

**OHoly Cross College (Autonomous),Nagercoil
Nationally Re-Accredited with A⁺ (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 skill so four 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 :
PO- 1	recognize the contributions of great thinkers, who, in the past have perceived and interpreted human experiences
PO- 2	implement intelligently and incorporate the acquired knowledge into the demands of day-to-day life

PO -3	contribute to society at the local and the global level
PO - 4	form well- integrated persons, who will strive to transform the society, by meeting the challenges of life
PO - 5	expand and evolve to the changing needs and adopt ethical standards
PO – 6	develop interpersonal communication and connect themselves globally through media
PO - 7	understand the issues of environmental context and sustainable development

Programme Specific Outcomes

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

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

UG (Course Structure)
Distribution of Hours and Credits

Course	Sem .I	Sem.I I	Sem.II I	Sem.I V	Sem.V	Sem.V I	Total	
							Hours	Credits
Part I -Language	6 (4)	6 (4)	6 (4)	6 (4)	-	-	24	16
Part II -English	6 (4)	6 (4)	6 (4)	6 (4)	-	-	24	16
Part-III								
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
Part IV								
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
Total	30(23)	30(23)	30(23)	30(23)	30(24)	30(24)	180	140
Non - academic Courses								
Part V								
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

Semester	Course	Course Code	Title of the Course	Hours/Week	Credits
I	Part I	TL2011 FL2011	Language: Tamil French	6	4
	Part II	GE2012 / GE2111	General English	6	4
	Part III	FC2011	Major Core I: Micro Economics - I	6	5
		FA2011	Allied I: Economic Statistics - I	6	4
	Part IV	AAS 201	Add on Course Professional English for Arts and Social Science – I	2	2
		FNM20 1	Non Major Elective (NME): General Economics - I	2	2
		SEC201 / SEC202	Skill Enhancement Course (SEC): Meditation and Exercise / Computer Literacy	2	2
	Part V	FCV201	Foundation Course I: Values for Life	-	-
		STP201	Student Training Programme (STP) Clubs & Committees / NSS	-	-
	II	Part I	TL2021 FL2021	Language: Tamil French	6
Part II		GE2022/ GE2121	General English	6	4
Part III		FC2021	Major Core II: Micro Economics - II	6	5
		FA2021	Allied II: Economic Statistics - II	6	4
Part IV		AAS 202	Add on Course Professional English for Arts and Social Science – II	2	2
		FNM20 2	Non Major Elective Course (NME): General Economics – I	2	2
		SEC201 / SEC202	Skill Enhancement Course (SEC): Meditation and Exercise / Computer Literacy	2	2
		FCV201	Foundation Course I: Values for Life	-	1
		SLP201	Service Learning Programme (SLP): Community Engagement Course	-	-

	Part V	STP201	Student Training Programme (STP) Clubs & Committees / NSS	-	-
III	Part I	TL2031 FL2031	Language: Tamil French	6	4
	Part II	GE2032/ GE2131	General English	6	4
	Part III	FC2031	Major Core III: Macro Economics – I	6	5
		FC2032 FC2034 FC2035	Elective I a) Monetary Economics b) Development Economics c) Political Economy	5	4
		FA2031	Allied III: Mathematical Methods - I	5	4
	Part IV	AAS203	Add on Course Professional English for Arts and Social Science – III	2	2

	Part V	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	-	-

IV	Part I	TL2041	Language: Tamil	6	4
		FL2041	French		
	Part II	GE2042	General English	6	4
		GE2141			
	Part III	FC2041	Major Core IV: Macro Economics – II	6	5
		FC2042	Elective II		
		FC2043	a) Entrepreneurial Development	5	4
		FC2044	b) Marketing Management c) Human Resource Management		
	Part IV	FA2041	Allied IV: Mathematical Economics – II	5	4
		AAS204	Add on Course Professional English for Arts and Social Science – IV	2	2
Part V	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	

V	Part III	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
	Part IV	AEC201	Ability Enhancement Compulsory Course (AECC) : Environmental Science	2	2
	Part V	FCV203	Foundation Course III: Human Rights Education	-	1
		FC2061	Major Core IX: Indian Economy – II	6	5

V I	Part III	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
	Part IV	FSK206	Skill Enhancement Course (SEC): Basic Accountancy	2	2
Part V	FCV204	Foundation Course IV: Gender Equity Studies	-	1	
			TOTAL	180	140+10

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
Total Hours	90	90	75/90	75/90	75/90	75/90

Distribution of Total Hours - Elective/ Allied

Components	Allied				Elective	
	Sem. I	Sem. II	Sem. III	Sem. IV	Sem. V	Sem.V I
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
Total Hours	90	90	75	75	75	75

Examination Pattern

Ratio of Internal and External

(Major/Elective/Allied): 30:70 Part - III

Internal Components and Distribution of Marks

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

Question Pattern

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

Part – IV

i) **Part IV**

Ratio of Internal and External = 50: 50

a) **Add-on Course – Professional English**

Internal Components and Distribution of Marks

Internal Components	Marks
Listening	25
Speaking and Reading	25
Total	50

Question pattern

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

b) Non – Major Elective(NME) Internal Components and Distribution of Marks

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

Question Pattern

Internal Test	Mark s	External Exam	Mark s
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
Total	40	Total	50

c) Skill Enhancement Course(SEC)-Computer Literacy

Internal Components

Component	Mark s
Objective type questions (30x1)	30
Exercise (Book) compulsory (2x10)	20
Total	50

External Components

Component	Marks
Exercise 1	20
Exercise 2	10
Procedures for both Exercises	20
Total	50

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

Internal Components

Component	Mark s
Objective type questions (20x1)	20
Exercise (2x10)	20
Assignment	10
Total	50

External Components

Component	Marks
Quiz	20
Written assessment (Open choice – 10 out of 15 questions (10x3))	30
Total	50

a) Ability Enhancement Course(AEC)-Environmental Studies Internal Component

Component	Marks
Project Report	30
Viva voce	20
Total	50

External Component

Component	Marks
Quiz	20
Written Test (Open choice – 10 out of 15 questions (10x3))	30
Total	50

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
Total	50

External Component

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

b) Foundation Course - II (Personality Development)

Internal Component

Component	Marks
Exercise from book	20
Skit	10
Group Album	20
Total	50

External Component

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

c) Foundation

Course – III (Human Rights Education)

Internal Component

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

External Component

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

d) Foundation Course–IV(Gender Equity Studies)

Internal Component

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

External Component

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

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

Internal Component

Component	Marks
Assignment	10
Group Discussion	10
Attendance	30
Total	50

External Component

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

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

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

g) STP – Student Training Programme

- Compulsory for all I &II year students (2credits).
- 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 selfemployed

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*, (4th ed.). Tirunelveli: D.S.R Publications.
2. Maria John Kennedy. (1999). *Advanced Micro Economic Theory*, (10thed.)Mumbai: Himalaya Publishing House.

Reference Books

1. Jhingan,M.L.(2016).*Micro Economics*,(8thReviseded.).New Delhi: Vrinda Publications (P)Ltd.
2. Cauvery. (2012). *Micro Economic Theory*, (4th Revised ed.). New Delhi: S.Chand& Company Ltd.
3. Sankaran, S. (2012). *Micro Economics*, (7th ed.). Madras: Margham Publications.
4. Seth,M.L.(2006).*MicroEconomics*.(22ndReviseded.).Agra:LakshmiNarainA garwal 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
CO- 1	identify the functions of Statistics	PSO - 4	Ap
CO- 2	understand the organization of statistical survey	PSO - 4	U
CO -3	analyze the classification and presentation of data	PSO - 4	An
CO- 4	describe the types of averages	PSO - 4	U
CO -5	analyze the concepts of measures of dispersion	PSO - 4	An

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*, (4th ed.). Sivakasi, Annai Nilayam.

Reference Books

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

**Semester I
Add On Course**

Professional English for Arts and Social Sciences - I

Course Code: AAS201

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 of students.

Course Outcomes

CO	Upon completion of this course the students will be able to:	PSO addressed	CL
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 – sample1
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 – passageI
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 supplycurve

TextBok

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

Reference Books

1. M.L.Seth (2017), (2nd ed) *Macro Economics*, Lakshimi Narain Agrawal,Agra.
2. Hejela T (1999), *Monetary Economics*, Sultan Chand Publications, NewDelhi.

Semester I
Skill Enhancement Course (SEC): Computer Literacy

Course Code: SEC202

Hours/Week	Credits	Total Hours	Total marks
2	2	30	100

Objective

To enable students to understand the basic working of office software which includes MS Word, Excel and PowerPoint.

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.AntoHepzieBai&S.J.JenephaMary,“StepIntoMicrosoftOffice2007”.

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. Saras Publication. 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	C
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*, (4th ed.). Tirunelveli: D.S.R Publications.
2. Maria John Kennedy. (1999). *Advanced Micro Economic Theory*, (10th ed.) Mumbai: Himalaya Publishing House.

Reference Books

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

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*, (4th ed.). Sivakasi, Annai Nilayam.

Reference Books

1. Gupta, S.P. (2014). *Statistical Methods*. (43rd ed.). New Delhi: Sultan Chand and -Sons.
2. Gupta, S.C. (2015). *Fundamentals of Statistics*, (17th ed).
Bombay: Himalaya Publishing House.
3. Pillai, R.S.N. & Bagavathi. (2015). *Statistics*, (19th ed.). New Delhi: S. Chand & Comp Pvt. Ltd.
4. Sencheti, D.C., & Kappir, V.K. (2008). (8th ed.). *Statistics Theory*.
New Delhi: Methods and Application. Sultan Chand & Sons.
5. Harry Frank, Stevan & C. Althoen, (2011). *Statistics Concepts and Application*. (11th 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 – sample2
8. Reading Passages on Equipment & gadgets
9. Paragraph: Sentence Definition & Extended Definition ,Freewriting
10. Vocabulary

Unit III: Negotiation Strategies

6. Listening to interviews of inventors infields
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 alleviateit
8. Reading comprehension – passage2
9. Interpreting Visual Inputs
10. Vocabulary

Unit V: Critical Thinking Skills

6. Listening for Information
7. Making Presentation task 3&4
8. MotivationalArticlesonProfessionalCompetence,ProfessionalEthics&LifeSkill
9. Problem & Solution Essays, Summary Writing
10. Vocabulary

Text Book:

Tamil Nadu State Council for Higher Education (TANSICHE).*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), (21st ed) *Advanced Economic Theory*, S. Chand & Co, New Delhi.

Reference Books

1. M.L.Seth (2017), (2nd 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 yoga sanasand 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 – Thathuvagnani Vethathiri Maharishi
3. Mind – Thathuvagnani Vethathiri Maharishi
4. Yoga for modern age -Thathuvagnani Vethathiri Maharishi.
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	Appreciation of Rural Society	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	Understanding rural economy & livelihood	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	Rural Institutions	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	
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4	Rural Development Programmes	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 field visit* * - Written assignment	2 4 2
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**** 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 worksite
- 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 dropouts
- 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 impact 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, Sage Publications, New Delhi, 2015.
2. A Hand book on Village Panchayat Administration, Rajiv Gandhi Chair for Panchayati Raj Studies, 2002.
3. United Nations, Sustainable Development Goals, 2015 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	Mark s
6	5	90	100

Objectives

1. To enable the student 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 trademultiplier.

Text Book

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

Reference Books

1. Jhingan, M.L. (2012). *MacroEconomicTheory*. New Delhi: Vrinda Publications.
2. Rana, K.C. & Varma K. N. (2007). *Macro Economics Analysis*. (8th ed.). Jalandhar: Vishal Publishing Co.
3. Mithani, D.M. (1980). *MacroEconomics*. (4th 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*. (13th ed.). Lakshmi Narain Agarwal Educational Publishers.

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

Hours/ Week	Credit s	Total Hours	Mark s
5	4	75	100

Objectives:

1. To understand the importance of money, its evolution 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 Guptha, (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 frame work
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.

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Unit – V Indian Experience

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

Text Book:

1. UmaKapila(2017),IndianEconomysinceIndependence,AcademicFoundati on,New Delhi.
2. MisraS.KandPuriV.K(2015),EconomicsofDevelopmentandPlanning,Hi malaya Publishing House, NewDelhi.

Reference Books

1. A.PThirlwall,(2011),Economics of Development Theory and Evidence,P algrave Macmillan ,London.
2. TanejaM.LandMyerR.M(2011),Economics of Development and Planning, Vishal Publishing Co. NewDelhi.
3. Gaurav Dattand Ashwaani Mahajan(2017),Dutt & Sundharam Indin an Economy S. Chand & Company Ltd. NewDelhi.
4. UmaKapila(2014),Indian Economy Performance and Policy,Academic Foundation, NewDelhi.
5. JinganM.L(2014),TheEconomicsofDevelopmentandPlanning,VrindaPublic ationsP 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 learn 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 and 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 Lebevre, 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. 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: MacMillan 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 .Goalsetting–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- Therole of economists in the health sector- Demand for health care, 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–IVECONOMIC 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 Tamil Nadu.

TEXTBOOK:

1. Mepake Barbara, Lilani Kumaranayake and Normand Charles, (2002), Health Economics: An International Perspective, Taylor and Francis Group. London.
2. James. W Henderson, (2008), Health Economics and policy, Cengage Learning, United States.

REFERENCE:

1. Himanushaskar, Rout and Prasant Panda, (2007), Health Economics in India– New century Publications, New Delhi.
2. Culyar, A.J. Joseph. P. (2003), New House, Handbook of Health Economics, North–Holland.
3. Feldstein, P.J. (2011), Health Care Economics, Thomson Delmar Learning, New York.

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. Aggarwal, S. Chand & Company Ltd, 2010.
4. Quantitative Aptitude, Dr. R.S. Aggarwal, 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*. (8th ed.). Jalandhar: Vishal Publishing Co.
3. Mithani, D.M. (1980). *Macro Economics*. (4th 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*. (13th 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 Mc GrawHill.
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, New Delhi, 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, New Delhi, 2008.
4. Marketing, Rajan Nair N, Sultan Chand & Publishers, New Delhi, 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. HumanResourceManagement,L.M.Prasad,SultanChand&Sons,NewDelhi,2001
2. Human resources and personal Management, Aswathappa ,Tata McGraw .Hill Publishing co Ltd, NewDelhi,2005.
3. Human Resource Management, Dr.TN.Chhabra,Gagan Kapur for Dhanpatrai &Co(p)Ltd,NewDelhi,2005.
4. HumanResourceManagement,Dr.C.B.Gupta,SultanChand&Sons,NewDelhi1996

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

Hours/ Week	Credit s	Total Hours	Mark s
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 :Hi Malaya Publication House.
2. Devairakkam, S. (2004). *Mathematical Methods*, Tirunelveli: JothiPublication.

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*,NewDelhi: VrindhaPublication.
4. MehtaB.C. and Madnani,(1999).*Mathematics for Economics*,NewDelhi :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

UnitIV

: 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)

UnitV:

Speaking – Presentation (Without Aids)

Reading & Writing – Product Profiles / Writing an Introduction

Text Book:

Tamil Nadu State Council for Higher Education (TANSCHE).*Professional English for Artsand Social Sciences – II.* ,NewDelhi.

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 UIHug(1995)“ReflectionsonHumanDevelopment”OxfordUniversityPress,London.
2. “HumanDevelopmentReport2003”,UnitedNationsDevelopmentProgramme.

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

Hours / week	Credits	Total Hours	Marks
6	5	90	100

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
CO1	to identify the resource profile of Indian Economy	PO - 1	Re
CO2	understand the problems of Indian Economy and measurements	PO - 1	U
CO3	analyse the functions and features of agriculture	PO - 5	U
CO4	explain the system of agriculture marketing and agricultural finance	PO - 5	U
CO5	understand discuss the agriculture pricing and food security.	PO - 5	E

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 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:Acriticalevaluation-Mechanization–

Caseforandagainst;-Agriculturalfinance-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 inIndia.

Text Book

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

Reference Books

1. Ghosh, S.K. (2012). *Indian Economy*, Jaipur: PrismBook.
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: PrismBook.
5. Sankaran,(2012). *Indian Economy*. (16th ed.). Chennai: Margham Publications.

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

Hours / week	Credits	Total Hours	Marks
6	5	90	100

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
CO1	understand the nature significance and approaches of economic thoughts	PO - 7	U
CO2	discuss the merchant and Physiocracy	PO - 7	E
CO3	identify the classical and Neo classical economics	PO - 7	Re
CO4	analyse the Marxian contribution	PO - 7	An
CO5	explain the idea of Economist's views	PO - 7	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

Paul Samuelson's contribution to Economics

UNIT-V Indian Economic Thought

Economic Ideas of Thiruvalluvar – Ranade's views – Dadabhai Naoroji's Economic ideas –

Gohale's Ideas – M.K. Gandhi's Economic Ideas – Contribution of
Amartya Sen's contribution, Jagadish Bhagawati and

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, Lewis H., (1911), History of Economic Thought, Macmillan, New York.
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, Jugernaut 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 15th 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*.(4thed.).Agra:LakshmiNarainAgarwalPublishers.
2. Tyagai, (2004). *Public Finance*. (4th ed.). (4th Edition). Meerut: Jai Prakash Nath and Company.
3. Agarwal, R.C. & Seth, M.L. (2007). *Public Finance Theory and Practice*. (1st ed.). Meerut: Lakshmi Narain Agarwal Publishers.
4. Hajela, T.N. (2010). *Public Finance*. (4thed.). Ane Books PvtLtd.
5. Musgrave, R.A. & Musgrave, P.B. (1986). *Public Finance Theory and Practice*. (5th ed.). Tokyo: Mcgraw Hill Publishers.

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

Hours / week	Credits	Total Hours	Marks
5	4	75	100

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
CO1	discuss the basic characteristics of Tamil Nadu	PO - 10	U
CO2	understand the growth and development of Tamil Nadu	PO - 10	U
CO3	analyse the performance of Tamil Nadu Economy	PO - 10	An
CO4	identify the agricultural and Industrial sectors of Tamil Nadu	PO - 8	U
CO5	explain the economic and social infrastructure of Tamil Nadu.	PO - 10	Ev

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 - -UzhavarSandhai – 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

Hours /Week	Credits	Total Hours	Marks
5	4	90	100

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 their Project through a Viva-voce.

Semester V
Ability Enhancement Course
Environmental Studies
Course Code: AEC201

Hours / Week	Credit s	Total Hours	Mark s
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 (6hrs)

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

Unit II Ecosystem (6hrs)

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 (6hrs)

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 (6hrs)

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 (6hrs)

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).Environmentalstudies,Madurai:Millenniumpublishersanddistributors,
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. BenyJoseph,(2018).PerspectivesinEnvironmentalStudies.NewAgeInternationalPublishers.

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

Objectives

1. Make them to identify issues, problems and violation of humanrights.
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. (4th ed.).TamilNadu, Saras Publication

Semester: V/VI Value Added
Course
Verbal and Non-Verbal Reasoning – II
Course Code: VAF202

Total No. of Hours	Marks
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

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

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

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. Aggarval, S. Chand & Company Ltd, 2010.
4. Quantitative Aptitude, Dr. R.S. Aggarval, S. Chand & Company Ltd, 2011.
5. Hejela T (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,SmallandMicroenterprises – Meaning, scopeand 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: PrismBook.
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*. (16th 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	C L
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) – MetzlerTheory.

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 andImportance.

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 VsTariff

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 andSpeculation

Text Book:

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

Reference Books:

1. Vaish,M.C.(2010).*InternationalEconomics*,NewDelhi:Oxford&IBHPublishingHous e.
2. Jhingan, M.L. (2000). *International Economics*. (6th ed.). Vrindha Publication PvtLtd.
3. Francis Cherunilum.(2006).*International Economics*.(5thed.). Tata Mc Graw, Hill Publishing CompanyLtd.
4. Desai, S.S.m. (1995). *International Economics*. (3rd ed.). Bombay: Himalaya Publishing House.
5. Mithani, M. (2003). *International Economics*. (4th ed.). Mumbai: Himalaya Publishing House.

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

Hours / Week	Credit s	Total Hours	Mark s
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 addresse d	C L
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*. (18th 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*. (7th ed.). Karnataka: Himalaya publishinghouse.
3. Brown, M. (1996). *On the Theory and Measurment of Technical Change*. (3rd Editon). Cambridge: Cambridge University Press.
4. Behrman, S. & Srinivasan, T.N. (1995). *Handbook of Development Economics*, (7th ed.). Elsevier ,Amsterdam.
5. Adlman I. (1961). *Theories of Economics Growth and Development*. (12th 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-VSOCIALSECURITYMEASURESININDIA

Meaning and importance of social security measures in India – Maternity Benefit Act – 1961 and its recent amendments - The Provident Fund Act – 1952its 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)- 2006its recentamendments.

TEXTBOOK:

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

REFERENCE:

1. T.N.Bhagoliwal,(1982),EconomicsofLabour&IndustrialLabour,SahityaBhawan, Agra.Arora, (1999), Industrial Relations, Excel Book, NewDelhi.
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., NewDelhi.
5. P.M. Kadukar, (2021), Fundamentals of Labour Economics, Himalaya Publishing House, GIRGAON MUMBAI MH 400004IN

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

Hours / Week	Credits	Total Hours	Marks
5	4	75	100

Objectives

1. To train the students to effectively sell and market any product or service of any industry.
2. To orient the students with modern marketing and selling strategies.

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:

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

Reference Books:

1. Sherlekar.S.A;(2003)*MarketingManagement*;1stedition.NewDelhi;HimalayaPublishers
2. PhilipKotler;(2009)*MarketingManagement*;8thedition.NewDelhi;PrenticeHallofIndia
(P) Ltd.
3. Agarwal R.C, Lakshmi Narain Agarwal; 2003)*Marketing
Management*;3rdedition. Mumbai; Virinda Publication (P)limited.
4. Ramaswamy and Namakumari.S (2009) *Marketing Management*; 1st 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

certainty equivalence, measure of risk–

Axioms of choice under uncertainty; utility functions; expected utility theorem,

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 as set, 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, prices 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 of corporate finance, fifth edition, McGraw Hill, New York.
3. Elton, E.J. and M.J. Gruber, (1997), Modern portfolio theory and investment analysis, John Wesley and sons, New York.
4. Houthakker, 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 ecosystem: 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, McGraw Hill International Edition, Singapore
Pearce, D.W., 1976, Environmental Economics, Longman, London
2. Seneca, Joseph and Michael K Taussig, 1979, Environmental Economics, Prentice Hall Inc 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
SEC: 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.
- 3.

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, KalyaniPublishers,NewDelhi,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. (1st ed.), New Delhi : BPB Publications.
5. Ananthi Sheshasaayee, G. (2013), Computer Applications in Business and Management, (9th ed.). Chennai : Margam Publication

Self Learning Course

Semester – III/V

Health Economics

Course Code: FC20S1

Hours / Week	Credits	Total Hours	Marks
-	2	-	100

Objectives:

4. To understand the policies and services of health by the government.
5. 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 HEALTHECONOMICS–INTRODUCTION

Definition-Approaches to measurement of value of life –The role of economists in the health sector – Demand for health care, 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 health care.

UNIT–IIISUPPLYANDCOSTOFHEALTHCAREANDHEALTHSERVICES

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–IVECONOMIC EVALUATIONINHEALTHCARE

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–VHEALTHINSURANCEANDHEALTHPOLICIES

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

TEXTBOOK:

1. MepakeBarbara,LilaniKumaranayakeandNormandCharles,(2002),HealthEconomics:An International Perspective, Taylor and Francis Group. London.
2. James.WHenderson,(2008),HealthEconomicsandpolicy,CengageLearning,UnitedStates.

REFERENCE:

4. Himanusha skar, Routand Prasant Panda,(2007), Health Economics in India– New century Publications, NewDelhi.
5. Culyar, A.J.J oseph.P.(2003), New House, Hand Book of Health Economics, North–Holland.
6. Feldstein, P. J.(2011),Health Care Economics, Thomson Delmar Learning, NewYork.

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

Hours / Week	Credits	Total Hours	Marks
-	2	-	100

Objectives:

3. To understand the functions and concepts of human development.
4. 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 UIHug(1995)“ReflectionsonHumanDevelopment”OxfordUniversityPress,London.
2. “HumanDevelopmentReport2003”,UnitedNations Development Programme.

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

Hours / Week	Credit s	Total Hours	Mark s
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


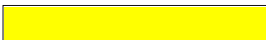


Enslavement of Women

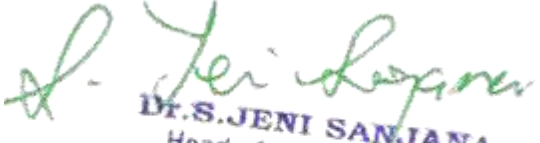
Empowerment of Women: Need of

the Hour

Reference Book

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

Local	
National	
Regional	
Global	


DR. S. JENI SANJANA
Head of the Department
Department of Economics
Holy Cross College (Autonomous)
Nagercoil,

DEPARTMENT OF ECONOMICS (PG)



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)

	Upon completion of M.A. degree programme, the post graduates will be able to :
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)

POs	Upon completion of M.A. degree programme, the post graduates will be able to :
PO - 1	greatly enhance their foundational knowledge about the history, economic, literature, gender, social, class, race and other perspectives of comprehending human experience.
PO - 2	independently enquire into the pre existing knowledge sources and assess them.
PO - 3	efficiently take up competitive exams, interviews and other similar situations to excel.
PO - 4	design and undertake individual research which will contribute significantly to the future ideological and societal developments.
PO - 5	enhance in-depth learning by using innovative technological sources.
PO - 6	analyze and articulate the range of position that challenges the prevailing social, political, economic, ontological and ethical framework.
PO - 7	integrate various theories and methodologies with social and environmental contexts.

PROGRAMME SPECIFIC OUTCOMES (PSO's)

PSOs	Upon completion of M.A. degree programme, the post graduates will be able to :	PO
PSO - 1	understand the importance of Micro Economics, and the market situations in the Economy	PO - 1
PSO - 2	analyse the causes and effects of Environmental pollution, unemployment problems, poverty and inequality in the Economy.	PO - 7
PSO - 3	apply the micro and macro economic theories, policies including Fiscal and Monetary economics for industrial and economic development	PO - 4
PSO - 4	apply statistical and mathematical methods in solving Economical and social problems	PO - 1
PSO - 5	develop the entrepreneurial skills, innovative practices, modern technology, utilization of resources, agricultural labour and productivity.	PO - 5
PSO - 6	understand the role of women entrepreneurs, researchers, labour in unorganized sector and the difficulties encountered by the labourers	PO - 5
PSO - 7	understand an analytical framework, analyse the inter linkages and determine economic variables including inflation, GDP, balance of payments, using statistical methods.	PO - 2
PSO - 8	identify the impact of globalization, privatization, liberalization, financial situations, banking sectors and systems in the Indian Economy	PO - 3
PSO - 9	understand the situations of capital and money markets and behaviour of investors perform cost – benefit analysis for making investment decisions.	PO - 2
PSO - 10	understand the basic concepts of business and research and their role in the local community	PO - 6
PSO - 11	identify the current problems in rural marketing	PO - 6
PSO - 12	apply the various programmes, schemes and policies for the rural, social, economical development.	PO - 6

Components of the M.A. Economics Programme

Components	No. of Courses	Credit/Course	Total
Core Courses /Practicals /Projects	13- 18	4-5	70
Elective	4	5	20
Life Skill Training	2	1	2
Summer Training Programme (STP)	1	1	1
Service Learning Programme(SLP) –Community Engagement Course	1	2	2
Total			95

Course Structure : Distribution of Hours and Credits

Course	Sem. I	Sem. II	Vacation	Sem. III	Sem. IV	Total	
						Hours	Credits
Core– Theory	6(4) + 6(4) + 6(4) + 6 (4)	6(5)+ 6(5)+ 6(5)+ 6(4)	-	6(4) + 6(4) + 6(4)	6(5) + 6 (5) + 6 (5) + 6 (5)	90	65
Elective	6 (5)	6 (5)	-	6 (5)	6 (5)	24	20
Project	-	-	-	6 (4)	-	6	5
Total	30 (21)	30 (22)		30 (24)	30 (23)	120	90
Non – academic Courses							
Life Skill Training –I	-	(1)	-	-	-	-	1
Service-Learning Programme (SLP)- Community Engagement Course		-		(2)			2
Life Skill Training –II	-	-	-	-	(1)	-	1
Summer Training Programme	-	-	-		(1)	-	1
Total	(1)	(2)	(1)	–	(1)	-	5

- **Non-Academic Courses are mandatory and conducted outside the regular working hours.**

Courses Offered

Semester	Course code	Title of the Course	Hours/ Week	Credits
I	PF 2011	Core – I. Micro Economic Analysis - I	6	4
	PF 2012	Core – II. Recent Issues in Indian Economy	6	4
	PF 2013	Core – III. Statistical Methods for Economics	6	4
	PF 2014	Core – IV Development Economics -I	6	5
	PF 2015	Elective I – (a) Economics of Marketing (b) Economics of Social Sector (c) History of Economic thought	6	4
	PF2016			
	PF2017			
	SLP201	Service Learning Programme (SLP): Community Engagement Course	-	-
II	PF 2021	Core – V. Micro Economic Analysis - II	6	5
	PF 2022	Core – VI. Quantitative methods for Economics	6	4
	PF 2023	Core – VII. Development Economics -II	6	4
	PF 2024	Core – VIII. Research Methodology	6	5
	PF 2025	Elective II – (a) Human Resource Management (b) Operations Research (c) Economics of infrastructure	6	4
	PF2026			
	PF2027			
	LST201	Life Skill Training (LST) – I	-	1
	SLP201	Service Learning Programme (SLP): Community Engagement Course	-	2
	STP201	Summer Training Programme (STP)	-	1
III	PF2031	Core – IX. Advanced Macro Economics	6	5
	PF2032	Core – X. International Economics	6	5
	PF2033	Core – XI. Entrepreneurial Development	6	4
	PF20PR	Project	6	5
	PF2034	Elective III - (a) Agricultural Economics (b) Financial Economics (c) Managerial Economics	6	4
	PF2035			
PF2036				

IV	PF2041	Core – XII. Monetary Economics	6	5
	PF2042	Core – XIII. Environmental Economics	6	5
	PF2043	Core – XIV. Industrial Economics	6	5
	PF2044	Core – XV. Public Economics	6	5
	PF2045	Elective IV - (a) Rural Development (b) Demography (c) Computer Applications in Economics	6	4
	PF2046			
	PF2047			
LST202	Life Skill Training (LST) – II	-	1	
		TOTAL	120	90+5

Self Learning – Extra Credit Course

Semester	Course code	Title of the Course	Hours/week	Credits
III	PF20S1	Demography	-	2
IV	PF20S2	Economics of Tourism Management	-	2

Course Transaction

Theory (Major Core / Elective) Paper Hours

Components	Sem. I	Sem. II	Sem. III	Sem. IV
Lecture hours	70	70	70	70
Continues Internal Assessment (2)	5	5	5	5
Quiz (2)	1	1	1	1
Class Test (2)	2	2	2	2
Open book test / article review / Group Discussion	2	2	2	2
Seminar	10	10	10	10
Total hours / semester	90	90	90	90

Examination Pattern:**Ratio of Internal and External : 40 : 60****Internal components and Distribution of Marks**

Internal Components		Marks	
Internal Test (2)		20	Question Pattern (Major /Allied / Elective)
Quiz (2)		4	
Class test (2)		4	
Article review/Group Discussion/Open Book Test / Book Review		4	
Seminar		4	
Online Home assignment		4	
Total		40	

Internal Exam	Marks	External Exam	Marks
Part A 4 x 1 (No Choice)	4	Part A 10 x 1 (No Choice)	10
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 7 (Internal Choice)	35
Total	40		60

SEMESTER - I

CORE - I : MICRO ECONOMIC ANALYSIS - I

COURSE CODE: PF2011

Hours / Week	Credits	Total Hours	Marks
6	4	90	100

Objectives

1. To know the basic concepts of Economics and analyze the behavior of individual firms and markets
2. To equip the students with theoretical and practical knowledge for employment.

Course Outcomes

Co.No	Upon completion of M.A. Economics, the graduates will be able to :	PSO addressed	CL
CO - 1	understand the economic concepts	PSO - 1	Un
CO - 2	apply the economic theories for the development of the economy	PSO - 3	Ap
CO - 3	describe the various market situation	PSO - 1	Re
CO - 4	analyze the price-output determination	PSO - 1	An

Unit I: Introduction and Basic Concepts

Micro Economics – Meaning - Definitions - Basic economic problems – Scarcity and choice –Economic Model – Economic theories – Validity of economic theories for policy making –Static and dynamic economics.

Unit II: Utility Analysis

Indifference curve analysis –Major assumptions and Properties of Indifference curve – Price line - Slutsky theorem – Applications of indifference curve – Revealed Preference theory – Revision of Demand theory – Modern utility analysis – Markowitz, Petersburg, Friedman – Savage hypothesis.

Unit III: Theory of Production and Costs

Production function – Meaning - Cobb – Douglas – CES and VES Production function – Modern theories of cost – Derivation of Cost function from Production function.

Unit IV: Price – Output determination

Perfect competition – Short – run and long run equilibrium of firm and industry – Pricing under monopoly – Price discrimination – Monopoly control and Regulation – Monopolistic competition. General and Chamberlin's approach – Equilibrium of firm and group with product differentiation and selling costs – Excess capacity.

Unit V: Duopoly and Oligopoly

Duopoly – Cournot, Edgeworth and Chamberlin Models, Oligopoly – Collusive and Non-collusive – Kinked demand curve – Price leadership – Non-price competition in Oligopoly-Applications of Oligopoly

Reference Books

1. Koutsoyiaannis, A. (2008). *Modern Micro Economics*. (2nd ed.). London: Macmillan Press.
2. Cyril Kanmony, J. (2016). *Advanced Micro Economics*. (2016 ed.). Mumbai: Himalaya Publishing House.
3. Jhingan, M.L. (2014). *Advanced Economic Theory*. (4th ed.). New Delhi: Brindha Publications.
4. John Kennedy, M. (2003). *Micro Economics*. (2003 ed.). Mumbai: Himalaya Publishing House.
5. Sankaran, S. (1990). *Micro Economics*. (7th ed.). Madras: Margham Publications.

SEMESTER - I

CORE - II: RECENT ISSUES IN INDIAN ECONOMY

COURSE CODE: PF2012

Hours / Week	Credits	Total Hours	Marks
6	4	90	100

Objectives

1. To understand the availability of resources, recent issues of Indian economy, reforms and sectoral Performance.
2. To improve skill development and encourage self employment specially gender based.

Course Outcomes

Co. No	Upon completion of M.A. Economics, the graduates will be able to :	PSO addressed	CL
CO - 1	understand the need for economic policy and planning	PSO - 6	Un
CO - 2	describe the density of population and unemployment	PSO - 2	Un
CO - 3	identify the problems faced by the Indian Economy	PSO - 2	Re
CO-4	analyze the impact of various sectors in India	PSO - 1	An
CO – 5	develop the development strategies and planning	PSO - 6	An

Unit I: Frame Work of Indian Economy

Need for Economic Policy in India – Aims of Economic Policy – Instruments – National income estimates in India-Trends in National Income -Growth and structure – Recent reforms in National Income Accounting

Unit II: Demographic Profile

The theory of Demographic transition - Growth rate of population - Density of population-Population policy- Unemployment – Causes and remedies -Human development-Measures-Progress-Balanced regional development and indicators-Policy measures to remove regional disparities

Unit III: Economic Reforms in India and Public Sector

Rationale of Economic Reforms: Liberalisation, Privatisation and Globalisation – Impact on India -Economic Reforms-Role of the public sector-Evolution of the public sector-Objectives-Causes for the expansion of Public enterprises-price policy- Role of the private sector-limitations-Public versus Private Sector –Disinvestment and Privatization of PSU: Rational and trends

Unit IV: Agricultural Sector

Agricultural Growth, Productivity Trends and crop patterns – Issues and concerns in Indian Agriculture –Agricultural Marketing – Regulated markets-Co-operative Marketing-Agricultural taxation- Green Revolution and its impact

Unit V: Policies and Performance of Infrastructure

Social and Economic infrastructure Transport- Road transport and Railway - communication – Energy- Power- Growth Rates of the Economic Infrastructure – Water transport-Social Infrastructure: Components – Health, Education–Urban infrastructure-Policies – Recent reforms in infrastructure in India .

Reference Books

1. GauraveDutt., Aswani Mahajan., & Rudder Dutt. (2012). *Indian Economy*. (70th ed.). New Delhi: Sultan & Chand.
2. Sankaran, .(2012). *Indian Economy*. (16th ed.). Chennai: Margham Publications.
3. Misra& Puri, (2003). *Indian Economy*. (7th ed.) New Delhi: Himalaya Publishing House.
4. Agarwal, A.N. (1986). *Indian Economy*. (12th ed.). New Delhi: Wiley Eastern Limited.
5. Uma kapila(2017)). *Indian Economy*. (27th ed.) NewDelhi: Academic Foundation,

SEMESTER - I

CORE - III: STATISTICAL METHODS FOR ECONOMICS

COURSE CODE: PF2013

Hours / Week	Credits	Total Hours	Marks
6	4	90	100

Objectives

1. To acquire knowledge in statistical concepts applicable to modern economic theories.
2. To educate the students both theoretical and practical knowledge by applying it for employability

Course Outcomes

Co. No	Upon completion of M.A. Economics, the graduates will be able to :	PSO addressed	CL
CO - 1	explain the basic concepts of Correlation and Regression	PSO – 4	Un
CO - 2	understand the Time series, Index number Analysis and Hypothesis	PSO – 4	Un
CO - 3	analyze the Concept of Probability	PSO – 4	An
CO - 4	categories different types of sampling	PSO – 4	Re
CO - 5	Apply the hypothesis testing based on Z, t, Chi-square & F test	PSO – 4	Ap

Unit I: Correlation and Regression Analysis

Simple correlation meaning – Assumptions and limitations. Pearsons's correlation Co-efficient and Spearman Rank correlation coefficient their properties, Probable error - Regression – Types of regression methods of estimation of linear equation using Ordinary- Partial and multiple correlation and regression

Unit II: Analysis of Time Series

Time series analysis –Index number – Measurement – Weighted index number and un-weighted tests of adequacy of index numbers.

Unit III: Probability and Theoretical Distributions

Probability – Definition (classical and empirical) – Addition multiplication theorems of probability – Conditions of probability – Bayes theorem and its application of elementary concept of random variable – Binominal, poisson and normal distribution.

Unit IV: Sampling and Estimation

Sampling – Basic concepts and laws of sampling (law of statistical regularity and law of inertia of large numbers) – Different types of random and non-random sampling – Sampling distribution of mean and properties – Standard error and its uses in test of hypothesis – Estimation – Concepts – Types – Properties of an ideal estimator

Unit V: Testing of Hypothesis

Hypothesis – Meaning – Types (null and alternative hypothesis) – Testing of hypothesis – Procedure for testing a hypothesis – Confidence interval and level of significance – Type I error and Type II error – Hypothesis testing based on Z test, T test, X^2 (Chi square) and F test.

Reference Books

1. Beri, G.C. (2010). *Business Statistics*. (15th ed.). New Delhi: Tata McGraw hill Publication Company Ltd.
2. Sencheti, D.C., & Kappir, V.K. (2008). (8th ed.). *Statistics Theory*. New Delhi: Methods and Application. Sultan Chand & Sons.
3. Gupta, S.P. (2014). *Statistical Methods*. (29th ed.). New Delhi: Sulthan Chand & Sons.
4. Harry Frank, Stevan & C. Althoen, (2011). *Statistics Concepts and Application*. (11th ed.). U.K: Cambridge University.
5. Pillai, R.S.N., & Bagavathi. (2007). *Statistics Theory and Practice*. (20th ed.). New Delhi: S. Chand and Company (p) ltd.

SEMESTER - I

CORE - IV: DEVELOPMENT ECONOMICS – I

COURSE CODE:PF2014

Hours / Week	Credits	Total Hours	Marks
6	5	90	100

Objectives

1. To study the economic development of developing countries.
2. To focus the Indian ethics and sustainability.

Course Outcomes

Co. No	Upon completion of M.A. Economics, the graduates will be able to :	PSO addressed	CL
CO - 1	understand the factors affecting economic growth	PSO - 6	U
CO - 2	apply the theories of development	PSO - 3	Ap
CO - 3	Identify the need for investment criteria in developing countries	PSO - 3	Re
CO - 4	analyze the growth and development of the economy	PSO - 6	An

Unit I: Economic Growth

Economic growth and development – Factors affecting economic growth – Growth models –Harrod and Domar, instability of equilibrium – Neo-classical growth models – Solow, Mrs. John Robinson's growth model –Degrowth Models : Dani Rodrick model, Dayana Quilin Model.

Unit II: Theories of Development

Classical theory of development – Contribution of Adam Smith, Ricardo, Malthus; Karl Marx–development of capitalistic economy – Schumpeter – Rostow's stage of economic growth

Unit III: Approaches to Development

Partial theories of growth and development – Vicious circle of poverty – Unlimited supply of labour – Big push, Balanced growth, Unbalanced growth, Critical minimum effort thesis – Low income equilibrium trap – Dualism – Technical, behavior and social - Fei and Ranis's model – Dependency theory of development.

Unit IV: Allocation of Resources

Need for investment criteria in development countries – present vs future, alternative investment criteria – cost-benefit analysis – Shadow Prices and project evaluation.

Unit V: Planning and Development

Meaning – Objectives – Need for planning – Plan Formulation and Requisites for successful Planning – Problems – Perspective and Annual Planning – Planning in a Mixed Economy

Reference Books

1. Jhingan. (2012). *The Economics of Development and Planning*. (18th ed.). Vrinda Publication.
2. Misra S.K., & Puri V.K. (1998). *Economics of Development and Planning*. (7th ed.). Himalaya publishing house.
3. Adlman I. (1961). *Theories of Economics Growth and Development*. (12th ed.). Stanford University Press, Stanford.
4. Behrman, S. & Srinivasan T.N. (1995). *Handbook of Development Economics*, (7th ed.) Vol3, Elsevier, Amsterdam.
5. Brown, M. (1996). *On the Theory and Measurement of Technical Change*. (3rd ed.). Cambridge University Press, Cambridge, Mass.
6. Micheal Todra (2017). *Economic Development*, (12th ed.). Pearson series in Economics

SEMESTER - I

ELECTIVE - I (a): ECONOMICS OF MARKETING

COURSE CODE: PF2015

Hours / Week	Credits	Total Hours	Marks
6	4	90	100

Objectives

1. To understand of conceptual framework of marketing.
2. To develop employability and entrepreneurial skill.

Course Outcomes

Co. No	Upon completion of M.A. Economics, the graduates will be able to :	PSO addressed	CL
CO - 1	understand the different types of markets	PSO-1	U
CO - 2	analyze the nature and importance of marketing environment and buyer behaviour	PSO-2	An
CO - 3	identify the product and pricing decisions	PSO - 1	Re
CO - 4	develop knowledge of the current advertising and advertising media.	PSO-6	An

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 – Four P's of marketing-Marketing Organisation: Forms of Marketing Organisation, Responsibilities of Marketing Manager.

Unit II: Marketing Environment Segmentation and Buyer Behaviour

Marketing environment: Need, Nature, importance of marketing environment – Marketing management and its environment –Market segmentation: Criteria for market segmentation, Advantages, for market segmentation -Buyer behaviour: Determinants of Buyer behavior, Social and cultural influences on Buyers behavior -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 Labeling – Product Warranty, Service facilities – Price: Importance and objectives of pricing- Multistage price determination process, Major pricing policies, Discounts and allowances.

Unit IV: Advertising

Advertising: Definition – Features – Objectives - Benefits-Goals and models-Functions- Advantages - Types - Kinds - Advertisement copy - Qualities- 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 – International marketing – Direct marketing: Methods – Advantages of marketing methods – Online marketing – Recent trends in marketing: Relationship marketing – Test marketing and Green marketing.

Reference Books

1. Sherlekar.S.A. (2003). *Marketing Management*. (1st ed.). New Delhi: Himalaya Publishers.
2. Philip Kotler. (2009). *Marketing Management*. (8th ed.). New Delhi: Prentice Hall of India (P) Ltd.
3. Agarwal R.C, Lakshmi Narain Agarwal. (2003). *Marketing Management*. (3rded). Mumbai: Virinda Publication (P) limited.
4. Pillai, R.S.N & Bagavathi. (2007). *Modern Marketing principles and Practice*: (1st ed). New Delhi: S.chand&company Limited.
5. Ramaswamy and Namakumari.S. (2009). *Marketing Management*: (1st ed.). New Delhi MacMillan India.

SEMESTER - I
ELECTIVE - I (b): ECONOMICS OF SOCIAL SECTOR
COURSE CODE: PF2016

Hours / Week	Credits	Total Hours	Marks
6	4	90	100

Objectives

1. To educate the various policies of environmental economics.
2. To nurture social values and maintain Eco - friendly economy.

Course Outcomes

Co. No	Upon completion of M.A. Economics, the graduates will be able to :	PSO addressed	CL
CO - 1	Understand the meaning of Welfare Economic social sector and Environment	PSO-3	U
CO - 2	Discuss the theory of Optimal provision of Public Goods	PSO-3	E
CO - 3	Identify the Measure of Environmental Values	PSO -3	Re
CO - 4	Explain the theory of Environmental Policy and global warming	PSO-12	Ev

Unit I: Welfare Economics, Social Sectors and Environment

Pareto Optimality and competitive equilibrium; Fundamental theorems of welfare economics; Externalities and market inefficiency – Externalities as missing markets; property rights and externalities, non-convexities and externalities.

Unit II: Optimal Provision of Public Goods

Pareto Optimal provision of public goods - Lindahl's equilibrium, Preference revelation problem and impure and mixed public goods, Common property resources.

Unit III: Measures of Environmental Values

Use values; Option values and non-Use values; Valuation Methods – Methods based on Observed market behaviour; Hedonic Property values and household production Models (travel cost method and household health production function) Methods based on response to hypothetical markets - Contingent valuation methods.

Unit IV: The Theory of Environmental Policy

Environmental externalities – Pigouvian Taxes and subsidies, Marketable pollution permits and mixed instruments (the charges and standard approach), Coase's bargaining solution and collective action; informal regulation and the new model of pollution control - Monitoring and enforcement of environmental regulation, Environmental institutions and grass root movements.

Unit V: Global Warming

Global environmental externalities and climatic change – Tradable pollution permits and International carbon tax - Trade and environment in WTO regime.

Reference Books

1. Hanley, N.J.F. Shogern & White B. (2002). *Environmental Economics in theory and practice*. (2nd ed.). Macmillan: Black well publishing.
2. Udai Prakash Sinha. (2007). *Economics of Social Sector & Environment*. (1st ed.). Concept publishing company.
3. GHP panel of expert. (2016). *Economic or social sector & environment*. (1st ed.). Gullybaba publishing house.
4. Srivastava, S.C, & Sangya Srivastava. (2015). *Economics of social sector & environment*. (1st ed.). Anmol publications pvt ltd.
5. Gullybaba. (2008). *Economics of social sector and environment*. Gullybaba publishing house (p) ltd.

SEMESTER - I

ELECTIVE - I (c): HISTROY OF ECONOMIC THOUGHT

COURSE CODE: PF2017

Hours / week	Credits	Total Hours	Marks
6	4	90	100

Objectives

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

Course Outcomes

CO No	Course Outcomes	POs addressed	CL
	Upon completion of this course, students will be able to		
CO1	understand the nature significance and approaches of economic thoughts	PO - 7	U
CO2	discuss the merchant and Physiocracy	PO - 7	E
CO3	identify the classical and Neo classical economics	PO - 7	Re
CO4	analyse the Marxian contribution	PO - 7	An
CO5	explain the idea of Economist's views	PO - 7	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-DadabhaiNaraji’s Economic ideas – Gohale’s Ideas – M.K.Gandhi’s Economic Ideas – Contribution of Dr. B.R. Ambedkar - Amartya Sen’s contribution, Jagadish Bhagawati and T.N. Srinivasan’s contribution – Manmohanomics.

TEXTBOOK:

1. Lokanathan, V.,(2010),HistoryofEconomicThought,S.Chand,NewDelhi.CharlesandCharlesRist,(1915),Ahistoryofeconomicdoctrinesfromthetimeofthephysicratstothepresentday,Oxford,Calcutta.
2. R.R.Paul,(2015)HistoryofEconomicThought,KalayniPublishers,Punjab.

REFERENCE:

1. FellnerWilliam,EmergenceandContentofModernEconomicAnalysis,McGrawHill,Tokyo.Gray,Alexander,(1948),Development of Economicdoctrines ,Longman London.
2. Haney, LewisH.,(1911),History of Economic Thought ,Macmillan, Newyork.
3. MadanG.R.,HistoryandDevelopmentofEconomicThought,S.Chand,NewDelhi
4. [Rao Jaithirth](#),(2021), The Indian Conservative Indian Right Wing Thought, Juggernaut Publication, New Delhi

Semester I
Life Skill Training - I
Course Code: LST201

Hours / week	Credit	Total hours	Marks
1	1	30	100

Objectives:

- To understand the fundamental rules of success
- To practice integrity in day to day life

Course Outcomes (COs)

CO No.	<i>Upon completion of this course, the students will be able to:</i>	Cognitive Level
CO-1	understand the human values to lead a successful life	U
CO-2	apply the ethics in real life situation	A
CO-3	Analyse and improve one's attitude	Y

Unit I

Success - Success formulae.

Goals - The law of Karma, The law of clarity, and The law of flexibility.

Positive Mental Attitude - The law of optimism and self-confidence.

Unit II

Purposeful-Burning desire - The law of desire and The law of energy.

Planning and Preparation - The law of planning.

Unit III

Resources - The law of maximization - Time and its management: health, courage, strengths and weaknesses, attitude, will and skill, enthusiasm, initiative, creativity/resourcefulness/ingenuity, experience, appearance, orderliness and neatness, courtesy, politeness and manners, charisma, live life, have luck and skills.

Unit IV

Self-discipline -The law of time preference and The law of direction.

Action - The law of applied effort and The law of compensation.

Persistence.

Unit V

Prayers - The partnership with God - work with commitment towards the goal - work and prayer.

Values - to attain stability in life -Benjamin Franklin's thirteen virtues.

Text Book

Rao, C.N. (2014). 10 Fundamental Rules of Success. India: V &S Publisher.

Reference Books:

1. Bellamy, D.R. (1999). 12 Secrets for Manifesting your Vision, Inspiration and Purpose. India: Master Mind Books.
2. Iyer, S.S. (2009). Managing for Value. New Delhi: New Age International Publishers.
3. Sharma, S.P. (1999). Success Through Positive Thinking. Delhi: Pustak Mahal
4. Raj, A.S. (2015). Personality Development. Delhi: Firewall Media.

SEMESTER - II

CORE – V: MICRO ECONOMIC ANALYSIS - II

COURSE CODE: PF2021

Hours / week	Credits	Total Hours	Marks
6	5	90	100

Objectives

1. To study the economic theories and the behavior of individuals.
2. To instill professional ethics among the students.

Course Outcomes

Co.No	Upon completion of M.A. Economics, the graduates will be able to :	PSO addressed	CL
CO - 1	understand the Alternative theories of firm	PSO - 3	Un
CO - 2	Apply the distribution and macro theories	PSO - 3	Ap
CO -3	analyze the welfare economics theories	PSO-1	An
CO -4	identify the problems of existence and stability	PSO- 1	Un
CO - 5	describe the theories of economics of uncertainty	PSO - 1	Un

Unit – I Alternative Theories of Firm

A critique of Neo – Classical theory – Marginalist controversy – Full cost Pricing – Bains limit price theory – Baumol’s theory of sales revenue maximization – Marris model – Williamson’s Model –Behavioural theory of the firm.

Unit – II Distribution

Marginal Productivity theory – Euler’s theorem – The adding up Problem – IS –LM Model to interest – Shaekle’s theory of profit – Macro theories of distribution – Ricardian, Kaldor and Kaleck theories.

Unit – III Welfare Economics

Nature of welfare economics – Pigovian welfare economics – Compensation principles – Social welfare function – Arrow's theory of voting – Maximisation of social welfare – Pareto optimum condition

Unit – IV General Equilibrium

Problems of existence, Stability and uniqueness of general equilibrium – Two models on general equilibrium – Walrasian approach to general equilibrium.

Unit – V Economics of Uncertainty

Individual behavior towards risk – expected utility – Risk and Risk aversion – Gambling – economics of insurance – Economics of search – Theories – Market with symmetric , Asymmetric information.

Reference Books

1. Koutsoyiannis, A. (2008). *Modern Micro Economics*. (2nd ed.). London: Macmillan Press.
2. Cyril Kanmony, J. (2016). *Advanced Micro Economics*. (2016th ed.). Mumbai: Himalaya Publishing House.
3. Jhingan, M.L. (2014). *Advances Economic Theory*. (4th ed.). New Delhi: Brindha Publications.
4. John Kennedy, M. (2003). *Micro Economics*. Mumbai: Himalaya Publishing House.
5. Sankaran, S. (1990). *Micro Economics*. Madras, (7th ed.). Margham Publications.

SEMESTER - II

CORE – VI: QUANTITATIVE METHODS FOR ECONOMICS

COURSE CODE: PF2022

Hours / Week	Credits	Total Hours	Marks
6	4	90	100

Objectives

1. To impart various mathematical and statistical methods
2. To apply quantitative techniques in managerial practices.

Course Outcomes

Co. No	Upon completion of M.A. Economics, the graduates will be able to :	PSO addressed	CL
CO - 1	describe concept of Matrix and Set	PSO - 4	Un
CO - 2	analyze the differentiation and Partial derivatives	PSO - 4	An
CO - 3	understand the production function and linear programming	PSO - 4	Un
CO - 4	Apply the rules and laws of mathematics in economic theory	PSO - 4	Ap

Unit – I Introduction and Set Theory

Nature and role of mathematics in economic theory - Meaning of set – Definition – Representation of a set – Forms of sets – Different Laws – Venn diagram – Demorgan’s Law – Ordered pairs – Cartesian Products.

Unit – II Differentiation and Its Application

Rules of differentiation – Conditions for maxima and minima of a function – Point of inflexion – Simple application of derivatives: Maximization of profit and revenue – Minimisation of cost – Elasticity of demand – Relationship between average revenue and marginal revenue – Partial derivatives and their application in Economics.

Unit – III Production Function

Optimisation problems involving one or two variables — Homogeneous function and their properties - Euler's Theorem - Cobb-Douglas and CES Production Functions, properties, and their Applications in Economics.

Unit – IV Matrices and Determinants

Concept of matrix – Types of matrix - Simple operations on matrices, Subtraction and Multiplication of matrix - Rank and inverse of matrices – Determinants and their basic properties – Solutions of Simultaneous equations through Cramer's rule.

Unit–V Linear Programming

Meaning and Basic concepts – Formulation of Linear Programming Problem – Conditions and Generalizations – Application to the firm – Advantages and Limitations – Application of Linear Programming – Application in India

Reference Books

1. Bose, D. (1996). *an Introduction to Mathematical Economics*. (3rd ed.). Mumbai: Himalaya Publishing House.
2. Cyril Kanmony, J. & Palani, K. (2003). *Mathematical Analysis for Economists*. (1st ed.). Nagercoil: JP Publishers.
3. Medha, & Madhnani. (1999). *Mathematics for Economics*. (2nd ed.). New Delhi: Sultan Chand and Sons.
4. Agarwal, D.R. (2001). *Mathematical Economics*. (4th ed.). New Delhi: Vrinda Publications (P) Ltd.
5. Verma, A.P. (2000). *Quatitative Techniques*. (1st ed.). New Delhi: Asian book (p) Ltd.

SEMESTER - II

Core – VII: DEVELOPMENT ECONOMICS – II

COURSE CODE: PF2023

Hours /Week	Credits	Total Hours	Marks
6	4	90	100

Objectives

1. To study the economic development of developing countries
2. To analyse the growth and development of the economy

Course Outcomes

Co. No	Upon completion of M.A. Economics, the graduates will be able to :	PSO addressed	CL
CO - 1	analyse the economic development and human development	PSO - 6	An
CO - 2	identify the causes of poverty, unemployment and income inequalities	PSO - 2	Re
CO - 3	apply the various theories of development	PSO - 6	Ap
CO - 4	Understand the population policies	PSO - 6	U

Unit – I Human Development

Meaning – Definition - Components – Human development index – Differences in

human development index – Human poverty index – Links between economic growth and human development

Unit – II Obstacles to Growth and Human Capital Formation

Poverty – Meaning - Vicious circle of poverty– Factors of rate of capital formation – Population explosion and implosion – Political, administrative and Socio cultural obstacles – Importance and problem of human capital formation

Unit – III Unemployment

Meaning – Types – Classical theory – Keynesian theory – Ingredients of an employment policy – Role of state in economic development – Solution of the Problem of Educated Unemployed.

Unit -IV Regional Planning in India

Meaning – Components – Magnitude of regional imbalances - Regional planning policy in India - Causes of poverty and income inequalities – Policies of reducing poverty and income inequalities

Unit – V Population and Economic Development

Meaning – Population growth trends– Causes of rapid growth of population – Causes of high birth rate– Malthusian theory – Population and economic development – Population policies for developing countries

Reference Books

1. Jhingan. (2012). *The Economics of Development and Planning*. (18th ed.). Vrinda Publication.
2. Misra S.K., & Puri V.K.(1998). *Economics of Development and Planning*. (7th ed.). Himalaya publishing house.
3. Adlman I. (1961). *Theories of Economics Growth and Development*. (12th ed.). Stanford: Stanford University Press.
4. Behrman, S. & Srinivasan, T.N. (1995). *Handbook of Development Economics*, (7th ed.) Vol3, Elsevier, Amsterdam.
5. Brown, M. (1996). *On the Theory and Measurement of Technical Change*. (3rd Editon). Cambridge: Cambridge University Press, Mass.

SEMESTER - II

CORE – VIII: RESEARCH METHODOLOGY

COURSE CODE: PF2024

Hours / Week	Credits	Total Hours	Marks
6	5	90	100

Objectives

1. To familiarize the students with methodology of research and its application in Economics.
2. To enable the students to bring out suggestions, possible solutions for Social and Economic problems.

Course Outcomes

Co. No	Upon completion of M.A. Economics, the graduates will be able to :	PSO addressed	CL
CO - 1	understand the basic concepts of research	PSO - 1	U
CO - 2	analyse the research problems and the problems of a researcher	PSO - 2	An
CO - 3	identify the methods of data collection	PSO - 4	Re
CO - 4	apply the research design and techniques	PSO - 4	Ap
CO-5	find out the solution to defining the problem	PSO - 2	Re

Unit – I Nature of Social Science and Research

Meaning of Research – Objectives of Research – Motivation in Research – Types of Research – Research approaches – Significance of Research- Research Method Vs Methodology – Research and Scientific Method – Criteria of Good Research – Qualities of a good researcher -Problems encountered by Researchers in India.

Unit -II Research Problem

Meaning of research problem – Selecting the problem – Necessity of defining the problem – Technique involved in defining a problem - Research Design: Meaning – Need – features – Concepts – Different research designs.

Unit -III Methods and Sources of Data Collection

Primary Data: Mailed Questionnaire, Schedules, Interview method, observation and case study, Merits and demerits of primary sources.

Secondary Data: Significance of secondary Data – Methods of collection of secondary data - Evaluating secondary Data – Sources of Secondary Data – Merits and demerits of Secondary source.

Sampling: Survey and sampling techniques – Census and sample survey – Steps in sampling design – Criteria for selecting a sample procedure – Methods of sampling.

Unit -IV Formulating and Testing of Hypothesis

Definition of Hypothesis – Characteristics of Hypothesis – Basic concepts concerning Testing of Hypothesis – Procedure for Hypothesis Testing – Flow Diagram for Hypothesis Testing – Test of Hypothesis – Important Parametric Tests: “t” test, “F” test and “Z” test – Chi-square test- Meaning, Characteristics

Unit -V Interpretation and Report Writing

Data processing – Tabulation – Editing – Coding – Analysis and Interpretation of data presenting results: Written and oral reports – Stages in drafting written research report – Layout of research report – Foot notes and Bibliography.

Reference Books

1. Kothari, C.R. (2007). *Research Methodology, Methods and Techniques*. (6th ed.). New age international publishers.
2. Sadhu, A.N., & Singh. (1988). *Research Methodology Social Sciences*. (2nd ed.). Bombay, Himalaya publishing house.
3. Ghosh, B.N. (1992). *Scientific Method and Social Research*. (1st ed.). Sterling Publishers (p) Ltd.
4. Kurien, G.T. (1985). *A guide to Research in Economics*. (1st ed.). Rainbow publications.
5. Krishnaswami, O.R. (1998). *Methodology of Research in Social Sciences*. (4th ed.). Bombay: Himalaya publishing house.

SEMESTER - II

ELECTIVE - II (a):HUMAN RESOURCE MANAGEMENT

COURSE CODE: PF2025

Hours / Week	Credits	Total Hours	Marks
6	4	90	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 Outcome

Co. No	Upon completion of M.A. Economics, the graduates will be able to :	PSO addressed	CL
CO - 1	understand the basic concepts and objectives of HRM	PSO - 1	Un
CO - 2	Apply the plans of solving the Human Resource Problems	PSO - 2	Ap
CO - 3	Analyze the problems of HRP and Trade union	PSO - 2	An
CO - 4	Evaluate the need and importance of HRM	PSO - 1	Ev
CO - 5	identify the Employees benefit acts	PSO - 6	Ap

Unit - I Introduction

Introduction to Human Resource Management – Definition - Objectives and functions of HRM –Evolution –Qualities of HR manager -Role of organizations in changing technologies – Its implications on HRM - 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 – Guidelines of HRP.

Unit - III Recruitment, Screening and Selection

Recruitment –objectives, Planning Internal and External influences, jobs, specification & Job Description – Sources.

Screening: Process – Elimination of ineligible applicants – Application blanks – Preliminary testing – Screening interviews.

Selection: Instruments of Selection – Interview - Group Discussion – Reference checks and recommendations – Physical examination – Selection and placements.

Unit – IV Human Resource Management

Trade unions -Trade Union Movement in India – Organization structure in India – Problem - Strategic Management: Nature and Process-Environmental Planning-Strategy Formulation, Strategy implementation and Strategy Evaluation-Importance.

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-Employee Benefits: Meaning and Definition-services-types and Significance.

Reference Books

1. Prasad, L.M. (2005). *Human Resource Management*. (2nd ed.). New Delhi: Sultan Chand Publishers.
2. Aswathappa, (2005). *Human resources and personal Management*. (2nd ed.). Tata McGraw. New Delhi: Hill publishing co Ltd.
3. Chhabra, T.N. (2005). *Human Resource Management*. New Delhi: GaganKapur for Dhanpatrai & Co (p) Ltd.
4. Gupta, C.B. (1996). *Human Resource Management*. (2nd ed.). New Delhi: Sultan Chand & Sons.
5. Robert Mathias, L. & Jackson, H. (2004). *Human Management*. (1st ed.). Singapore: Thomason publishers.

SEMESTER - II

ELECTIVE - II (b): OPERATIONS RESEARCH

COURSE CODE: PF2026

Hours / Week	Credits	Total Hours	Marks
6	4	90	100

Objectives

1. To enable the students to learn the principles and practices of operation research.
2. To enable the students to acquire skills needed for the career.

Course Outcomes

Co. No	Upon completion of M.A. Economics, the graduates will be able to :	PSO addressed	CL
CO - 1	Under the meaning and Characteristics of Operation Research	PSO – 4	U
CO - 2	Discuss the Method of Linear Programming and models	PSO – 4	E
CO - 3	Identify the theories of Queuing and Game theory	PSO – 4	Re
CO - 4	Explain the concept of network analysis	PSO – 4	Ev

Unit – I Introduction

Meaning and scope of Operations Research – Characteristics of Operations Research – Models of Operations Research various Operations Research Techniques – Limitations of Operations Research - Transportation Model: Vogels Approximation Method – Assignment Model: Hungarian Method.

Unit - II Linear Programming

Linear Programming: Formulation, solution to IPP: Graphical and Simplex Method (Inequality Constraints only) – Transformation of Primal into Dual and its Economic Interpretation.

Unit - III Queuing Theory.

Unit - IV Net Work Analysis Queuing or Waiting Line Theory – Benefits of Queuing Theory – Characteristics of Queuing Theory. Single Channel Queuing Model, Multiple Channel Queuing Model – Limitations of Queuing Theory.

Net Work Analysis: Net Work Model – PERT and CPM – Determination of Critical Path – Estimation of Float and Slack – Time-Cost Trade off.

Unit -V Game Theory

Theory of Games: Two Person Zero-sum Game – Minimax and Maxmin – Strategies: Dominant Strategies – Mixed Strategies – Solution for Game Theory by IPP.

Reference Books

1. Psarras, J. (2016). *Operational Research*. (1st ed.). New York: Springer Nature.
2. Panneerselvam, R. (2010). *Operations Research*. (2nd ed.). New Delhi: PHI learning (p) Ltd.
3. Frederick Hiller, S. (2014). *Operations Research*. (2nd ed.). Mc.Graw- Hill Publishers.
4. Fredrick Hiller, S. Gereard Liberman, J., & PreetanBasu, (2011). *Introduction to Operations Research*. (9th ed.). India: Mc Graw – Hill education private limited.
5. Fredrick Hiller, S., & Gereard Liberman, J. (2014). *Introduction to Operations Research*. (10th ed.). India: Mc Graw – Hill education private limited.

SEMESTER - II

ELECTIVE - II (c):ECONOMICS OF INFRASTRUCTURE

COURSE CODE: PF2027

Hours / Week	Credits	Total Hours	Marks
6	4	90	100

Objectives

1. To know the development issues involved in development of infrastructure in India.
2. To know the growth of infrastructure, the category of social overhead capital.

Course Outcomes

Co. No	Upon completion of M.A. Economics, the graduates will be able to :	PSO addressed	CL
CO - 1	Under the concept of infrastructure and principles of pricing in public utilities	PSO – 8	U
CO - 2	Discuss the structure of transport economics and characteristics of postal services	PSO – 8	E
CO - 3	Identify the process of economic development and energy conservation	PSO – 8	Re
CO - 4	Explain the social infrastructure and electricity, Gas and Water Supply	PSO – 8	Ev

Unit - I Introduction

Infrastructure and economic development – Infrastructure as a public good- social and physical infrastructure- special characteristics of public utilities. The peak –load, off load problem, Dual principle Controversy- economies of social of joint supply- marginal cost pricing vs –other methods of pricing in public utilities –cross –subsidization-free prices, equity and efficiency.

Unit -II Transport Economics

The Structure of transport costs and location of economic activities – demand for transport – models of freight and passenger demand – model choice – cost functions in the transport sector – principle of pricing – rate – making – in telephone utilities – pricing – of decreasing costs in telephone industry – characteristics of postal services – criteria for fixation of postal rates. Measurement of standards of service in telephone and postal utilities.

Unit – III Energy Economics

Primary of energy in the process of economic development – factors determining demand for energy – effects of energy shortages – energy conservation – renewable and non – conventional sources of energy – energy modeling – the search for an optional energy policy in the Indian context.

Unit – IV Electricity , Gas and Water Supply

Bulk supply and pricing of electricity – the relative economics of thermal, hydel and nuclear power plants – The case for a National Power Grid. Financing water utilities, Urban and rural water supply – the exploitation of natural gas and pricing problem.

Unit – V Social Infrastructure

Organization and financing of supply of social services – private vs public financing – education and economic growth , approaches to educational planning – social demand rate of return and manpower balance approaches. The case for universal, free, primary, education – structure of higher education and problems of its financing in India health dimensions of development – determinist of health - poverty, malnutrition, illiteracy and lack of information – economic dimensions of health care – demand and supply of health care; financing of health care and resource constraints .

Reference Books

1. Public Utility Economics, Crew M.A and P.R. Kleindorfer(1979),Macmillan, London.
2. Economics Infrastructure ,Indian Council of Social Sciences Research (ICSSR) 1976, Vol.VI, New Delhi.
3. India Infrastructure Report 1997,National Council of Applied Economic Research (NCAFR) Oxford, New Delhi.
4. India Development Report 1997,Parikh, K.S.(Ed.) (1997, Oxford, New Delhi.
5. India Development Report - 1999- 2000,Parikh, K.S.(Ed.) (1999), Oxford, New Delhi

Semester II
Life Skill Training - II
Course Code: LST201

Hours/ week	Credit	Total hours	Marks
1	1	30	100

Objectives:

- To understand the fundamental rules of success
- To practice integrity in day to day life

Course Outcomes (COs)

CO No.	<i>Upon completion of this course, the students will be able to:</i>	Cognitive Level
CO-1	understand the importance of soft skills	U
CO-2	apply the tools and techniques for effective communication	A
CO-3	Analyse and improve mental health	Y

Unit I

Soft and Hard Skills - significance of soft skills.

Communication Skills - Types of communication - elements of communication - constituents of communication - characteristics of effective communication.

Unit II

Body Language - Body language interpretation -tips for better body language.

Interpersonal Skills - Tools for effective conversation and building interpersonal skills.

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Unit III

Listening Skills - Listening types - tips for listening - listening and leadership.

Soft Skills and Johari Window -Johari windows - advantages of Johari window.

Unit IV

Change Management -Change Vs Zones - tips for managing change
Stress Management - Types, causes of stress, symptoms of stress and tackling stress.

Unit V

Motivation - Types of motivation - Hierarchy of needs - tips for motivation.

Time Management - Pareto's principle - tools and techniques for time management.

(Compilation will be provided to the students)

Reference Books:

1. Melgosa, J. (2013). Positive Mind. (3rd ed.). Spain: Safeliz.
2. Shukla, A. (2010). The 4-Lane Expressway to Stress Management. New Delhi: Unicorn Books.
3. Pease, A. (1990). Body Language. India: Sudha Publications Pvt. Ltd.

SEMESTER III

CORE – IX: ADVANCED MACRO ECONOMICS

COURSE CODE: PF2031

Hours / Week	Credits	Total Hours	Marks
6	5	90	100

Objectives

1. To develop an analytical framework in order to understand the inter linkages among the crucial macro economic variables and various segments of an economy.
2. To analyse the implications of changes in policy measures for business and the economy.

Course Outcomes

Co. No	Course Outcomes	PSO addressed	CL
CO – 1	Evaluate the National Income Accounting	PSO – 3	An
CO – 2	Apply the circular flow in a three sector closed economy and four sector closed economy	PSO - 3	Ap
CO – 3	List out the types of investment	PSO - 7	Re
CO – 4	Examine the Macro Economic policy applied in the Indian Economy	PSO – 3	An

Unit - I National Income

Concept - Micro-Macro relations – Stock and flow relationships – National Income and social Accounting – Measurement and problems in National Income Accounting – Circular flow of Income and expenditure – Circular flow in a three sector closed economy - Circular flow in a four sector open economy.

Unit- II Consumption Function and Keynesian Approach

Meaning – Average Propensity to Consume and Marginal Propensity to Consume – Determinants of consumption function – Measures to raise the propensity to consume - Theories of Consumption Function: the relative income hypothesis, the permanent income hypothesis, the absolute income hypothesis and Life cycle hypothesis - Keynes' Psychological Law of Consumption Function.

Unit - III Investment Function and Multiplier

Meaning of Capital and Investment: Types of Investment: Induced vs Autonomous: Determinants of Investment: The Marginal Efficiency of Investment (MEI): Relation between the MEC (Central Stock) and the MEI (Investment): Factors other than the Interest Rate Affecting Inducement to Invest. Multiplier –Balanced Budget Multiplier – Foreign Trade Multiplier – Super Multiplier.

Unit - IV Theories of Interest

General Equilibrium Model in Two Sector System – the Real Market, the Money Market Elasticity of the LM function; General Equilibrium; The Interaction of IS and LM Functions. Effectiveness of Monetary and Fiscal Policies –Milton Friedman Approach – (i) The Keynesian Range (ii) The Classical Range (iii) The Intermediate Range; Weakness of the IS – LM Model.

Unit - V Trade Cycle and Macro Economic Policy

Meaning; Types of trade cycles; Phases of a Trade cycle; Schumpeter's Theory of Innovations; Keynesian Theory of the Trade cycle - Theory of Modern Trade Cycle: Samuelson's Model of the Trade cycle; Hick's Model of the Trade cycle; Kaldor's Model of the Trade cycle – Objectives and Limitation of Macro Economic Policy.

Reference Books

1. Rana, K.C. & Varma K. N. (2007). *Macro Economics Analysis*. (8th ed.). Jalandhar: Vishal Publishing Co.
2. Mithani, D.M. (1980). *Macro Economics*. (4th ed.). New Delhi: Oxford & IBH publishing Co.
3. Gupta, R.D. (2013). *Keynes and Post Keynesian Economics*. Kalyani publishers.
4. Seth M.L. (1983). *Macro Economics*. (13th ed.). Lakshmi Narain Agarwal Educational Publishers.
5. Shapiro E. (1996). *Macro Economic Analysis*. (1st ed.). New Delhi: Galgotia Publications.

SEMESTER III

CORE - X: INTERNATIONAL ECONOMICS

COURSE CODE: PF2032

Hours / Week	Credits	Total Hours	Marks
6	5	90	100

Objectives

1. To enable the students to gain knowledge about the different aspects of foreign trade, procedure and its significance at the international level.
2. To create awareness among the students about world trade and economy.

Course Outcomes

Co. No	Course Outcomes	PSO addressed	CL
CO – 1	Develop a systematic understanding about to the international trade	PSO - 5	An
CO – 2	Develop knowledge on inter – regional and foreign trade	PSO - 5	An
CO – 3	Apply the theories of international trade	PSO – 5	Ap
CO – 4	Identity the various document used in foreign trade	PSO - 12	Re
CO – 5	Distinguish between internal and international trade	PSO - 5	An

Unit - I Theories of International Trade

Theories of International trade: Importance of International Trade - Classical Theory of International Trade and Modern theory of International Trade, Stolper – Samuelson theorem – Rybczynski Theorem of Immiserising growth – Paul group men theory

Unit – II Gains and Terms of Trade

Gains from Trade – Meaning, Potential and actual gain from International Trade, Measurement, and factors determining the gains from trade, Static and dynamic gains from trade - Terms of Trade: Types, determinants, factors affecting terms of trade – Terms of trade and Economic development - Exchange controls: Meaning, Features, Objectives and Methods of Exchange Control, merits and demerits.

Unit – III Foreign Trade in India

Foreign Trade – Volume of trade, Composition of trade, Direction of trade. Structural changes in India's foreign trade- India's Foreign Trade Policy – Letters of credit: Types and Operations – Documents used in Foreign Trade - Export credit Insurance – Export Promotion-Exim Bank.-Objectives and Functions.

Unit - IV Balance of Payment and Exchange Rate

Balance of Payment: meaning, structure of Balance of Payment Account, measuring deficit or surplus in Balance of Payment, Balance of trade and Balance of Payment, Disequilibrium in Balance of Payment Adjustment mechanism: Automatic Price Adjustments under Gold Standard, Automatic Price Adjustments under flexible Exchange Rates, Types of foreign trade,-Foreign Exchange Risk- Currency Derivatives-Futures Options-HEDGING & Speculation.

Unit - V International Trade Organizations

IMF – IBRD — GATT – UNCTAD- WTO- Objectives and Functions –Regional Blocs -SAARC - NATO–EU-ASEAN&BRICS- NIEO & International Trade.

Reference Books

1. Jhingan, M.L. (2000). *International Economics*. (6th ed.). New Delhi, Vrindha Publication Pvt Ltd.
2. Gupta, K.R. (1972). *International Economics*. (6th ed.). Delhi: Atma Ram & Sons.
3. Francis Cherunilum. (2006). *International Economics*. (5th ed.). Tata Mc Graw, Hill Publishing Company Ltd.
4. Desai, S.S.m. (1995). *International Economics*. (3rd ed.). Bombay: Himalaya Publishing House.
5. Mithani, M. (2003). *International Economics*. (4th ed.). Mumbai: Himalaya Publishing House.

SEMESTER III

CORE - XI: ENTREPRENEURIAL DEVELOPMENT

COURSE CODE: PF2033

Hours /Week	Credits	Total Hours	Marks
6	4	90	100

Objectives

1. To educate and develop the business students with the aptitude of Entrepreneurial Qualities.
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	Develop conceptual business knowledge to solve practical decision making problems	PSO - 5	An
CO – 2	Apply the theories to major areas of study	PSO - 3	Ap
CO – 3	Understand the impact of globalization on enterprise	PSO - 8	U
CO – 4	Explain the Role of rural and women Entrepreneurship	PSO – 6	U
CO – 5	Identify the need for financial planning	PSO – 9	Re

Unit -I Introduction

Entrepreneurship- Definition & Characteristics -Types of entrepreneur- Entrepreneurship and Economic Development – Role of Entrepreneurship in Rural Development–Rural Entrepreneurship: Meaning – Need – Problems—Women Entrepreneurship: Evolution, Meaning and Problems-Recent Trends.

Unit - II Entrepreneurial Management and Motivation

Entrepreneurial Management in existing business, Entrepreneurial policies and practices, measuring innovative performance, Structures and staffing - Entrepreneurship in a new venture – Entrepreneurial strategies, Sources of innovation - Principles of innovation -

Entrepreneurship in the service institution - The motivational factors, Entrepreneurial ambitions, compelling factors, Facilitating factors, Theories of motivation.

Unit - III Ownership Structures and Financing of Enterprise

Sole proprietorship, Partnership, Joint stock Company, Private Company Vs Public Company- Factors influencing the choice of the organization – Need for Financial planning- Sources-Capital Structure-Term loans.

Unit - IV Project Formulation

Meaning - Identification- Selection - Project Formulation - Meaning and Significance - Contents of a Project Proposal - Preparation of a model project proposal.

Unit –V Skill Development

Steps to start a business- Link with SHG –Production of a Product – Training by SHG – Sales Techniques – Marketing of the product

Reference Books

1. Suri, R.K., & Seema. (2007). *Entrepreneurial Development*. (4th ed.). Allahabad: Kilab Mahal.
2. Gupta, G.D. & Srinivasan S.N.P. (2010). *Entrepreneurial Development*. (1st ed.). New Delhi: Sultan Chand & Sons.
3. Saravanavel, P. (1991). *Entrepreneurial Development*. (1st ed.). Mount Road, Madras: Ess Pee Key Publishing House.
4. Khanka, S.S & Chand S. (1999). *Entrepreneurial Development*. (1st ed.). Ram Nagar, New Delhi: Chand & Company Ltd.
5. Ranbir Singh. (2012). *Entrepreneurship Development*. (1st ed.). S.K. Kataria& Sons Publishers.

SEMESTER -III

PROJECT

Course Code: PF20PR

Hours /Week	Credits	Total Hours	Marks
6	5	90	100

Objectives

1. To gain knowledge towards research design and datacollection.
2. To enable students to define research problem, analyse and interpret the data.

Course Outcomes

Cos	Upon completion of this course the students will be able to :	PSO Addressed	CL
CO- 1	Identify the research problem	3	R
CO- 2	review the concepts, theories and formulate hypothesis	3	U
CO- 3	formulate the research design	3	C
CO- 4	understand the methods of data collection and collect the data	3	U
CO- 5	analyse the collected data with the statistical tools, interpret it and draw the findings	3	An

Norms Regarding the Subject Project

- All the students must undertake project work in the II year (III semester).
- Topic related to **Economics** should be taken.
- Project is to be done by individual.
- The Project Report should be submitted in English.
- The Project report should have minimum 75 pages in A4 size paper.
- Primary sources should be referred.
- The Viva-Voce is compulsory. For those who do not complete Viva-Voce, results will not be declared.
- External Evaluation is Compulsory.
- Marks for the Project Report will be 100. (Report 60; Viva40)
- Minimum ten books should be listed in the Bibliography

Evaluation	Marks	Month/ Date	Evaluator
Proposed title, review of	-	4 rd Week of III Semester	-

literature and objectives.			
Final- Internal	40	September/ October	Internal / Ext. examiner
*Viva-voce	60	October /November	Ext. examiner
Total marks	100		

* Mode of presentation by Power Point

Project framework

I. The project format should be:

- Font - Times New Roman
- Heading - Font size 14 (Bold) -Uppercase
- Sub headings - Font size 12 (Bold) – Lowercase; should be numbered. (e.g) Introduction 1;Subheading 1.1; 1.2....)
- Text, the content of the project – Font size -12(Normal).

II. Project must be completed within the stipulated time.

III. Submission of project:

- one soft copy (PDF format in CD)
- three hard copies (soft binding) duly signed and endorsed by the Supervisor and the Head.

The report of the project will have three main parts:

I. Initial Pages - in the following sequence

- i. Title Page
- ii. Certificate from the Supervisor
- iii. Declaration by the candidate endorsed by the Supervisor and HOD.
- iv. Acknowledgement (within one page - signed by the candidate).
- v. Table of Contents

Main body of the project

- i) Introduction with Literature review and Objectives
- ii) Methodology
- iii) Results
- iv) Discussion
- v) Summary
- vi) References

SEMESTER-III

ELECTIVE - III (a): AGRICULTURAL ECONOMICS

COURSE CODE: PF2034

Hours / Week	Credits	Total / Hours	Marks
6	4	90	100

Objectives

1. To create awareness among the students about Agriculture.
2. To Enable the students to gain knowledge about the different aspects of Agricultural Finance and Capital.

Course Outcomes

Co.No	Course Outcomes	PSO addressed	CL
CO-1	Develop the relationship between agriculture and Industry	PSO - 5	An
CO-2	Understand the different trends of agricultural productivity	PSO - 5	U
CO-3	Identify the problems of agricultural labours	PSO – 5	Re
CO-4	Explain agricultural finance and agricultural policy	PSO - 12	U

Unit-I Introduction

Scope and Significance of Agriculture-Agriculture and Industry-A Comparison –Role of Agriculture in India’s Development-Inter- Sectoral Linkage –An Overview.

Unit-II Agricultural Production and Productivity

Production Function Analysis and its relevance to Farm Production -Productivity Trends in India; Low Production and Productivity; Causes and Consequences –Efficiency relations in Indian agriculture-Role of Technology in Agriculture-Structural Changes in Indian Agriculture and its Recent Trends.

Unit-III Agricultural Labour

Agricultural Labour: Types –Supply of Labour-Problems-Rural Unemployment; Types, Consequences and remedial measures-Minimum wages for agricultural workers-An evaluation -Recent Wage and Self –Employment Programmes.

Unit-IV Agricultural Credit System

Agricultural Finance: Meaning, Nature, Types, Sources and Problems of Agricultural Finance –Co-operatives in Rural Finance-Role of Commercial Banks and NABARD in Rural Finance –Farm Capital –Meaning, Types and Marginal Efficiency of Farm Capital and Capital Formation in Agriculture.

Unit-V Agricultural policy

Agricultural Price Policy-Objectives, Instruments and Impact –Minimum Support Price and Procurement Price -Economic Reforms and Agricultural Policy - WTO and Indian Agriculture - Opportunities & Impact -Agricultural Taxation and its relevance.

Reference Books

1. Hunumantha Rao C.H (1975), Technological Changes and distribution of gains in India agriculture , New Delhi , Macmillan, New Delhi.
2. RudderDatt and K.P.M.Sundharam (2001), Indian Economy, S.Chandand Ltd., Ram Nagar, New Delhi.
3. Ashok Rudra (1982), Indian Agricultural Economics: Myths and Realities, New Delhi Allied Publishers.
4. Dantwala M.L (1991), Indian Agricultural Development since Independence, New Delhi, Oxford and IBH Publishing vat Company private limited.
5. Vasant Desai.B.P (1996), Agricultural Economics, Rural Development, Meerut, Jai Prakash North.

SEMESTER III

ELECTIVE - III (b): FINANCIAL ECONOMICS

COURSE CODE: PF2035

Hours / Week	Credits	Total Hours	Marks
6	4	90	100

Objectives

1. To provide knowledge and concept of retail management
2. To create awareness about the retail marketing among the consumers.

Course Outcomes

Co.No	Course Outcomes	PSO addressed	CL
CO - 1	understand the importance of Financial Market System	PSO – 1	U
CO – 2	apply the various policies of Interest Rate	PSO – 12	Ap
CO – 3	analyse the measures Taken for the Economic Development	PSO – 3	An
CO - 4	understand the situation of Capital and Money Market	PSO – 9	U
CO - 5	analyse the role of monetary institution at the international level	PSO – 3	An

Unit – I Nature and Role of Financial System

Money and finance – Money and near money – Financial intermediation and financial intermediaries – The structure of the financial system – Functions of the financial sector - Indicators of financial development – Equilibrium in financial markets – Financial system and economic development – Criteria to evaluate assets : Risk and financial assets – Types of risk – Return on assets, Risk – Return Trade off.

Unit – II Structure of Interest Rates

Theories of interest rate determination – Level of interest rates – Long period and short period rates – Term structure of interest rates – Spread between lending and deposit rates – Administered interest rates – Appropriate interest rate policy.

Unit – III Non- Bank Financial Intermediaries

Definition and types of Non – Bank financial institutions: Their growth and impact on India’s economic development, Measures taken to control their operations.

Unit - IV Financial Markets

Role and structure of money market and capital market – Call money market - Treasury bill market, Commercial bill market. Derivatives: Types, uses and pricing of derivatives – SEBI: Its impact on the working of capital market in India.

Unit -V International Financial Markets

Risk heading and futures in institutions – International liquidity – Reforms in international monetary system for developing countries – Lending operation of World Bank and its affiliates – Working of IDA and IFC – Growth of regional financial institutions – Asian Development Bank and its lending activities – Asian Development Bank and India – Euro - dollar and Euro - Currency markets: Developmental- Role and regulation at the international level.

References Books

1. Shakila Banu, M.A. (2011). *Finance and Securities Market in India*. Delhi: Abhijeet Publications.
2. Bhole & Jitendra Mahakud, L.M. (2009). *Financial Institutions and Markets*. (5th ed.). New Delhi: Tata McGraw – Hill Education Private Limited.
3. Stephen F. Leroy & Jan Werner, (2014). *Principles of financial economics*. (2nd ed.). Cambridge University Press.
4. Frank J. Fabozzi, & Edwin, H. (2012). *Financial Economics*. United States of America.
5. Vasant Desai. (2012). *The Indian financial system and financial market operation*. Himalaya Publishing House.

SEMESTER III

ELECTIVE-III (c) : MANAGERIAL ECONOMICS

COURSE CODE: PF2036

Hours / Week	Credits	Total Hours	Marks
6	4	90	100

Objectives

1. To enable the students to relate their acquired knowledge of the firm, and in particular managerial economics in shaping their own management practices when they take up managerial responsibilities in the near future.
2. To improve management decision making in the context of a firm or organization.

Course Outcomes

Co.No	Course Outcomes	PSO addressed	CL
CO - 1	understand the concept of Managerial Economics	PSO – 4	U
CO – 2	apply the various demand analysis	PSO – 4	Ap
CO – 3	Understand the different types of forecasting	PSO – 6	U
CO - 4	understand the cost control and analysis	PSO – 2	U
CO - 5	analyse the various market Structure	PSO – 1	An

Unit–I Scope and Definition of Managerial Economics

Meaning; Economic Theory and Managerial Theory; nature, Scope and subject matter of Managerial Economics; Relation to other branches of knowledge, methods of Managerial Economics; Role of Managerial Economist in Business Decision making; role and responsibilities of Managerial Economist.

Unit – II Demand Analysis and Elasticity of Demand

Meaning and types of demand; individual's and market demand schedule and curve; changes in demand; law of demand; Demand Determinants; Elasticity of demand - Price

Elasticity of Demand; Income elasticity of Demand; Advertising Elasticity of Demand, Cross Elasticity of Demand – Importance of Elasticity of Demand in Management – Application of Elasticity in Managerial Decision

Unit – III Demand, Price and Profit Forecasting

Demand Forecasting: Meaning and types of Demand forecasting; Forecasting demand for new product; Determinants for Demand forecast; Methods of Demand Forecasting; Criteria of a Good Forecasting method.

Price Forecasting: Types of Price Forecasting; Demand-supply conditions and price forecasting; Impact of nature of commodity and market conditions.

Profit Forecasting: Meaning; Profit forecast and Profit Improvement Plan; Methods of Profit Forecasting.

Unit – IV Cost Analysis

Cost concepts; Cost function; cost-output relationship in short run and long run cost analysis - Cost control: Meaning; Aspects of cost control and advantages of cost control; Areas of cost control; Tools of cost control; Techniques of cost control – Factors hampering cost control in India - Cost reduction: Meaning; Techniques of cost reduction.

Unit – V Price and output Decisions under different Market Structure

Features and Price determination under Perfect competition; Monopoly – Features, causes, Kinds and price determination under monopoly – Discriminating monopoly – Monopolistic competition – Oligopoly and Price rigidity – Price Leadership.

Reference Book

1. M.L. Jhingan & J.K. Stephen- “Managerial Economics”
2. P.L. Mehta - “Managerial Economics – Analysis, Problems & Cases”
3. R. L. Varshney & K.L. Maheshwari - “Managerial Economics”

Semester III
Life Skill Training (LST) – II
Values in Family Life - I
Course Code: LST202

Hours / week	Credit	Total Hours	Marks
1	1	30	100

Objectives:

- To develop values on Indian family, culture, Inter personal relationship and socialization.
- To develop skills necessary to lead a happy life.

Course Outcomes (COs)

CO No.	<i>Upon completion of this course, the students will be able to:</i>	Cognitive Level
CO-1	recognise the importance values of relationship within the family and the society.	U
CO-2	analyse different values, relationships and responsibility	A
CO-3	develop the skill of adjustment and problem solving	C

Unit I:

Family Life Education - Definition - Objective - Aim - Value and Choice - Commitment to Values - Sources and Categories of Values - Professional and Operational Values - Personal and Social Values - Abdication of Responsibility.

Unit II:

Family- Meaning - Types - Indian Family - Types of Family Pattern - Joint Family - Advantages, disadvantages - Social Functions of the Family - Indian Ideal of Family Life - Family as a Unit of Society - Family as a Custodian and Transmitter of Values.

Unit III:

Relationship - Types - Relationship with the Mother - Adolescent - Meaning - Adolescence - Meaning - Needs of the Adolescent - Obstacles to Adolescent - Effects of Non-satisfaction of Needs.

Unit IV:

Socialisation - Process - Friendship - Infatuation - Peer Groups - Harmful Friendship - Signs of Affection.

Unit V:

Women and Men - Status of Women - Indian Woman - Man as Husband and Father - Husband's role in Marriage - Dowry - Divorce.

Text Book:

Marie Mignon Mascarenhas, *Family Life Education*, A Publication of All India Association for Christian Higher Education, Bangalore.

SEMESTER - IV**CORE - XII: MONETARY ECONOMICS****COURSE CODE: PF2041**

Hours / Week	Credits	Total / Hours	Marks
6	5	90	100

Objectives

1. To gain sound knowledge in monetary theories and banking practices.
2. To provide a strong knowledge based on India's monetary problems.

Course outcomes

Co. No	Course Outcomes	PSO addressed	CL
CO – 1	Understand the concepts of Banking	PSO – 8	U
CO – 2	Evaluate the various approaches to money	PSO - 8	An
CO – 3	Analyse the measures of money supply	PSO - 8	An
CO – 4	Develop knowledge on recent trends on Banking system	PSO – 8 PSO - 5	An
CO – 5	Identify the difference between money market and capital market	PSO - 8	Re

Unit –I Monetary Theories

The Role Money in an Economy – Fisher's Quantity Theory - Cambridge Cash Balance Approach - Keynesian Theory - Modern Quantity Theory; Friedman's Approach – Don Patinkin's Theory - Inventory Theory of Money (Baumol)

Unit – II Money Supply

Definitions of Money supply - High Powered Money – Money Multiplier Process - Determinants of Money supply –Measures of money supply- Composition of Money Supply in India-Elasticity of Money Supply.

Unit – III Central Banking System

Definition - Role of Central Banks - Development and Promotional Functions - Credit control Methods – RBI: Organisational structure and management - Role, objectives and Functions – RBI and Agricultural and industrial Finance – RBI and Bill market scheme – Exchange control Management by RBI. **Unit – IV Monetary Policy**

Role of Monetary Policy in Economic Development – Objectives of Monetary Policy, Trade off, Targets and Indicators of Monetary Policy – Instruments of Monetary Policy – Expansionary Monetary Policy – Contractionary Monetary Policy.

Unit – V Banking System and Financial Reforms

Recent Trends in Indian Banking System: Social Banking; Innovative Banking; Deposit Insurance Corporation & Payment Banking System; Defects of Indian Banking System; Suggestions to improve working of banking system; Recent Banking Reforms. Financial Reforms in India: Banking Sector reforms; Money Market Reforms; Capital Market Reforms.

Reference Books

1. Suraj, B. & Gupta. (1988). *Monetary Economics*. (5th ed.). New Delhi: S.Chand &Company Pvt Ltd,
2. Devairakkam, S. (2001). *Monetary Economics*. (8th ed.). D.S.R.Publications.
3. Cauvery, R. & Manimekalai, A. (2003). *Monetary Economics*. (2nd ed.). New Delhi: S.Chand &Company Pvt Ltd.
4. Jhingan, M.L. (2006). *Monetary Economics*. (7th ed.). New Delhi: Vrinda Publications (p) Ltd.
5. Sankaran, (2013). *Monetary Economics*. (2nd ed.). Margham Publications

SSSSEMESTER - IV

CORE - XIII: ENVIRONMENTAL ECONOMICS

COURSE CODE: PF2042

Hours / Week	Credits	Total Hours	Marks
6	5	90	100

Objectives

1. To enable students acquire knowledge about the Theory of environmental economics.
2. To impart the students to overcome the environmental problems.

Course Outcomes

Co. No	Course Outcomes	PSO addressed	CL
CO - 1	Define environmental economics including environment conservation of resources pollution	PSO - 2	Re
CO - 2	Develop knowledge on Environmental laws in India	PSO - 2	An
CO - 3	Examine the regulation and prohibition taxes	PSO - 2 PSO - 8	An
CO - 4	Identify the various pollution problems	PSO - 2	Re
CO - 5	Understand the public awareness on environment	PSO - 2	U
CO - 6	Identify the imperfect market problems	PSO - 1	Re

Unit - I Introduction

Definition-Scope-Economics and Environment – Role of environment in Economic Development -Material Balance model-basic theory of Environmental Economics : Market failure and externality- Pareto criterion –Pigovian analysis Imperfect market problems - Kaldor - Hicks compensation Principle – Coase Theorems-Tragedy of commons.

Unit - II Conservation and Collective Environmental Action

Definition and Meaning-Methods of conservation-Material substitution-Product life extension-Recycling-Optimum recycling-Recycling and Carbon Taxes- Integrated Waste Management System. The collective environmental action : Regulation and prohibition Taxes, subsidies and effluent charges – Global warming – Ozone Depletion – Green House effect.

Unit - III Environmental Pollution

Urbanization and environmental problems - Environmental pollution- Air Pollution: causes-effects and control measures-Water Pollution: sources-effects-control of water pollution- Noise Pollution: sources-effects-control of noise pollution– E-Waste-Deforestation-Causes and Consequences.

Unit - IV Cost - Benefit Analysis

Cost - Benefit Analysis-meaning and steps – Nature of costs- benefits in controlling pollution- Efficiency in pollution control-Property Price Approach -Advantages and limitations of cost benefit analysis- environmental quality as a public good-Environmental quality and Economic development-Limited assimilative capacity of environment.

Unit - V Environmental Policies in India

Environmental Laws in India – The motor vehicles act,2020 - The factories Act1948-The water act(1974)-The air act(1981) - Policies of pollution control -Policy instruments for environmental protection– Law and environment- Tiwari committee(1980)- KashthooriRangan Committee (2020) - EIA (2020)-The Recycled plastics manufacture and usage (Amendement Act) 2003 - Sustainable Development Goals(SDGs) -environmental education-Aim-principles-Public awareness.

Reference Books

1. Karpagam, M. (2014). *Environmental Economics*. (1st ed.). Sterling Publishers Private Ltd.
2. Eugene, T. (2004). *Environmental Economics*. (1st ed.). Vrindha publications (p) Ltd.
3. Sankaran, S. (2012). *Environmental Economics*. (5th ed.). Chennai: Margham publications.
4. Jhingan, M.L., Chandor, K., & Sharma, (2012). *Environmental Economics*. (2nd ed.). New Delhi: Vrinda publications.
5. Singh, S.R. (2012). *Environmental Economics*. (1st ed.). New Delhi: APH Publishing Corporation.

SEMESTER - IV

CORE XIV: INDUSTRIAL ECONOMICS

COURSE CODE: PF2043

Hours / Week	Credits	Total Hours	Marks
6	5	90	100

Objectives

1. To understand the legislations, finance and decisions related to industries.
2. To create an awareness of the various factors for the industrial development.

Course Outcomes

Co.No	Course Outcomes	PSO addressed	CL
CO - 1	Apply some of the theories of optimum firm	PSO – 3 PSO - 1	Ap
CO – 2	Develop knowledge on small scale sector policy	PSO - 5	An
CO – 3	Analyze major issues in information technology	PSO – 5 PSO - 8	An
CO – 4	Apply the role of SSI in Indian Economy	PSO – 5 PSO - 8	Ap
CO – 5	Identify the methods of inventory management	PSO - 5	Re

Unit-I Theories and Policies of the Firm

Objectives of the Firm: Theories-Behavioral Theories Optimum firm- Representation firm-Equilibrium firm, Large and Small firms factors determining optimum size: Pricing policies and practices- Theories of industrial location – Weber and sargeant Florence, Factors influencing location.

Unit –II Industrial Policies and Legislation

Objectives of Industrial Policies - Indian Companies Act 1956 and its Recent amendments - FEMA-protection to Indian Industries –Small Scale Enterprises –Role of SSI in Indian Economy- Problems and Government Measures –Small Scale Sector Policy -Laws relating to industrial relation and development in India.(EPZ, SEZ, Techno Parks and Industrial Corridor)

Unit –III Industrial Productivity

Measurement of Industrial Productivity – Labour – Capital – Scientific management:
Bureaucratic model -Administrative model-Taylor Vs Fayol in management evaluation-
Taylor’s principles of management- Rationalization –Automation.

Unit -IV Investment Decision

Analysis and Interpretation of financial statements –Fund flow statement and cash
flow statement – Inventory Management –Methods of inventory management: LIFO, FIFO,
ABC analysis and EOQ.

Unit - V Growth of Major Industries in India

Factors contributing to Industrial development - Iron and steel ,Cotton Textiles, jute,
sugar and Cement –Growth and problems of major industries in India – IT and ITES Industry
–Knowledge economy – Major issues in information technology – Growth and the present
state of IT industry in India.

Reference Books

1. Shivabhushan Gupta, (2016). *Industrial Economics*. (1st ed.). SBPD publications.
2. Barthwal, R.R. (1994). *Industrial Economics*.(1st ed.). New Age International Publishers.
3. Francis Cherunilum, (1989). *Industrial Economics*. (1st ed.). Himalaya Publishing House.
4. Gupta C.P. (2011). *Business Organisation & Management*. (1st ed.). New Delhi: Sultan Chand & Sons.
5. Roger Clarke, G. (1991). *Industrial Economics*. (1st ed.). Wiley Blackwell publishers.

SEMESTER - IV

CORE - XV: PUBLIC ECONOMICS

COURSE CODE: PF2044

Hours / Week	Credits	Total Hours	Marks
6	5	90	100

Objectives

1. To know the role of Government for the development of the economy.
2. To impart knowledge to the students regarding professional ethics.

Course Outcomes

Co. No	Course Outcomes	PSO addressed	CL
CO – 1	Develop a systematic under related to the concept of public economics	PSO - 8	An
CO - 2	Understand the expenditure, revenue, dept, of a public	PSO - 8	U
CO – 3	Develop knowledge on public budget and federal finance	PSO - 8	An
CO – 4	Distinguish the differences of the financial relationship between the centre and states in India	PSO – 8 PSO - 5	An
CO – 5	Identify the downfall of deficit financing	PSO - 8	Re

Unit -I Public Finance

Meaning, Concept, nature, scope and subject matter of Public Finance – Public Finance and Private Finance – Importance of Public Finance– Principles of Public Finance: Principle of Maximum Social Advantage – Theories of Public Goods: Musgrave’s view; Mrs. Hick’s view; Tests of Maximum Social Advantage

Unit -II Public Revenue

Meaning and significance of public Revenue; Sources and Classification of Public Revenue – Taxation – meaning; characteristics; objectives; canons and elements of Good Taxation - Kinds of taxes: Direct and Indirect Taxes, Value Added Tax (VAT) its advantages and disadvantages –GST- Effects of Taxation .Public Revenue and its Recent Trends.

Unit -III Public Expenditure

Meaning and scope of Public Expenditure; Role and Objectives of Public Expenditure Principles, Classifications and effects of Public Expenditure – Growth of Public expenditure and Recent Trends in India: Reasons for the growth of Public expenditure - Wagner’s views on publ expenditure; Wiseman Peacock Hypothesis - Pure Theory of Public Expenditure.

Unit -IV Public Debt and Deficit Financing

Meaning and causes; Private and Public Debt; Internal and external debt; Classification and Effects of Public Debt; Disadvantages of public debt – Public debt Management: Meaning and Principles of Public Debt Management – Disadvantages of Public Deb.

Deficit Financing: Meaning, Objectives and effects of deficit financing; Role of deficit financing in promoting economic development of a country; Limits and evil effects of deficit financing; Measures to check adverse effects of deficit financing-FRBM Act in India.

Unit -V Public Budget and Federal Finance

Meaning and definition of Budget; Characteristics, Objectives and Classification of Public Budget; Principles and Importance of Budgeting; Budgetary Procedure in India - Scope of performance budgeting in India – Zero Base Budgeting – Current Year Budget - Federal Finance:centre and the States financial relation in India-14th Finance Commission and its Recommendations.

Reference Books

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

SEMESTER IV

ELECTIVE - IV (a): RURAL DEVELOPMENT

COURSE CODE: PF2045

Hours / Week	No. of Credit	Total Hours	Marks
6	4	90	100

Objectives

1. To understand the rural poverty, indebtedness and special programme for rural development.
2. To improve sustainability in rural development.

Course Outcomes

Co. No	Course Outcomes	PSO addressed	CL
CO - 1	Describe the importance of rural development	PSO - 12	U
CO - 2	Identify the present problems of Rural industries	PSO - 11	Re
CO – 3	Analyse the causes and remedies of rural poverty	PSO - 2	An
CO – 4	Understand the role of SHG's in rural development	PSO - 12	U
CO - 5	Explain the Employment Guarantee Schemes and Rural Development programme	PSO - 12	U
CO – 6	Identify the current problems of Rural and regulated marketing	PSO - 11	Re

Unit –I Introduction

Introduction – Nature of rural economy – Concept of rural development – Scope and importance of rural development – V.M. Dandekar's approach to rural development – Dimensions of rural Development: Irrigation – Agrarian reforms – Rural Electrification – Rural transport.

Unit – II Rural Industries

Non – Farm Economy in Rural areas : Concepts and definitions of rural industries – Need and economic significance of rural industries – Current trends of KVI – Rural industries and employment generation – Rural industries and poverty alleviation – Role of KVIC in the development of rural industries –Development of Rural industries in the post liberalization period. Recent problems of rural industries in India- Remedies.

Unit – III Poverty and Unemployment

Poverty and Unemployment – Rural poverty: Nature, causes and remedies – Rural employment: Nature, causes and remedies – Rural indebtedness- Magnitude causes and Relief measures – Role of SHGs and Micro Finance in the context of Rural Development.

Unit – IV Schemes and Programmes of Rural Development

Objectives and Assessment – National Food for Works Programme – The Employment Assurance Schemes – Small Farmers Development Agency – Marginal farmers and agricultural labour – Khadi and Village Industries Development Schemes – Pradhan Mantri Fasal Bima Yojana – Rajeev Gandhi Grameen Vidyutikaram Yojana – The unorganized worker's social security act – Swarn Jayanti Gram Swarozgar Yojana – Mahatma Gandhi National Rural Employment Guarantee Scheme

Unit – V Rural Marketing

Rural Marketing – Marketing of rural products – Nature of rural marketing – Importance of rural marketing – Scientific marketing system – Recent trends in rural marketing in India – Current problems of rural marketing – Suggestions for improving rural marketing – Regulated market: Objectives – Features – Benefits – Problems and remedies of regulated marketing in India-Green Marketing in Rural Areas.

Reference Books

1. Shakuntala Devi, (1996). *Rural Credit and Agricultural Development*, New Delhi: Scrap & Sons.
2. Singh & Katar, (1999), *Rural Development – Principles, Policies and Management*, New Delhi: Sage Publication.
3. Lalitha, (2004), *Rural Development in India: Emerging Issues and Trends*, New Delhi: Vedams Publication.
4. Behera, M.C. (2004), *Globalization and Rural Development: Understanding New Development*, New Delhi: Vedams Publication.
5. Soundarapandian, (2004), *Rural Industries in India*, New Delhi: Mohit Publication.

SEMESTER IV
ELECTIVE - IV (b): DEMOGRAPHY
COURSE CODE: PF2046

Hours / Week	Credits	Total Hours	Marks
6	4	90	100

Objectives

1. To know India's demographic conditions and population policy.
2. To develop gender based education with professional ethics.

Course Outcomes

Co. No	Upon completion of M.A. degree programme, the post graduates will be able to :	PSO addressed	CL
CO - 1	understand and measures the fertility rate	PSO - 1	U
CO - 2	identify the impact of population growth and adopt the female participation in work force	PSO - 8	An
CO - 3	understand the basic concepts and definitions	PSO - 1	U
CO - 4	apply the theories and quantitative analysis to major areas of study within the discipline	PSO - 3	Ap

Unit – I Introduction

Mortality Measures – Crude and specific rates, Life tables – Factors effecting mortality -Mortality change and population growth. Fertility measures – Crude and specific rates, gross and non – reproductive rates, Factors affecting fertility – Study of fertility – attitude by special survey Mortality rate, fertility rate, reproductive rate and population growth in India.

Unit -II Composition of Population

Composition of population social economic composition - Relationship of age, sex and other compositional traits for economic and social organization- Composition of population in India. Effects of birth death rate and migration rate upon population.

Unit -III Population Growth

Basic principles of measurement of population growth – Estimates, census, vital registers and records of migration continuous population registration – Methods of population presentation- projection of population in India.

Unit -IV Demography Composition

Economically active population – Basic concept and definition – Impacts of demographic process on the composition and size of the labour force, Occupational and industrial composition of work force in relation to regional and international differences in economic development. Female participation in work force. A study of occupation, composition and female participation in India. Concept of Human Development.

Unit -V Implication of Population

Theories of demographic transition, Employment and manpower planning – Its significance and problems Measurement, incidence and implications of unemployment and underemployment with special reference to India. Implication of population changes for capital formation and employment in development in developing countries. Indian Census utility planning. NFH surveys

Reference Books

1. Asha, A. Bhende Tara Kanitkar. (2003). *Principles of Population Studies*. (16th ed.). Mumbai: Himalaya Publishing House.
2. Majumdar, P.K. (2013). *India's Demography*. Jaipur: Rawat Publications.
3. Samir Dasgupta. (2011). *Social Demography*. Pearson Publications.
4. Rajendran K. Sharma. (2007). *Demography and Population Problems*. Atlantic Publications.
5. Ram, F. (2011). *Population, Gender and Reproductive Health*. Jaipur: Rawat Publications.

SEMESTER - IV

ELECTIVE - IV (C): COMPUTER APPLICATIONS IN ECONOMICS

COURSE CODE: PF2047

Hours / Week	Credits	Total Hours	Marks
6	4	90	100

Objectives

1. To introduce the concepts of Information Technology
2. To educate the students to improve the skills towards career prospects.

Course Outcomes

Co. No	Course Outcomes	PSO addressed	CL
CO - 1	Identify applications of computer	PSO – 5	Re
CO – 2	Differentiate between input and output devices	PSO – 5	An
CO – 3	Detect utilities and elements of operating system	PSO – 5	An
CO - 4	Explain how to create document save and print a document	PSO – 5	U

Unit - I Fundamentals of Computer

History of computer – Definition of Computer – Types of computer –Generations of a computer- Applications of a computer – Computer as information system-Memory and types of memory- Characteristics of computers – Basic components of computer - Input-output devices-Computer and business.

Unit - II Software Concepts

Hardware and Software – Software concepts, Types of software system/application - Software needs, Role of a system software, Different system software, Utilities and elements of OS, Assemblers, Compilers, Interpreters, Computer languages, Generation of languages, Booting process, Types of Data processing, Batch processing, Online processing Distributed data processing - dos and windows.

Unit - III M.S - Office

Ms-Word: Creating document – Saving, printing a document. Finding and replacing a text – Styles – Header, Footers page formatting, Mail merge. Ms-Excel: Introduction – Creating spreadsheet & workbook –Entering Data– Copying and Moving Entries –Data display location –Printing work sheets –Creating Graphs. Ms -PowerPoint: Power point screen – Working with slides –Working with text – Colour schemes – Graphics –Saving and printing – Key board shortcuts.

Unit - IV Operating System and Windows

Operating System - Functions-Types – Dos – UNIX - Windows operating System. Uses of computer networks- Basic Network concepts, Types of networking -LAN, MAN, WAN, advantages of networks. Windows: Meaning - Working of windows - windows explorer - Working of control panel - Desk top in windows.

Unit - V Internet and E-Mail and E-Commerce

Internet – Evolution -Services of internet- Method of connecting- Web site -Getting and proving information from the Internet – Uses of Internet – Protocols of Internet-Intranet- Extranet - Introduction of E-Mail – E-Banking – E-Commerce – Reasons-Features - Importance Types. E-Business (preliminary).

References Books

1. Sinha, P.K. (1992). *Computer Fundamentals*. (1st ed.). New Delhi: BPB Publications.
2. Rajaraman, V. (2011). *Fundamentals of Computers*. (5th ed.). New Delhi: Prentice Hall of India.
3. Giri Courter, & Annette Marguis, (2000). *Micros Office 2000*. (1st ed.). New Delhi: BPB Publications.
4. Ananthi Sheshasaayee, G. (2013). *Computer Applications in Business and Management*. (9th ed.). Chennai: Margam Publication.
5. Rajaraman, V. & Neeharika Adabala. (2014). *Fundamentals of computers*. (6th ed.). New Delhi: PHI learning.

Semester IV
Life Skill Training (LST) – II
Values in Family Life - II
Course Code: LST202

No. of hours per week	Credit	Total no. of hours	Marks
1	1	30	100

Objectives:

- To recognize importance of marriage, diet and hygiene, role of working wife and mother.
- To develop skills necessary to cope up with family problems.

Course Outcomes (COs)

CO No.	<i>Upon completion of this course, the students will be able to:</i>	Cognitive Level
CO-1	compare marriages in different religion, problems of working wife and mother, family problem, barriers to good listening.	U
CO-2	analyse problems marriage relationship,	A
CO-3	apply the skills obtained through counselling for married life and to coping with family problem.	C

Unit I:

Marriage Preparation - Indian Culture - Stage of Preparation for Marriage - Myths before Marriage - Essential Values - Marriage Beatitudes Delayed and Late Marriage - Christian Marriage, Hindu Marriage and Muslim Marriage.

Unit II:

Working Wife and Mother - Pros and Cons - Health, Diet and Hygiene.

Unit III:

Marital Pathology, Breakdown, Counselling for Reconciliation - Principle Facilitating Relationship.

Unit IV:

Counselling - Definition - Process - Goals - Coping with Family Problem.

Unit V:

Counselor - Meaning - Characteristics - Assumption ship of the Helping Relation - Barriers to Good Listening - Guidelines to Listening - Problem Solving Process - Principles in Problem Solving.

Text Book:

Marie Mignon Mascarenhas, *Family Life Education*, A Publication of All India Association for Christian Higher Education, Bangalore.

**SELF LEARNING COURSE
DEMOGRAPHY
Sub. Code: PF20S1**

No. of Credit	Marks
4	100

OBJECTIVES

- To know about India's demographic conditions and population policy.

UNIT - I INTRODUCTION

Nature and scope of population studies - Development of population studies in India – Inter relationship between population studies and other disciplines – Sources of population data: Census, Vital Statistics or Registration of vital events, sample surveys, Dual Report system, population registers, International publications.

UNIT - II MIGRATION AND URBANIZATION

Concepts and types -temporary, Internal and international; **Factors affecting migration**; **methods of measuring Internal Migration**; **theories of migration**; **Urbanisation – growth and distribution of rural-urban population.**

UNIT - III DEMOGRAPHIC DATA BASE IN INDIA

Study of Census in India – Methodology and characteristics of census – National Family Health Survey – Population growth rate – Sex ratio – Age structure of population – Life expectancy – Fertility rate – factors affecting fertility –basic measures of fertility.

UNIT-IV POPULATION AND DEVELOPMENT WITH REFERENCE TO INDIA

Population, health, nutrition; **population and human development issues**; **Labour force- Definition of terms and concepts-method of measuring labour force.**

UNIT-V POPULATION POLICY IN INDIA

Evolution of population policy in India-methods of conception control Fertility influencing policies - **direct and indirect Anti - Natalist policies** - **Family planning programme** - **National population policy.**

Reference Books

1. Principles of Population studies – Asha Bhende & Tara Kanikar
2. Indian Population Problems - S.N. Agarwal
3. An Introduction to social Demography – M.K. Premi
4. Studies in Demography - S.C. Srivastava
5. Indian Population in Transition – C.B. Saxena
6. Studies in Demography – Aish Bose, P.B. Desai & S.P. Jain

SELF LEARNING COURSE
Semester IV
ECONOMICS OF TOURISM MANAGEMENT
Sub. Code: PF20S2

No. of Credit	Marks
3	100

OBJECTIVES

- To provide the students an in-depth view of the fundamentals of tourism.
- To provide an environment and to create an aptitude towards Tourism Research

Unit – I Introduction

Introduction – Objectives – Origin – Elements of Tourism – Basic components of Tourism – Types and Classification of Tourism

Unit – II Accommodation

Emergence of the Hotel – Types of Hotels – Supplementary Accommodation.

Unit – III Travel Agencies in Tourism

Organisation of Travel agencies – Travel agencies in India

Unit – IV Organisation of Tourism

Need for organization – Factors influencing organization – The National tourist organisation – Tourist organization in India.

Unit – V Indian Tourism Industry

Indian Tourism Industry – Economic gains and social gains – Environmental impact of Tourism.

Reference Books

1. Shashi Prabha Sharma, (2010). Tourism and environment. (2nd Edition). New Delhi, Kanish Publishers, Distributors.
2. Sharma, J.K. (2011). Tourism and Development. (1st Edition). New Delhi, Kanish Publishers, Distributors.
3. Bhatia, (2013). Tourism Development Principles and Practices. (2nd Edition). New Delhi, Sterling Publishers Private Ltd.
4. Julio Aramberri Richard Bulter, (2013). Aspects Tourism Development. (1st Edition). New Delhi, Viva (p) Ltd.
5. Kamra, K. (2013). Economics of Tourism Pricing, Impacts forecasting. (1st Edition). New Delhi, Kanishka publishers.

Local



National



Regional



Global



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