CO - 3	understand the various concepts of National Income	PSO - 7	U
CO - 4	identify the problems of measuring National Income	PSO - 1	Re
CO - 5	appraise the various methods of measuring National Income	PSO - 7	Ev
CO - 6	analyze the theories of employment	PSO - 9	An
CO - 7	identify the features and working of Multiplier and Accelerator	PSO - 2	Re

### Unit I: Introduction to Macro Economics

Meaning of Macro Economics – Macro statics - Macro Dynamics –  
 Comparativestatics – Stock and flow concept – Importance and Limitations of Macro  
 Economic analysis

### Unit II: National Income

Meaning and Definition – Concepts – Gross Value Added – Meaning - Circular  
 flow of income (Two sector model) – Methods of measuring National income –Difficulties  
 involved in measuring National Income – Problem of double counting – Green GDP –  
 scope – accounting – advantages.

### Unit III: Theory of Employment

Meaning of full employment – Types of unemployment – Classical theory of output  
 and employment. Say's law of Markets — Pigou's view on involuntary unemployment; -  
 Keynesian

concept of effective demand – Aggregate supply function and Aggregate demand function – ex-ante saving and ex-ante investment – Comparison of classical and Keynesian theory.

## **Unit IV: Consumption Function**

Consumption and income – Significance of consumption - Average and marginal propensity to consume and relationship between the two – Factors determining consumption function - Keynes' psychological law of consumption – Importance of consumption function.

## **Unit V: Multiplier and Accelerator**

Multiplier – Meaning – Assumptions – Working of multiplier – Leakages - Importance - Limitations – Accelerator principle – Meaning – Assumptions – Operation – Limitations – A note on foreign trade multiplier.

### **Text Book**

Maria John Kennedy, M. (2011). *Macro Economic Theory*. New Delhi: PHI Learning Private Ltd.

### **Reference Books**

1. Jhingan, M.L. (2012). *Macro Economic Theory*. New Delhi: Vrinda Publications.
2. Rana, K.C. & Varma K. N. (2007). *Macro Economics Analysis*. (8<sup>th</sup> ed.). Jalandhar: Vishal Publishing Co.
3. Mithani, D.M. (1980). *Macro Economics*. (4<sup>th</sup> ed.). New Delhi: Oxford & IBH publishing Co.
4. Gupta, R.D. (2013). *Keynes and Post Keynesian Economics*. Kalyani publishers.
5. Seth M.L. (1983). *Macro Economics*. (13<sup>th</sup> ed.). Lakshmi Narain Agarwal Educational Publishers.

**Semester – III**  
**Elective I: (a) Monetary Economics**  
**Course Code: FC2032**

Hours/ Week	Credits	Total Hours	Marks
5	4	75	100

**Objectives:**

1. To understand the importance of money, evolutions and its functioning mechanism.
2. To enrich the knowledge on functioning of money and capital markets

**Course Outcomes**

Co. No	Upon completion of this course the students will be able to :	PSO addressed	CL
CO - 1	analyze the causes and effects of Inflation on different income group/classes of people in daily life	PSO – 1	An
CO -2	distinguish between the monetary and non monetary factors causing trade cycles in the economy	PSO – 7	An
CO – 3	identify the meaning, types, functions and theories of money	PSO – 1	U
CO – 4	illustrate the functions of money its demand and supply	PSO – 1	Ap
CO - 5	understand the meaning and functions of a bank, the structure, problems of Indian money market and concepts related to banking	PSO - 5	U
CO -6	demonstrate e-banking facilities, advantages and disadvantages	PSO – 5	Ap

**Unit – I: Evaluation of Money and Monetary Standards**

Barter system – Evolution of Money – Definitions of money – Classification of Money – Functions of Money – Significance and Defects of Money – Gold Standard: Types – Causes for the breakdown of Gold Standard – Gresham’s Law – Paper Currency Standard – Systems of Note Issue.

**Unit – II: Demand for and Supply of Money**

**Demand for Money:** Quantitative Theory of Money – Fisher’s Transaction Version – Cambridge Version – Friedman’s Theory of Demand for Money.

**Supply of Money:** Meaning – Classification – Determinants of Money Supply – Measures of Money supply in India – Recent Trends.

## **Unit – III: Money Market and Capital Market**

**Money Market:** Meaning – Features of Indian money market – Functions – Defects –

**Capital Market:** Meaning – Features – Components and functions of Indian Capital market - Difference between Capital market and Money market – Defects

**Stock Exchange Market:** Meaning – Concepts of Securities, Shares, Bonds, National Stock Exchange Market – Sensex – Nifty (Non Banking Financial Institutions)

## **Unit – IV: Banking**

Meaning and functions – Role and functions of Commercial Bank in India – Commercial Banks and Multiple credit creation, Commercial Bank's role after nationalization – Recent trends in Banking – Balance Sheet – RBI's role in Economic Development- Narasimhan Committee report – Raguram Rajan Report – NPA's Indian Banking

## **Unit – V: Monetary Policy**

Meaning – Objectives – Instruments of monetary policy in Developing Economics- Limitations of Monetary policy – Introduction to New Agreements – Note on MPC

### **Text Book**

Cauvery, (2003). *Monetary Economics*, New Delhi: S.Chand Publishers.

### **Reference books**

1. Jhingan, M.L. (2006). *Money, Banking and International Trade*, New Delhi: Vrinda Publications (p) Ltd,
2. Sundaram, K.P.M. (2000). *Money, Banking and International trade*, New Delhi: Sulthan Chand & Sons.
3. Suraj B Gupta, (2006). *Monetary Economics Institutions Theory and Policy*, New Delhi: S. Chand & Company Ltd.
4. S. Sankaran, (2013) *Monetary Economics*, Chennai: Margham Publications.
5. Devairakkam, S. (2001). *Monetar Economics*. D.S.R.Publications.

**Semester – III**  
**Elective I: (b) Development Economics**  
**Course Code: FC2034**

Hours/ Week	Credits	Total Hours	Marks
5	4	75	100

**Objectives**

1. To enable the conceptual to economic development framework
2. To enrich the knowledge of growth and development theories

**Course Outcomes**

CO	Upon completion of this course the students will be able to:	PSO addressed	CL
CO- 1	explain the concepts of growth and development	PSO -1	An
CO- 2	Identify the theories of economic growth	PSO - 4	U
CO- 3	illustrate the strategies of growth	PSO - 4	Ap
CO -4	identify the achievements of planning	PSO - 1	Re
CO- 5	Analyse the obstacle role of development	PSO - 4	An

**Unit – I Development: Concept and Approaches**

Meaning of Development - Meaning of under development – Meaning of Growth – Characteristics of Less Development and development – Obstacles to Economic Development – Role of capital formation in Economic Growth.

**Unit – II Classic Theory**

Theory of Adam Smith – Theory of Ricardo and the Theory of Malthus

**Unit – III Theories of Growth and Growth Strategies**

Big Push – Balanced growth approach of Ragnar Nurkse – Unbalanced Growth approach – W.W Rostow's growth theory – Lewi's Growth Model.



## **Unit – IV Indian Growth Strategies**

Gandhian Growth Strategy – Nehru’s Growth strategy – Mahalanobi’s Two sector model – Manmohan’s growth strategies.

## **Unit – V Indian Experience**

Objectives and achievements of First Plan – Second Plan – Plan Holidays – 12<sup>th</sup> Plan - NITI AAYOG: Overview – Constitution – Functions – Role – Goals.

### **Text Book:**

1. Uma Kapila (2017), Indian Economy since Independence, Academic Foundation, New Delhi.
2. Misra S.K and Puri V.K (2015), Economics of Development and Planning, Himalaya Publishing House, New Delhi.

### **Reference Books**

1. A.P Thirlwall, (2011), Economics of Development Theory and Evidence, Palgrave Macmillan, London.
2. Taneja M.L and Myer R.M (2011), Economics of Development and Planning, Vishal Publishing Co. New Delhi.
3. Gaurav Datt and Ashwaani Mahajan (2017), Dutt & Sundharam Indian Economy S. Chand & Company Ltd. New Delhi.
4. Uma Kapila (2014), Indian Economy Performance and Policy, Academic Foundation, New Delhi.
5. Jingan M.L (2014), The Economics of Development and Planning, Vrinda Publications P Ltd., New Delhi.

**Semester – III**  
**Elective I: (c) Political Economy**  
**Course Code: FC2034**

Hours/Week	Credits	Total Hours	Marks
5	4	75	100

**Objectives**

1. To understand the conceptual framework of Political Economy
2. To enable the students to earn globalization and Political Economy

**Course Outcomes**

CO	Upon completion of this course the students will be able to:	PSO addressed	CL
CO- 1	able to explore changes in the organisation of production, labour market institutions and corporate structure.	PSO - 8	U
CO- 2	understand the consequence of globalisation, especially of financial flows, for the role of the state, economic performance, environment, human welfare and development	PSO - 4	U
CO- 3	identify how global capitalism has its strong role in changing the political economy of developing economies	PSO - 5	Re
CO -4	able to understand the political background of the role of state on framing and implementing Economic Policies	PSO - 7	U
CO- 5	able to grasp the influence of globalisation on Indian Political Economy	PSO - 7	Re

**Unit – I Introduction of Capitalism**

Understanding Political Economy – Perspective on political economy with a historical overview – Capitalist development in the pre-second world period, the golden age’ and later

**Unit – II Dynamics of Capitalism**

Changing Dynamics of Capitalist Production – Organisational Form and Labour Process  
 Fordist and Post – Fordist production – Changing dynamics of organization of production –  
 Markets and labour process: the changing nature of job security and labour rights (before and after globalization)

**Unit – III Globalisation, State and Economy**

The state in the Era of Globalisation: Welfare, Development and Autonomy –  
 Globalisation and the limits of the welfare state, development and state autonomy –  
 Accumulation and globalization; issues in environment and sustainability; alternative ahead.

**Unit – IV Role of Globalisation and Finance**

The changing role of finance in capital accumulation an corporate structure; finance and globalization – Financialisation, financial liberalization and financial crisis.

## **Unit – V Globalisation and Indian Political Economy**

The Social Dimension of Globalisation and uneven development – Growth, inequality and exclusion, changing nature of political economy of India under the influence of Global Capitalism.

### **Reference Books**

1. Michel Beaud, (2010), A History of Capitalism, by Tom Dickman and Anny Leebvre, Monthly Review Press, New York.
2. J . Schumpeter, (1976), Capitalism, Socialism and Democracy, George Allen and Unwin, Chapters 6, 7 and 8.
3. Narasmha Reddy. (2003), Economic Globalisation, Past and Present – The Challenges to Labour in Jomo K.S & Khoo Khay Jin (ed.) Globalisation and its Discontents, Revisited, Sepsis – Tulika Books.
4. David Harvey, (2006), A Brief History of Neoliberalism, OUP, 2005. 8. Andrew Glyn, - Challenges to capital in capitalism Unleashed: Finance, Globalisation and Welfare, Oxford; Oxford University Press
5. Gary Dymisky, (2005), Financial Globalisation, Social Exclusion and Financial Crisis, International Review of Applied Economics, Vol.19: 439 – 457.

**Semester III**  
**Allied III: Mathematical Methods – I**  
**Course Code: FA2031**

Hours/Week	Credits	Total Hours	Marks
5	4	75	100

**Objectives**

1. To enable the students to understand the application of Mathematics in Economics.
2. To enrich the knowledge of logarithm, set theory and derivatives to solve the problem skillfully and find employment.

**Course Outcomes**

CO	Upon completion of this course the students will be able to:	PSO addressed	CL
CO- 1	explain the elementary concepts of Mathematical Methods	PSO - 3	U
CO- 2	apply the various functions in Economics	PSO - 1	Ap
CO- 3	analyze the rules of logarithms	PSO - 6	An
CO -4	explain the uses of equations in Economics	PSO - 3	An
CO- 5	apply the equations in estimating cost, price, output and profit	PSO - 3	An
CO -6	analyze the operations of Set	PSO - 6	Ap

**Unit I: Basic Mathematical Concepts**

Simple fractions with common and decimal fractions – Placing a decimal point – short – cut computation – Algebraic symbolism – Operations with zero and one – Ratios and percentage.

**Unit II: Simple Functions**

Simple functions and its types – Linear and Non-Linear – Graph and its application in Economics

**Unit III: Logarithms**

Definition – and formula (product, Quotient, Exponents - **proof not needed**) Calculations using tables – Permutation and Combination - Binomial expansions.

**Unit IV: Solving Equations**

Finding solutions of linear equations, simultaneous equations in three variables and Quadratic equations – uses of equation in Economics.

## **Unit V: Set Theory**

Definition and types of sets – Operations on set – Difference of two sets – Venn diagram – Demorgan's law.

### **Text Books**

1. Bose, D. (2007). *An Introduction to Mathematical Economics*, Bombay: Himalaya Publication House.
2. Devairakkam, S. (2004). *Mathematical Methods*, Tirunelveli: Jothi Publication.

### **Reference Books**

1. Allen, R.G.D. (1999). *Mathematical Analysis for Economics*, London: Mac Millan Publishers.
2. Mongia, G.S. (2003). *Mathematics and Statistics for Economics*, New Delhi: Vikas Publishers.
3. Agarwal, D.R. (2003). *Mathematics for Economists*, New Delhi: Vrindha Publication.
4. Mehta B.C. and Madnani, (1999). *Mathematics for Economics*, New Delhi: Chand Publication.
5. Pazhani and Cyril Kanmony, (2003). *Mathematical Methods*, Nagercoil: J. R. Publishers.

**Semester III**  
**Add On Course**  
**Professional English for Arts and Social Sciences - III**  
**Course Code: AAS203**

Hours / Week	Credits	Total Hours	Marks
2	2	30	100

**Objectives**

1. To enhance the academic writing and presentation skills.
2. To develop digital writing nuances for better employability.

**Course Outcomes**

CO	Upon completion of this course the students will be able to:	PSO addressed	CL
CO - 1	define concepts related to digital communication.	1	R
CO - 2	differentiate between academic writing and media writing.	2	U
CO - 3	apply communicative skills with digital competence in the workplace.	3	Ap
CO - 4	analyse a variety of formats, including essays, research papers, reflective writing, and critical reviews.	4	An
CO - 5	analyze lectures, scripts, blogs, e-content, movies and short films.	4	An

**Unit - I**

Listening – Answering comprehension exercises

Speaking – Reading passages – open ended questions

Reading – One subject based reading of text followed by comprehension activities / exercises

Writing – Summary writing based on the reading passages (semi-guided)

**Unit II:**

Listening – Announcement

Speaking – Just a minute activity

Reading – Analyzing Ads

Writing – Dialogue writing

**Unit III:**

Listening – Listening to interviews (subject based)

Speaking – Interview with subject teachers / professionals (using video conferencing skills)

Reading – Selected sample of web page

Writing – Creating web pages Reading Comprehension – Essay on Digital competence for academic and professional life

**Unit IV:**

Listening – General videos (lifestyle and values)

Speaking - Movie review, book review

Writing – Poster making – writing slogans / captions (subject based)

Reading –Essay on creativity and imagination

**Unit V:**

Speaking – Presentation using Power Point

Reading / Writing – Circulars, minutes of meeting, paraphrasing

**Text Book:**

Tamil Nadu State Council for Higher Education (TANSCHE). *Professional English for Arts and Social Sciences – II*.

**Semester III & IV**  
**Foundation Course II - Personality**  
**Development Course Code: FCV202**

Hours / Week	Credit	Total Hours	Marks
1	1	30	100

### Objectives

1. To practice personal and professional responsibility.
2. To develop and nurture a deep understanding of personal motivation.

### Course Outcome

CO No.	<i>Upon completion of this course, the students will be able to:</i>	PSO Addressed	Cognitive Level
CO-1	identify various dimensions and importance of effective personality	PSO-	A
CO-2	apply the models of positive thinking in real life situations	PSO-	A
CO-3	To overcome shyness and loneliness and cope up with the society.	PSO-	Y

### Unit I

**Personality** – Factors influencing personality – Theories on personality – Types of personality. Self acceptance – self awareness – self concept – elements - self esteem – types of self esteem – impact of self esteem – importance – low self esteem.

### Unit II

**Self actualization** – characteristics – Positive thinking – The profile of a positive thinker – Positive attitude – Models of positive thinking. Worry – Why to worry – ways to overcome – ways to turn negative thinking into positive.

### Unit III

**Motivation** – Sources of motivation – Types of motivation – Factors determining motivation – characteristics of motivation. Goal setting – Types of goals – ways to achieve goals. Decision making – Steps for decision making.



## **Unit IV**

**Time Management** – Definition – Controversies regarding time management – importance – Ways to manage time – controlling interruption – Leisure. Leadership and team building – types – qualities of a good leader – group formation – types- responsibilities of group members – instructions to form groups. Communication – classification – verbal and non verbal – rules – hindrance to communication.

## **Unit V**

**Process of coping or adjustments** – coping – mal adjustment – frustration – types – techniques to overcome frustration. Mental stress – types – mechanism of coping – positive and negative mechanism –steps for adjustment in life – coping with shyness – loneliness – techniques to overcome shyness and loneliness.

## **Textbook**

Aazhumai Vazhampera– Dr. Sr. Mary Jhonsy, Dr. M. Mary Helen Stella and Dr. Anitha Malbi

## **Reference books**

1. Personality Development (1999). Selvaraj, Palayamkottai Community College, V.M. Chattram, Tirunelveli.
2. Resource book for Value Education (2002). Mani Jacob, Institute of Value Education, New Delhi
3. You can win (1998). Shiv Kheera, published by Rajive Beri, Macmillan India Ltd, New Delhi.
4. The seven habits of highly effective people (1990). Covey Stephen, R. Simon and Schuster, New York.
5. Change or be changed (2008). Dr. Xavier Alphonse, S. published by ICRDCE, Chennai.

**Self Learning Course**  
**Semester – III/V**  
**Health Economics**  
**Course Code: FC20S1**

Hours / Week	Credits	Total Hours	Marks
-	2	-	100

**Objectives:**

1. To understand the policies and services of health by the government.
2. To make the students aware of the production of health in the life.

**Course Outcomes**

Co. No	Course Outcomes	PSO addressed	CL
CO – 1	identify the approaches, role and indicators of health economics	PSO - 5	U
CO -2	discuss the production efficiency and health care	PSO - 5	U
CO – 3	explain the cost function and market for health services	PSO - 5	Ev
CO – 4	understand the economic evaluation and measuring health gains and utilities	PSO - 5	U
CO – 5	analyse the risk and insurance of health	PSO - 5	An

**UNIT-I HEALTH ECONOMICS-INTRODUCTION**

Definition - Approaches to measurement of value of life – The role of economists in the health sector– Demand for healthcare, health indicators-Health status–medical care as an investment.

**UNIT-II HEALTH PRODUCTION FUNCTION APPROACH**

Health input and health output – Production efficiency and health care – skills and efficiency of production of health services – choices of healthcare.

**UNIT-III SUPPLY AND COST OF HEALTH CARE AND HEALTH SERVICES**

Production and cost – Estimating cost functions in healthcare–Theory of managed care Demand, Supply and equilibrium. The information problem – the market for health services.

**UNIT-IV ECONOMIC EVALUATION IN HEALTH CARE**

Measuring cost in economic evaluation – costing in economic evaluation – measuring benefits in economic evaluation- measuring and valuing outputs– standardized measures of outcome and utility scores – measuring health gains and utilities.

**UNIT-V HEALTH INSURANCE AND HEALTH POLICIES**

Risk and insurance–Voluntary insurance–Social insurance systems–Health policies in India with special reference to TamilNadu.

**TEXTBOOK:**

1. MepakeBarbara,LilaniKumaranayakeandNormandCharles,(2002),HealthEconomics:AnInternationalPerspectiv e,TaylorandFrancisGroup.London.
2. James.WHenderson,(2008),HealthEconomicsandpolicy,CengageLearning,UnitedStates.

**REFERENCE:**

1. Himanusha skar,Rout andPrasantPanda,(2007),HealthEconomicsinIndia– NewcenturyPublications,NewDelhi.
2. Culyar,A.J.Joseph.P.(2003),NewHouse,HandBookofHealthEconomics,North–Holland.
3. Feldstein,P.J.(2011),HealthCareEconomics,ThomsonDelmarLearning,NewYork.

**SEMESTER: III/IV**  
**Value Added Course**  
**Verbal and Non-Verbal Reasoning – I**

**Course Code: VAF201**

Total No. of Hours	Marks
30	100

**Objectives**

1. To broaden the analytical skill of the student
2. To imbibe the technical skills and aptitude for reasoning in order to face competitive examination and find employment

**Course Outcome**

CO	Upon completion of this course the students will be able to :	PSO addressed	CL
CO- 1	Calculate Number, Time, Ranking and directions	PSO – 10	An
CO- 2	Identify blood relations, logical sequence and decision making skill	PSO – 10	Re

**Unit – I: VERBAL REASONING –I (10 hours)**

Analog – Classification – Series completion – Coding – Decoding – Blood relations – Puzzle test – Direction sense test – Logical venn diagrams – Alphabet test – Number, ranging & time sequence test.

**Unit – II :VERBAL REASONING- II (10 hours)**

Mathematical operations – Logical sequence of words – Arithmetical reasoning – inserting the missing character – Data sufficiency

**Unit – III :VERBAL REASONING-III (10 hours)**

Assertion & reason – Situation reaction test – Verification of truth of the statement.

**Text Book:**

1. Verbal and Non-verbal Reasoning, Prakash. R. Mc.Millan India, New Delhi, 2004.

**Reference Books:**

1. Competition Success Review – various issues
2. Competition master – various issues
3. A Modern Approach to Verbal and Non-Verbal Reasoning, Dr. R.S. Aggarval, S. Chand & Company Ltd, 2010.
4. Quantitative Aptitude, Dr. R.S. Aggarval, S. Chand & Company Ltd, 2011.

**Semester IV**  
**Major Core IV: Macro Economics – II**  
**Course Code: FC2041**

Hours/ Week	Credits	Total Hours	Marks
6	5	90	100

**Objectives**

1. To enable the students to understand Macro Economic concepts, theories and policies.
2. To understand the different components of national income, to know the profitable channels of investment and thereby find avenues of employment.

**Course Outcomes**

CO	Upon completion of this course the students will be able to :	PSO addressed	CL
CO- 1	explain concepts and theories of investment	PSO – 1	U
CO- 2	understand the theories of distribution	PSO – 7	U
CO- 3	identify the features and theories of interest rate determination	PSO - 7	Re
CO -4	appraise the objectives of macroeconomic policy, features of full employment, price stability and balance of payments	PSO – 9	Ev
CO- 5	review the features of supply side economics	PSO - 9	Cr

**Unit I: The Investment Function**

Meaning of Capital and Investment - Types of investment – Determinants of Investment: Marginal Efficiency of Capital, Marginal Efficiency of Investment - Factors affecting Marginal Efficiency of Capital – Relation between Marginal Efficiency of Capital and Marginal Efficiency of Investment.

**Unit II: Rate of Interest**

Interest rate – Theories of interest rate determination – Transitivity theory – Liquidity preference Theory – Modern Theory – Terms and structure of interest rate – Long period and short period rate – Administered interest rate

**Unit III: Macro Theories of Distribution**

Distribution – Personal vs functional, Micro, Macro distribution – Ricardian Theory of Distribution – Marxian Theory of Distribution – Kaldor's Theory of Distribution.

**Unit IV: Macro Economic Policy**

Objectives of Macro Economic policy – Conflicts or Trade-off in policy objectives : Full employment and economic growth, Economic Growth and price stability, Full employment and

price stability, Full employment and balance of payments, Price stability and Balance of payments.

## **Unit V: Supply side Economics**

Supply side Economics – Meaning - Main features – Tax induced change in Aggregate Supply – increasing growth rate - Policy prescription – Laffer curve - Limitations.

### **Text Book**

Maria John Kennedy, M. (2011). *Macro Economic Theory*, New Delhi: PHI Learning Private Ltd.

### **Reference Books**

1. Jhingan, M.L. (2012). *Macro Economic Theory*, New Delhi: Vrinda Publications.
2. Rana, K.C. & Varma K. N. (2007). *Macro Economics Analysis*. (8<sup>th</sup> ed.). Jalandhar: Vishal Publishing Co.
3. Mithani, D.M. (1980). *Macro Economics*. (4<sup>th</sup> ed.). New Delhi: Oxford & IBH publishing Co.
4. Gupta, R.D. (2013). *Keynes and Post Keynesian Economics*. Kalyani publishers.
5. Seth M.L. (1983). *Macro Economics*. (13<sup>th</sup> ed.). Lakshmi Narain Agarwal educational Publishers.

**Semester – IV**  
**Elective II: a) Entrepreneurial Development**  
**Course Code: FC2042**

Hours/Week	Credits	Total Hours	Marks
5	4	75	100

**Objectives:**

1. To enrich the students to know about the need, supporting facilities, obstacles for entrepreneurship, importance of entrepreneurship and types of industrial ventures.
2. To provide exposure to the students to the entrepreneurial culture and industrial growth so as to prepare them to setup and manage their own small units.

**Course Outcomes**

Co. No	Course Outcomes	PSO addressed	CL
CO - 1	Define the interrelationship, the types and character of entrepreneurs	PSO – 1	Re
CO -2	Illustrate the motivational theories, business ideas and production function	PSO – 8	Ap
CO – 3	Apply the techniques and principles to Small Scale Industry for developing the economy	PSO – 8 PSO - 2	Ap
CO – 4	List the Institutions for entrepreneurial Development	PSO – 8	R
CO – 5	Analyze the project ideas and formulation evaluation	PSO – 6	An

**Unit - 1 Concepts of Entrepreneurship**

Concept of Entrepreneur - Characters of an Entrepreneur - Distinction between Entrepreneur & Manager - Function & Types of Entrepreneur - Concept of Entrepreneurship - Role of Entrepreneurs in Economic Development, Women Entrepreneurial Ship - Function, Problems and recent trends – Social Entrepreneurship

**Unit - II Entrepreneurial Growth**

Economic and Non - Economic factors- role of Government - Entrepreneurial Motivation - Theories-Factors-Entrepreneurial Development - Need, Objectives, Phases and Evaluation

**Unit-III Projects & Entrepreneur**

Meaning - Identification- Selection - Project Formation - Significance - Contents of a Project Proposal - Formulation – Nidhi Yoyak Guidelines.

## **Unit - IV Project Appraisal and Finance**

Concept - Methods of Appraisal - Need for Financial Planning - Sources of Finance-Capital Structure - Capitalisation - Venture Capital - Export Finance.

## **Unit-V Institutional Finance to Entrepreneur**

Commercial Bank, Industrial - Development of India (IDBI) , Industrial Finance corporation of India (IFCI), Industrial Credit & Investment, Corporation of India (ICICI) Unit Trust of India (UTI), State Financial Corporation (SECs), State Industrial Development Corporation (SIDCO), Exam Bank of India – Institutional Support to Entrepreneur – National Small Industries Corporation Ltd, (NSIC) – Small Industries Development Organisation (SIDO)- Small Scale Industries Board (SSIB)-State Small Industries Development Corporations (SSICS),- Small Industries Service Institutes (SISI)- District Industries Centre (DICs).

## **Reference Books**

1. Vasant Dosai, (2008), Dynamics of Entrepreneurial Development, and Management, New Delhi , Himalaya Publishing House.
2. Robert D. Hisrich, Micheal P, peters and Dean A. Shepherd ,(2007), Entrepreneurship, New Delhi, Tata McGraw Hill.
3. Poornima M, Charantimath, (2007), Entrepreneurship Development and Small Business Enterprises , New Delhi, Pearsam Education.
4. Khanka, S.S (2007), Entrepreneurial Development, s. New Delhi, Chand & Company.

**Semester – IV**  
**Elective II: b) Marketing Management**  
**Course Code: FC2043**

Hours/Week	Credits	Total Hours	Marks
5	4	75	100

**Objectives**

1. To understand of conceptual framework of marketing.
2. To know the various media of advertisement to increase the sales proceeds.

**Course Outcomes**

Co. No	Course Outcomes	PSO addressed	CL
CO - 1	understand the definition, goals and types of Marketing	PSO – 1	U
CO -2	identify the need, nature and importance of Marketing Management	PSO – 1	Re
CO – 3	explain the product and its pricing strategies	PSO –2	An
CO – 4	analyse the benefits of advertising and its qualities	PSO – 8	An
CO – 5	appraise the aspects of marketing in the world	PSO – 7	Ev

**UNIT – I- Conceptualization of Marketing Management**

Definition, Goal or Objectives, Scope, functions, Types of Markets, Marketing Concepts - New concept of Marketing: Relationship concept, mass Marketing, Niche Marketing, Strategic Marketing – Marketing Management: Responsibilities, Marketing Plan, Marketing Mix – Marketing Organization: Forms of Marketing Organization, Responsibilities of Marketing Manager.

**UNIT - II -Marketing Environment and Buyer Behavior**

Marketing environment: Need, Nature, importance of marketing environment – Marketing management and its environment – market segmentation: Criteria for market segmentation, advantages, benefits, bases for market segmentation. Buyer behaviour: Determinants of Buyer behavior, Social and cultural influences on Buyers behaviour, Consumer buying process, Psychological buying process, Stages of buying process.

**UNIT - III -Product and Pricing Decisions**

Concept of a product; classification of product; product life cycle, product innovation, product market strategy, new product strategy development, branding, packaging and labelling – Product Warranty, Service facilities – Price: Importance of pricing, pricing objectives, Multistage price determination process, pricing policies and strategies, Discounts and allowances.

**UNIT – IV- Advertising**

Advertising: Definition – features – objectives - benefits-goals and models-functions- advantages - types - kinds - Advertisement copy - qualities- elements - classification - causes of failure of advertising – Advertising media: meaning- factors – kinds – advertising budget .



## **UNIT-V -Emerging Markets in the World**

Social aspects of marketing: social responsibility, social marketing function - Rural marketing: problems in rural marketing – International marketing – Direct marketing : methods – advantages of marketing methods – online marketing – Recent trend in marketing : Relationship marketing - word of mouth marketing – test marketing.

### **Reference Books:**

1. Marketing Management, Sherlekar S.A, Himalya Publication, NewDelhi, 2000.
2. Modern Marketing Principles and Practices, R.S.N. Pillai and Bagavathi S. Chand& Company ltd, New Delhi, 2010.
3. Principles of Marketing, Philip Kotler,Prentice Hall of India Private Limited, NewDelhi ,2008.
4. Marketing, RajanNair N, Sultan Chand & Publishers, NewDelhi, 1987.
5. Marketing Management, N.C.Jain Sakshi Jain, Aitbs Publishers, 2004.

**Semester – IV**  
**Elective II: c) Human Resource Management**  
**Course Code: FC2044**

Hours/ Week	Credits	Total Hours	Marks
5	4	75	100

**Objectives**

1. To enable the students to learn the principles and practices of developing human resources.
2. To enable the students to acquire skills needed for career.

**Course Outcomes**

Co. No	Course Outcomes	PSO addressed	CL
CO – 1	understand the definition, concepts and the role of Human Resource Management in India	PSO – 1	U
CO -2	explain the concepts of Human Resource Planning and the levels of Human Resource Management	PSO – 1	An
CO – 3	Appraise the methods of recruitment and screening	PSO –2	Ev
CO – 4	analyse the administration of discipline and industrial relation	PSO – 8	An
CO – 5	identify the problem of Trade Union and perspective	PSO – 7	Re
CO – 6	Identify the measures of social security and employee benefits	PSO –7	Re

**UNIT - I -Introduction**

Introduction to Human Resource Management – Definition - Objectives and function of HRM – Evolution- Image and qualities -Role and organizations and changing technologies - Their implications for HRM - An overview of concept and philosophy of HRD - HRM in India.

**UNIT - II -Human Resource Planning**

Human Resource Planning – Concept, Objectives – Need and importance – Process and analyzing Organizational plan & Manpower forecasting – Quantitative and Qualitative aspects, Levels of HRP – National, Sectoral, Industrial and unit level problems of HRP.

**UNIT - III -Recruitment, Screening and Selection**

- a. Recruitment –objectives, Planning Internal and External influences, jobs, specification & Description – Sources.
- b. Screening: Process – Elimination of ineligible applicants – Application blanks – Preliminary testing – Screening interviews.

**UNIT – IV- Administration and Strategic Human Resource Management**

Administration of discipline, industrial relations role of employee unions and government in industrial relations, current trends in Industrial relations - Trade unions - Historical perspective and problems of Trade Union Movement in India.

## **UNIT - V -Social Security and Employee Benefits**

Introduction and Types – Social Security in India – Workman’s Compensation Act – ESI Act – Maternity Benefits Act – Employees Provident Funds and Miscellaneous Provisions Act – Group Life Insurance.

### **Reference Books:**

1. Human Resource Management , L.M.Prasad,Sultan Chand & Sons,New Delhi, 2001
2. Human resources and personal Management, Aswathappa,Tata McGraw .Hill Publishing co Ltd, New Delhi,2005.
3. Human Resource Management, Dr.TN.Chhabra,Gagan Kapur for Dhanpatrai &Co(p)Ltd,New Delhi,2005.
4. Human Resource Management, Dr.C.B.Gupta, Sultan Chand & Sons, New Delhi 1996

**Semester IV**  
**Allied IV: Mathematical Economics – II**  
**Course Code: FA2041**

Hours/ Week	Credits	Total Hours	Marks
5	4	75	100

### Objectives

1. To enable the students to understand the application of Mathematics in Economics.
2. To enrich the knowledge of logarithm, set theory and derivatives to solve the problem skillfully and find employment

### Course Outcomes

CO	Upon completion of this course the students will be able to :	PSO addressed	CL
CO- 1	apply straight lines in analysing breakeven point	PSO - 3	U
CO- 2	apply the concepts of calculus and matrix in economic functions	PSO – 3	Ap
CO- 3	analyze the formulas of partial derivatives in mathematical methods	PSO – 6	An
CO -4	calculate the output, profit and cost function	PSO – 6	An
CO- 5	describe the rules of derivatives and economic functions	PSO – 3	U

### Unit I: Equation of a Straight Line

Definition and forms of straight line - Intersecting point of two Straight lines – Parallel lines and Perpendicular lines- Concurrent lines - Application of Straight lines in Economics (Determination of Equilibrium price and output)

### Unit II: Derivative and its Applications

Derivatives- Definition-Rules of Derivatives (Power, Sum, Difference, Product, Quotient, Log and exponent rules) - Higher order derivatives- Maxima and Minima- Application of derivatives (Revenue, Cost and Profit)

### Unit III: Partial Derivatives

Partial Derivatives in two variables – Higher order partial derivatives - Application of partial derivative- Marginal concept relating to Utility, Cost and Revenue (only simple problems).

## **Unit IV: Integral Calculus**

Meaning-Basic rules of Integration-Calculation of total functions from marginal functions-Definite Integration-Application of integral calculus in Economics (cost functions, revenue functions, consumer's surplus and producer's surplus)

## **Unit V: Matrices**

Definition – Types –Operations of Matrices –Inverse of a matrix – Solving linear equations using Cramer's Rule and inverse method

### **Text Books**

1. Bose, D. (2007). *An Introduction to Mathematical Economics*, Bombay: Himalaya Publication House.
2. Devairakkam, S. (2004). *Mathematical Methods*, Tirunelveli: Jothi Publication.

### **Reference Books**

1. Allen, R.G.D. (1999). *Mathematical Analysis for Economics*, London: Mac Millan Publishers.
2. Mongia, G.S. (2003). *Mathematics and Statistics for Economics*, New Delhi: Vikas publishers.
3. Agarwal, D.R. (2003). *Mathematics for Economists*, New Delhi: Vrindha Publication.
4. Mehta B.C.and Madnani, (1999). *Mathematics for Economics*, New Delhi: Chand Publication.
5. Pazhani and Cyril Kanmony, (2003). *Mathematical Methods*, Nagercoil: J. R. Publishers

**Semester IV**  
**Add On Course**  
**Professional English for Arts and Social Sciences - IV**  
**Course Code: AAS204**

Hours / Week	Credits	Total Hours	Marks
2	2	30	100

**Objectives**

1. To enhance the academic writing and presentation skills.
2. To develop digital writing nuances for better employability.

**Course Outcomes**

CO	Upon completion of this course the students will be able to:	PSO addressed	CL
CO - 1	comprehend complex passages with professionalism.	1	R
CO - 2	differentiate between academic writing and media writing.	2	U
CO - 3	apply communicative skills with digital competence in the workplace.	3	Ap
CO - 4	analyse a variety of formats, including essays, research papers, reflective writing, and critical reviews.	4	An
CO - 5	analyze lectures, scripts, blogs, e-content, movies and short films.	4	An

**Unit I:**

Listening – Listening to two talks / Lectures by specialists on selected subjects

Speaking – Small Group Discussions

Reading – One Subject Based Reading text followed by comprehension activities / exercises

Writing – Summary writing based on the reading passages (Free Writing)

**Unit II:**

Listening – Product Launch

Speaking – Debates

Reading – Reading Texts on advertisements (On products relevant to the subject areas) and answering inferential questions

Writing – Writing an argumentative / persuasive essay

**Unit III:**

Listening – Interview by a famous celebrity

Speaking –Interviewing any professional / Creating Vlogs (How to become vlogger and use vlogging to nurture interest – subject related)

Reading – Blog

Writing – Blog Creation

**Unit IV:**

Listening – Listening academic videos (Prepared by EMRC Other MOOC videos on Indian academic sites)

Speaking – Making oral presentations through short films – subject based

Reading – How is creativity possible in Science (Continuation of essay in semesterIII)

Writing – Creating flyers and Brochures (Subject Based)

**Unit V:**

Speaking – Presentation (Without Aids)

Reading & Writing – Product Profiles / Writing an Introduction

**Text Book:**

Tamil Nadu State Council for Higher Education (TANSCHE). *Professional English for Arts and Social Sciences – II.*, New Delhi.

**Self Learning Course**  
**Semester – IV/VI**  
**Human Development**  
**Course Code: FC20S2**

Hours / Week	Credits	Total Hours	Marks
-	2	-	100

**Objectives:**

1. To understand the functions and concepts of human development.
2. To make the students aware of the indicators of human development.

**Course Outcomes**

Co. No	Course Outcomes	PSO addressed	CL
CO – 1	understand the meaning and concepts of human development	PSO - 4	U
CO -2	discuss the political and cultural factors	PSO - 4	U
CO – 3	analyse the nature and human development	PSO - 4	An
CO – 4	identify the measurement of human development	PSO - 4	U
CO – 5	explain the issue of human development	PSO - 4	Ev

**UNIT-I INTRODUCTION TO HUMAN DEVELOPMENT**

Meaning-Definitions-Concepts

**UNIT-II DETERMINANTS OF HUMAN DEVELOPMENT**

Socio, Economic, Political and Cultural factors

**UNIT-III INDICATORS OF HUMAN DEVELOPMENT**

Indicators: Socio, Economic and Political- Nature of Human Development

**UNIT-IV MEASUREMENT OF HUMAN DEVELOPMENT**

Various Methods to measure Human Development (HDI)

**UNIT-V ISSUES OF HUMAN DEVELOPMENT**

Issues of Human Development in the Indian and Global Context

**REFERENCE:**

1. Mahbub UI Hug (1995) “Reflections on Human Development” Oxford University Press, London.
2. “Human Development Report 2003”, United Nations Development Programme.



**Semester: V**  
**Major Core V: Indian Economy – I**  
**Course Code: FC2051**

Hours / week	Credits	Total Hours	Marks
<b>6</b>	<b>5</b>	<b>90</b>	<b>100</b>

**Objectives**

1. to acquaint students with the significance of agriculture in India; and
2. to highlight the problems of the agricultural sector and to evaluate the remedies offered to solve them

**Course Outcome**

CO No	Course Outcomes Upon completion of this course, students will be able to	POs addressed	CL
<b>CO1</b>	to identify the resource profile of Indian Economy	<b>PO - 1</b>	<b>Re</b>
<b>CO2</b>	understand the problems of Indian Economy and measurements	<b>PO - 1</b>	<b>U</b>
<b>CO3</b>	analyse the functions and features of agriculture	<b>PO - 5</b>	<b>U</b>
<b>CO4</b>	explain the system of agriculture marketing and agricultural finance	<b>PO - 5</b>	<b>U</b>
<b>CO5</b>	understand discuss the agriculture pricing and food security.	<b>PO - 5</b>	<b>E</b>

**Unit – I: Resource Profile of Indian Economy**

Characteristics of Indian economy – Principles of resource development - Importance of Natural Resources – Land – Soil – Water – Forest – Mineral - Energy – Human Resources – Features of the Indian Economy – Promotional and Retarding factors – National Income: Sectoral composition– pattern of income distribution – Inequalities of income.

**Unit II: Basic Problems of Indian Economy**

Nature and Magnitude of Population – Need for population control and government policy - Problem of unemployment – Causes and remedies — Concept of Poverty and Economic inequalities – Problem of poverty in India – Absolute and relative poverty - Magnitude, nature and causes of poverty – Measurement of Poverty – Poverty alleviation programmes.

**Unit – III: Agriculture in Indian Economy**

Nature and importance – Agricultural Development in India – Green Revolution – Features and impact – Greenrevolution:A critiquevaluation - Mechanization – Case for and against; - Agricultural finance – Features – Sources and problems.

**Unit – IV: Agricultural Marketing and Agricultural Finance**

Agricultural marketing – System of agriculture marketing – Co-operative marketing, marketed surplus, marketable surplus – Problems of agricultural marketing - Agriculture and support services – Agricultural finance – Land Development Banks – Regional Rural Banks – NABARD – Agricultural warehousing and marketing.

**Unit – V: Agricultural Pricing and Food Security**

Agricultural pricing – Need for stability – Objectives and instrument of agricultural price policy – Minimum support price and procurement price for agricultural goods – Public Distribution System(PDS) – Objectives and defects - Food Corporation of India – Objectives and Functions– Food Security in India.

**Text Book**

Misra and Puri, (2014). *Indian Economy*, New Delhi: Himalaya Publishing House.

**Reference Books**

1. Ghosh, S.K. (2012). *Indian Economy*, Jaipur: Prism Book.
2. Ruddar Dutt and Sundaram, K.P.M. (2015). *Indian Economy*, New Delhi: S.Chand & Company Ltd.
3. Agarwal, A.N. (2014). *Indian Economy*, United States: International Book Distributers.
4. Ghosh, S.K. (2012). *Indian Economy*, Jaipur: Prism Book.
5. Sankaran,(2012). *Indian Economy*. (16<sup>th</sup> ed.). Chennai: Margham Publications.

**Semester: V**  
**Major Core VI: History of Economic Thought**  
**Course Code: FC2052**

Hours / week	Credits	Total Hours	Marks
<b>6</b>	<b>5</b>	<b>90</b>	<b>100</b>

**Objectives**

1. To gain knowledge of the origin and development of Economic ideas.
2. To understand the views and commitment of the Economist.

**Course Outcome**

CO No	Course Outcomes Upon completion of this course, students will be able to	POs addressed	CL
<b>CO1</b>	understand the nature significance and approaches of economic thoughts	<b>PO - 7</b>	U
<b>CO2</b>	discuss the merchant and Physiocracy	<b>PO - 7</b>	E
<b>CO3</b>	identify the classical and Neo classical economics	<b>PO - 7</b>	Re
<b>CO4</b>	analyse the Marxian contribution	<b>PO - 7</b>	An
<b>CO5</b>	explain the idea of Economist's views	<b>PO - 7</b>	U

**UNIT-I Ancient Economic Thought**

Nature and Significance of Economic Thought – Approaches of Economic Thought – Hebrew Economic Thought –Greek Thought – Plato – Aristotle – Roman Thought.

**UNIT-II Mercantilism And Physiocracy**

Mercantilism–St. Thomas Aquinas – Physiocracy – Thomas Munn – Quesnay - Decline of Mercantilism – Factor that gave rise to Physiocrats–Main ideas of Physiocrats.

**UNIT-III Classical And Neoclassical Economics**

The Classical School - Adam Smith – Division of Labour and Theory of Value – Ricardo Theory of Rent – Comparative Cost Theory – Stationary State – Malthus Theory of Population and Theory of Gluts – J.B. Say's Law of Market - Alfred Marshall Contribution – Welfare Economics – A.C. Pigou.

**UNIT-IV Marxian, Keynesian And Modern Economics**

Karl Marx Contribution – Materialistic Interpretation of History – Class Struggle – Theory of Surplus Value– Keynesian contributions– Theory of Employment – Milton Friedman's contribution to Economics–Theory of Consumption & Stagflation–Paul Samuelson's contribution to Economics

**UNIT-V Indian Economic Thought**

Economic Ideas of Thiruvalluvar Ranade's views–Dadabhai Naroji's Economic ideas – Gohale's Ideas – M.K.Gandhi's Economic Ideas – Contribution of Dr. B.R. Ambedkar - Amartya Sen's contribution, Jagdish Bhagawati and T.N. Srinivasan's contribution – Manmohanomics.

**TEXTBOOK:**

1. Lokanathan,V., (2010),History of Economic Thought, S.Chand, New Delhi.
2. Charles and Charles Rist, (1915), A history of economic doctrines from the time of the physiocrats to the present day, Oxford, Calcutta.
3. R.R.Paul, (2015) History of Economic Thought, Kalayni Publishers, Punjab.

**REFERENCE:**

1. Fellner William, Emergence and Content of Modern Economic Analysis, McGraw Hill, Tokyo.
2. Gray, Alexander, (1948), Development of Economic doctrines, Longman London.
3. Haney, LewisH., (1911), History of Economic Thought, Macmillan, Newyork.
4. Madan G.R., History and Development of Economic Thought, S.Chand, New Delhi
5. Rao Jaithirth,(2021), The Indian Conservative Indian Right Wing Thought, Juggernaut Publication, New Delhi

**SEMESTER - V**  
**Major Core VII: Fiscal Economics**  
**Course Code: FC2053**

Hours / week	Credits	Total Hours	Marks
6	4	90	100

**Objective:**

1. To have knowledge of the concepts, income of the Government and Public Expenditure.
2. To know the procedure of public budget so as to prepare an appropriate family budget, to know the functions of local finance and find employment in local bodies

**Course Outcomes**

Co. No	Course Outcomes	PSO addressed	CL
CO - 1	understand the principles of public finance	PSO – 5	U
CO -2	identify the concepts and kinds of public revenue, public debt, public expenditure	PSO - 5	U
CO – 3	analyse the theories of Public finance	PSO - 5	An
CO – 4	discuss the concept & procedure of budget	PSO – 5	U
CO – 5	explain the sources and problems of federal finance and local finance	PSO - 5	Ev

**Unit I:Introduction to Public Finance**

Meaning – Subject matter and Importance of public finance – Private Finance – Subject matter and Importance of Private Finance –Differences between private finance and public finance – Major fiscal functions – Musgrave theory.

**Unit II:Public Revenue**

Public revenue: Source, Canons of taxation - Theories of taxation – Benefit theory - Cost of service theory and ability to pay theory – Incidence – factors affecting incidence of taxation – Impact and shifting of taxation; - Kinds of taxes – Direct and indirect, Progressive, Proportional and Regressive taxes– Merits and demerits – Effects of taxation – Tax Reforms in India – Good and Services Tax (GST).

**Unit III: Public Expenditure**

Meaning –Wagner’s Law of public Expenditure- Canons of public expenditure– Reasons for the growth of public expenditure in India – Recent Trends in Public Expenditure in India - Effects of public expenditure – Budgetary Deficit – Fiscal Responsibility and Budget Management (FRBM) Act.

**Unit: IV Public Debt and Budget**

Meaning and Classification of Public debt - Effects of public debt - Causes for Government Borrowing– Debt Redemption –Meaning – Methods of Debt Redemption– Budget – Meaning – Types – Budgetary Procedures and its Changes in India.

**Unit V:Federal finance and Local finance**

Federal Finance – Meaning and Principles – Allocation of Fiscal Resources between Centre and States–Finance Commission – Meaning and Objectives – Major recommendations of 15<sup>th</sup> Finance Commission - Local Finance – Meaning - Functions - Sources-Problems of Local Finance in India.

**Text Book:**

M.Maria John Kennedy, Public Finance, PHI Learning Private Limited, New Delhi, 2013

**Reference Books:**

1. Agarwal, R. (2002). *Public Finance*. (4<sup>th</sup> ed.). Agra: Lakshmi Narain Agarwal Publishers.
2. Tyagai, (2004). *Public Finance*. (4<sup>th</sup> ed.). (4<sup>th</sup> Edition). Meerut: Jai Prakash Nath and Company.
3. Agarwal, R.C. & Seth, M.L. (2007). *Public Finance Theory and Practice*. (1<sup>st</sup> ed.). Meerut: Lakshmi Narain Agarwal Publishers.
4. Hajela, T.N. (2010). *Public Finance*. (4<sup>th</sup>ed.). Ane Books Pvt Ltd.
5. Musgrave, R.A. & Musgrave, P.B. (1986). *Public Finance Theory and Practice*. (5<sup>th</sup> ed.). Tokyo: Mcgraw Hill Publishers.

**Semester: V**  
**Major Core VIII: Tamil Nadu Economy**  
**Course Code: FC2054**

Hours / week	Credits	Total Hours	Marks
<b>5</b>	<b>4</b>	<b>75</b>	<b>100</b>

**Objectives**

1. To know the students about strength and weakness of Tamil Nadu's Agricultural and Industrial sector.
2. To enhance the students to study the policies of Tamil Nadu

**Course Outcomes**

CO No	Course Outcomes Upon completion of this course, students will be able to	POs addressed	CL
<b>CO1</b>	discuss the basic characteristics of Tamil Nadu	<b>PO - 10</b>	<b>U</b>
<b>CO2</b>	understand the growth and development of Tamil Nadu	<b>PO - 10</b>	<b>U</b>
<b>CO3</b>	analyse the performance of Tamil Nadu Economy	<b>PO - 10</b>	<b>An</b>
<b>CO4</b>	identify the agricultural and Industrial sectors of Tamil Nadu	<b>PO - 8</b>	<b>U</b>
<b>CO5</b>	explain the economic and social infrastructure of Tamil Nadu.	<b>PO - 10</b>	<b>Ev</b>

**Unit-I: Basic Characteristics of Tamil Nadu**

Resource endowment - Land, Minerals, Forests and Monsoon – Regional differences in Resource Endowment —Population – Growth – Demographic Trends – Human Development India Index – Gender Development Index.

**Unit-II: Performance of Tamil Nadu Economy**

Trends in State income - Structural growth in pre and post reform period - Dynamism of the economy - State Planning Commission –Functions and Objectives – Targets and Achievements - Financing of plans: Revenue, expenditure, debt – Current year Budget.

**Unit-III: Agricultural Sector**

Land use pattern - Sources of irrigation - Cropping pattern - Productivity and yield of major crops - Agricultural marketing - Regulated Markets - Uzhavar Sandhai – Agricultural finance – Livestock.

**Unit-IV: Industrial Sector**

Trends and patterns in industrial growth –Evolution and Growth of Large and medium industries– Small and Micro industries - State Industries Promotion Corporation of Tamil Nadu Ltd (SIPCOT) - Industrial Estates – Industrial Corridors – KVIC and DIC –Special Economic Zones (SEZ) and Export Processing Zones (EPZ) – Labour Welfare measures.

**Unit-V: Infrastructure**

Transport: Road –State Highways and National Highways, Rail, Air and Sea connectivities- Energy: Hydro, Thermal, Wind, Solar and Nuclear Power Infrastructure– Social Infrastructure: Educational infrastructure – Primary, Secondary and Higher Educational facilities Health Infrastructure – Public and Private Health Care facilities.

**Textbook**

1. Leonard, A.G., TamilNadu Economy, Macmillan, New Delhi, 2006.
2. Manickam, S., Economic Development of TamilNadu in Perspective, 2007.

**Books for Reference**

1. MIDS, Tamil Nadu Economy - Performance and Issues.
2. Rajalakshmi, Tamil Nadu Economy, Business Publishers, 1999.
3. Perumalsamy.S, Economic Development of Tamil Nadu, S. Chand, New Delhi, 1995.



**Semester V**  
**Major Project**  
**Course Code: FC20PR**

<b>Hours /Week</b>	<b>Credits</b>	<b>Total Hours</b>	<b>Marks</b>
<b>5</b>	<b>4</b>	<b>90</b>	<b>100</b>

**Objectives:**

1. To develop research skills like survey, table and interpretation details about the project.
2. To enable the students to gain expertise in what they have learned and understood in a professional context

**Guidelines:**

- Each student shall be required to take up group project (5 members) and submit it at the end of the third semester.
- The students can select a topic for their project in consultation with their guides.
- The project format should be in Times New Roman font, Heading font size 14, and the content of the project - font size 12.
- It must be completed within stipulated time.
- It should have minimum 50 pages.
- One soft copy and two hard copies duly signed by the Supervisor and the Head must be submitted to the department on or before the date fixed by the institution.
- The front pages of the project shall encompass title page, certificate, declaration, acknowledgement, preface and contents.
- Total marks for project will be 100. Internal: 40 and External: 60.
- The project will be evaluated by an internal and an external examiner nominated by the Controller of Examinations.
- The students will have to defend her Project through a Viva-voce.

**Semester V**  
**Ability Enhancement Course**  
**Environmental Studies**  
**Course Code: AEC201**

Hours / Week	Credits	Total Hours	Marks
2	2	30	100

**Objectives**

- To understand the ecosystem, biodiversity and their conservation
- To make them identify the impact of pollution, disaster and population

**Course outcome**

CO	Upon completion of this course the students will be able to:	CL
CO - 1	understand the multidisciplinary nature of environmental studies	U
CO - 2	recall the components of different ecosystems	R
CO - 3	interpret the levels of diversity and its conservation	A
CO - 4	analyze the impact of population, pollution and disasters	An

**Unit I Multi disciplinary nature and Natural Resources (6 hrs)**

Multidisciplinary nature of environmental studies – scope of environmental studies- natural resources - renewable and non renewable resources – land, water, forest and energy resources.

**Unit II Eco system (6 hrs)**

Ecosystem – components –types – structure and function – food chain – food web – major ecosystems- forest, grass land, desert and aquatic - pond, marine and river ecosystems.

**Unit III Biodiversity and conservation (6 hrs)**

Definition – magnitude of biodiversity - levels of diversity – biogeographical classification of India – Biodiversity hotspots in India – Himalayas, Indo Burma, Western Ghat and Sunderland, Endemic, Endangered Red Data Book - Insitu and Exsitu conservation.

**Unit IV Environmental Pollution (6 hrs)**

Pollution – types, sources and effects of air, water, soil, noise, radioactive and plastic pollutions - Role of an individual in prevention of pollution.

**Unit V Social Issues and Environment (6 hrs)**

Disaster - cyclone, flood, drought, earthquake and management - Population explosion – impact of population, growth on environment and social environment.

**Reference books**

1. Sharma R.C, Gurbir sangha, (2018). Environmental Studies. New Delhi: Kalyani Publishers,
2. Murugesan. R, (2014).Environmental studies, Madurai: Millennium publishers and distributors,
3. Arumugam.N, Kumaresan.V, (2012). Environmental Studies. Nagercoil: SARAS Publication.
4. Dr.Asthana.D.K., Dr.Meera Asthana, (2010). Environmental Studies. New Delhi: S.Chand & Company Ltd.,
5. Beny Joseph, (2018). Perspectives in Environmental Studies. New Age International Publishers.

**Semester V**  
**Foundation Course III - Human Rights Education (HRE)**  
**Course Code: FCV203**

**Objectives**

1. Make them to identify issues, problems and violation of human rights.
2. Resolve the problems of human rights in their own life and society.

**Course outcome**

CO	Upon completion of this course the students will be able to:	PSO addressed	CL
CO - 1	explains the historical growth of the idea of human rights.		U
CO - 2	interpret the problems of human rights and find solution.		A
CO - 3	analyze the importance of women and child rights		An
CO - 4	evaluate concepts and ideas of human rights		E

**Unit I**

Social Justice - Need for Social Justice, Parameters of Social justice. Untouchability - problems, causes, casteism. Social reformers - contributions of Dr. B.R. Ambedkar and E.V. Ramasamy. Role of Mandal commissions in Social justice - Social, educational, economic indicators and recommendations

**Unit II**

Human Rights - approaches and concept of human rights. United Nations - UN commission on Human rights, other UN bodies on Human rights. Fundamental rights of Indian Citizen. Fundamental duties of Indian Citizen. Political rights of Indian Citizen. Human rights concern in India.

**Unit III**

Women Rights - History and need of women rights. United Nation on women rights - issues by identified United Nation. Women and climate change. Women rights and problems. Problem faced by women during medieval and modern India.

## **Unit IV**

Gender inequality - seven types of inequality. Constitutional and legal provision for women in India. Special initiatives for women. Women struggle and reforms. Women today.

## **Unit V**

Child Rights: History and declaration of rights of children. Convention on rights of child, Child rights in India. National commission on women rights. Issues faced by women. Constitutional and Legal provision in India. Child rights in Indian Constitution.

## **Reference Book**

Dr. Arymugam, N., Dr. Mohana., & Lr. Palkani. (2017). Value Based Education. (4<sup>th</sup> ed.). TamilNadu, Saras Publication

**Semester: V/VI**  
**Value Added Course**  
**Verbal and Non-Verbal Reasoning – II**

**Course Code: VAF202**

<b>Total No. of Hours</b>	<b>Marks</b>
30	100

**Objectives**

1. To broaden the analytical skill of the student
2. To imbibe the non-technical skills and aptitude for reasoning in order to face competitive examination and find employment

**Course Outcome**

<b>CO</b>	<b>Upon completion of this course the students will be able to :</b>	<b>PSO addressed</b>	<b>CL</b>
<b>CO- 1</b>	Analyse the mirror images and water images	<b>PSO – 10</b>	<b>An</b>
<b>CO- 2</b>	Assess the non – verbal reasoning	<b>PSO – 10</b>	<b>Ev</b>

**Unit – I: NON-VERBAL REASONING I (15 hours)**

Series – Analogy – Classification – Analytical reasoning – Mirror images – Water images – Embedded figures – Completion of incomplete pattern.

**Unit – II: NON-VERBAL REASONING II (15 hours)**

Figure matrix – Paper folding – Paper cutting – Rule detection – Grouping of identical figures – Cubes & Dice – Dot situation – Construction of squares & triangles – figure formation & analysis.

**Text Book:**

1. Verbal and Non-verbal Reasoning, Prakash. R. Mc.Millan India, New Delhi, 2004.

**Reference Books:**

1. Competition Success Review – various issues
2. Competition master – various issues
3. A Modern Approach to Verbal and Non-Verbal Reasoning, Dr. R.S. Aggarwal, S. Chand & Company Ltd, 2010.
4. Quantitative Aptitude, Dr. R.S. Aggarwal, S. Chand & Company Ltd, 2011.
5. HejelaT(1999), Monetary Economics, Sultan Chand Publications, New Delhi

**Semester VI**  
**Major Core XI: Indian Economy – II**  
**Course Code: FC2061**

Hours /Week	Credits	Total Hours	Marks
6	5	90	100

**Objectives**

1. To enable the students to understand the availability of resources, problems, types of sectors and the role of agriculture in the development of Indian Economy.
2. To identify the resources and its impact to know the career prospects of primary, secondary and tertiary sectors in order to be employed.

**Course Outcomes**

CO	Upon completion of this course the students will be able to :	PSO addressed	CL
CO- 1	discuss the importance of large scale industries, small scale industries and sickness of Indian industries.	PSO – 8	U
CO- 2	identify the sources of finance for Industries in India	PSO – 5	U
CO- 3	analyze the transport and service sectors of Indian Economy	PSO – 8	An
CO -4	identify the labour problems and policies of industrial sector	PSO – 8	Re
CO- 5	understand the present state of IT industry and modern technologies	PSO - 8	U

**Unit I: Industrial Sector**

Growth and Importance – Problems of Industrialization – Large Scale Industries –Iron and Steel, Textile, Sugar – Medium, Small and Microenterprises – Meaning, scope and Importance – Sickness in Indian Industry – Causes and remedies.

**Unit II: Industrial Finance**

Industrial finance: Meaning and Sources – Industrial Finance Institutions: Meaning, Origin, Objectives and Functions of IDBI, IFCI, ICICI, IRDI, SFCs and SIDCO.

**Unit III: Service Sector (Special Focus to Transport Sector and Health Sector)**

Growth and Importance of service sector in Indian economy – Modes of transportation: Roadways, Railways, Waterways and Airways – Growth and Importance – Problems and Remedies – Health Sector in India: Public and Private Health Infrastructure – COVID 19 Pandemic and Indian Health Sector.

**Unit IV: Labour Problems**

Features of Industrial Labour – Trade Union – Growth, Objectives and functions – Industrial Disputes in India – Causes of Industrial Disputes – Settlement procedures for Industrial Disputes.

**Unit V: Information Technology (IT) Industry**

Information Technology and knowledge economy – Major issues in information technology – Growth and the present state of IT industry in India – Future prospects of IT industry – Outsourcing, nationalism and globalization.

**Text Book**

Misra and Puri, (2014). *Indian Economy*, New Delhi: Himalaya Publishing House.

**Reference Books**

1. Ghosh, S.K. (2012). *Indian Economy*, Jaipur: Prism Book.
2. Ruddar Dutt and Sundaram, K.P.M. (2015). *Indian Economy*, New Delhi: S.Chand & Company Ltd.
3. Agarwal, A.N. (2014). *Indian Economy*, United States: International Book Distributors.
4. Ghosh, S.K. (2012). *Indian Economy*, Jaipur: Prism Book.
5. Sankaran, .(2012). *Indian Economy*. (16<sup>th</sup> ed.). Chennai: Margham Publications.

**Semester – VI**  
**Major Core X: International Economics**  
**Course Code: FC2062**

Hours / Week	Credits	Total Hours	Marks
6	5	90	100

**Objectives:**

1. To enable the students to understand the concepts and theories of International Economics.
2. To know the trend of exports, the direction of trade, organizations that promote trade and offer financial assistance so that the learners can find employment and become a trader.

**Course Outcomes**

CO	Upon completion of this course the students will be able to :	PSO addressed	CL
CO - 1	differentiate between internal trade and International Trade, theories	PSO - 4	U
CO - 2	identify the terms of trade and Economic development of the country	PSO – 4	Re
CO - 3	explain the balance of payment and balance of trade	PSO – 1 PSO - 4	Ev
CO - 4	differentiate between tariffs and quotas	PSO – 4	An
CO - 5	discuss the Mint parity theory, purchasing power parity theory and balance of payment theory	PSO – 4	U

**Unit – I Introduction to International Economics**

Meaning and Importance of International Economics - Differences between internal trade and international trade – Benefits and Defects of international trade – Theories of International Trade – Classical Theory ( Adamsmith and Ricardian theory) Modern theory (Hechsher - Ohlin theory ) – Metzler Theory.

**Unit – II Terms of Trade**

Meaning – Types of terms of trade - Factors affecting terms of trade – Terms of trade and economic development - Gains –Nature and Sources– Factors determining size of gain – Distribution of gain Theory – Free and Fair Trade: Meaning and Importance.

**Unit – III Balance of Payment**

Meaning of balance of trade and balance of payment – Structure of balance of payment -- Differences between balance of payment and balance of trade – kinds of disequilibrium in balance of payments – causes and remedial measures.

**Unit – IV Tariffs and Quotas**

Meaning –Classification of tariffs – Optimum Tariff Effects: Protective and Revenue - Nature and purpose of quotas -Types of quotas - Quotas Vs Tariff

**Unit – V Foreign Exchange**

Meaning – foreign exchange rate and its determination – Mint parity theory –Purchasing power parity theory – Balance of payment theory. Fixed and Flexible rate of exchange – Causes of fluctuations in exchange rate – Hedging and Speculation



**Text Book:**

Mithani, D.M. (2010). *International Economics*, New Delhi: Vrinda Publications.

**Reference Books:**

1. Vaish, M.C. (2010). *International Economics*, New Delhi: Oxford & IBH Publishing House.
2. Jhingan, M.L. (2000). *International Economics*. (6<sup>th</sup> ed.). Vrindha Publication Pvt Ltd.
3. Francis Cherunilum. (2006). *International Economics*. (5<sup>th</sup> ed.). Tata Mc Graw, Hill Publishing Company Ltd.
4. Desai, S.S.m. (1995). *International Economics*. (3<sup>rd</sup> ed.). Bombay: Himalaya Publishing House.
5. Mithani, M. (2003). *International Economics*. (4<sup>th</sup> ed.). Mumbai: Himalaya Publishing House.



**Semester VI**  
**Major Core XI: Economics of Development**  
**Course Code: FC2063**

Hours / Week	Credits	Total Hours	Marks
6	4	90	100

**Objectives**

1. To understand the concept and Theories of Economic growth and Planning
2. To acquire knowledge of planning and development theories, five year plans and growth models of our economy, in order to find employment in centers and planning and NGOs.

**Course Outcomes**

Co. No	Course Outcomes	PSO addressed	CL
CO – 1	describe the characteristics of growth and development	PSO – 1	U
CO -2	illustrate the theories of development and growth	PSO – 1	Ap
CO – 3	analyse the stages of economic growth and planning	PSO – 4	An
CO – 4	record the role of states in economic development and apply different policies for economic growth	PSO – 4	Re
CO – 5	analyse the planning in India and recent five year plan	PSO – 4	An

**Unit I: Development and Growth: Concepts and Approaches**

Economic Growth and development – Meaning, Features and Differences – Characteristics of Developing Economies – Obstacles to Economic Development – Factors of Economic Growth: Economic and Non – Economic Factors – Concept of Development Gap.

**Unit II: Theories of Economic Development**

Adam Smith's theory of Economic Development – The Ricardian Theory – The Malthusian Theory – J.S. Mill's Theory – The Marxian Theory – The Schumpeterian Theory

**Unit III: Theories of Economic Growth**

Rostow's Stages of Economic growth – Big Push Theory – Doctrine of balanced and unbalanced growth – Critical minimum effort thesis

**Unit IV: Planning and Growth Strategy**

Meaning – Types – Requisites of effective planning – Planning under capitalism – Planning under socialism – Mahalanobi's two sector model – Manmohan's Growth Strategies.

**Unit V: Planning in India**

Objectives – Types – Planning machinery in India – Planning Commission: Centre and State – Functions – Five Year plans – Targets, Successes and Failures of Five year plan – Recent five year plan.

**Text Book**

Jhingan, ML (2012). *The Economics of Development and Planning*. (18<sup>th</sup> ed.). New Delhi: Vrinda Publication.

**Reference Books**

1. Seth, M.L. (1982). *Theory and Practices of Economic Planning*, New Delhi: S. Chand & Company (P) Ltd,
2. Misra S.K., & Puri V.K.(1998). *Economics of Development and Planning*. (7<sup>th</sup> ed.). Karnataka: Himalaya publishing house.
3. Brown, M. (1996). *On the Theory and Measurment of Technical Change*. (3<sup>rd</sup> Editon). Cambridge: Cambridge University Press.
4. Behrman, S. & Srinivasan, T.N. (1995). *Handbook of Development Economics*, (7<sup>th</sup> ed.). Elsevier, Amsterdam.
5. Adlman I. (1961). *Theories of Economics Growth and Development*. (12<sup>th</sup> ed.). Stanford: Stanford University Press.

**Semester VI**  
**Major Core XII: Labour Economics**  
**Course Code: FC2064**

Hours / Week	Credits	Total Hours	Marks
5	4	75	100

**Objectives**

1. Students could understand the subject matter of Labour Economics.
2. Students would acquire some knowledge and skill on observing and establishing the interaction between the theoretical and empirical modeling of issues of labour.

**Course Outcomes**

Co. No	Course Outcomes	PSO addressed	CL
CO – 1	understand the meaning of labour and problems	PSO – 5	U
CO -2	identify the wages and productivity	PSO – 5	U
CO – 3	analyse the industrial labour in India	PSO – 5	An
CO – 4	explain the agricultural labour in India	PSO – 5	Ev
CO - 5	discuss the social security measures	PSO – 5	U

**UNIT - I LABOUR: INTRODUCTION**

Labour economics: Definition, nature, scope and importance - Meaning and concepts of labour –Characteristics of labour - Nature of labour problem - Impact of Liberalization, Privatization, G (LPG) on Indian Labour.

**UNIT - II WAGES AND LABOUR PRODUCTIVITY**

Wage differentials in India –Minimum Wages Act 1948 and its recent amendments - Unorganised labour in India: Nature, problems and Remedies –COVID 19 and its impact on unorganized labour in India - Labour productivity and its measurement in India - Determinants of labour productivity.

**UNIT - III INDUSTRIAL LABOUR IN INDIA**

Economic and social characteristics of industrial labour in India - Trade union movements in the context of Globalization- Causes and effects of industrial disputes in India - measures to prevent and settle the disputes in India. Govt. measure to improve the conditions of Industrial labours.

**UNIT - IV AGRICULTURAL LABOUR IN INDIA**

Meaning and characteristics of Agricultural labour in India - Types of Labour in Agricultural sector - problems of Agricultural labour in India - Govt. measure to improve the conditions of Agricultural labours.

**UNIT - V SOCIAL SECURITY MEASURES IN INDIA**

Meaning and importance of social security measures in India – Maternity Benefit Act – 1961 and its recent amendments - The Provident Fund Act – 1952 its recent amendments– Necessity and Effectiveness of social security measures in the context of globalization - Labour Acts in India (special focus to basic acts), Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA)- 2006 its recent amendments.

**TEXTBOOK:**

1. Dr. B.P. Thyagi, (2014), Labour Economics and social welfare. Jai Prakash Nath & Co., Meerut.

**REFERENCE:**

1. T.N. Bhagoliwal, (1982), Economics of Labour & Industrial Labour, Sahitya Bhawan, Agra. Arora, (1999), Industrial Relations, Excel Book, New Delhi.
2. Gupta P.K (2012), Labour Economics, Vrinda Publications Ltd. Delhi.
3. R.C.Saxena, (1963), Labour problems and social welfare, Jai Prakash Nath, Meerut.
4. S.N. Mathotra, (1981), Labour problems in India, S. Chand and Co. Ltd., New Delhi.
5. P.M. Kadukar, (2021), Fundamentals of Labour Economics, Himalaya Publishing House, GIRGAON MUMBAI MH 400004 IN

**Semester VI**  
**Elective III: a) Principles of Marketing**  
**Course Code: FC2065**

Hours / Week	Credits	Total Hours	Marks
5	4	75	100

**Course Outcomes**

CO	Course Outcomes	PSO addressed	CL
CO- 1	understand the meaning, concepts and importance of marketing	PSO - 2	U
CO- 2	discuss the impacts of buying and assembling	PSO - 2	E
CO- 3	identify the classification of product and product planning	PSO - 2	Re
CO -4	explain the stages and product life cycle	PSO - 2	Ev
CO -5	understand the marketing risk and product diversification	PSO - 2	U

**Unit – I Introduction to Marketing**

Marketing: Definition, Objectives and Importance– Selling: Meaning – Differences between Selling and Marketing – Marketing Mix – Elements, Concepts and Problems – 4 Ps of Marketing.

**Unit – II Buying and Assembling**

Meaning of Buying – Kinds of Buyers –Elements and Problems of Buying – Purchasing Methods – Assembling – Meaning – Advantages and Problems.

**Unit – III Product Planning**

Meaning of Product – Classification of Product – Product Attributes – Product Line – Product Mix – Goals of Product Mix – Factors Influencing Product Mix – Product Mix Strategies – Product Innovation.

**Unit – IV Managing the Product Development**

Product Life Cycle – Different Stages – Advantages – Development of New Product – Managing New Product – New Product Planning Process – Product Diversification – Product Elimination – Product Modification – Product Failure.

**Unit – Sales Promotion**

Sales Promotion – Definition – Purpose – Importance – Objective – Growth – Advantages – Limitations – Kinds – Consumer Promotion – Dealer Promotion – Sales Force Promotions - Questions

**Text Book:**

Pillai, R.S.N. (2007). *Modern Marketing: Principles and Practice*, New Delhi: S.Chand& Company Limited.

**Reference Books:**

1. Sherlekar.S.A; (2003) *Marketing Management*; 1<sup>st</sup> edition. New Delhi;Himalaya Publishers.
2. Philip Kotler; (2009) *Marketing Management*; 8<sup>th</sup>edition. New Delhi; Prentice Hall of India (P) Ltd.
3. Agarwal R.C, Lakshmi Narain Agarwal; 2003)*Marketing Management*;3<sup>rd</sup>edition. Mumbai; Virinda Publication (P) limited.
4. Ramaswamy and Namakumari.S (2009) *Marketing Management*; 1<sup>st</sup> edition. New Delhi; MacMillan India.

**Semester – VI**  
**Elective III: b) Financial Economics**  
**Course Code: FC2066**

Hours / Week	Credits	Total Hours	Marks
5	4	75	100

**Objectives**

1. Students would acquire some theoretical knowledge of financial frictions, crises, liquidity, financial intermediation and banking.

**Course Outcomes**

CO	Course Outcomes	PSO addressed	CL
CO- 1	understanding the types of financial markets and theorems	PSO - 2	U
CO- 2	discuss the theory of uncertainty and portfolio theory	PSO - 8	E
CO- 3	identify the index model and risk	PSO - 2	Re
CO -4	explain the fixed income securities	PSO - 8	Ev

**UNIT- I INTRODUCTION TO FINANCIAL MARKETS**

Capital markets, Consumption and investments with and without capital markets, Market places and transactions costs and the breakdown of separation; Fisher Separation Theorem, the agency problem; maximisation of share holders wealth.

**UNIT- II THEORY UNCERTAINTY**

Axioms of choice under uncertainty; utility functions; expected utility theorem, certainty equivalence, measure of risk – absolute and relative risk aversions; stochastic dominance – first order, second order and third order; measures of investment risk-, variance of return, short fall probabilities.

**UNIT- III MEAN VARIANCE PORTFOLIO THEORY**

Measuring portfolio return and risks; effect of diversification, minimum variance portfolio, perfectly correlated assets, minimum variance opportunity set, optimal portfolio choice mean variance frontier of risky and risk free asset, portfolio weights.

**UNIT- IV INDEX MODELS, CAPM & APT**

Models of asset returns, multi-Index models, single index models, systematic and specific risk, equilibrium models, capital asset pricing model, capital market line, security market line.

**UNIT- V FIXED INCOME SECURITIES**

Bond prices, spot prices, discount factors and arbitrage, forward rates and yield to maturity, price sensitivity, hedging.



## **REFERENCE:**

1. Copeland, T.E. and J.F. Weston, (1992), Financial theory and corporate policy, Addison Wesley Publishing Company, Boston.
2. Brealey, R. and S. Myers, (1997), Principles corporate finance, fifth edition, McGraw Hill, New York.
3. Elton, E.J. and M.J. Gruber, (1997), Modern portfolio theory and investment analysis, John Wiley and sons, New York.
4. Houlihan, H.S. and P.J. Williams, (1996), Economics of financial markets, Oxford University Press, New York

**Semester – VI**  
**Elective III: c) Ecology and Economic Development**  
**Course Code: FC2066**

Hours / Week	Credits	Total Hours	Marks
5	4	75	100

**Objectives**

1. to expose the students to understand the environmental issues; and
2. to help them in solving a simple environmental problem

**Course Outcomes**

CO	Course Outcomes	PSO addressed	CL
CO- 1	understand the meaning of economic development and ecology	PSO - 1	U
CO- 2	discuss the theories of Ecology and natural resources	PSO - 1	E
CO- 3	identify the economics of environmental pollution	PSO - 1	Re
CO -4	Explain the public policy and demography	PSO - 1	Ev

**Unit – I: Basic Concepts**

Ecology – Eco-System – Economic Development – Population – Community habitat – components of eco- system: biotic and abiotic substances, consumer, producer and decomposer organisms – pollution – scope of ecology and economic development

**Unit – II: Basic theory of Ecology and Economic Development**

Efficiency in a private market pollution – externalities and economic efficiency – Environmental quality as a public good – environmental problems in capitalist and socialist economies – Natural resource economies – conservation of Natural resources – Limits to growth – Sustainable Development

**Unit – III: The economics of environmental problems**

Air pollution – Water pollution – Solid waste pollution – Thermal pollution – Pesticidal pollution – Pollution by nuclear power plants – Marine pollution – Forest and environmental quality – Environmental problem of urbanization

**Unit – IV: Regulation and prohibition**

Public policy – regulation and effluent fees – taxes and subsidies

**Unit – V: Demography**

Population, energy, economic growth and environmental quality

### **Books for Study**

1. Sankaran, S., 1994, Environmental Economics, Margam Publications, Chennai
2. Karpagam, M., 1991, Environmental Economics: A Text Book, Sterling Publishers Pvt. Ltd, New Delhi

### **Books for Reference**

1. Field, Barry C. , 1994, Environmental Economics: An Introduction, Mc Graw Hill International Edition, Singapore Pearce, D.W., 1976, Environmental Economics, Longman, London
2. Seneca, Joseph and Michael K Taussig, 1979, Environmental Economics, Prentice Hall Ince Engle Wood Cliffs, New Jersey
3. Tyagi, O.D. Mehra, M.A., 1990, Text Book of Environmental Chemistry, Anmol Publications, New Delhi Varadarajan, Sivam and Elangovan, S., 1992, Environmental Economics, Society For Promoting efforts for Economic Development, Madurai

**Semester – VI**  
**SBC: Basic Accounting**  
**Course Code: FSK206**

Hours / Week	Credits	Total Hours	Marks
2	2	30	100

**Objectives**

1. To enable the students to understand the calculation of profits and losses in business.
2. To understand basic accounting and methods of tally in order to find employment in banks and institutes dealing with accounts.

**Course Outcomes**

Co. No	Course Outcomes	PSO addressed	CL
CO - 1	understanding the fundamental of accounting	PSO - 1	U
CO - 2	know the types and advantages of book keeping	PSO - 7	Ap
CO - 3	explain the classification of accounts	PSO - 8	Ev
CO - 4	discuss the functions of trial balance	PSO - 4	Re
CO - 5	identify the profit and loss account	PSO - 4	U

**Unit I : Fundamentals of Accounting**

Meaning – Definition – Functions – Objectives – Limitations – Principles

**Unit II: Book Keeping**

Meaning – Types – Advantages – Double Entry System of Book Keeping – Advantages – Differences between Double Entry & Single Entry System

**Unit III: Books of Accounts**

Journal – Classification of Accounts – Rules for Journalizing – Ledger – Differences between Journal & Ledger

**Unit IV: Trial Balance**

Trial Balance – Functions – Problems

**Unit V: Final Accounts**

Trading Account – Profit & Loss account – Balance Sheet

**Text Book**

R.S.N. Pillai & Bhagavathi., Advanced Accountancy Tally 9.0., Ramaiah Publications, Chennai, 2001.

**Reference Books**

1. S.P. Jai & K.L. Narang, Advanced Accountancy, Kalyani Publishers, New Delhi, 1999.
2. S. Arulraj Ponnudurai, Accountancy, Sathya Publication, Thirunelveli, 2007.
3. S. Mabel Latha Rani, Tally ERP.9, Accounting Principles and Concepts, B-Digest Publication, Nagercoil, 2015.
4. Giri Courter & Annette Marguis, (2000), Micros Office 2000. (1<sup>st</sup> ed.), New Delhi : BPB Publications.
5. Ananthi Sheshasaayee, G. (2013), Computer Applications in Business and Management, (9<sup>th</sup> ed.). Chennai : Margam Publication

**Semester VI**  
**Foundation Course IV- Gender Equity Studies**  
**Course Code: FCV204**

Hours / Week	Credits	Total Hours	Marks
1	1	15	100

**Objectives:**

1. To understand the historical background and trace the position of women down the ages.
2. To make the students aware of the legitimate rights and laws that aid women to march towards emancipation and empowerment.

**Course outcome**

CO	Upon completion of this course the students will be able to :	PSOs addressed	CL
CO-1	develop a critical judgment regarding the views of religions, epics and literary imagination about women	PSO-4	U
CO-2	analyze the socio-cultural and religious practices that subjugate women	PSO-4	An
CO-3	probe deep into the root cause of marginalization of women	PSO- 4	U
CO-4	understand the implementation of feministic concepts in practical life	PSO- 3	U
CO-5	examine how women are exploited as commercial commodities in advertisements and media	PSO-4	An

**Unit I**

Women in Historical Background

Women through the Ages

**Unit II**

Feminism – An Explanation

Feminist Thoughts in Practical Life

### **Unit III**

As Religions see Women

Women in Christianity

Women in Islam

### **Unit IV**

The Rights of Women

Women and the Constitution

### **Unit V**

The Portrayal of Women in Advertisements

The End of Enslavement of Women

Empowerment of Women: Need of the Hour

### **Reference Book**

1. *Women in My Perspective*. (2012). Nagercoil: HCC Women's Study Centre.