

Holy Cross College (Autonomous), Nagercoil
Kanyakumari District, Tamil Nadu.
Accredited with A⁺⁺ by NAAC - V Cycle (CGPA 3.53)

Affiliated to
Manonmaniam Sundaranar University, Tirunelveli



Semester I - VI

UG Guidelines & Syllabus

DEPARTMENT OF ECONOMICS



2023-2026
(With effect from the academic year 2025-2026)

Issued from
THE DEANS' OFFICE

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

Graduate Attributes

Graduates of our College develop the following attributes during the course of their studies.

➤ **Creative thinking:**

Equipping students with hands-on-training through skill-based courses and promote startup.

➤ **Personality development:**

Coping with increasing pace and change of modern life through value education, awareness on human rights, gender issues and giving counselling for the needful.

➤ **Environmental consciousness and social understanding:**

Reflecting upon green initiatives and understanding the responsibility to contribute to the society; promoting social and cultural diversity through student training and service-learning programmes.

➤ **Communicative competence:**

Offering effective communication skills in both professional and social contexts through bridge courses and activities of clubs and committees.

➤ **Aesthetic skills:**

Engaging mind, body and emotions for transformation through fine arts, meditation and exercise; enriching skills through certificate courses offered by Holy Cross Academy.

➤ **Research and knowledge enrichment:**

Getting in-depth knowledge in the specific area of study through relevant core papers; ability to create new understanding through the process of critical analysis and problem solving.

➤ **Professional ethics:**

Valuing honesty, fairness, respect, compassion and professional ethics among students. The students of social work adhere to the *National Association of Social Workers Code of Ethics*

➤ **Student engagement in the learning process:**

Obtaining extensive and varied opportunities to utilize and build upon the theoretical and empirical knowledge gained through workshops, seminars, conferences, industrial visits and summer internship programmes.

➤ **Employability:**

Enhancing students in their professional life through Entrepreneur development, Placement & Career guidance cell.

➤ **Women empowerment and leadership:**

Developing the capacity of self-management, team work, leadership and decision making through gender sensitization programmes.

Programme Educational Objectives (PEOs)

PEOs	Upon completion of B.A/B.Sc. degree programme, the graduates will be able to	Mapping with Mission
PEO1	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.	M1& M2
PEO2	inculcate practical knowledge for developing professional empowerment and entrepreneurship and societal services.	M2, M3, M4 & M5

PEO3	pursue lifelong learning and continuous improvement of the knowledge and skills with the highest professional and ethical standards.	M3, M4, M5 & M6
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Programme Outcomes (POs)

Pos	Upon completion of B.A. degree programme, the graduates will be able to:	Mapping with PEOs
PO1	obtain efficiently the knowledge and skills to face life challenges.	PEO1
PO2	implement the contributions of great thinkers/ writer/ activist and transform the society in accordance with local, national and global needs.	PEO1
PO3	enhance leadership qualities, team spirit and communication skills for a better developmental career.	PEO2
PO4	apply the comprehensive learning to attain self-confidence and self-reliance in their chosen career and higher education.	PEO2
PO5	communicate effectively and collaborate successfully with peers to become competent professionals.	PEO2 & PEO3
PO6	prioritize cultural, ethical and moral values through learning experiences for a sustainable development.	PEO2 & PEO3
PO7	participate in learning activities throughout life, through self-paced and self-directed learning to develop knowledge and skills.	PEO1 & PEO3

Programme Specific Outcomes (PSOs)

PSOs	Upon completion of B.A. Economics programme, the graduates will be able to:	Mapping with POs
PSO1	enable students to apply basic microeconomic, macroeconomic and monetary concepts and theories in real life and decision making.	PO1, PO2
PSO2	sensitize students to various economic issues related to Development, Growth, International Economics, Sustainable Development and Environment.	PO1, PO6
PSO3	familiarize students to the concepts and theories related to Finance, Investments and Modern Marketing.	PO2, PO3
PSO4	evaluate various social and economic problems in the society and develop answer to the problems as global citizens	PO4, PO7
PSO5	enhance skills of analytical and critical thinking to analyze	PO3, PO5

Mapping of POs and PSOs

Pos	PSO1	PSO 2	PSO3	PSO4	PSO5
PO1	S	S	S	S	S
PO2	S	M	S	S	M
PO3	S	M	S	S	S
PO4	S	S	S	S	S
PO5	S	S	S	M	S
PO6	S	M	S	S	S
PO7	S	S	S	M	S

Strong -S (3), Medium – M (2), Low – L (1)**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 (Core Courses and Elective Courses)

Core Courses	Core – Theory Papers	14x100	1400
	Discipline Elective – Theory Papers	4x100	400
	Core Project	1x100	100
	Total marks		1900
Elective Courses	Theory	4x100	400
	Total Marks		400
Part III – Total marks			2300

**Course Structure
Distribution of Hours and Credits**

Curricular Courses

Course	S I	S II	S III	S IV	S V	S VI	Total	
							Hours	Credits
Part I –Language	6 (3)	6 (3)	6 (3)	6 (3)	-	-	24	12
Part II-English	6 (3)	6 (3)	6 (3)	6 (3)	-	-	24	12
Part-III								
Core Course	4 (4) 4 (4)	4 (4) 4 (4)	4 (4) 4 (4)	4 (4) 4 (4)	5 (4)+ 5 (4)+ 5 (4)+	6(5)+ 6(5)+ 6(4)	70	62
Core Research Project					5 (4)			
Elective /Discipline Specific Elective Courses	6 (5)	6 (5)	6 (5)	6 (5)	4(3) 4 (3)	5(3) 5(3)	42	32
Part IV								
Non-major Elective	2 (2)	2 (2)	-	-	-	-	4	4
Skill Enhancement Course	-	2 (2)	2 (2) 2 (2)	2 (2)	-		8	8
Foundation Course	2(2)	-	-	-	-	-	2	2
Environmental Studies	-	-		2(2)	-	-	2	2
Internship	-	-	-	-	(2)	-	-	2
Professional Competency Skill					2(2)	2 (2)	4	4
Total	30 (23)	30 (23)	30 (23)	30 (23)	30 (26)	30 (22)	180	140

Co-curricular Courses

Course	S I	S II	S III	S IV	S V	S VI	Total
LST (Life Skill Training)	-	(1)	-	(1)			2
Skill Development Training (Certificate Course)	(1)						1
Field Project		(1)					1
Specific Value-added Course	(1)		(1)				2
Generic Value-added Course				(1)		(1)	2

MOOC	(2)						2
Student Training Activity: Clubs & Committees / NSS				(1)			1
Community Engagement Activity: RUN				(1)			1
Human Rights, Justice and Ethics					(1)		1
Gender Equity and Inclusivity						(1)	1
Total							14

Total number of Compulsory Credits = Curricular credits + Co-curricular credits: **140 + 14**

COURSES OFFERED

SEMESTER I

Course	Course Code	Title of the Course	Credits	Hours/Week
Part I	TU231TL1 FU231FL1	Language: Tamil French	3	6
Part II	EU241EL1	English: A Stream	3	6
	EU241EL2	English: B Stream		
	EU241EL3	English: C Stream		
Part III	FU231CC1	Core Course I: Micro Economics I	5	5
	FU231CC2	Core Course II: Statistics for Economics - I	5	5
	FU231EC1	Elective Course I: Introduction to Sociology	3	4
Part IV	FU231NM1	Non-Major Elective NME I : Demography	2	2
	FU231FC1	Foundation Course: Business Communication	2	2
Total			23	30

SEMESTER II

Course	Course Code	Title of the Course	Credits	Hours/Week
Part I	TU232TL1 FU232FL1	Language: Tamil French	3	6
Part II	EU242EL1	English: A Stream	3	6
	EU242EL2	English: B Stream		
	EU242EL3	English: C Stream		
Part III	FU232CC1	Core Course III: Micro Economics - II	5	5
	FU232CC2	Core Course IV: Statistics for Economics - II	5	5
	FU232EC1	Elective Course II: Introduction to E-Commerce	3	4
Part IV	FU232NM1	Non-Major Elective NME II: Economics for Investors	2	2
	FU232SE1	Skill Enhancement Course SEC I: Computer Application in Economics	2	2
	Total		23	30

SEMESTER III

Course	Course Code	Title of the Course	Credits	Hours/ Week
Part I	TU233TL1 FU233FL1	Language: Tamil French	3	6
Part II	EU243EL1	English: A Stream	3	6
	EU243EL2	English: B Stream		
	EU243EL3	English: C Stream		
Part III	FU233CC1	Core Course V: Macro Economics - I	5	5
	FU233CC2	Core Course VI: Mathematics for Economics	5	5
	FU233EC1	Elective Course III: Rural Economics	3	4
Part IV	FU233SE1	Skill Enhancement Course SEC - II: Indian Agriculture	2	2
	UG23CSE2	Skill Enhancement Course SEC - IV: Digital Fluency	2	2
		Total	23	30

SEMESTER IV

Course	Course Code	Title of the Course	Credits	Hours/ Week
Part I	TU234TL1FU 234FL1	Language: Tamil French	3	6
Part II	EU244EL1	English: A Stream	3	6
	EU244EL2	English: B Stream		
	EU244EL3	English: C Stream		
Part III	FU234CC1	Core Course VII: Macro Economics - II	5	5
	FU234CC2	Core Course VIII: Indian Economy	5	5
	FU234EC1	Elective Course IV: Research Methods in Economics	3	4
Part IV	UG23CSE1	Skill Enhancement Course SEC – III: Fitness for Wellbeing	2	2
	UG234EV1	Environmental Studies (EVS)	2	2
		Total	23	30

SEMESTER V

Course	Course Code	Title of the Course	Credits	Hours/ Week
Part III	FU235CC1	Core Course IX: Monetary Economics	4	5
	FU235CC2	Core Course X: Fiscal Economics	4	5
	FU235CC3	Core Course XI: Agricultural Economics	4	5
	FU235RP1	Core Research Project	4	5

	FU235DE1	Discipline Specific Elective I: a) Tamil Nadu Economy	3	4
	FU235DE2	Discipline Specific Elective I: b) Managerial Economics		
	FU235DE3	Discipline Specific Elective I: c) Fundamentals of Management		
	FU235DE4	Discipline Specific Elective II: a) History of Economic Thought	3	4
	FU235DE5	Discipline Specific Elective II: b) Gender Economics		
	FU235DE6	Discipline Specific Elective II :c) Principles of Marketing		
Part IV	UG235PS1	Professional Competency Skill I: Career Skills	2	2
	FU235IS1	Internship	2	-
		Total	26	30

SEMESTER VI

Course	Course Code	Title of the Course	Credits	Hours/Week
Part III	FU236CC1	Core Course XII: International Economics	5	6
	FU236CC2	Core Course XIII: Development Economics	5	6
	FU236CC3	Core Course XIV: Industrial Economics	4	6
	FU236DE1	Discipline Specific Elective III: a) Behavioral Economics	3	5
	FU236DE2	Discipline Specific Elective III: b) Environmental Economics		
	FU236DE3	Discipline Specific Elective III: c) Economics of Tourism		
	FU236DE4	Discipline Specific Elective IV: a) Financial Markets and Institutions	3	5
	FU236DE5	Discipline Specific Elective IV: b) Modern Banking and Insurance		
	FU236DE6	Discipline Specific Elective IV: c) Health Economics		
	FU236PS1	Professional Competency Skill II: Data Analytics using Advanced Excel for Economics	2	2
Total			22	30
TOTAL			140	180

Co-Curricular Courses

Part	Semester	Code	Title of the Course	Credit
Part V	I & II	UG232LC1	Life Skill Training I: Catechism	1
		UG232LM1	Life Skill Training I: Moral	
	I	UG231C01 – UG231C--	Skill Development Training (SDT) - Certificate Course	1
	II	FU232FP1	Field Project	1
	I & III	FU231V01- FU231V--/ FU233V01 – FU233V--	Specific Value-added Course	1+1
	VI	UG236OC1 & UG236OC2	MOOC	2
	III & IV	UG234LC1	Life Skill Training II: Catechism	1
		UG234LM1	Life Skill Training II: Moral	
	IV & VI	GVAC2401- GVAC24--	Generic Value-added Course	1 +1
	I – IV	UG234ST1	Student Training Activity – Clubs & Committees / NSS	1
	IV	UG234CE1	Community Engagement Activity – RUN	1
	V	UG235HR1	Human Rights, Justice and Ethics	1
	VI	UG236GE1	Gender Equity and Inclusivity	1
			Total	14

Specific Value-added Courses

Semester	Course Code	Title of the Course	Credits	Total Hours
1	FU231V01	Co-Operative Development	1	30
I	FU231V02	Human Resource Management	1	30
I	FU231V03	Media Economics	1	30
III	FU233V01	Basic Accountancy	1	30
III	FU233V02	Behavioural Economics	1	30
III	FU233V03	Urban Economics	1	30

Self-Learning Courses

Semester	Course Code	Title of the Course	Credits
III / V	FU233SL1/FU235SL1	Economics of Tourism	1
IV/ VI	FU234SL1/FU236SL1	Event Management	1

Examination Pattern

Each paper carries an internal component. There is a passing minimum for external component. A minimum of 40% in the external examination and an aggregate of 40% is required.

i. Part I – Tamil, Part II – English, Part III - (Core Course/ Elective Course)

Ratio of Internal and External= 25:75

Continuous Internal Assessment (CIA)**Internal Components and Distribution of Marks**

Components	Marks
Internal test (2) - 40 marks	10
Quiz (2) - 20 marks	5

Assignment: (Model Making, Exhibition, Role Play, Seminar, Group Discussion, Problem Solving, Class Test, Open Book Test etc. (Minimum three items per course should be included in the syllabus & teaching plan) (30 marks)	10
Total	25

Question Pattern

Internal Test	Marks	External Exam	Marks
Part A 4 x 1 (No choice)	4	Part A 10 x 1 (No choice)	10
Part B 2 x 6 (Internal choice)	12	Part B 5 x 6 (Internal choice)	30
Part C 2 x 12 (Internal choice)	24	Part C 5 x 12 (Internal choice)	60
Total	40	Total	100

ii. Lab Course:

Ratio of Internal and External= 25:75

Total: 100 marks

Internal Components and Distribution of Marks

Internal Components	Marks
Performance of the Experiments	10
Regularity in attending practical and submission of records	5
Record	5
Model exam	5
Total	25

Question pattern

External Exam	Marks
Major Practical	75
Minor Practical / Spotters / Record	
Total	75

Core Research Project

Ratio of Internal and External = 25:75

Components	Marks
Internal	25
External	
Core Research Project Report	40
Viva voce	35
Total	100

Part - IV**i. Non-major Elective, Skill Enhancement Course I & II, Foundation Course and Professional Competency Skill**

Ratio of Internal and External = 25: 75

Internal Components and Distribution of Marks

Components	Marks
Internal test (2) – 25 marks	10
Quiz (2) – 20 marks	5
Assignment: (Model Making, Exhibition, Role Play, Album, Group Activity, etc. (Minimum three items per course)	10
Total	25

Question Pattern

Internal Test	Marks	External Exam	Marks
Part A 2 x 2 (No Choice)	4	Part A 5 x 2 (No Choice)	10

Part B 3 x 4 (Open choice Three out of Five)	12	Part B 5 x 4 (Open choice any Five out of Eight)	20
Part C 1 x 9 (Open choice One out of Three)	9	Part C 5 x 9 (Open choice any Five out of Eight)	45
Total	25	Total	75

ii. Skill Enhancement Course III & IV

Digital Fluency

Components	Marks
Internal	
Quiz (15 x 1)	15
Lab Assessment (5 x 2)	10
Total	25
External	
Practical (2 x 25)	50
Procedure	25
Total	75

Fitness and Wellbeing

Components	Marks
Internal	
Quiz (15 x 1)	15
Exercise (2 x 5)	10
Total	25
External	
Written Test: Part A: Open choice – 5 out of 8 questions (5 x 5)	25
Part B: Open choice – 5 out of 8 questions (5 x 10)	50
Total	75

iii. Environmental Studies

Internal Components	Marks
Project Report	15
Viva voce	10
Total	25

External Exam	Marks
Part A 5 x 2 (No Choice)	10
Part B 5 x 4 (Open choice any Five out of Eight)	20
Part C 5 x 9 (Open choice any Five out of Eight)	45
Total	75

iv. Internship

Components	Marks
Industry Contribution	50
Report & Viva-voce	50
Total	100

v. Professional Competency Skill

Internal Components	Marks
Test – 20 marks	5
Individual Activity	10
Group Activity	10
Total	25
External Exam	Marks
Part A 5 x 2 (No Choice)	10
Part B 5 x 4 (Open choice any Five out of Eight)	20
Part C 5 x 9 (Open choice any Five out of Eight)	45
Total	75

Co-Curricular Courses:**Life Skill Training: Catechism & Moral****Human Rights, Justice and Ethics****Gender Equity and Inclusivity****i. Internal Components**

Component	Marks
Project - Album on current issues	25
Group Activity	25
Total	50

External Components

Component	Marks
Written Test: Open choice – 5 out of 8 questions (5 x 10)	50
Total	50

ii. Skill Development Training - Certificate Course:

Components	Marks
Attendance & Participation	50
Skill Test	50
Total	100

iii. Field Project:

Components	Marks
Field Work	50
Field Project Report & Viva-voce	50
Total	100

iv. Specific Value-Added Courses & Generic Value-Added Courses:

Components	Marks
Internal	25
External	75
Total	100

v. Student Training Activity: Clubs and Committees

Compulsory for all I & II year students (1 credit).

Component	Marks
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Attendance	25
Participation	75
Total	100

vi. **Community Engagement Activity: Reaching the Unreached Neighbourhood (RUN)**

Components	Marks
Attendance & Participation	50
Field Project	50
Total	100

vii. **Self-Learning Course**

Internal Test	Marks	External Exam	Marks
Part A 5 x1 (No choice)	5	Part A 10 x1 (No choice)	10
Part B 2x3 (Internal choice)	6	Part B 5x5 (Internal choice)	25
Part C 2x7 (Internal choice)	14	Part C 5x8 (Internal choice)	40
Total	25	Total	75

Outcome Based Education (OBE)(i) **Knowledge levels for assessment of Outcomes based on Blooms Taxonomy**

S. No.	Level	Parameter	Description
1	K1	Knowledge/Remembering	It is the ability to remember the previously learned
2	K2	Comprehension/Understanding	The learner explains ideas or concepts
3	K3	Application/Applying	The learner uses information in a new way
4	K4	Analysis/Analysing	The learner distinguishes among different parts
5	K5	Evaluation/Evaluating	The learner justifies a stand or decision
6	K6	Synthesis /Creating	The learner creates a new product or point of view

(ii) **Weightage of K – Levels in Question Paper****Number of questions for each cognitive level:**

Programme	Assessment	Lower Order Thinking									Higher order thinking			Total number of questions
		K1			K2			K3			K4, K5, K6			
	Part	A	B	C	A	B	C	A	B	C	A	B	C	
I UG	Internal	1	1	-	1	1	1	1	1	1	-	-	-	8
	External	3	2	1	3	2	2	3	2	2		-	-	20
II UG	Internal	1	-	-	1	1	-	1	1	1	1	1	-	8
	External	2	1	1	2	2	2	2	2	2	2	1	1	20
III UG	Internal	1	-	-	1	-	1	1	1	1	1	1	-	8
	External	2	1	1	2	1	2	2	2	2	2	2	1	20

The levels of assessment are flexible and it should assess the cognitive levels and outcome attainment.

Evaluation

- The performance of a student in each course is evaluated in terms of percentage of marks with a provision for conversion to grade points.
- Evaluation of each course shall be done by Continuous Internal Assessment (CIA) by the course teacher as well as by an end semester examination and will be consolidated at the end of the semester.
- There shall be examinations at the end of each semester, for odd semesters in

October/November; for even semesters in April/ May.

- v. A candidate who does not pass the examination in any course(s) shall be permitted to reappear in such failed course(s) in the subsequent examinations to be held in October/ November or April/May. However, candidates who have arrears in practical examination shall be permitted to reappear for their areas only along with regular practical examinations in the respective semester.
- vi. Viva-voce: Each project group shall be required to appear for Viva -voce examination in defence of the project.
- vii. The results of all the examinations will be published in the college website.

Conferment of Bachelor's Degree

A candidate shall be eligible for the conferment of the Degree of Bachelor of Arts / Science / Commerce only if the minimum required credits for the programme thereof (140 + 18 credits) is earned.

Grading System

For the Semester Examination:

Calculation of Grade Point Average for End Semester Examination:

$$\text{GPA} = \frac{\text{Sum of the multiplication of grade points by the credits of the course}}{\text{Sum of the credits of the courses (passed) in a semester}}$$

For the entire programme:

Cumulative Grade Point Average (CGPA) $\frac{\sum_n \sum_i C_{ni} G_{ni}}{\sum_n \sum_i C_{ni}}$

$$\text{CGPA} = \frac{\text{Sum of the multiplication of grade points by the credits of the entire programme}}{\text{Sum of the credits of the courses of the entire programme}}$$

where

- C_i - Credits earned for course i in any semester
 G_i - Grade point obtained for course i in any semester
 n - semester in which such courses were credited

Final Result

Conversion of Marks to Grade Points and Letter Grade

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

Overall Performance

CGPA	Grade	Classification of Final Result
9.5-10.0	O+	First Class – Exemplary*
9.0 and above but below 9.5	O	
8.5 and above but below 9.0	D++	
8.0 and above but below 8.5	D+	First Class with Distinction*
7.5 and above but below 8.0	D	
7.0 and above but below 7.5	A++	
6.5 and above but below 7.0	A+	First Class
6.0 and above but below 6.5	A	

5.5 and above but below 6.0	B+	Second Class
5.0 and above but below 5.5	B	
4.0 and above but below 5.0	C	Third Class
0.0 and above but below 4.0	U	Re-appear

*The candidates who have passed in the first appearance and within the prescribed semester are eligible for the same.

SEMESTER I
CORE COURSE I: MICRO ECONOMICS-I

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FU231CC1	5	-	-	-	5	5	75	25	75	100

Pre-requisite:

Students should have the knowledge of basic Economics

Learning Objectives:

1. To equip the economic behaviors of individual units of the society.
2. To impart knowledge on demand and supply concepts

Course Outcomes

On the successful completion of the course, student will be able to:		
1.	remember the basic concepts and the need for the study of Micro Economics	K1& K2
2.	identify the types of utility and consumer behavior	K1& K2
3.	explain the various market equilibrium, Demand and Supply Functions	K2& K3
4.	understand the meaning of production functions	K2& K3
5.	present the theory of firms, cost and revenue	K2& K3

K1-Remember; K2-Understand;K3 -Apply

Unit	Contents	No. of Hours
I	Basic Concepts Definitions of Economics–Nature and Scope of Micro economics– Positive and Normative Approaches–Inductive and Deductive Approaches- Consumers and Firms–Decision Making–Rationality: Self-Interest– Trade-offs –Fundamental Economic Problems–Market Mechanism and Resource Allocation.	15
II	Utility Analysis Utility–Ordinal and Cardinal Utility–Total and Marginal Utility – Law of Diminishing Marginal Utility–Law of Equi-Marginal Utility–Indifference Curves–Properties–Marginal Rate of Substitution- Budget Line–Price and Substitution Effects–Optimal Consumer Choice–Revealed Preference Theory–Samuelson and Hicks’ Approach	15
III	Demand and Supply Analysis Demand–Types of Goods–Law of Demand–Determinants–Exceptions – Giffen Paradox – Veblen Effect- Elasticity of Demand: Types–Engel’s Law–Supply–Law of Supply–Determinants–Elasticity of Supply and its Types- Market Equilibrium –Consumer Surplus and Producer Surplus	15
IV	Production Analysis Production Function– Law of Variable Proportions- Laws of Returns to Scale–Iso-quant’s–Types of Production Function – Cobb -Douglas and Constant Elasticity of Substitution (CES) Production Function–Economies and Diseconomies of Scale	15
V	Cost and Revenue Concepts Costs – Fixed and Variable Costs - Average, Marginal, and Total Costs –Short Run and Long Run Costs – Implicit, Explicit, Sunk and Imputed Cost–Revenue–Total, Average and Marginal Revenue–Relationship Between AR, MR and Elasticity of Demand–Profit Maximization Rule.	15
	Total	75

Self-study	Relationship between AR and MR
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Textbooks

1. Ahuja H.L(2016) Principles of Microeconomics, S. Chand
2. Robert Pindyck and Daniel L. Rubinfeld, (2001)Micro Economics, Macmillan

Reference Books

1. Koutsoyiannis (2003),Modern Microeconomics Palgrave Macmillan (UK) 2nd Edition.
2. Gregory Mankiw (2012), Principles of Microeconomics, Cengage India.
3. Gregory Mankiw (2012), Principles of Microeconomics, Cengage India.
4. Dwivedi,D.N(2002),Microeconomics:TheoryandApplications,2nded.,Pearson
5. Ferguson C.E.(1970), Micro Economic Theory,(Home wood, U.S.A)

Web Resources

1. <http://www.econlib.org/library/enc/microeconomics.html>
2. <https://www.tutor2u.net/economics>
3. <https://www.economicsnetwork.ac.uk/>
4. <https://www.cliffsnotes.com/study-guides/economics/introduction/microeconomics>

MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	2	2	3	2	3	3	3	2	2
CO2	2	3	2	2	3	2	2	3	3	2	2	2
CO3	3	2	3	2	3	2	2	3	3	3	3	3
CO4	2	3	2	2	2	2	3	3	3	3	2	2
CO5	3	3	3	2	3	3	3	3	3	3	2	2
TOTAL	13	14	13	10	13	12	12	15	15	14	11	11
AVERAGE	2.6	2.8	2.6	2	2.6	2.4	2.4	3	3	2.8	2.2	2.2

3– Strong, 2-Medium, 1-Low

SEMESTER I
CORE COURSE II: STATISTICS FOR ECONOMICS-I

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FU231CC2	5	-	-	-	5	5	75	25	75	100

Prerequisite:

Students should have the knowledge of basic Statistics

Learning Objectives:

1. To know the nature and scope of statistics and its applications
2. To impart knowledge on Collection, Classification, Analyzing and Presentation of data.

Course Outcomes

On the successful completion of the course, student will be able to:		
1.	understand the overview of statistics and basic knowledge of statistical tools.	K1& K2
2.	differentiate Types of Data and its Classification	K1& K2
3.	explain the concept of Averages and its application	K2& K3
4.	know the concept of Dispersion and its application	K2& K3
5.	Calculate Correlation and estimate values using Regression	K2& K3

K1-Remember; K2-Understand;K3 -Apply

Units	Contents	No.of Hours
I	Introduction and Collection of Data Introduction – Nature and Scope of Statistics – Uses and Limitations of Statistics – Data Collection – Primary and Secondary Data–Tools for collecting Primary Data–Requisites of Good Questionnaire–Sources of Secondary Data.	15
II	Classification and Presentation of Data Classification and Tabulation of Data–Types-Frequency Distribution — Cumulative Frequency Distribution- Class Interval –Diagrams–Types-Graphical Representation–Histogram– Frequency Polygon-Ogive Curve-Lorenz Curve.	15
III	Measures of Central Tendency Measures of Central Tendency-Requisites of a Good Average–Arithmetic Mean, Median, and Mode–Relative Merits and Demerits.	15
IV	Measures of Dispersion Absolute and Relative Measures of Dispersion–Range–Quartile Deviation– Mean Deviation–Standard Deviation–Variance- Coefficient of Variation–Skewness and Kurtosis.	15
V	Correlation and Regression Correlation – Types of Correlation – Methods -Karl Pearson's Co-efficient of Correlation–Spearman's Rank Correlation–Regression Equations– Distinction between Correlation and Regression Analysis.	15
	Total	75

Self study	Distinction between Correlation and Regression analysis
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Textbooks

1. Gupta. S.P (2005) Statistical Methods, Sultan Chand and Sons, New Delhi.
2. Pillai R.S.N. and Bagavathi V. (2010), Statistics, Sultan Chand and Sons, New Delhi

Reference Books

1. Saxena H.C,(2016) Elementary Statistics, S Chand and Company New Delhi.
2. Elhance D.N, (2004), Fundamentals of Statistics Kitab Mahal, NewDelhi
3. ManoharanM (2010),“Statistical Methods”, Palani Paramount Publications, Palani.
Sancheti. D.C and Kapoor V.K(2005) Statistical Theory Method and Application, Sultan Chand and Sons, New Delhi.
4. Sachdeva.S (2014) Statistics-Lakshmi Narain Agarwal.

Web Resources

1. <https://www.cuemath.com/data/statistics/>
2. <https://stattrek.com/statistics/resources>
3. <https://testbook.co/learn/maths-mean-median-mode/>
4. <https://www.statistics.com/>
5. <https://thisisstatistics.org/students/>

MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO 5
CO1	3	2	3	3	2	3	2	3	3	3	3	3
CO2	3	2	3	3	3	2	2	3	3	3	3	3
CO3	3	2	3	3	3	2	2	3	3	3	3	3
CO4	3	2	3	3	2	2	2	3	3	3	3	3
CO5	3	2	3	3	3	2	2	3	3	3	3	3
TOTAL	15	10	15	15	13	11	10	15	15	15	15	15
AVERAGE	3	2	3	3	2.6	2.2	2	3	3	3	3	3

3– Strong,2-Medium,1-Low

SEMESTER I
ELECTIVE COURSE I: INTRODUCTION TO SOCIOLOGY

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FU231EC1	4	-	-	-	3	4	60	25	75	100

Pre-requisite:

Students should have the knowledge on Sociology

Learning Objectives:

1. To understand the nature and scope of sociology and its development
2. To know the social change, evolution and revolution

Course Outcomes

On the successful completion of the course, student will be able to:		
1.	understand the contributions of sociologists in the field of sociology	K1& K2
2.	understand the basic aspects of Sociology	K1& K2
3.	examine the impact to individuals, groups and society	K2& K3
4.	understand the dimensions of social stratification	K2& K3
5.	analyze and design Policy for social change	K2& K3

K1-Remember;K2-Understand;K3 -Apply

Unit	Contents	No. of Hours
I	Introduction Definition – Nature and Scope of Sociology –Origins and development of Sociology–Founding fathers and their contributions:AugusteComte,HerbertSpencer,KarlMarx,EmileDurkheimand Max Weber–Sociology and other social sciences	12
II	Basic Concepts of Sociology Society,Community,Institutions,Association,SocialStructure,StatusRole, Norms,andValues;FolkwaysandMores,AssociativeandDissociativeprocesses–Cooperation-Assimilation-Accommodation-Competition and Conflict	12
III	Individual and Society IndividualandSociety-Socialization-StagesandAgenciesofSocialization-TypesofGroups–PrimaryandSecondaryGroups, In-Group and Out-group, Reference Group.	12
IV	Social Stratification Social Stratification: Meaning, Definition and Dimensions–Social mobility and its determinants.	12
V	Social Change Meaning and Types: Evolution and Revolution, Progress and Development— Factors of Social Change-Culture and Civilization	12
	Total	60

Self study	Factors of Social Change-Culture and Civilization
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Textbooks

1. Bottomore,T.B. (1972).Sociology: A guide to problems and literature. Bombay.
2. Jayaram,N. (1988).Introductory sociology. Madras: Macmillan India.

Reference Books

1. George Allen and Unwin (India).Harlambos,M.(1998).Sociology: Themes and

- perspectives. New Delhi: Oxford University Press.
- Inkeles, Alex. (1987). What is sociology? New Delhi: Prentice-Hall of India.
 - Johnson, Harry M. (1995). Sociology: A systematic introduction. New Delhi: Allied Publishers.
 - Bhende, A. and T.R. Kanitkar (1982), Principles of Population Studies, Himalaya Publishing House, Bombay.
 - Bogue, D.J. (1969), Principles of Demography, John Wiley, New York

Web Resources

- <https://data.worldbank.org/indicator/SP.POP.TOTL>
- <https://www.iom.int/>
- <https://libguides.humdolt.edu>
- <https://openstax.org/books/introduction-sociology-3e/>
- <https://www.sociologygroup.com/important-books-free-notes-sociology-optional/>

**MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC
OUTCOMES**

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	2	3	3	2	3	2	3	2	2	3	3
CO2	3	2	3	3	3	2	2	3	2	2	3	2
CO3	3	2	3	3	3	2	2	3	2	2	3	2
CO4	2	2	3	3	2	2	2	3	2	2	3	2
CO5	3	2	3	3	3	2	2	3	2	2	3	2
TOTAL	13	10	15	15	13	11	10	15	10	10	15	11
AVERAGE	2.6	2	3	3	2.6	2.2	2	3	2	2	3	2.2

3– Strong, 2–Medium, 1–Low

SEMESTER I
NON-MAJOR ELECTIVE I (NME): DEMOGRAPHY

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FU231NM1	2	-	-	-	2	2	30	25	75	100

Pre-requisite:

Students should have the ability to explore in Demography system

Learning Objectives:

- 1.To understand the meaning and scope of demography
- 2.To discuss the basic concepts of demographic measurements.

Course Outcomes

On the successful completion of the course, student will be able to:		
1.	describe the various theories of population growth	K1& K2
2.	understand demographic indicators	K1& K2
3.	assess the causes and impact of migration on rural-urban population distribution	K2& K3
4.	analyse the major demographic trends and their determinants	K2& K3
5.	evaluate population policy of india and analyse recent trends.	K2& K3

K1-Remember;K2-Understand;K3 -Apply

Unit	Contents	No. of Hours
I	Introduction Meaning Scope of Demography–Components of Population Growth–Theories of Population: Malthusian Theory, Optimum Theory and Theory of Demographic Transition.	6
II	Birth Rate, Death Rate and Fertility Census Data - Life Tables: Meaning and Uses – Reproductive and Child Health in India – Temporal and Spatial Variation in Sex Ratios– Crude Birth and Death Rate-Age Specific Birth and Death Rates–Standardized Birth and Death Rates–Fertility–Total Fertility Rate– Gross Reproduction Rate– Net Reproduction Rate	6
III	Migration and Urbanisation Migration and Urbanisation–Concept-Types of Migration-Effects of Migration and Urbanisation on Population—Recent Trends in Migration.	6
IV	Population Trends Population Trends–International Aspects of Population Growth and Distribution– Population and Environment Pattern of Age and Sex Structure in Developed and Developing Countries–Age Pyramids and Projections.	6
V	Population Policy in India Population Policy in India and its Evaluation–Population and Strategies for Human Development of Different Social Groups – National Population Commission– Demographic Dividend– National Youth Policy.	6
	Total	30
Self study		National Youth Policy

Textbooks

1. Jhingan, M.L, B.K. Bhatt, J.N. Desan (2003) Demography, Vrinda Publications, New Delhi
2. Rajendra K.Sharma(2007), Demography and Population Problems, Atlantic Publishers and Distributors Pvt. Ltd.

Reference Books

1. Agarwala S.N.(1985),India's Population Problem, Tata McGraw-Hill, Bombay.
2. Bhende, A.and T.R.Kanitkar(1982), Principles of Population Studies, Himalaya Publishing House, Bombay.
3. Bogue, D.J.(1969), Principles of Demography, John Wiley, New York
4. Sarah Harper(2018), Demography: A Very Short Introduction, Oxford Press2018.
5. Peter R. Cox, Demography-5thEdition, Cambridge University Press.

Web Resources

1. <https://data.worldbank.org/indicator/SP.POP.TOTL>
2. <https://www.iom.int/>
3. <https://censusindia.gov.in>
4. <https://www.nationalgeographic.org/encyclopedia/demography/>
5. <https://www.nature.com/scitable/knowledge/library/introduction-to-population-demographics-83032908/>

MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	2	3	3	2	3	2	3	3	3	2	2
CO2	3	2	3	3	3	2	2	3	3	3	2	2
CO3	3	2	3	3	3	2	2	3	3	3	3	3
CO4	2	2	3	3	2	2	2	3	2	2	3	3
CO5	3	2	3	3	3	2	2	3	3	3	3	3
TOTAL	13	10	15	15	13	11	10	15	14	14	13	13
AVERAGE	2.6	2	3	3	2.6	2.2	2	3	2.8	2.8	2.6	2.6

3– Strong,2-Medium,1-Low

SEMESTER I
FOUNDATION COURSE: BUSINESS COMMUNICATION

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FU231FC1	2	-	-	-	2	2	30	25	75	100

Pre-requisite:

Students should have the basic knowledge about Business Communication

Learning Objectives:

1. To know the meaning objectives and role of communication and media
2. To understand the need and importance of communication in management

Course Outcomes

On the successful completion of the course, student will be able to:		
1.	understand the basics of communication and its Process, Elements, and its importance.	K1& K2
2.	acquire communication skills.	K1& K2
3.	employ the art of report preparation and writing Business Letters	K2& K3
4.	use appropriate technology for business presentations and digital communication and write E-mails in a structured pattern.	K2& K3
5.	employ the art of report reparation	K2& K3

K1-Remember;K2-Understand;K3 -Apply

Unit	Contents	No. of Hours
I	Communication Communication: Meaning and Definition- Objectives-Role of Communication– Process and Elements of Communication- Communication Networks-Types and Media of Communication– Barriers to Communication-Characteristics for Successful Communication	6
II	Communication in Management Management and Communication: Need and Importance of Communication in Management–Corporate Communication- Communication Training for Managers-Communication Structure in an Organization.	6
III	Business Letters Business Letter: Need – Functions – Kinds – Essentials of effective Business Letter - Language and Layout– Planning, Enquiries and Replies- Sales Letter-Orders, Tender and Notice-Complaints- Letter of Appointment.	6
IV	Correspondence Correspondence: Bank Correspondence-Insurance Correspondence– Agency Correspondence-Import-Export Correspondence	6
V	Report Writing Report Writing: Meaning and Importance-Purpose-Types of Business Reports-Characteristics of a Good Report-Report Preparation-Report by Individual and Committees-Agenda and Minutes of Meeting.	6
	Total	30

Self study	Agenda and Minutes of Meeting
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Textbooks

1. Korlahalli, J.S., & Pal,R.(1979) Essentials of Business Communication. S.Chand, New Delhi.
2. Kaul A, (2015) Effective Business Communication. Second Edition Prentice Hall India Learning Private Limited.

Reference Books

1. Kumar,R.(2010).Basic Business Communication. Excel Books India.
2. Bovee,C. L.(2008).Business Communication today. Pearson Education India.
3. Lesikar,R.V.,&Pettit,J.D.(1989).Business communication: Theory and application. Irwin Professional Publishing.
4. Mary Ellen Guffy and DanaLoewy(2012)Essentials of Business Communication Cengage Learning
5. C.B.Gupta(2019)Essentials of Business Communication Cengage Learning India Pvt.Ltd

Web Resources

1. https://www.managementstudyguide.com/business_communication.htm
2. <https://studiousguy.com/business-communication/>
3. <https://www.indeed.com/career-advice/resumes-cover-letters/business-communication->
4. <https://www.softskillsaha.com/what-is-meaning-of-business-communication-skills.php>
5. <https://www.mindtools.com/page8.html>

MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	2	3	3	2	3	2	2	3	2	3	3
CO2	2	2	3	3	3	2	2	2	2	3	3	3
CO3	2	2	3	3	3	2	2	3	2	2	3	3
CO4	2	2	3	3	2	2	2	2	2	3	2	2
CO5	2	2	3	3	3	2	2	2	2	3	3	3
TOTAL	11	10	15	15	13	11	10	11	11	13	14	14
AVERAGE	2.2	2	3	3	2.6	2.2	2	2.2	2.2	2.6	2.8	2.8

3– Strong,2-Medium,1-Low

SEMESTER I
SPECIFIC VALUE-ADDED COURSE: CO-OPERATIVE DEVELOPMENT

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FU231V01	2	-	-	-	1	2	30	25	75	100

Pre-requisite:

Students should have the basic knowledge about cooperative development

Learning Objectives:

1. To enable the students to understand Co-operative development in India during Pre-independence, post-independence and globalized era

Course Outcomes

On completion of this course, students will be able to:		
1	understand and recall history of cooperative development in India	K1
2	assess the findings and recommendations of various committees for cooperative development	K1 & K2
3	apply the importance of cooperative education and its arrangements	K2 & K3
4	determine the growth and performance of Co-operatives in Tamil Nadu	K3 & K2
5	analyze the opportunities and the strengths for new generation cooperatives	K3

K1– Remember; K2 –Understand; K3– Apply

Unit	Contents	No. of Hours
I	Co-operative Development in India: Major stages, Pre-independence era: Nicholson's Report	6
II	Co-operative Development under Five Year Plans: Major findings and recommendations of AIRCSC, AIRCRC, Metha Committee, Agricultural Credit Review Committee	6
III	Cooperative Education: Meaning and significance. Member education: its importance, present arrangements for member Education at various levels	6
IV	Growth and performance of Co-operatives in Tamil Nadu: Social and economic significance-Market Share	6
V	Challenges before Co-operatives: Strengths, Weaknesses, Opportunities and Threats-New Generation Co-operatives	6
	Total	30

Self study	New Generation Co-operatives
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Textbooks

1. R.D., Theory, History and Practice of Co-operation, R, Lal Book Depot, Meerut, 2001.
2. Hajela T.N., Co-operation: Principles, Problems and Practice, Konark Publishers, New Delhi, 2000

Reference Books

1. Mathur. B.S., Co-operation in India, Sahitya Bhavan Publishers, Agra, 2000.
2. Krishnaswamy O.R & Kulandaisamy V, Co-operation-Concept and Theory, Arundhra Academy,

Coimbatore, 2000.

3. Samiyudeen, Co-operativesector in India,S.Chand & Company, NewDelhi,1983

**MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC
OUTCOMES**

	PO1	PO2	PO3	PO4	PO5	PO6	O7	PO8	PSO1	PSO2	SO3	SO4	SO5
CO1	3	2	3	3	2	3	2	2	2	3	2	3	3
CO2	2	2	3	3	3	2	2	2	2	2	3	3	3
CO3	2	2	3	3	3	2	2	2	3	2	2	3	3
CO4	2	2	3	3	2	2	2	2	2	2	3	2	2
CO5	2	2	3	3	3	2	2	2	2	2	3	3	3
TOTAL	11	10	15	15	13	11	10	10	11	11	13	14	14
AVERAGE	2.2	2	3	3	2.6	2.2	2	2	2.2	2.2	2.6	2.8	2.8

S-Strong-3 M-Medium-2 L-Low-1

SEMESTER I
SPECIFIC VALUE-ADDED COURSE: HUMAN RESOURCE
MANAGEMENT

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FU231V02	2	-	-	-	1	2	30	25	75	100

Pre – requisite

Basic Knowledge on organisation

Learning objectives

1. To understand the importance of Human Resources
2. To understand the Human Resource planning and Employee Reward System

Course Outcomes

On completion of this course, students will be able to:		
1	understand and recall the importance of Human Resource	K1
2	assess and interpret the gamut of employability and promoting entrepreneurship	K1 & K2
3	apply and develop Human resource policies for better productivity	K2 & K3
4	determine motivational factors and enhance leadership skills for a better work environment	K3 & K2
5	design and formulate a feasible work environment at the global level.	K3

K1 – Remember; K2 – Understand; K3 – Apply

Units	Contents	No. of Hours
I	Human Resource Management Human Resource as a unique factor of production – Nature, Scope and Objectives – Nature of organizations	6
II	Human Resource Planning and Employee Reward System Meaning – Process of Human Resource, Planning – Factors affecting human resource, planning and job recruitment, selection, orientation and placement	6
III	Motivation Theories of Motivation – Maslow’s Hierarchy Needs – Herzberg’s Two Factor Model – Motivation concepts	6
IV	Leadership, Communication and Counseling Nature of Leadership behavior – Leadership Style – Employee participation – Benefits of participation – Communication.	6
V	Industrial Relations and Future Directions in HRM Nature of industrial relations – Parties to Industrial relations – Trade unions – Collective bargaining – Dispute management – Role of government and legislation	6
Total		30

Textbooks

1. Aswathappa. K. (2013). Human Resource Management, McGraw Hill Education

(India) Private Limited.

2. Reddy. T.S and Hari Prasad Reddy. Gupta, C.B. (2017), Human Resource management. Text and Cases 19th Edition New Delhi:Sultan Chand, 2017.

Reference Books

1. Edward E. Kenneth M. York (2010). Human resource management, Sage Publications India Pvt.Ltd, New Delhi.
2. Dessler, Gray (2012). A framework for human resource management, Pearson 6th Edition.
3. Noe Raymond A. John R. Hollenback, Barry Gerhart and Patrick M. Wright (2013). Human resource management: Gaining a competitive advantage, 8th edition, Mc Graw Hill/Irwin, New Delhi.
4. David A., Stephen Robbins (2014). Fundamentals of human resource management, 10th edition, New York Press.
5. Bourdean (2012). Effective human resource management: A Global analysis, Stanford business books

Web Resources

1. <https://www.humanresources.org/>
2. <https://www.shrm.org/>
3. https://www.hr.com/en?t=/Default/spl_login
4. <https://www.bizzabo.com/blog/event-planning-websites/>
5. <https://www.tantraa.net/>

MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	2	3	3	2	3	2	2	2	3	2	3	3
CO2	2	2	3	3	3	2	2	2	2	2	3	3	3
CO3	2	2	3	3	3	2	2	2	3	2	2	3	3
CO4	2	2	3	3	2	2	2	2	2	2	3	2	2
CO5	2	2	3	3	3	2	2	2	2	2	3	3	3
TOTAL	11	10	15	15	13	11	10	10	11	11	13	14	14
AVERAGE	2.2	2	3	3	2.6	2.2	2	2	2.2	2.2	2.6	2.8	2.8

S-Strong-3 M-Medium-2 L-Low-1

SEMESTER I
SPECIFIC VALUE-ADDED COURSE: MEDIA ECONOMICS

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FU231V03	2	-	-	-	1	2	30	25	75	100

Pre – requisite

Principles of economics

Learning objectives

1. To understand and apply economic principles in Media Industry
2. To outline different market structure in Media Industry

Course Outcomes

On completion of this course, students will be able to:		
1	understand the fundamental concepts and changing economic forces that direct and constrain the choices of decision makers across the media sector.	K1 & K2
2	justify the role of dissemination of information, as an essential for the functioning of the economic and the political system that constitutes markets specific competitive dynamics between stakeholders of all levels in the media industry.	K1 & K2
3	examine and evaluate the distinctive economic features of media firms, and the strategies deployed by media houses with respect to business practices, technological advancements and policy regulation.	K2 & K3
4	compare and contrast economic dimensions of supply, demand and competition in both traditional and digital media and develop communication and leadership skills through public relations in a dynamic business environment.	K2 & K3
5	formulate and predict trends in mass media and integrate media as a system of interrelated forces, including historical foundations, technological advances, economic dynamics, regulatory constraints, and ethical concerns shaping the economy	K3

K1 – Remember; K2 – Understand; K3 – Apply

Units	Contents	No. of Hours
I	Introduction Definition of media economics, the importance of studying media economics, macro & micro economics issues in media, types of media companies	6
II	Demand and market structure The demand curve, price elasticity & cross elasticity of demand, types of demand for media products – monopoly, oligopoly, monopolistic competition, media industry and market structure.	6
III	Media market What is a media market and who are its major players? Methods used to measure market concentration and diversification within a firm, impact of technology on media markets.	6

IV	Industry Technology The radio, cable & satellite television and internet industries – industry trends, major players, market structure and economic characteristics	6
V	Media Industry The newspaper industry – major players, role and types of advertising in newspapers, impact of the internet on newspapers, economic future of the newspaper industry- Magazine industry: types of division in magazine publishing, various markets for magazine, impact of technology and the internet on the magazine industry	6
	Total	30

Textbooks

1. Colin Hoskins, (2004). Media Economics: Applying Economics to New and Traditional Media, Sage Publications, Inc, 1st Ed.
2. Effulin, (2009). The Business of Media Distribution: Monetising Film, TV and Video Content in an Online World, Focal Press.

Reference Books

1. Alexander A., Owens, J., and Carveth, R. (2007) Media Economics: Theory and Practice, New York: Lawrence Erlbaum.
2. Albarran, A.B., & Chan – Olmsted, S. (Eds) (2003) Global Media Economics: Commercialisation, Concentration and Integration of World Media Markets, Ames: Iowa State University Press.
3. Bagdikian, B.H. (2000). The Media Monopoly 6th Ed., Boston: Beacon Press
4. Golding, P., and Murdoch, G. (2012). The Political Economy of the Media (Vols.1&2)
5. Sambath. G., (2009). The Media Economics. Prentice Hall India Learning Private Limited.

Web Resources

1. <https://journals.sagepub.com>
2. <https://azimpremjifoundation.org/content/journal-media-economics>
3. <https://www.tandfonline.com/>
4. <http://www.mediaeconomics.com>
5. <http://mediabusinesstudies.com>

MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	2	3	3	2	3	2	2	3	3	3	2	2
CO2	3	2	3	3	3	2	2	2	3	3	3	2	2
CO3	3	2	3	3	3	2	2	2	3	3	3	3	3
CO4	2	2	3	3	2	2	2	2	3	2	2	3	3
CO5	3	2	3	3	3	2	2	2	3	3	3	3	3
TOTAL	13	10	15	15	13	11	10	10	15	14	14	13	13
AVERAGE	2.6	2	3	3	2.6	2.2	2	2	3	2.8	2.8	2.6	2.6

S – Strong -3 M-Medium – 2 L- Low - 1

SEMESTER II
CORE COURSE III: MICRO ECONOMICS – II

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FU233CC1	5	-	-	-	5	5	75	25	75	100

Pre-requisite

Basic Knowledge about Micro Economics

Learning Objectives

1. To equip the students to gain knowledge on the market structures
2. To understand the monopoly and price discrimination in the market

Course Outcomes

On the successful completion of the course, students will be able to:		
1.	understand the equilibrium conditions in Perfect Competition.	K1 & K2
2.	describe the equilibrium conditions under Monopoly Market Structure.	K1 & K2
3.	discuss the Market Equilibrium under Monopolistic and Oligopoly Market.	K2 & K3
4.	know the importance of theories of Distribution.	K2 & K3
5.	explain the aspects of Welfare Economics and General Equilibrium.	K2 & K3

K1 - Remember; K2 - Understand; K3 - Apply

Units	Contents	No. of Hours
I	Perfect Competition Features of Perfect Competition – Equilibrium of the firm and the industry in the Short Run - Long-Run Equilibrium in Perfect Competition- Time Element Analysis.	15
II	Monopoly and Price Discrimination Definition of Monopoly–Demand and Marginal Revenue - Equilibrium under Monopoly– Dead Weight Loss -Policies to Control Monopoly – Price Discrimination–First Degree, Second Degree and Third-Degree Price Discrimination – Dumping.	15
III	Monopolistic and Oligopoly Competition Monopolistic Competition–Features– Product Differentiation–Market Equilibrium and Short Run and Long Run- Barriers to Entry – Group and Industry Equilibrium– Excess Capacity -Oligopoly – Kinked Demand Curve	15
IV	Distribution Theory Functional and Personal Distribution – Marginal Productivity Theory of Distribution – Product Exhaustion Theorem - Concepts of VMP and MRP.	15
V	Welfare Economics and General Equilibrium Welfare Criteria – Adam Smith – Edgeworth – Pareto - Market Failure – Externalities – Walrasian General Equilibrium	15
	Total	75

Self study	Production and Distribution
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Textbooks

1. Robert Pindyck and Daniel L. Rubinfeld, (2001) *Micro Economics*, Mac Millan
2. Hal R. Varian (2004), *Intermediate Micro Economics*, East-West Press: New Delhi

Reference Books

1. Koutsoyiannis (2003), *Modern Microeconomics* (2nd Edition), Palgrave Macmillan (UK).
2. Gregory Mankiw (2012), *Principles of Micro Economics*, Cengage India.
3. Mansfield, Edwin and Yohe, Gary (2010): *Micro Economics* (4th Edition) Viva-Norton Indian Edition
4. Seth, M.L. (2006). *Micro Economics*. (22nd Revised ed.). Agra: Lakshmi Narain Agarwal Educational Publishers.
5. Jhingan, M.L. (2016). *Micro Economics*, (8th Revised ed.). New Delhi: Vrinda Publications (P) Ltd.

Web Resources

1. <https://open.umn.edu/opentextbooks/subjects/economics>
2. <https://global.oup.com>
3. <https://www.economicsnetwork.ac.uk>
4. <https://edge.sagepub.com/sextonmicro8e>
5. <https://www.aeaweb.org/resources/students>

**MAPPING WITH PROGRAMME OUTCOMES
AND PROGRAMME SPECIFIC OUTCOMES**

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO 1	3	3	3	3	3	3	3	3	3	3	3	3	2
CO 2	3	3	3	3	3	3	3	3	3	3	3	2	2
CO 3	3	3	3	3	3	3	3	3	3	3	3	2	2
CO 4	3	3	3	3	2	3	3	3	3	3	2	2	2
CO 5	2	3	2	3	3	3	3	3	3	3	3	3	3
TOTAL	14	15	14	15	14	15	15	15	15	15	14	12	11
AVERAGE	2.8	3	2.8	3	2.8	3	3	3	3	3	2.8	2.6	2.2

3 – Strong, 2- Medium, 1- Low

SEMESTER II
CORE COURSE IV: STATISTICS FOR ECONOMICS-II

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FU232CC2	5	-	-	-	5	5	75	25	75	100

Pre-requisite:

Basic Knowledge about Statistics

Learning Objectives:

1. To understand the various methods of index numbers and its applications
2. To know the theories of probability and its applications

Course Outcomes

On the successful completion of the course, student will be able to:		
1.	recognize knowledge on the Index Numbers	K1 & K2
2.	explain the importance of Time Series Data and its measurement	K1 & K2
3.	understand the concept of Probability	K2 & K3
4.	determine the various Sampling Methods	K2 & K3
5.	illustrate the steps on Hypothesis Testing	K2 & K3

K1 - Remember; K2 - Understand; K3 - Apply

Unit	Contents	No. of Hours
I	Sampling Sampling – Census and Sample Method – Theoretical Basis of Sampling – Methods of sampling – Random and Non –Random Sampling - Size of Sample – Merits and Limitations of Sampling – Sampling and Non-Sampling Errors.	15
II	Time Series Analysis Definition– Components and Measurement– Graphic Method - Methods of Semi Average, Moving Averages and Method of Least Squares – Uses of Time Series Analysis.	15
III	Index Numbers Index Numbers – Methods – Unweighted and Weighted Index Numbers – Aggregate and Relative Index Numbers – Chain and Fixed based Index Numbers – Wholesale Price Index – Consumer Price Index – Cost of Living Index.	15
IV	Theory of Probability Key Concepts of Probability – Importance – Theorems of Probability: Addition, Multiplication and Bayes' Theorem - Discrete and Continuous Random Variables – Theoretical Distributions – Binomial, Poisson and Normal – Properties- Uses and Applications.	15
V	Testing of Hypothesis Hypothesis Testing – Meaning, Types, Sources and Functions of Hypothesis – Test: Null and Alternative Hypothesis – Type – I and Type – II Errors.	15
	Total	75

Self study	Meaning and Types of Hypothesis
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Textbooks

1. S.P Gupta, (2017) Statistical Methods, Sultan Chand & Sons.
2. Anderson, Sweeney and Williams (2012), Statistics for Business and Economics Cengage.

Reference Books

1. Anderson, David Ray, *Statistics for Business and Economics*, South-Western Pub, 2001.
2. Sancheti and Kapoor, *Statistics*, (2015) Sultan & Sons New Delhi.
3. Gupta S.C. *Statistical Methods* (2015) Sultan & sons New Delhi.
4. Monga G.S. *Mathematics and Statistics for Economics* (2001), Vikas Publishing House Pvt.Ltd New Delhi.
5. Dominick Salvatore and Derrick Reagle, (2002), *Theory and problems of Statistics and Econometrics*, Mc Graw Hill.

Web Resources

1. <https://stattrek.com/statistics/resources>
2. <https://www.cuemath.com/data/f-test/>
3. <https://www.statistics.com/>
4. <https://thisisstatistics.org/students/>
5. <https://oli.cmu.edu/courses/probability-statistics-open-free/>

MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO 1	3	3	3	3	3	3	3	3	3	3	2	2	2
CO 2	3	3	3	3	3	3	3	3	3	3	2	2	2
CO 3	3	3	3	3	3	3	3	3	3	3	2	2	2
CO 4	3	3	3	3	2	3	3	3	3	3	3	2	3
CO 5	3	2	3	3	3	3	3	3	2	2	3	3	3
TOTAL	15	14	15	15	14	15	15	15	14	14	12	11	12
AVERAGE	3.0	2.8	3.0	3.0	2.8	3.0	3.0	3.0	2.8	2.8	2.6	2.2	2.6

3 – Strong, 2- Medium, 1- Low

SEMESTER II
ELECTIVE COURSE II: INTRODUCTION TO E-COMMERCE

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FU232EC1	4	-	-	-	3	4	60	25	75	100

Pre-requisite:

Basic Interest in E- Commerce

Learning Objectives:

1. To learn the nature and concepts of E-commerce in India
2. To understand the various business models for E-Commerce and its uses

Course Outcomes

On the successful completion of the course, student will be able to:		
1.	understand the pros & cons of E-commerce.	K1 & K2
2.	explain the various models of E-commerce.	K1 & K2
3.	understand the online business transaction and their impact on related service providers.	K2 & K3
4.	understand the e-marketing mix and be familiar with consumer protection.	K2 & K3
5.	know the mechanism of E- payment and its operations.	K2 & K3

K1 - Remember; K2 - Understand; K3 - Apply

Unit	Contents	No. of Hours
I	Introduction Meaning – Nature – Concepts – advantages and disadvantages – online Transaction - Types of E-Commerce - Growth of E-Commerce in India.	12
II	Business Models for E-commerce E-commerce Models - Business-to-Business (B2B) – Business– to-Consumer (B2C) - Consumer-to-Consumer (C2C) - Consumer-to-Business (C2B) - Direct to Customer (D2C) – Peer-to-Peer (P2P) - Brokerage Model - Aggregator Model.	12
III	Online Business Transactions E-Commerce Applications in Various Industries- Banking, Insurance, Payment Of Utility Bills - Online Marketing /E-Tailing (Popularity, Benefits, Problems and Features) -Online Services (Financial, Travel and Career) /Auctions, Online Portal, Online Learning - Publishing and Entertainment - Online Shopping	12
IV	E-Promotion and Consumer Protection E-Advertising techniques: Banners, Sponsorships, Portals, and online coupons-Role of Influencers in Social Media- Marketing-Porters Value Chain Model-E- Commerce and consumers.	12
V	E- Payment System Models and Methods of e–Payments (Debit Card, Credit Card, Smart Cards, e-money) - Digital Signatures (procedure, working and legal position) - Payment Gateways - Online Banking: Meaning, Concepts, Importance, Electronic Fund Transfer.	12
	Total	60

Self study	Risks involved in e-payments
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Textbooks

1. Bajaj K.K and Debjani Nag (2017), *E-commerce*, McGraw Hill Education
2. Chhabra T.N , Suri and Sanjiv Varma (2005) *E-Commerce*, Dhanpat Rai & Co

Reference Books

1. Pandey (2013) *Ecommerce and its Applications* , S.K. Kataria & Sons
2. Kenneth C. Laudon and Carlo Guercio Traver (2020), *E-Commerce*, Pearson Education.
3. Pralok Gupta (2020) *E-commerce in India: Economic and Legal Perspectives*, SAGE Publications India Pvt Ltd
4. David Whitley (2017) *E - Commerce: Strategy, Technologies and Applications*
5. Joseph P.T ., S.J (2019) “*E-Commerce : An Indian Perspective*” PHI Learning Pvt. Ltd.

Web Resources

1. <https://ecommerce-platforms.com/resources>
2. <https://ecommerceguide.com>
3. <https://www.bigcommerce.com/resources/>
4. <https://www.cloudways.com/blog/top-ecommerce-websites/>
5. <https://www.indiafilings.com/learn/how-to-start-an-ecommerce-business-in-india/>

MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	2	3	3	2	3	2	3	3	3	2	2
CO2	3	3	3	3	3	2	2	3	3	3	2	2
CO3	3	3	3	3	3	2	2	3	3	3	3	3
CO4	3	2	3	3	2	2	2	3	3	2	2	2
CO5	3	3	3	3	3	2	2	3	3	3	3	3
TOTAL	15	13	15	15	13	11	10	15	15	14	12	12
AVERAGE	3	2.6	3	3	2.6	2.2	2	3	3	2.8	2.6	2.6

3 – Strong, 2- Medium, 1- Low

SEMESTER II
NON-MAJOR ELECTIVE (NME): ECONOMICS FOR INVESTORS

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FU232NM1	2	-	-	-	2	2	30	25	75	100

Pre-requisite:

Basic Interest in Economics for Investors

Learning Objectives:

1. To understand concepts of saving and investments
2. To probe the various investment avenue and its practice applications

Course Outcomes

On the successful completion of the course, student will be able to:		
1.	identify the types and importance of savings and investments.	K1 & K2
2.	explain the available for investment avenues	K1 & K2
3.	understand the operations of different types of investment markets.	K2 & K3
4.	list the economic fundamentals and information.	K2 & K3
5.	determine the objective enabling investment plans, strategy, evaluate and restructure if required.	K2 & K3

K1 - Remember; **K2** - Understand; **K3** – Apply

Unit	Contents	No. of Hours
I	Introduction Saving and Investments – Meaning – Types - Importance – Role of Savings and Investment on the development of Individuals- Distributional Role of Investment – Income and Wealth.	6
II	Investment Avenues Traditional Investment – Cash, Deposits, Gold, Silver, Commodities Real Estates. Modern Investment – Direct Investment – Portfolio Investment – Insurance.	6
III	Investment Markets Capital Market – Share Market – Primary and Secondary – Bond Markets- Money Market – Metal Market - Commodities Markets.	6
IV	Economic fundamentals for Investors Domestic Economic Environment: Economic Growth and Development – National Income – Per Capita Income, Unemployment – Taxes, Trade Cycle – Infrastructure.	6
V	Investment Methods and Strategies. Cash Flow – Capital Gain – Risk Rewarding – Asset Accumulation - Risk Distribution – Asset Management.	6
	Total	30

Self study	Risk Distribution
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Textbooks

1. Ken McElroy, (2004) *The ABCs of Real Estate Investing*, Hachette Book Group USA
2. Esme Faerber (2013), *All about Stocks*, Tata Mc Graw Hill, New Delhi

Reference Books

1. William J. O' Neil (2009) *How to Make Money in Stocks: A Winning System in Good Times and Bad* (Fourth Edition), Mc Graw Hill Education, New Delhi.
2. John C Bogle (2017) *The Little Book of Common Sense Investing: The Only Way to Guarantee Your Fair Share of Stock Market Returns*, Wiley Publications.
3. Mary Buffett and David Clark (2002), *The New Buffettology* (Simon and Schuster)
4. Andrew Smithers(2022) *The Economics of the Stock Markets, The Intelligent Investor*, OUP Oxford publications.
5. Giovanni Rigters (2019) *Stock Market Investing for beginners & Dummies*, Giovanni Rigters publications.

Web Resources

1. <https://www.capitalmarket.com/>
2. <https://www.icmagroup.org/>
3. <https://www.nseindia.com>
4. <https://www.stockbrokers.com/guides/beginner-investors>
5. <https://www.nasdaq.com/articles/10-best-stock-trading-websites-for-beginners>

**MAPPING WITH PROGRAMME OUTCOMES
AND PROGRAMME SPECIFIC OUTCOMES**

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	3	3	3	2	3	2	3	3	3	3	2
CO2	3	3	3	3	3	2	2	3	3	3	2	2
CO3	3	3	3	3	3	2	2	2	2	3	3	3
CO4	2	3	3	3	2	2	2	3	3	2	2	2
CO5	3	3	3	3	3	2	2	2	2	3	3	3
TOTAL	13	15	15	15	13	11	10	13	13	14	13	12
AVERAGE	2.6	3	3	3	2.6	2.2	2	2.6	2.6	2.8	2.6	2.4

3 – Strong, 2- Medium, 1- Low

SEMESTER II
SKILL ENHANCEMENT COURSE SEC I: COMPUTER APPLICATIONS IN
ECONOMICS

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FU232SE1	2	-	-	-	2	2	30	25	75	100

Pre-requisite:

Basic Practical Interest in Computer Application

Learning Objectives:

1. To know the basic concepts of Computer Applications
2. To apply the MS office and its basic operations

Course Outcomes

On the successful completion of the course, student will be able to:		
1.	understand basic components of Computer and its functions.	K1 & K2
2.	know the Knowledge of MS Office.	K1 & K2
3.	explain the data processing techniques of MS Excel.	K2 & K3
4.	understand basic Operation in MS Excel.	K2 & K3
5.	illustrate the MS Excel in Statistics and Economics.	K2 & K3

K1 - Remember; K2 - Understand; K3 - Apply

Unit	Contents	No. of Hours
I	Introduction to Computers Computer and Peripherals: Meaning, Types, Features and Limitations– Basic Components – Input and Output Devices – Primary Memory and Secondary Storage – Computer Software– Types – –Operating Systems: Functions and Types.	6
II	MS Office Windows Explorer - MS Word: Basic Operations in Word – Editing– Formatting – Text Creation of Tables and Volumes - MS Power Point Presentation- Creating, Opening and Saving Slideshow and Animations - MS Excel: Work Sheet and Work Book- Opening and Formatting.	6
III	Data Processing Data Processing Techniques using MS Excel: Concept of Data – Record and File – Types of Data – Data Entry – File Handling and Operations– Opening, Appending and Cascading – – Data Storage and Retrieval	6
IV	Introduction to MS Excel Calculation Operators: Arithmetic Operators – Comparison Operators – Logical Operations- Excel Tool Bars- Formatting of Text, Tables and Graphs.	6
V	Application of MS Excel in Statistics and Economics Descriptive Statistics: Mean, Median, Mode and Standard Deviation Variance- Index Numbers and Growth Rates - Demand Function - Supply Function, Demand for and Supply of Money- Correlation – Regression.	6
	Total	30

Self study	Mean, Median
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Textbooks

1. Hem Chand Jain and H.N.Tiwari (2019) *Computer Applications In Business* (5th Edition) Taxmann Publication.
2. Dhanasekaran.K (2010) *Computer Applications In Economics* Vrinda Publications.

Reference Books

1. Greg Harvey, (2007) *Microsoft Office Excel 2007 For Dummies*, Wiley Publishing.
2. Alexis Leon and Mathews Leon; (2001), *Introduction to Computers with Ms-Office 2000*. McGraw Hill Education
3. Kavindra Kumar Singh (2014) *Computer Applications in Management Dream Tech*
4. Oscar Afonso , Paulo B. Vasconcelos, *Computational Economics: A Concise Introduction*, Routledge (1st Edition),
5. Kerns (2001) *Essentials of Microsoft Windows, Word and Excel*, Prentice Hall.

Web Resources

1. <https://www.excel-easy.com/basics.html>
2. <https://excelchamps.com/excel-basics/>
3. <https://edu.gcfglobal.or/en/topics/excel/>
4. <https://trumpexcel.com/learn-excel/>
5. <https://www.simplilearn.com/learn-ms-excel-free-training-course-skillup>

MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	2	3	3	2	3	2	2	2	2	3	3
CO2	3	2	3	3	3	2	2	2	2	2	3	3
CO3	3	2	3	3	3	2	2	2	2	2	3	3
CO4	3	2	3	3	2	2	2	2	2	2	3	3
CO5	3	2	3	3	3	2	2	3	3	3	3	3
TOTAL	15	10	15	15	13	11	10	11	11	11	15	15
AVERAGE	2.6	2	3	3	2.6	2.2	2	2.2	2.2	2.2	3	3

3 – Strong, 2- Medium, 1- Low

SEMESTER I & II
LIFE SKILL TRAINING I: CATECHISM

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
UG232LC1	1	-	-	-	1	1	15	50	50	100

Objectives:

1. To develop human values through value education
2. To understand the significance of humane and values to lead a moral life

On the successful completion of the course, student will be able to:		
1	understand the aim and significance of value education	K1, K2
2	develop individual skills and act confidently in the society	K3
3	learn how to live lovingly through family values	K3
4	enhance spiritual values through strong faith in God	K6
5	learn good behaviours through social values	K6

K1 - Remember K2-Understand; K3-Apply; K6- Create

Units	Contents	No. of Hours
I	Value Education: Human Values – Types of Values – Growth – Components – Need and Importance - Bible Reference: Matthew: 5:3-16	3
II	Individual Values: Esther Vanishing Humanity – Components of Humanity – Crisis – Balanced Emotion – Values of Life - Bible Reference: Esther 8:3-6	3
III	Family Values: Ruth the Moabite Respecting Parents – Loving Everyone – Confession – True Love Bible Reference: Ruth 2:10-13 Spiritual Values: Hannah Faith in God – Wisdom – Spiritual Discipline – Fear in God – Spiritually Good Deeds -Bible Reference: 1 Samuel 1:24-28	3
IV	Social Values: Deborah Good Behaviour – Devotion to Teachers – Save Nature – Positive Thoughts – The Role of Youth in Social Welfare - Bible Reference: Judges 4:4-9	3
V	Cultural Values: Mary of Bethany Traditional Culture – Changing Culture – Food – Dress – Habit – Relationship – Media – The Role of Youth - Bible Reference: Luke 10:38-42	3
Total		15

Textbook

Humane and Values. Holy Cross College (Autonomous), Nagercoil
The Holy Bible

SEMESTER I & II
LIFE SKILL TRAINING I: MORAL

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
UG232LM1	1	-	-	-	1	1	15	50	50	100

Objectives:

1. To develop human values through value education
2. To understand the significance of humane and values to lead a moral life

Course Outcomes

On the successful completion of the course, student will be able to:		
1	understand the aim and significance of value education	K1,K2
2	develop individual skills and act confidently in the society	K3
3	learn how to live lovingly through family values	K3
4	enhance spiritual values through strong faith in God	K6
5	learn good behaviours through social values	K6

K1 - Remember **K2**-Understand; **K3**-Apply; **K6**- Create

Units	Contents	No. of Hours
I	Value Education: Introduction – Limitations – Human Values – Types of Values – Aim of Value Education – Growth – Components – Need and Importance	3
II	Individual Values: Individual Assessment – Vanishing Humanity – Components of Humanity – Crisis – Balanced Emotion – Values of Life.	3
III	Family Values: Life Assessment – Respecting Parents – Loving Everyone – Confession – True Love.	3
IV	Spiritual Values: Faith in God – Wisdom – Spiritual Discipline – Fear in God – Spiritually Good Deeds.	3
V	Social Values: Good Behaviour – Devotion to Teachers – Save Nature – Positive Thoughts – Drug Free Path – The Role of Youth in Social Welfare. Cultural Values: Traditional Culture – Changing Culture – Food – Dress – Habit – Relationship – Media – The Role of Youth.	3
Total		15

Textbook

Humane and Values. Holy Cross College (Autonomous), Nagercoil

SEMESTER III
CORE COURSE V: MACRO ECONOMICS – I

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FU233CC1	5	-	-	-	5	5	75	25	75	100

Pre-requisites:

Basic Knowledge about Macro Economics

Learning Objectives:

1. To understand the national income and its related concepts
2. To analyze the classical theory of full employment and its advantages

Course Outcomes

On the successful completion of the course, student will be able to:		
1.	understand the structure of Macro Economics	K2
2.	outline the concepts of national income	K1 & K2
3.	understand the types and theories of employment	K2
4.	examine the theories of consumption function	K3
5.	analyze the working of multiplier and accelerator principle	K4

K1 – Remember; K2 – Understand; K3 – Apply; K4- Analyze

Units	Contents	No. of Hours
I	Introduction to Macro Economics Meaning – Difference between Micro & Macro Economics – Macro Statics - Macro Dynamics – Comparative Statics – Transition from Micro to Macro Economics - Stock and flow concepts – Importance and Limitations of Macro Economic analysis.	15
II	National Income National Income: Definition – Concepts: GDP, GNP and Per Capita Income- National Income Measurement: Expenditure, Income and Value Added Approaches- Real and Nominal GDP – Difficulties involved in measuring National Income - GDP Deflator – Green GDP – Happiness Index - Circular Flow of Income (Two sector model only)	15
III	Theories of Employment Meaning of full employment – Types of unemployment – Classical theory of output and employment: Say's law of Market — Pigou's view on involuntary unemployment; - Keynesian concept of effective demand – Aggregate Supply function and Aggregate Demand function – underemployment equilibrium - ex- ante saving and ex-ante investment – comparison of Classical and Keynesian theory.	15
IV	Theories of Consumption Consumption Function: Meaning and Attributes – Factors determining consumption function - Keynesian Absolute Income Hypothesis – Duesenberry's Relative Income Hypothesis – Friedman's Permanent Income Hypothesis – Anto & Modigliani's Life Cycle Hypothesis.	15
V	Multiplier and Accelerator Multiplier – Meaning – Assumptions – Working of multiplier – Leakages - Importance - Limitations – Accelerator principle – Meaning – Assumptions	15

	– Operation – Limitations – A note on foreign trade multiplier.	
	Total	75

Self-study	Types of unemployment
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Textbooks

1. Mankiw. N Gregory (2000), Macroeconomics, Worth Publishers, New York
2. VaishM.C.(2003) Macro Economic Theory, S.Chand & Company Ltd New Delhi

Reference Books

1. Rudiger Dornbusch, Stanley Fischer, and Richard Startz (2000), Macroeconomics, Tata McGraw-Hill Publishing Company, New Delhi.
2. Parkin, M., 2014. Macro Economics. 11th Edition. Essex: Pearson
3. Blanchard, Olivier and David R. Johnson (2013) Macroeconomics, Pearson.
4. Mueller, M.G. (Ed.) (1978), Readings in Macroeconomics, Surjeet Publications, New Delhi
5. Roger E.A. Farmer (2002), Macro Economics, Thompson Asia Pvt Ltd., Singapore.

Web Resources

1. <http://www2.econ.iastate.edu/tesfatsi/sources.htm/>
2. <https://www.khanacademy.org/economics-finance-domain/macroeconomics/>
3. <https://www.econlib.org/>
4. <https://economics.mit.edu/>
5. <https://hbswk.hbs.edu/>

MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO 1	3	3	3	3	3	3	3	3	3	3	3	3	2
CO 2	3	3	3	3	3	3	3	3	3	3	3	2	2
CO 3	3	3	3	3	3	3	3	3	3	3	3	2	2
CO 4	3	3	3	3	2	3	3	3	3	3	2	2	2
CO 5	2	3	2	3	3	3	3	3	3	3	3	3	3
TOTAL	14	15	14	15	14	15	15	15	15	15	14	12	11
AVERAGE	2.8	3	2.8	3	2.8	3	3	3	3	3	2.8	2.6	2.2

S-Strong-3 M-Medium-2 L-Low-1

SEMESTER III
CORE COURSE VI: MATHEMATICS FOR ECONOMICS

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FU232CC2	5	-	-	-	5	5	75	25	75	100

Pre-requisites:

Basic Knowledge in Mathematics

Learning Objectives:

1. To integrate the concepts of Economics with Mathematical tools.
2. To understand the second order derivatives and its maxi mini function.

Course Outcomes:

On the successful completion of the course, student will be able to:		
1	understand Basic Concepts of Mathematics and its application in Economics.	K1 & K2
2	analyze the relevance of the Types of Matrices	K1 & K2
3	calculate optimal values in the system of Equations and the importance of Input-Output Analysis	K2 & K3
4	gain knowledge of the rules of Differentiation and its Economic Applications	K2 & K3
5	to optimize single variable functions in Economics	K2 & K3

K1 – Remember; K2 – Understand; K3 – Apply

Units	Contents	No. of Hours
I	Introduction Variables, Constants, Equations and its types – Uses and limitations of Mathematics in Economics- Functions of one or more variables – Linear function, Parabola, Rectangular Hyperbola- Exponential, Logarithmic, Power function and Homogenous Function – Applications in Economics	15
II	Matrix Algebra and Determinants Types of Matrices- Matrix Operations – Addition – Subtraction- Matrix Multiplication – Transpose – Determinants, Inverse and Properties- Solving a system of Linear Equations – Cramer's Rule and Matrix Inverse Method	15
III	Applications of Matrix Algebra Leontief's Input-Output Model – Open and Closed Model- Components, Uses, and Limitations- Hawkins – Simon Conditions for Viability of Input and Output Model (Problems).	15
IV	Differentiation Limits and Continuity – Differentiability of a Function – Slope of a Curve – Increasing and Decreasing Functions – Rules- Exponential and Logarithmic Functions - Implicit Differentiation – Economic Applications: Marginal and Elasticity Concepts – Relationship between AR, MR, and Price Elasticity of Demand – Relationship Between Average and Marginal Cost.	15

V	i)Optimization (Single Variable) second Order Derivatives – Maximization and Minimization of a Function– Economic Applications –Output and Revenue Maximization -Cost Minimization –Profit Maximization ii) Integration Meaning – Basic Rules of Integration – Definition ofIntegration – Consumer Surplus – Producer Surplus	15
	Total	75

Self-study	Types of Matrices- Matrix Operations
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Textbooks

1. Mehta and Madnani (2019) Mathematics for Economists Sultan Chand and Sons
2. Edward T. Dowling, (2002) “Mathematical Methods for Business and Economics”, Schaum’s Outline Series, 3rd Edition, Mc Graw Hill
3. Renshaw Geoff, (2005) Maths for Economics, 3rd Edition Oxford University Press, Oxford
4. Carl P Simon & Lawrence E. Blume, “Mathematics for Economists”, Published by W. W. Norton & Company, 2010
5. Ian Jacques, “Mathematics for Economics and Business”, Pearson, 2018

Reference Books

1. Chiang, A. C., Fundamental Methods of Mathematical Economics, McGraw-Hill, 1984.
2. G. Hadley, Linear Algebra Addison – Wesley Publishing Company, 1977.
3. K. Sydsaeter and P Hammond, Mathematics for Economic Analysis, Pearson Educational Asia, Delhi 2002.
4. Mabett. Alan J Workout for Mathematics for Economist McMillan 1986.
5. R.G.D. Allen, Mathematical Analysis for Economists Macmillan and Co.Ltd., 2008.

Web Resources

1. <https://www.coursera.org/learn/mathematics-for-economists>
2. <https://mitpress.mit.edu/9780262294805/mathematics-for-economics/>
3. <https://hummedia.manchester.ac.uk/school/soas/economics/pg/psmaths/pre-sessionmathbook.pdf>
4. <https://mitpress.mit.edu/9780262046626/mathematics-for-economics/>

MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO 1	3	3	3	3	3	3	3	3	3	3	2	2	2
CO 2	3	3	3	3	3	3	3	3	3	3	2	2	2
CO 3	3	3	3	3	3	3	3	3	3	3	2	2	2
CO 4	3	3	3	3	2	3	3	3	3	3	3	2	3
CO 5	3	2	3	3	3	3	3	3	2	2	3	3	3
TOTAL	15	14	15	15	14	15	15	15	14	14	12	11	12
AVERAGE	3.0	2.8	3.0	3.0	2.8	3.0	3.0	3.00	2.8	2.8	2.6	2.2	2.6

S-Strong-3 M-Medium-2 L-Low-1

SEMESTER III
ELECTIVE COURSE III: RURAL ECONOMICS

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FU233EC1	4	-	-	-	3	4	60	25	75	100

Pre-requisite:

Basic knowledge about rural areas

Learning Objectives:

- To enable the students to understand Rural Environment.
- To enrich the students about components of the Rural Economy

Course Outcomes:

On the successful completion of the course, student will be able to:		
1	understanding agricultural production including crop cultivation, livestock management and sustainable farming	K1
2	analyse the unique economic challenges and opportunities present in rural resources	K1 & K2
3	understand the population size and population density	K2
4	understand the rural occupational structure	K2
5	asses the rural poverty and unemployment	K3

K1 – Remember; K2 – Understand; K3 – Apply

Units	Contents	No. of Hours
I	Introduction to Rural Economics Nature and Scope of Rural Economics, Inter-disciplinary approach of Rural Economics –Components-Structure and Characteristics -Pre and Post-independence.	12
II	Rural Resources Management in India Rural Resources –Nature-Types and Magnitude - Rural Resources Management and Development, Application of Technology in Rural Development – Problems and prospects.	12
III	Rural Demography Population Size - Sex and Age Composition- Density of Population- Population Problems and Challenges – FamilyWelfare Measures in Rural India.	14
IV	Rural Occupational Structure Nature of Rural Occupations - Occupational Distribution in RuralIndia – The Concept of Work Participation Rates.	8
V	Rural Poverty and Unemployment Rural Poverty-Meaning, Estimates, Causes and Consequences. Unemployment - Meaning, Types, Magnitude of Rural Unemployment, - Causes and Consequences.	14
	Total	60

Self-study	Population Problems and Challenges
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Textbooks

1. C.M Chaudhary (2009), Rural Economics, Sublime Publications.
2. Dr. S. Sankaran (Revised Edition), Rural Economics, Margham Publications.

Reference Books

1. Vasant Desai: Rural Development in India (2012), Himalaya Publishing House, Mumbai.
2. Dutt and Sundaram- Indian Economy (2002), S.Chand Publications, New Delhi.
3. Mishra,S.K. and Puri V.K. - Economics of Development and Planning(2012), HimalayaPublishing House, Mumbai, 2012.
4. Mukundan, N.-Rural Development and Poverty eradication in India (2018). HimalayaPublishing House, Mumbai, 2018.
5. Katar Singh -Rural Development –Principles, Policies and Management (2018). HimalayaPublications, Mumbai.

Web Resources

1. <https://www.econlib.org/>
2. <https://economics.mit.edu/>
3. <https://hbswk.hbs.edu/>
4. <https://www.econlib.org/>
5. <https://economics.mit.edu/>

**MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC
OUTCOMES**

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO 1	3	3	3	3	3	3	3	3	3	3	2	2	2
CO 2	3	3	3	3	3	3	3	3	3	3	2	2	2
CO 3	3	3	3	3	3	3	3	3	3	3	2	2	2
CO 4	3	3	3	3	2	3	3	3	3	3	3	2	3
CO 5	3	2	3	3	3	3	3	3	2	2	3	3	3
TOTAL	15	14	15	15	14	15	15	15	14	14	12	11	12
AVERAGE	3.0	2.8	3.0	3.0	2.8	3.0	3.0	3.0	2.8	2.8	2.6	2.2	2.6

S-Strong-3 M-Medium-2 L-Low-1

SEMESTER III
SKILL ENHANCEMENT COURSE II: INDIAN AGRICULTURE

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FU233SE1	2	-	-	-	2	2	30	25	75	100

Pre-requisites: Basic knowledge about Agriculture

Learning objectives

- 1.To know the pattern and types of agriculture
2. To explain the measures taken by the Government for agriculture.

Course Outcomes

On the successful completion of the course, student will be able to:		
1	explain the introduction of Indian agriculture	K1
2	understand the cropping patterns	K2
3	recognize agricultural inputs and resources	K1
4	understand the Various technology and training programmes	K2
5	know the Applicability of measures by Government	K1 & K2

K1 – Remember; K2 – Understand

Units	Contents	No. ofHours
I	Introduction to Indian Agriculture Historical overview of agriculture in India- importance of agriculture in the Indian economy-Agro-climatic zones and cropping patterns.	6
II	Cropping Systems and Patterns Major cropping systems: Kharif, Rabi, and Zaid.-Crop diversification and its significance.-Cash crops vs. food crops:trends and implications.	6
III	Agricultural Inputs and Resources: Seed industry: varieties, quality, and challenges- Irrigation: types, sources, and efficiency-Fertilizers and pesticides: usage trends, environmental concerns.	6
IV	Agricultural Extension and Technology Transfer Role of agricultural extension services in technology dissemination-Farmer education and training programs.-ICT in agriculture: e-governance initiatives, mobile apps, and agri- portals.	6
V	Government Policies and Schemes Agricultural policy reforms post-liberalization. -Pradhan Mantri Krishi Sinchayee Yojana (PMKSY), Pradhan Mantri Fasal Bima Yojana (PMFBY), and other flagship schemes.-National Mission for Sustainable Agriculture (NMSA) and other initiatives.	6
	Total	30

Self-study	Pradhan Mantri Krishi Sinchayee Yojana (PMKSY), Pradhan Mantri Fasal Bima Yojana (PMFBY)
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Textbooks

1. Gaurav Datt and Ashwani Mahajan “Datt and Sundaram’s Indian Economy” S.Chand 72nd Edition.
2. Kaushik Basu (Ed.) (2012), Oxford Companion to Indian Economy, 3rd Edition, OUP, New Delhi.

Reference Books

1. Puri. V.K & S.K. Misra (2022) Indian Economy.
2. Uma Kapila (Ed.) (2018) Indian Economy Since Independence.
3. Byres, T.J. (Ed.) (1997), The State, Development Planning and Liberalization in India, Oxford University Press, New Delhi.
4. Ashima Goyal(Ed.) The Oxford Handbook of the Indian Economy in the 21st Century: Understanding the Inherent Dynamism, Oxford University Press.
5. K. R. Gupta, J. R. Gupta, “Indian Economy”, Altanic, 2008.

Web Resources

1. <http://www.niti.gov.in/>
2. <https://www.rbi.org.in/>
3. <https://hdr.undp.org/>
4. <https://www.india.gov.in/>
5. <https://www.cmie.com/>

MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO 1	3	3	3	3	3	3	3	3	2	2	3	2	2
CO 2	3	3	2	3	3	3	3	3	2	2	3	3	2
CO 3	3	2	3	3	3	3	3	3	3	3	3	3	2
CO 4	3	3	3	3	3	2	3	3	2	2	2	2	2
CO 5	3	3	3	3	3	3	2	3	2	2	3	2	3
TOTAL	15	14	14	15	15	14	14	15	11	11	14	12	11
AVERAGE	3.0	2.8	2.8	3.0	3.0	2.8	2.8	3.0	2.2	2.2	2.8	2.6	2.2

S-Strong-3 M-Medium-2 L-Low-1

SEMESTER III / IV
SKILL ENHANCEMENT COURSE SEC IV: DIGITAL FLUENCY

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
UG23CSE2	2	-	-	-	2	2	30	50	50	100

Pre-requisite: Basic computer knowledge

Learning Objectives:

1. To provide a comprehensive suite of productivity tools that enhance efficiency
2. To build essential soft skills that are needed for professional success.

Course Outcomes

On the successful completion of the course, students will be able to:		
1.	work with text, themes and styles	K1
2.	produce a mail merge	K2
3.	secure information in an Excel workbook	K2
4.	perform documentation and presentation skills	K2, K3
5.	add special effects to slide transitions	K3

K1 - Remember; **K2** - Understand; **K3** – Apply

Units	Contents	No. of Hours
I	Microsoft Word 2010: Starting Word 2010 - Understanding the Word Program Screen - Giving Commands in Word - Using Command Shortcuts – Document: Creating - Opening - Previewing - Printing and Saving. Getting Started with Documents: Entering and Deleting Text - Navigating through a Document - Viewing a Document. Working with and Editing Text: Spell Check and Grammar Check-Finding and Replacing Text - Inserting Symbols and Special Characters – Copying, Moving, and Pasting Text.	6
II	Formatting Characters and Paragraphs: Changing Font Type, Font Size, Font Color, Font Styles and Effects, Text Case, Creating Lists, Paragraph Alignment, Paragraph Borders and Shadings, Spacing between Paragraphs and Lines. Formatting the Page: Adjusting Margins, Page Orientation and Size, Columns and Ordering, Headers and Footers, Page Numbering. Working with Shapes, Pictures and SmartArt: Inserting Clip Art, Pictures and Graphics File, Resize Graphics, Removing Picture's Background, Text Boxes, Smart Art, Applying Special Effects. Working with Tables: Create Table, Add and delete Row or Column, Apply Table Style - Working with Mailings.	6
III	Microsoft Excel 2010: Creating Workbooks and Entering Data: Creating and Saving a New Workbook - Navigating the Excel Interface, Worksheets, and Workbooks - Entering Data in Worksheets - Inserting, Deleting, and Rearranging Worksheets. Formatting Worksheets: Inserting and Deleting Rows, Columns and Cells - Formatting Cells and Ranges - Printing your Excel Worksheets and Workbooks. Crunching Numbers with Formulas and Functions: Difference between Formulae and Functions - Applying Functions. Creating Powerful and Persuasive Charts: Creating, Laying Out, and Formatting a Chart.	6
IV	Microsoft PowerPoint 2010: Creating a Presentation - Changing the Slide Size and Orientation - Navigating the PowerPoint Window - Add content to a Slide - Adding,	6

	Deleting, and Rearranging Slides - Using views to work on Presentation. Creating Clear and Compelling Slides: Planning the Slides in Presentation - Choosing Slide Layouts to Suit the Contents - Adding Tables, SmartArt, Charts, Pictures, Movies, Sounds, Transitions and Animations - Slideshow.	
V	Digital Platforms: Graphic Design Platform: Canva - Logo Making, Invitation Designing. E-learning Platform: Virtual Meet – Technical Requirements, Scheduling Meetings, Sharing Presentations, Recording the Meetings. Online Forms: Creating Questionnaire, Publishing Questionnaire, Analyzing the Responses, Downloading the Response to Spreadsheet.	6
	Total	30

Self-study	Parts of a computer and their functions
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Textbook:

Anto Hepzie Bai J. & Divya Merry Malar J.,2024, Digital Fluency, Nanjil Publications, Nagercoil.

Reference Books:

1. Steve Schwartz, 2017, *Microsoft Office 2010 for Windows*, Peachpit Press.
2. Ramesh Bangia, 2015, *Learning Microsoft Office 2010*, Khanna Book Publishing Company.
3. Bittu Kumar, 2018, *Mastering MS Office*, V & S Publishers.
4. James Bernstein, 2020, *Google Meet Made Easy*, e-book, Amazon.
5. Zeldman, Jeffrey, 2005, *Web Standards Design Guide*, Charles River Media.

Web Resources:

1. <https://www.youtube.com/watch?v=oocieLn6umo>
2. https://www.youtube.com/watch?v=pPSwbK4_GdY
3. <https://www.youtube.com/watch?v=DKAiSDhU4To>
4. <https://www.youtube.com/watch?v=sbeyPahs-ng>
5. <https://www.youtube.com/watch?v=fACEzzmXeIY>

MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	2	3	3	2	3	2	3	3	2	2	3	3
CO2	3	2	3	3	3	2	2	2	3	2	2	3	2
CO3	3	2	3	3	3	2	2	2	3	2	2	3	2
CO4	2	2	3	3	2	2	2	2	3	2	2	3	2
CO5	3	2	3	3	3	2	2	2	3	2	2	3	2
TOTAL	13	10	15	15	13	11	10	11	15	10	10	15	11
AVERAGE	2.6	2	3	3	2.6	2.2	2	2.2	3	2	2	3	2.2

S-Strong-3 M-Medium-2 L-Low-1

SEMESTER III
SPECIFIC VALUE-ADDED COURSE: BASIC ACCOUNTANCY

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FU233V01	2	-	-	-	1	2	30	25	75	100

Pre – requisite

Basic knowledge about accountancy

Learning objectives

1. To provide an understanding on the basic concepts in Financial Accounting.
2. To equipped with basic knowledge about Tally.

Course Outcomes

On the successful completion of the course, student will be able to:		
1	understand the Basic Concepts of Accounting and prepare Bookkeeping.	K1
2	make Journal and Ledger and Categorize the various subsidiarybooks of accounts and identify and rectify errors	K2
3	prepare Profit and loss account and Balance Sheet	K3 & K2
4	tabulate Bank Reconciliation Statement.	K1 & K2
5	apply Tally Software Package in Accounting	K3

K1 – Remember; K2 – Understand; K3 – Apply

Units	Contents	No. of Hours
I	Introduction to Accounting Definition – Objectives – Functions- Advantages and Disadvantages- Single Entry Book Keeping and Double - Entry Book Keeping.	6
II	Accounting -Books and Records Journal – Ledger- Subsidiary Book- Cash Book- Trial Balance – Meaning- Methods of Preparation – Errors- Classification of Errors- Rectification of Errors.	6
III	Final Accounts Final Accounts- Preparation of Trading- Profit and Loss Account- Balance Sheet (Simple Adjustments).	6
IV	Bank Reconciliation Statement Bank Reconciliation Statement – Need - Meaning- Method ofPreparation of Bank Reconciliation Statement	6
V	Tally Software Introduction to Accounting Package – Tally- Meaning, Features, Advantages	6
	Total	30

Textbooks

1. Reddy. T.S and Hari Prasad Reddy. Y (2013) Financial and Management Accounting Margham Publications Chennai.
2. Reddy T.S Murthy (2012) Financial Accounting Margham Publications Chennai.

Reference Books

1. Mukesh Mahajan, P.S.Gills, V.P.Sharma and H.S.Punia(2001), Fundamentals ofAccountancy, Unistar Books, Chandigarh.

2. Sundeep Sharma (2004) Principles of Accounting, Shree Niwas Publication, Jaipur.
3. Shukla M.C, T.S. Grawal and S.C. Gupta, (2018), Advanced Accounts, S.Chand and Company.
4. Maheshwari S.N and Suneel.K.Maheshwari, (2018), Financial Accounting Vikas Publishing House.
5. Goyal V.K and Ruchi Goyal, (2012), Financial Accounting, Prentice Hall India Learning Private Limited.

Web Resources

1. <https://www.accounting.com/resources/students/>
2. <https://icmai.in>.
3. <https://www.cipfa.org>
4. <https://www.accountingcoach.com/>
5. <https://www.youtube.com/watch?v=OItO9XwgHII>

MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	2	3	3	2	3	2	3	3	2	2	3	3
CO2	3	2	3	3	3	2	2	2	3	2	2	3	2
CO3	3	2	3	3	3	2	2	2	3	2	2	3	2
CO4	2	2	3	3	2	2	2	2	3	2	2	3	2
CO5	3	2	3	3	3	2	2	2	3	2	2	3	2
TOTAL	13	10	15	15	13	11	10	11	15	10	10	15	11
AVERAGE	2.6	2	3	3	2.6	2.2	2	2.2	3	2	2	3	2.2

S-Strong-3 M-Medium-2 L-Low-1

SEMESTER III
SPECIFIC VALUE-ADDED COURSE: BEHAVIOURAL ECONOMICS

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FU233V02	2	-	-	-	1	2	30	25	75	100

Pre – requisite

Fundamental knowledge about Economical behaviour

Learning objectives

1. To provide an overview of how Behavioural Principles in economics.
2. To apply behavioural approaches to economic Problems.

Course Outcomes

On completion of this course, students will be able to:		
1	understand the flexibility and limitations of the economic approach to modelling behaviour and demonstrate knowledge of the evolution and methods used in behavioural economics	K1
2	identify ways in which individuals are systematically irrational	K2
3	know how to use existing behavioural models to understand new economic phenomena and analyse how deviations in rationality impact economic decisions.	K1 & K2
4	apply Prospect Theory to understand how people make decisions when presented with alternatives that involve risk, probability and uncertainty.	K3 & K2
5	understand and apply in policy the different aspects of the concept of mental accounting	K1 & K2

K1 – Remember; K2 – Understand; K3 – Apply

Units	Contents	No. of Hours
I	Introduction History and Evolution of Behavioural Economics - Neoclassical Concept and Criteria for Economic Rationality - Causes of irrationality – Herbert Simon -Bounded Rationality Methods used in Behavioural Economics	6
II	Heuristics & Biases Advantages and Disadvantages of Heuristics - Availability Heuristic - Anchoring Heuristic - Representative Heuristic - Self Evaluation Biases and Projection Bias	6
III	Animal Spirits and its impact on Economic Decisions Confidence – its feedback mechanism that amplifies disturbances - Fairness – Its influence in setting wages and prices - Corruption and Antisocial behaviour - Money Illusion – Improper interpretation of inflation and deflation	6
IV	Prospect Theory	6
	Conventional approaches to modifying Expected Utility theory - Prospect theory and Endowment effect - Reference points and Loss Aversion - Shape of the utility function - Decision weighting	

V	Mental Accounting Nature and Components of mental accounting - Framing and Editing - Budgeting and Fungibility - Choice Bracketing and Dynamics	6
	Total	30

Textbooks

1. Phillip Corr and Anke Plagnol Behavioral Economics: The Basics 1st Edition, Kindle Edition, Routledge, 2018.
2. Dan Ariely Predictably Irrational: The Hidden Forces That Shape Our Decisions, HarperCollins, 2009.

Reference Books

1. Nick Wilkinson and Matthias Klaes (2012) An Introduction to Behavioural Economics 2nd Edition, Palgrave Macmillan, London.
2. David R. Just (2014) Introduction to Behavioural Economics, Wiley Publication, New Jersey.
3. Colin F. Camerer, George Loewenstein and Matthew Rabin (2003) Advances in Behavioural.
4. Frank Robert H (2015) Microeconomics and Behaviour, McGraw Hill Education, New York, 2015.
5. Thaler, Richard H (2016) The Making of Behavioural Economics - Misbehaving, WWNorton & Co, Penguin, London.

Web Resources

1. www.behavioraleconomics.com/BEGuide2017.pdf
2. academic.oup.com/restud/pages/behavioral_economics
3. <https://www.behavioraleconomics.com/>
4. <https://www.exploring-economics.org/en/orientation/behavioral-economics/>
5. <https://www.povertyactionlab.org/>

MAPPING WITH PROGRAMME OUTCOMES AND PROGRAM SPECIFIC C OUTCOMES

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	2	3	3	2	3	2	3	3	3	3	3	3
CO2	3	2	3	3	3	2	2	3	3	3	3	3	3
CO3	3	2	3	3	3	2	2	3	3	3	3	3	3
CO4	3	2	3	3	2	2	2	3	3	3	3	3	3
CO5	3	2	3	3	3	2	2	3	3	3	3	3	3
TOTAL	15	10	15	15	13	11	10	15	15	15	15	15	15
AVERAGE	3	2	3	3	2.6	2.2	2	3	3	3	3	3	3

S-Strong – 3 M- Medium – 2 L- Low - 1

SEMESTER III
SPECIFIC VALUE-ADDED COURSE: URBAN ECONOMICS

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FU233V03	2	-	-	-	1	2	30	25	75	100

Pre – requisite

Basic knowledge about urban economics

Learning objectives

1. To know the role of Urban Economics and its growth structure.
2. To understand the basic economic principles in Urban Economics.

Course Outcomes

On the successful completion of the course, student will be able to:		
1	acquire knowledge on the subject matter of Urban Economics	K1 & K2
2	gain Knowledge on Urbanization and its Impact	K2
3	understand and analyse the Urban Infrastructure	K2
4	analyze the impact of Migration	K2 & K3
5	apply various ideas and policies in Urban Economics.	K4

K1 – Remember; K2 – Understand; K3 – Apply; K4- Analyse

Units	Contents	No. of Hours
I	Introduction Definition of Urban Economics- Nature and Scope of Urban Economics - Density, Urbanization - Definition of a City and Metropolitan area - Urban structure and Urban growth.	6
II	Concept, Causes and Problems of Urbanisation Urbanization – Concept– Urban Morphology - Causes and Issues of Urbanization- Sustainable Urbanization.	6
III	Urban Infrastructure Urban Infrastructure- Transportation – Electricity - Water Supply - Slums, Housing and Urban Renewal -Public Health.	6
IV	Migration Theories Theories of Rural Urban Migration –Ravenstein’s Law of Migration- Stouffer’s theory of Mobility- Lee’s theory- Reasons for Migration: Push and Pull factors.	6
V	Policies for Urban Development Policies and Programmes for Urban development - Measures to Control Urban Growth - Integrated Development of Small and Medium Towns- Smart Cities in India	6
	Total	30

Textbooks

1. Ahluwalia, I.J., Kanbur, R., & Mohanty, P.K. Urbanization in India(2014), Sage Publications, New Delhi.
2. Hartwick, John M, (2015) Urban Economics, Routledge.

Reference Books

1. Briance A and Ravinder Singh, (edited) (1995), Housing the Urban Poor, Policy and Practice

in Developing Countries, (Sage Publications, New Delhi).

2.Fred Durr (1971), The Urban Economy (London, Index Educational Publishers).

3.Harris Tondon (1973), Introduction to Urban Economic Analysis and Policy New York.

4.Lolyd R Dowin and Associates (1969), Planning Urban Growth and Regional Development (London: MT.Press).

5.Mark Garrett (1996), Transportation Planning (Sage Publications, New Delhi).

Web Resources

1. <https://smartcities.gov.in/>

2. <http://www.moud.in/>

3. <https://urbaneconomics.org/>

4. <https://www.iom.int/>

5. <https://refugeesmigrants.un.org/>

MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	2	2	3	2	2	3	3	3	2	2
CO2	2	3	2	2	3	2	2	2	3	3	2	2	2
CO3	3	2	3	2	3	2	2	2	3	3	3	3	3
CO4	2	3	2	2	2	2	3	2	3	3	3	2	2
CO5	3	3	3	2	3	3	3	2	3	3	3	2	2
TOTAL	13	14	13	10	13	12	12	10	15	15	14	11	11
AVERAGE	2.6	2.8	2.6	2	2.6	2.4	2.4	2	3	3	2.8	2.2	2.2
S-Strong-3 M-Medium-2 L-Low-1													

SEMESTER III/V
SELF–LEARNING COURSE: ECONOMICS OF TOURISM

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FU233SL1/FU235SL1-	-	-	-	-	1	-	-	25	75	100

Pre – requisite

Basic knowledge about tourism

Learning objectives

1. To familiarise students with the basic concepts of Tourism.
2. To probe the tourism demand forecasting and its methods.

Course Outcomes

On the successful completion of the course, student will be able to:		
1	describe the importance of Tourism	K1
2	learn the role of Organisations in tourism development	K1
3	understand various methods to calculate demand for tourism	K2
4	analyse the impact of Tourism	K3
5	know the various Tourist circuits in India	K2

K1 – Remember; K2 – Understand; K3 – Apply

Units	Contents
I	Introduction Introduction – Economics, and Tourism - Tourism Demand - Theoretical background - Types of Tourism Demand - Determinants of Tourism Demand
II	Tourism Demand Tourism Demand Forecasting - Methods of Forecasting – Public and Private Sectors in Tourism - the Need for Public and Private Sector Co-operation in
III	Tourism Impacts Impact of Tourism - Economic Aspects - the Multiplier Effect -Displacement Effect and Tourism -
IV	Tourism in India Major tourism circuits of India: Inter-State and Intra-State – Heritage Tourism – Wild life Tourism and Eco Tourism – Tourism in Tamil Nadu.
V	Tourism Organizations Role and Functions of World Tourism Organization (WTO), Pacific Asia Travel Association (PATA), World Tourism & Travel Council (WTTC).

Textbooks

1. Stephen Ball (2007), Encyclopaedia of Tourism Resources in India, B/H.
2. Manoj Dixit (2002), Tourism Products, New Royal Book Co. Lucknow

Reference Books

1. Bhatia A.K (2020) Tourism Development: Principles and Practices Sterling Publishers Private Limited.
2. Mishra P.K (2018) Tourism in India: Potential, Problems and Prospects (2018) New Century Publications.
3. Prasanna Kumar (2017) Marketing for Hospitality and Tourism Mc Graw Hill Education.
4. Sneha Pathak and Ritesh Mishra (2019) Medical Tourism in India 93-88797-49-8 .
5. Geetanjali (2010) Tourism Management ABD Publishers.

Web Resources

1. <https://www.unwto.org/>
2. <https://itdc.co.in/>
3. <https://tourism.gov.in/>
4. <https://www.traveldailymedia.com/importance-of-travel-website-for-the-travel-company/>
5. <https://www.oecd.org/cfe/tourism/>

MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	2	3	3	2	3	2	3	3	2	2	3	3
CO2	3	2	3	3	3	2	2	2	3	2	2	3	2
CO3	3	2	3	3	3	2	2	2	3	2	2	3	2
CO4	2	2	3	3	2	2	2	2	3	2	2	3	2
CO5	3	2	3	3	3	2	2	2	3	2	2	3	2
TOTAL	13	10	15	15	13	11	10	11	15	10	10	15	11
AVERAGE	2.6	2	3	3	2.6	2.2	2	2.2	3	2	2	3	2.2

S-Strong-3 M-Medium-2 L-Low-1

SEMESTER IV
CORE COURSE VII: MACRO ECONOMICS –II

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FU234CC1	5	-	-	-	5	5	75	25	75	100

Pre – requisites

Basic knowledge about Macroeconomics

Learning objectives

1. To analyse the IS-LM model and its shifts.
2. To probe the macroeconomic variables and business cycle

Course Outcomes

On the successful completion of the course, student will be able to:		
1	on completion of this course, students will	K1
2	understand the IS-LM Model.	K2
3	understand Supply Side Economics.	K2
4	learn the operation of theories of Business Cycles.	K3
5	analyse the components of Money Supply and Demand	K4
6	evaluate the effectiveness of Fiscal Policy.	K5

K1 – Remember; K2 – Understand; K3 – Apply; K4- Analyse; K5 – Evaluate

Units	Contents	No. of Hours
I	Business Cycles Meaning – Types - Phases of Business Cycles –Macro Economicvariables and Business Cycles - Classical Theory and Business Cycles – Hawtrey, Von Hayek, Schumpeter Hicks and Samuelson Models – Keynesian theory of Business Cycles	15
II	IS-LM Model Introduction – money market equilibrium - Investment and Interest Rate – Money Demand, Money Supply and the interest rate – Derivation of IS and LM Curve – Shifts in IS Curve and Shifts in LM Curve.	15
III	Monetary Policy Meaning – objectives – Instruments of Monetary Policy – Restrictive and Expansionary Monetary Policy - Money Supply and Money Demand – Classical Dichotomy – Keynesian theory of Money Demand – IS-LM Model and Monetary Policy – Role of Monetary Policy in India	15
IV	Fiscal Policy Meaning – objectives – Instruments – Crowding out effect - Classical and Keynesian Theory of Fiscal Policy– Fiscal Expansion – IS-LM Model and Fiscal Policy – Critique of FiscalPolicy – Role of Fiscal Policy in India	15

V	Supply Side Economics Introduction – Features – Policy prescriptions – Role of technical shock - Rational Expectation Hypothesis – New Classical School – New Keynesian School - Difference between New Classical and New Keynesian Macro Economics – Menu cost hypothesis – Sticky wage – coordination failure – policy implications of New Keynesian Economics – criticism	15
	Total	75
Self-study	Sources of Finance: Long term and short-term Sources	

Textbooks

1. Mankiw Gregory (2017) Principles of Macroeconomics with course mate, Books Express Publications.
2. Rudiger Dornbusch, Fischer Stanely, and Richard Startz (2000), Macro Economics, tata McGraw-Hill publishing company, New Delhi.

Reference Books

1. Ahuja H.L, (2016) Macroeconomics: Theory and Policy. S. Chand.
2. Mueller, M.G.(1978), Readings in Macro Economics, Surjeet Publications, New Delhi
3. Roger E.A. Farmer (2002), Macro Economics, Thompson Asia Pvt. Ltd., Singapore.
4. Parkin, M., 2014. Macroeconomics 11th Edition Essex: Pearson
5. Soumen Sikdar, “Principles of Macroeconomics”, OUP India, 2020

Web Resources

1. <https://tradingeconomics.com>
2. <https://www.bu.edu/econ/files/2014/08/DLS1.pdf>
3. <https://www.imf.org>
4. <https://www.aeaweb.org/resources/students>
5. <https://www.worldbank.org/en/topic/macroeconomics>

MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO 1	3	3	3	3	3	3	3	3	3	3	2	2	2
CO 2	3	3	2	3	3	3	3	3	3	3	3	2	2
CO 3	3	3	3	3	2	3	3	3	3	3	3	3	2
CO 4	3	3	3	3	3	3	3	3	3	2	3	2	3
CO 5	3	3	3	3	3	3	2	3	3	3	2	3	3
TOTAL	15	15	14	15	15	14	14	15	15	14	13	12	12
AVERAGE	3.0	3.0	2.8	3.0	2.8	3.0	2.8	3.0	3	2.8	2.6	2.4	2.4

S-Strong-3 M-Medium-2 L-Low

SEMESTER IV
CORE COURSE VIII: INDIAN ECONOMY

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FU234CC2	5	-	-	-	5	5	75	25	75	100

Pre-requisites:

Fundamental knowledge about Indian Economy

Learning objectives

1. To understand the features and issues of Indian economy and new economic policy.
2. To analyse the national income, poverty and human development and its method.

Course Outcomes

On the successful completion of the course, student will be able to:		
1	outline the nature of the Indian Economy and highlight the changes	K1
2	discuss the major issues of Poverty, Inequality, Unemployment, and Human Development in India in comparison to other countries	K2
3	describe the components of Foreign Trade and analyze India's Balance of Payments	K2
4	provide a qualitative and quantitative overview of different sectors of the Indian Economy	K3
5	identify various components of fiscal federalism in India	K4

K1 – Remember; K2 – Understand; K3 – Apply; K4- Analyse

Units	Contents	No. of Hours
I	Introduction to Indian Economy Features and Issues of Indian Economy - Planned Economic Development in India - Achievements and Failures of Planning in India – Economic Crisis and Rationale behind Economic Reforms – New Economic Policy (LPG) 1991 – NITI Aayog	15
II	National Income, Poverty and Human Development Index National Income – Sectoral Contributions and Economic Transition in India – Poverty and Inequality – Definition and Estimates, Gini Coefficient, Sen Index, Poverty Line - Income and Regional Inequalities: Causes and Measures, Unemployment: Nature and Extent, Measures – HDI – International Comparisons.	15
III	Sectors of the Indian Economy Indian Agriculture – Trends in Production and Productivity – Land Reforms – Green Revolution - Agricultural Pricing - Agricultural Marketing – Food Security - Industrial Development – Trends and Problems, MSMEs – Industrial Policy 1991 and Recent Developments - Overview of Service and Financial Sectors in India – Importance – Expansion of Private Banks.	14
IV	Foreign Trade Importance of Foreign Trade for a Developing Economy- Over view of service sector (Health, Education and Transport), Composition and Direction of India's Foreign Trade- Role of FDI and Foreign Institutional Investors- BOP Crisis - India's Trade Policy.	16
V	Fiscal Federalism Principles of Federal Finance – Fiscal Federalism in India – Vertical and Horizontal	15

	Imbalances – Reason Finance Commission.	
	Total	75

Self-Study	Importance of Foreign Trade for a Developing Economy
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Textbooks

1. Gaurav Datt and Ashwani Mahajan “Datt and Sundaram’s Indian Economy” S.Chand 72nd Edition.
2. Kaushik Basu (Ed.) (2012), Oxford Companion to Indian Economy, 3rd Edition, OUP, New Delhi.

Reference Books

1. Puri. V.K. & S.K. Misra (2022) Indian Economy.
2. Uma Kapila (Ed.) (2018) Indian Economy Since Independence.
3. Byres, T.J. (Ed.) (1997), The State, Development Planning and Liberalization in India, Oxford University Press, New Delhi.
4. Ashima Goyal (Ed.) The Oxford Handbook of the Indian Economy in the 21st Century: Understanding the Inherent Dynamism, Oxford University Press.
5. K. R. Gupta, J. R. Gupta, “Indian Economy”, Altanic, 2008.

Web Resources

1. <http://www.niti.gov.in/>
2. <https://www.rbi.org.in/>
3. <https://hdr.undp.org/>
4. <https://www.india.gov.in/>
5. <https://www.cmie.com/>

MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO 1	3	3	3	3	3	3	3	3	2	3	2	3	1
CO 2	3	3	2	3	3	3	3	3	3	3	2	3	2
CO 3	3	3	3	3	2	3	3	3	2	3	2	3	3
CO 4	3	2	3	3	3	2	3	3	2	3	3	3	3
CO 5	3	3	3	3	3	3	2	3	1	3	3	3	2
TOTAL	15	14	14	15	15	14	14	15	10	15	12	15	11
AVERAGE	3.0	2.8	2.8	3.0	2.8	2.8	2.8	3.00	2	3	2.4	3	2.2

S-Strong-3 M-Medium-2 L-Low-1

SEMESTER IV
ELECTIVE COURSE IV: RESEARCH METHODS IN ECONOMICS

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FU234EC1	4	-	-	-	3	4	60	25	75	100

Pre-requisite:

Basic knowledge about research

Learning objectives

- 1.To understand the meaning and significance characteristics of scientific research.
- 2.To know the formulation, selection of research problem and collection of reviews.

Course Outcomes

On the successful completion of the course, student will be able to:		
1	develop the Statistical Analysis to test Economic Theory and address Policy Issues	K1
2	know the sampling methods in Research.	K1
3	understand the overview of Social Science Research.	K2
4	explain the hypothesis testing and Principles of Report Writing.	K3
5	analyze the Research Process	K4

K1 – Remember; K2 – Understand; K3 – Apply; K4- Analyse

Units	Contents	No. of Hours
I	Introduction Research: meaning and significance Characteristics of Scientific Research - Type of Research: Pure, Applied, Analytical, Exploratory, Descriptive, Surveys, Case-Study - Limitations of Social Science Research - Role of Technology In Research.	12
II	Research Problem and Review of Literature Research Problem: Identify and formulating the problem – Review of literature: Primary and Secondary Sources -importance of literature review in defining a problem - research gap	12
III	Research Design Research Design: Concept and Importance in Research – Features of a Good Research Design – Exploratory Research Design – Descriptive Research Design – Experimental Design: Concept of Independent & Dependent variables.	12
IV	Hypothesis and Report Writing Test of hypothesis- Meaning, Types, Sources and Functions of Hypothesis-Test: Null and Alternative Hypothesis-Type-I and Type – II Errors – ‘t’ Test – Paired ‘t’ - test – Chi – Square test, ‘F’ test – Analysis of Variance - One way and Two-way ANOVA.	12
V	Publication Ethics Level of Significance and Critical Region - Report Writing -Types and Principles of writing the Research Report - Plagiarism	12
	Total	60

Self-Study	Report Writing
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Textbooks

1. Krishnaswamy, O.R. (1993) Methodology of Research In Social Sciences, Himalaya publishing House.
2. Kothari, C. R. (2004). Research Methodology: Methods and techniques. New Age International.

Reference Books

1. Taylor, B., Sinha, G., & Ghoshal, T. (2006). Research methodology: A guide to for researchers in management and social sciences. PHI Learning Pvt. Ltd.
2. Bhandarkar, P. L., Wilkinson, T. S., & Laldas, D. K. (2010). Methodology & Techniques of Social Research. Himalaya Publishing House.
3. Kumar, A. (2002). Research methodology in social science. Sarup & Sons.
4. Daniel, P. S., & Sam, A. G. (2011). Research methodology. Gyan Publishing House.
5. Ethridge, D. (2004). Research methodology in applied economics: organizing, planning, and conducting economic research, Blackwell publishing.

Web Resources

1. <http://ignou.ac.in>
2. <http://egyankosh.ac.in>
3. <https://www.educba.com>
4. <https://research.com/research/how-to-write-research-methodology>
5. <https://www.questionpro.com/blog/what-is-research/>

MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO 1	3	3	3	3	3	3	3	3	2	2	2	2	1
CO 2	3	3	2	3	3	3	3	3	2	2	2	2	3
CO 3	3	3	3	3	2	3	3	3	3	3	2	3	3
CO 4	3	3	3	3	3	2	3	3	1	2	2	3	3
CO 5	3	3	3	3	3	3	2	3	2	2	1	2	3
TOTAL	15	15	14	15	15	14	14	15	10	11	9	12	13
AVERAGE	3.0	3.0	2.8	3.0	2.8	2.8	2.8	3	2	2.2	2.2	2.4	2.6

S-Strong-3 M-Medium-2 L-Low-1

SEMESTER III / IV
SKILL ENHANCEMENT COURSE SEC-III: FITNESS FOR WELLBEING

Course Code	L	T	P	S	Credits	Total Hours	Marks		
							CIA	External	Total
UG23CSE1	1	-	1	-	2	30	25	75	100

Pre-requisite: Basic understanding of health and wellness concepts

Learning Objectives

1. To understand the interconnectedness of physical, mental, and social aspects of well-being, and recognize the importance of physical fitness in achieving holistic health.
2. To develop proficiency in mindfulness techniques, yoga practices, nutritional awareness, and personal hygiene practices to promote overall wellness and healthy lifestyle.

Course Outcomes

On the successful completion of the course, student will be able to:		
1	know physical, mental, and social aspects of health	K1
2	understand holistic health and the role of physical fitness.	K2
3	apply mindfulness and yoga for stress management and mental clarity.	K3
4	implement proper personal hygiene practices for cleanliness and disease prevention.	K3
5	evaluate and implement right nutritional choices.	K5

K1-Remember; K2-Understand; K3-Apply; K5-Evaluate

Unit	Contents	No. of Hours
I	Understanding Health and Physical Fitness Health – definition- holistic concept of well-being encompassing physical, mental, and social aspects. Physical fitness and its components- muscular strength- flexibility, and body composition. Benefits of Physical Activity- its impact on health and well-being.	6
II	Techniques of Mindfulness Mind – Mental frequency, analysis of thought, eradication of worries Breathing Exercises – types and its importance Mindfulness –pain management - techniques for practicing mindfulness - mindfulness and daily physical activities.	6
III	Foundations of Fitness Stretching techniques to improve flexibility. Yoga-Definition, yoga poses (asanas) for beginners, Sun Salutations (Surya Namaskar), Yoga Nidra – benefits of yoga nidra.	6
IV	Nutrition and Wellness Role of nutrition in fitness - macronutrients, micronutrients - mindful eating practices, balanced diet - consequences of overeating. Components of healthy food. Food ethics.	6
V	Personal Hygiene Practices Handwashing- techniques, timing, and importance, oral hygiene- brushing, flossing, and dental care, bathing and showering- proper techniques and frequency, hair care- washing, grooming, and maintaining cleanliness, maintaining personal hygiene, dangers of excessive cosmetic use.	6
	Total	30

Self-study	balance diet and basic excercises
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Textbook:

Bojaxa A. Rosy and Virgin Nithya Veena. V. 2024. *A Comprehensive Guide to Health, Fitness and Wellbeing*. JE Publications.

Reference Books:

1. Arul Raja Selvan S. R, 2022. *Yogasanam and Health Science*. Self publisher.
2. Vision for Wisdom. 2016. *Value Education*. The World Community Service Centre Vethathiri Publications.
3. WCSC – Vision for Wisdom. 2016. *Paper 1: Yoga and Empowerment*. Vazhga Valamudan Offset Printers Pvt Ltd 29, Nachiappa St, Erode.
4. Lachlan Sleight. 2023. *Stronger Together the Family's Guide to Fitness and Wellbeing*. Self Publisher.
5. William P. Morgan, Stephen E. Goldston. 2013. *Exercise And Mental Health*. Taylor & Francis.

Web Resources:

1. https://www.google.co.in/books/edition/Psychology_of_Health_and_Fitness/11YOAwAABAJ?hl=en&gbpv=1&dq=fitness+for+wellbeing&printsec=frontcover
2. https://www.google.co.in/books/edition/The_Little_Book_of_Active_Wellbeing/aA6SzgEACAAJ?hl=en
3. https://www.google.co.in/books/edition/Physical_Activity_and_Mental_Health/yu96DwAAQBAJ?hl=en&gbpv=1&dq=fitness+for+wellbeing&printsec=frontcover
4. https://www.google.co.in/books/edition/The_Complete_Manual_of_Fitness_and_Well/pLPAXPLIMv0C?hl=en&gbpv=1&bsq=fitness+for+wellbeing&dq=fitness+for+wellbeing&printsec=frontcover
5. https://www.google.co.in/books/edition/The_Wellness_Code/4QGZtwAACAAJ?hl=en

**SEMESTER IV
ENVIRONMENTAL STUDIES**

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
UG234EV1	2	-	-	-	2	2	30	25	75	100

Pre-requisite: Interest to learn about nature and surrounding.

Learning Objectives

- 1.To know the different types of pollutions, causes and effects
- 2.To understand the importance of ecosystem, resources and waste management

Course Outcomes

On the successful completion of the course, students will be able to:		
1.	know the different kinds of resources, pollution and ecosystems	K1
2.	understand the biodiversity and its constituents	K2
3.	use the methods to control pollution and, to conserve the resources and ecosystem	K3
4.	analyse the factors behind pollution, global warming and health effects for sustainable development	K4
5.	evaluate various water, disaster and waste management systems	K5

K1 - Remember; **K2** - Understand; **K3** – Apply; **K4** - Analyse; **K5** - Evaluate

Units	Contents	No. of Hours
I	Nature of Environmental Studies Multidisciplinary nature of environmental studies- scope of environmental studies - environmental ethics-importance- types- natural resources - renewable and non-renewable resources – forest, land, water and energy resources.	6
II	Biodiversity and its Conservation Definition: genetic, species of biodiversity - biodiversity hot-spots in India - endangered and endemic species of India – Red Data Book - In-situ and Ex-situ conservation of biodiversity. Ecosystem- types - structure and function - food chain - food web- ecological pyramids- forest and pond ecosystems.	6
III	Environmental Pollution Pollution - causes, types and control measures of air, water, soil and noise pollution. Role of an individual in prevention of pollution. Solid waste management: Causes, effects and control measures of urban and industrial wastes. Disaster management– cyclone, flood, drought and earthquake.	6
IV	Environmental Management and Sustainable Development From unsustainable to sustainable development -Environmental Law and Policy – Objectives; The Water and Air Acts-The Environment Protection Act - Environmental Auditing-Environmental Impact Assessment-Life Cycle Assessment- Human Health Risk Assessment, Water conservation, rain water harvesting, watershed management.	6
V	Social Issues and the Environment Population explosion-impact of population growth on environment and social environment. Women and Child Welfare, Role of information technology in environment and human health. Consumerism and waste products. Climate change - global warming, acid rain and ozone layer depletion.	6

	Field work: Address environmental concerns in the campus (or) Document environmental assets- river / forest / grassland / hill / mountain in the locality (or) Study a local polluted site-urban / rural / industrial / agricultural area.	
	Total	30

Self-study	Pollutants, Ecosystems and Resources
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Textbook

Punitha A and Gladis Latha R, 2024. Fundamentals of Environmental Science.

Reference Books

1. Agarwal, K.C., 2001. *Environmental Biology*, Nidi Publishers. Ltd. Bikaner.
2. Brunner R.C., 1989, *Hazardous Waste Incineration*, McGraw Hill Ltd.
3. Gorhani, E & Hepworth, M.T. 2001. *Environmental Encyclopedia*, Jaico Publ. House, Mumbai.
4. De A.K., 2018. *Environmental Chemistry*, Wiley Eastern Ltd.
5. Gleick, H.P. 1993. *Water in crisis*, Pacific Institute for Studies Oxford Univ. Press.

Web Resources

1. <https://www.sciencenews.org/topic/environment>
2. <https://news.mongabay.com/2024/05/>
3. https://www.sciencedaily.com/news/earth_climate/environmental_issues/
4. <https://wildlife.org/rising-oryx-numbers-may-distress-new-mexico-ecosystem/>
5. <https://phys.org/news/2024-02-global-wild-megafauna-ecosystem-properties.html>

SEMESTER III & IV
LIFE SKILL TRAINING II: CATECHISM

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
UG234LC1	1	-	-	-	1	1	15	50	50	100

Learning Objectives:

1. To develop human values through value education
2. To understand the importance of personal development to lead a moral life

Course Outcomes

On the successful completion of the course, student will be able to:		
1	know and understand the aim and importance of value education	K1, K2
2	get rid of inferiority complex and act confidently in the society	K3
3	live lovingly by facing loneliness and make decisions on their own	K3
4	develop human dignity and able to stand bravely in adversity	K6
5	learn unity in diversity and grow in a life of grace	K6

K1 - Remember K2-Understand; K3-Apply; K6- Create

Units	Contents	No. of Hours
I	Face Loneliness: Loneliness – Causes for Loneliness – Loneliness in Jesus Christ Life – Ways to Overcome Loneliness – Need and Importance Bible Reference: Matthew: 6:5-6	3
II	Inferiority Complex: Inferiority Complex - Types – Ways to Get Rid of Inferiority Complex – Words of Eric Menthol – Balanced Emotion – Jesus and his Disciples. Bible Reference: Luke 8:43-48	3
III	Decision Making: Importance of Decision Making – Different Steps – Search – Think – Pray – Decide- Jesus and his Decisions Bible Reference: Mathew 7:7-8 Independent: Freedom from Control – Different Types of Freedom - Jesus the Liberator Bible Reference: Mark 10:46-52	3
IV	Human Dignity: Basic Needs – Factors that Degrade Human Dignity – How to Develop Human Dignity. Bible Reference: Luke 6:20-26 Stand Bravely in Adversity: Views of Abraham Maslow – Jesus and his Adversity. Bible Reference: Luke 22:43	3
V	Unity in Diversity: Need for Unity – The Second Vatican Council on the Mission of Christian Unity. Bible Reference: I Corinthians 1:10 To Grow in a Life of Grace: Graceful Life – View of Holy Bible – Moses – Amos – Paul – Graceful Life of Jesus Bible Reference: Amos 5:4	3
TOTAL		15

Textbooks

Valvukku Valikattuvom, Christian Life Committee, Kottar Diocese
The Holy Bible

SEMESTER III & IV
LIFE SKILL TRAINING II: MORAL

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
UG234LM1	1	-	-	-	1	1	15	50	50	100

Learning Objectives:

1. To cultivate human values through value education
2. To comprehend the importance of humane and morals to lead ethical and moral life.

Course Outcome

On the successful completion of the course, student will be able to:		
1	know the significance of life	K1
2	understand the importance of self-care	K2
3	realise the duty of youngsters in the society and live up to it	K3
4	analyse how to achieve success in profession	K4
5	develop mystical values by inculcating good thoughts	K5

K1 - Remember; K2 - Understand; K3 – Apply; K4 - Analyse; K5 – Evaluate

Unit	Contents	No. of Hours
I	Edu Care: Introduction- -Personal Care-Temple of Mind-Emotional stability- Inner views- Internal and external Beauty- Life is a Celebration	3
II	Self-care: Self- discipline- Selfishness in doing good things- Adolescence stage- What am I? - Self-esteem- Self-Confidence- Respect for womanhood	3
III	Profession based Values: Time Management-Continuous effort- What next? –Present moment is yours, Hard work and Smart Work-Broad view- destruct your failures	3
IV	Mystical Values: Thoughts- Positive and negative thoughts- Origin of negative thoughts-Moralisation of needs- Elimination of obstacles	3
V	Society and you: Knowing Humanity-Thankfulness- love and happiness- Honesty- Heroism -Youth is gift of God-Youngsters in politics and social media utilization.	3
TOTAL		15

Text Book

“Munaetrathin Mugavari”, G. Chandran, Vaigarai Publisher

SEMESTER IV/VI
SELF-LEARNING COURSE: EVENT MANAGEMENT

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FU234SL1/FU236SL1	-	-	-	-	1	-	-	25	75	100

Pre – requisite

Basic knowledge about event management

Learning objectives

1. To equip students on the various facets of Event Management.
2. To provide students event management as a career option.

Course Outcomes

On the successful completion of the course, student will be able to:		
1	gain Knowledge on the various Committees involved	K1 & K3
2	review how to manage celebrities	K2
3	understand the growing importance of event industry	K2
4	examine the Growth process of event Management industry in India	K3
5	analyse the process involved in the event management industry and career Options	K4

K1 – Remember; K2 – Understand; K3 – Apply; K4- Analyse

Units	Contents
I	Introduction Event Management – Definition – objectives – Classification and Types of Events- Career Options
II	Event Management Strategy Process -Target Audience – Creativity - Purpose – Costs -Event Budget-Network with Suppliers- Creation of Social Media Accounts
III	Committees in Managing Events Organising Committee- Event Scheduling -Venue Selection- Recruitment of Event Staff-Event Safety-Emergency Planning and Checklist
IV	Celebrity Management Issues and Challenges -Cost Management and Budget –Confidentiality- Crowd Management
V	Management Companies Event Management Industry in India- Leading Event Management Companies

Textbooks:

1. Bhavana Chaudhari Dr. Hoshi Bhiwandiwalla(2019) A book of Event Management Kindle Edition, Nirali Prakashan Publishers.
2. Alex Genadinik Event planning -management & marketing for successful events(2015), Alex Genadinik publisher

Reference Books

1. Abhijeeth Bhattacharje (2020) Event Management : A zero Investment Startup Business Kindle Edition.
2. William O'Toole (2021) Events Feasibility and Development From Strategy to Operations Routledge
3. Julia Rutherford Silvers, William O' Toole (2020) Risk Management for Events, Routledge
4. Anukrati Sharma, Shruti Arora (2018) Event Management and Marketing: Theory, Practical

Approaches and Planning, Bharti Publications.

5. Allen, J. et al., 2011. Festival & Special event management. 5th edition. John Wiley & Sons: Brisbane.

Web Resources

1. <https://www.careerlauncher.com/rbi-grade-b/wto/>
2. <https://www.uou.ac.in/sites/default/files/slm/HM-402.pdf>
3. <https://www.bizzabo.com/blog/event-planning-websites/>
4. <https://www.tantraa.net/>
5. <https://eventplanningblueprint.com/>

MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	2	3	3	2	3	2	3	3	2	2	3	3
CO2	3	2	3	3	3	2	2	2	3	2	2	3	2
CO3	3	2	3	3	3	2	2	2	3	2	2	3	2
CO4	2	2	3	3	2	2	2	2	3	2	2	3	2
CO5	3	2	3	3	3	2	2	2	3	2	2	3	2
TOTAL	13	10	15	15	13	11	10	11	15	10	10	15	11
AVERAGE	2.6	2	3	3	2.6	2.2	2	2.2	3	2	2	3	2.2

S-Strong-3 M-Medium-2 L-Low-1

SEMESTER V
CORE COURSE IX: MONETARY ECONOMICS

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FU235CC1	5	-	-	-	4	5	75	25	75	100

Pre-requisite:

Students should have the knowledge of basic Economics

Learning Objectives:

1. To understand the theories that governs and its application.
2. To explain working of the Monetary System and its uses.

Course Outcomes

On the successful completion of the course, student will be able to:		
1.	understand the Theories of Demand for Money	K1&K2
2.	analyze the Concept and Forms of Money	K2&K4
3.	examine the Role of Financial Intermediaries and Banking System	K4
4.	evaluate Monetarism and Keynesianism	K5
5.	assess Monetary Stability and Inflation Dynamics	K5

K1 – Remember; **K2** – Understand; **K3** – Apply; **K4** – Analyze; **K5** – Evaluate

Units	Contents	No. of Hours
I	Demand for Money Demand for Money: Classical, Keynesian and Baumol's Inventory theoretic Approach- James Tobin's Portfolio Approach - Milton Friedman's Reformulated Quantity Theory.	15
II	Money Definition, functions, Importance-Forms of Money- Supply of Money (M1, M2, M3, M4)-Crypto Currencies.	15
III	Monetarism Vs Keynesianism Monetarism Vs Keynesianism- Comparison- Determinants of Money Supply – Money Multiplier. Supply Side Policies of Inflation.	15
IV	Non – Banking Financial Intermediaries Commercial Banks - Credit Creation – Role of Commercial Banks after Nationalisation- Narasimhan Committee Report- NBFI – Mutual Funds – Share Market - Central Bank Functions - Reserve Bank of India (RBI) -Monetary Policy and its Operations in India.	15
V	Monetary Stability and Central Bank Inflation and Deflation: Definition, Types, Causes and Effects- Demand-Pull and Cost-Push Inflation	15
	Total	75

Self study	Role of Commercial bank after Nationalization
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Textbooks:

1. Vaish M.C. (2004), Money, Banking and International Trade, New Age International (P) Ltd, New Delhi.
2. Sethi, T.T. (2003). Monetary Economics: S. Chand and Co., New Delhi.

Reference Books:

1. Gupta R.D. (1995), Keynes and Post Keynesian Economics, Kalyani Publishers, New Delhi.
2. Sundaram K.P.M. (1996), Money, banking and International Trade, Vikas, New Delhi.
3. Basil J. Moore (1965), An Introduction to the theory of Finance, Oxford University Press.
4. Ghosh, B.N. and Rama Ghosh. (1989). Fundamentals of Monetary Economics, Himalaya Publishing House, Mumbai.
5. Jhingan M. L. (2004), Monetary Economics, Konark Publication, New Delhi.

Web Resources:

1. www.rbi.org.in
2. <https://www.imf.org>
3. <https://www.oecd.org>
4. <https://www.bis.org/publ/work437.pdf>
5. <https://www.worldbank.org/>

MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

	PO 1	PO 2	PO3	PO4	PO5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO5
CO 1	3	3	3	3	3	3	3	3	3	3	3	3	2
CO 2	2	3	3	3	3	3	3	3	3	2	3	2	2
CO 3	3	3	3	2	2	3	3	3	3	2	3	2	2
CO 4	3	3	3	3	3	2	3	3	3	2	3	2	2
CO 5	3	3	3	3	3	3	2	3	3	3	3	3	3
TOTAL	14	15	14	14	15	14	14	15	15	12	15	12	11
AVERAGE	2.8	3.0	3.0	2.8	2.8	2.8	2.8	3	3	2.4	3	2.4	2.2

3 – Strong, 2 - Medium-2, 1 - Low

SEMESTER V**CORE COURSE X: FISCAL ECONOMICS**

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FU235CC2	5	-	-	-	4	5	75	25	75	100

Pre-requisites:

Fundamental knowledge about Fiscal Economics

Learning objectives:

- 1.To enable students to acquire Knowledge on the various facets of Fiscal Economics.
- 2.To evaluate the Budget of the Government of India, central and state relation.

Course Outcomes

On the successful completion of the course, student will be able to:		
1.	understand basic fiscal concepts like market failure, public goods, and the role of the government in finance.	K1 &K2
2.	understand public spending and debt, including how they are managed and the impact of deficit financing.	K2
3.	apply knowledge of Indian public finance, including government budgets and the impact of fiscal policies, and evaluate key policies like the FRBM Act.	K3
4.	analyze different fiscal theories and understand how fiscal policy works.	K4
5.	learn about taxes, their types, how they work, and the impact of GST on public revenue.	K5

K1 – Remember; K2 – Understand; K3 – Apply; K4- Analyse; K5 - Evaluate

Units	Contents	No. of Hours
I	Introduction Meaning, Nature, Scope, Objectives and Instruments -Major Fiscal Functions - Market Failure: Public Goods and Private Goods, Externalities, Efficiency versus Equity- Principles of Functional Finance.	15
II	Theories of Fiscal Economics and Policy The Benefit Approach- Cost of Service Approach - The Ability-to- Pay Approach-Equal Sacrifice Principle- Fiscal Policy and its Instruments.	15
III	Sources of Revenue Taxation -Features of a Good Tax System- Direct and Indirect Taxes - Concept of Impact- Incidence and Shifting of Taxation-Elasticity and Determination of Tax Burden - Optimal Taxation- Sources of Public Receipts (Tax and Non-Tax, GST and its Impacts)-	15
IV	Public Expenditure and Debt Meaning - Canons and Classification -Wagner's Law of Public Expenditure- Public Debt: Meaning and Types, Burden of Public Debt- Principles of Public Debt Management– Deficit Financing.	15
V	Indian Public Finance Role of Government in a Modern Economy- Public Budget: Types and Structure - Budget of the Government of India (Previous Financial Year)- Components of Public Expenditure-Sources of Public Borrowing and Debt Liabilities-Deficits-Appraisal of FRBM Act 2004- Fiscal Federalism: Centre and State Relations - 15 th Finance Commission Recommendations.	15
Total		75

Self Study	Components of Public Expenditure
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Textbooks:

1. Bhatia H.L (2012), Public Finance, Vikas Publications.
2. Tyagi B.P and H.P.Singh (2018), “ Public Finance” Jai Prakash Nath & Co, Meerut.

Reference Books:

1. Harvey Rosen (2005), Public Finance, (7th ed.), McGraw Hill Publications.
2. Agarwal, R. (2002). Public Finance. (4thed.). Agra: Lakshmi Narain Agarwal Publishers.
3. Tyagai (2004). Public Finance. (4thed.). Meerut: Jai Prakash Nath and Company.
4. Agarwal, R.C. & Seth, M.L. (2007). Public Finance Theory and Practice. (1sted.). Meerut: Lakshmi Narain Agarwal Publishers.
5. Hajela, T.N. (2010). Public Finance. (4thed.). Ane Books Pvt Ltd.

Web Resources:

1. <https://finmin.nic.in/>
2. <https://www.nipfp.org.in/>
3. <https://www.niti.gov.in/>
4. <https://www.gst.gov.in/>
5. <https://www.indiabudget.gov.in/>

MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO8	PSO1	PSO 2	PSO3	PSO4	PSO 5
CO 1	3	3	3	3	3	3	3	3	3	3	3	3	3
CO 2	3	3	3	3	3	3	3	3	3	2	3	2	2
CO 3	3	2	3	2	2	3	3	3	3	3	3	2	3
CO 4	3	3	3	3	3	2	3	3	3	3	3	2	2
CO 5	3	3	3	3	3	3	2	3	3	3	3	3	3
TOTAL	15	14	14	14	15	14	14	15	15	14	15	12	13
AVERAGE	3.0	2.8	3.0	2.8	2.8	2.8	2.8	3.0	3	2.8	3	2.4	2.6

3 – Strong, 2 - Medium-2, 1 - Low

SEMESTER V
CORE COURSE XI: AGRICULTURAL ECONOMICS

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FU235CC3	5	-	-	-	4	5	75	25	75	100

Pre-requisite:

Basic knowledge about Agricultural Economics

Learning Objectives:

1. To probe into the various issues in agricultural Labour
2. To apply behavioural approaches to economic Problems

Course Outcomes

On the successful completion of the course, student will be able to:		
1.	understand the relevance of Agricultural Economics and Development	K1 & K2
2.	analyze the trends in Agricultural Prices	K3
3.	evaluate the Major issues pertaining to Agriculture.	K3
4.	identify the sources and importance of Agricultural Finance	K3
5.	examine the importance of Agricultural Labour in Rural Development	K4

K1- Remember; K2-Understand; K3 –Apply; K4-Analyse

Units	Contents	No. Of Hours
I	Introduction Scope and significance of Agriculture- Role of Agriculture in India's Development- Inter-sectoral Linkages - Farm Management: Definition and Principles-Management of Risks in Agriculture.	15
II	Agricultural Labour Agricultural labour: Definition - Types – Supply of Labour –Problems - Rural Unemployment: Types, Consequences and Remedial Measures- Minimum Wages for Agricultural Workers– Recent Wage and Self-Employment Programmes	15
III	Agricultural Price Policy Objectives and need of Agricultural Price Policy – Stability and Trends in Agricultural Prices – Evaluation of Agricultural Price Policy in India – Agricultural Exports - Current Issues in Indian Agriculture.	15
IV	Sustainable Agriculture and Food Security Development issues: Poverty, Inequality, Unemployment and Environmental Degradation - Green Revolution: Recent Developments– Methods and Issues - Population and Food Supply- Food Security and Public Distribution System in India.	15
V	Agricultural Finance Agricultural Finance: Meaning, Nature, Types, Sources and Problems of Agricultural Finance- Cooperatives in Rural Finance-Role of Commercial Banks and NABARD – Farm Capital - Meaning, Types and Marginal Efficiency of Farm – Crop Insurance	15
	Total	75
Self study	Farm Capital - Meaning, Types and Marginal Efficiency of Farm	

Textbooks:

1. Lekhi R.K. and Joginder Singh, (2015), Agricultural Economics: An Indian Perspective,

Kalyani Publishers, Ludhiana.

2. Sadhu An, Singh Amarjit and Singh Jasbir, (2014), Fundamentals of Agricultural Economics,

Himalaya Publishing House, Delhi

Reference Books:

1. Janardhana Rao. N, (2005), Indian Agriculture: Issues and Perspectives, ICFAI University Press, Hyderabad.

2. Gray, L. C. (2013). Introduction to Agricultural Economics. Read Books Ltd

3. Barkley, A., & Barkley, P. W. (2016). Principles of Agricultural Economics. Routledge.

4. Cramer G.L. (2000) Agricultural Economics and Agribusiness (No. Ed. 8). John Wiley and Sons.

5. Colman, D., & Young, T. (1989). Principles of Agricultural Economics: Markets And Prices In

Less Developed Countries. Cambridge University Press.

Web Resources:

1. <https://icar.org.in/>

2. <https://www.icrisat.org>

3. <https://www.nabard.org/>

5. <https://farmer.gov.in/mspstatements.aspx>

MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	2	3	3	3	3	3	3	3	3	3	2
CO2	3	3	3	3	3	3	3	2	3	2	3	2
CO3	3	3	3	2	2	3	3	3	3	3	3	3
CO4	3	3	3	3	3	2	3	3	3	2	3	3
CO5	3	3	3	3	3	3	2	3	3	3	3	3
TOTAL	14	14	15	14	15	15	14	14	15	13	15	13
AVERAGE	2.8	2.8	3.0	2.8	3.0	3.0	2.8	2.8	3	2.6	3	2.6

3– Strong, 2-Medium, 1-Low

SEMESTER V
CORE RESEARCH PROJECT

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								Internal	External	Total
FU235RP1	-	-	-	5	4	5	75	25	75	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 her Project through a Viva-voce.

SEMESTER V**DISCIPLINE SPECIFIC ELECTIVE I: a) TAMIL NADU ECONOMY**

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FU235DE1	4	-	-	-	3	4	60	25	75	100

Pre-requisites:

Students should have the knowledge on Tamil Nadu Economy

Learning objectives:

1. To know the strength and weakness of Tamil Nadu's Agricultural and Industrial sector.
2. To analysis the state finances and its development initiatives

Course Outcomes

On the successful completion of the course, student will be able to:		
1	understand key economic and social indicators such as poverty index, work participation rate, literacy rate, and gender disparity.	K1 & K2
2	understand the industrial scenario in Tamil Nadu, including trends, MSMEs, and key industrial financial institutions.	K2
3	explore the service sector, focusing on tourism, medical tourism, women empowerment, self-help groups, microfinance, and environmental protection.	K3
4	analyze the agricultural sector, including land use, cropping patterns, irrigation, marketing issues, and agricultural finance.	K4
5	evaluate state finances and development initiatives, including the state budget, poverty alleviation, unemployment programs, and state welfare policies.	K5

K1 – Remember; K2 – Understand; K3 – Apply; K4- Analyse; K5 Evaluate

Units	Contents	No. of Hours
I	Introduction Salient features– Economic and Social Indicators - Gender Disparity Index– Poverty Index –Work Participation Rate – Unemployment Rate – Literacy Rate– Life Expectancy –Occupational Patterns.	10
II	Agriculture Land Use Patterns– Cropping Pattern–Irrigation - Agricultural Marketing – Defects and Remedial measures – Agricultural Finance – Policy and Issues	15
III	Industry Industrial Scenario in Tamil Nadu – Production Trends-MSMEs –Khadi and Village Industries- Industrial Financial Institutions: TIIC, SIDCO, SIPCOT, Industrial Estates-DIC, EPZ, SEZ: Tamil Nadu Perspective	15
IV	Service Sector Tourism and Medical Tourism – Women Empowerment Programme – Self Help Groups and Micro Finance- Environmental Protection Measures.	10
V	State Finances and Development Initiatives Revenue and Expenditure of the State – Tamil Nadu's Recent Budget – Poverty Alleviation and Unemployment Programmes – Education and Health Care and State Welfare Programmes.	10
	Total	60

Self Study	State Welfare Programmes
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Textbooks:

1. Leonard A.G,S.J, (2006), Tamil Nadu Economy, Macmillan India Ltd, New Delhi.

- Mariappan Manickam, (2006), Economic Development of TamilNadu in Perspective, Uyirmmai Publisher.

Reference Books:

- Jegadish Gandhi. P and Anbalagan. P (2016), Economy of Tamil Nadu Today: New Realities and Challenges, Regal Publications.
- Navaneethan, S (2022), Social Issues in India and Tamil Nadu, Tamizhi Books.
- Rajalakshmi, (1999), Tamil Nadu Economy, Business Publishers,
- Perumalsamy.S, (1955), Economic Development of Tamil Nadu, S. Chand, New Delhi.
- Veeramani A.R., (2015), Tamil Nadu Agricultural Economy, Divyasre Publication.

Web Resources:

- <https://tn.gov.in>
- <https://tnenvis.nic.in/>
- <https://www.msmeonline.tn.gov.in/>
- <https://ctd.tn.gov.in>
- <https://www.tamilnadutourism.tn.gov.in>

MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

	PO1	PO 2	PO 3	PO 4	PO5	PO 6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO 5
CO 1	3	3	3	3	3	3	3	3	3	3	3	3	3
CO 2	3	3	3	3	3	3	3	3	2	3	3	2	2
CO 3	2	2	3	2	2	3	3	3	3	3	2	2	3
CO 4	3	3	3	3	3	3	3	3	3	2	3	2	2
CO 5	3	3	3	3	3	3	2	3	2	3	3	3	3
TOTAL	14	14	14	14	15	14	14	15	13	14	14	12	13
AVERAGE	2.8	2.8	3.0	2.8	2.8	3.0	2.8	3.0	2.6	2.8	2.8	2.4	2.6

3 – Strong, 2 - Medium-2, 1 - Low

SEMESTER V**DISCIPLINE SPECIFIC ELECTIVE I: b) MANAGERIAL ECONOMICS**

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FU235DE2	4	-	-	-	3	4	60	25	75	100

Pre-requisite:

Basic knowledge about Managerial Economics

Learning Objectives:

1. To develop analytical and problem-solving skills among the students.
2. To enable students to Capital Budgeting and its concepts

Course Outcomes

On the successful completion of the course, student will be able to:		
1.	understand the sources of Finance for Business.	K2
2.	apply the Micro Economic Principles and applying it in Business Decision.	K3
3.	examine the concepts of Demand, Cost and Profit	K4
4.	determine and analyse the various Pricing Techniques.	K4
5.	appraise the Project Proposals	K5

K2-Understand; K3 –Apply; K4 - Analyse; K5 – Evaluate

Units	Contents	No. Of Hours
I	Introduction Nature and Scope of Managerial Economics - Meaning - Characteristics–Importance–Role and Responsibilities of Managerial Economist – Basic Economic Tools in Managerial Economics.	12
II	Demand, Cost and Profit Analysis Demand for Durable and Non-Durable Products, Demand Forecasting Techniques - Statistical and Non-Statistical Techniques -Cost Estimation - Cost-Volume-Profit Analysis (Break Even Analysis)- Objectives and Assumptions; Determination of Break Even Point, Limitations	12
III	Cost of Capital Sources of Funds for Long Term Financing-Cost of Debt Capital -Cost of Preferred Stock -Cost of Equity Capital or Common Stock-Cost of Retained Earnings.	12
IV	Pricing Policies and Practices Objectives - Popular Pricing Methods and Strategies- Price Discounts and Differentials- Pricing by Manufacturers and Retailers- Price Forecasting Capital Budgeting.	12
V	Capital Budgeting: Need for capital budgeting- Different steps in Capital Budgeting- - Appraisal Methods – Payback Method, Accounting Rate of Return, Cost–Benefit Method - Capital Rationing	12
	Total	60

Self study	Cost–Benefit Method - Capital Rationing
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Textbooks:

1. Mehta P.L (1997), Managerial Economics, Sultan Chand, New Delhi.

2. Varshney R.L., and Maheshwari K.L. (1997), Managerial Economics, Sultan Chand, N Delhi

Reference Books:

1. Dominic Salvatore, (1993), Managerial Economics, McGraw Hill Inc, New York
2. Ahuja. H. L. (2004), Business Economics, S. Chand & Co, New Delhi
3. L. Trivedi (2002), Managerial Economics: Theory and Applications Tata McGraw Hill.
4. Gregory Mankiw (2008) Economics: Principles and Applications, New Delhi, Cengage Learning India.
5. Dwivedi D.N (2000), Managerial Economics, Vikas Publishing House Pvt Ltd

Web Resources:

1. www.rbi.org
2. <https://nptel.ac.in/courses/110101005>
3. <https://www.managementstudyguide.com/managerial-economics>
4. <https://hbr.org/1976/11/pricing-policies-for-new-products>

**MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME
SPECIFIC OUTCOMES**

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3	3	3	3	2	2	3	3
CO2	3	3	3	3	3	3	3	3	2	3	3	3
CO3	3	2	3	2	2	3	3	3	3	3	3	3
CO4	3	3	3	3	3	3	3	3	3	2	3	3
CO5	3	3	3	3	3	3	2	3	3	3	3	2
TOTAL	15	14	15	14	15	15	14	15	13	13	15	14
AVERAGE	3.0	2.8	3.0	2.8	2.8	3.0	2.8	3	2.6	2.6	3	2.8

3– Strong, 2-Medium, 1-Low

SEMESTER V**DISCIPLINE SPECIFIC ELECTIVE I: c) FUNDAMENTALS OF MANAGEMENT**

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FU235DE3	4	-	-	-	3	4	60	25	75	100

Pre-requisite:

Basic knowledge about Management

Learning Objectives:

1. Introduce the basic concepts, principles, and functions of management.
2. Develop an understanding of the role of managers in organizations.

Course Outcomes

On the successful completion of the course, student will be able to:		
1.	understand the business environments and decision-making processes.	K2
2.	explain the basic principles and functions of management.	K3
3.	apply management functions in real-world business situations.	K4
4.	evaluate the role of leadership and motivation in management.	K4
5.	appraise strategies for effective business operations and control.	K5

; **K2**-Understand; **K3** –Apply; **K4** – Analyse; **K5** - Evaluate

Units	Contents	No. of Hours
I	Introduction to Management Definition, Nature, and Importance of Management-Evolution of Management Thought – Classical, Behavioral, and Modern Approaches-Management vs. Administration	12
II	Planning Nature, Purpose, and Types of Planning-Strategic, Tactical, and Operational Planning-Decision-Making Process-Management by Objectives (MBO)	12
III	Organizing Principles of Organizing Types of Organization Structures (Line, Staff, Matrix) Authority, Responsibility, and Delegation Departmentation and Span of Control	12
IV	Leading Leadership – Styles and Theories Motivation – Maslow's Hierarchy, Herzberg's Two-Factor Theory -Communication – Process, Barriers, and Effective Communication	12
V	Strategic Control and Performance Definition and Importance of Control-Types of Control – Pre-Control, Concurrent Control, Post-Control-Techniques of Control – Budgeting, Auditing and Performance Appraisal	12
	Total	60

Self study	Techniques of Control
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Textbooks:

1. Stephen P. Robbins, David A. DeCenzo, Mary Coulter Pearson " (2020)– "Fundamentals of Management: Essential Concepts and Applications
2. Samuel C. Certo, S. Trevis Certo "Modern Management: Concepts and Skills" – (2019)

Reference Books:

1. Harold Koontz, Heinz Weihrich(2015)"Management: A Global Perspective" – Publisher: McGraw-Hill Education 14th Edition.
2. James A. F. Stoner, R. Edward Freeman, Daniel R. Gilbert " (2004)Management"Publisher: Pearson Education 6th Edition
3. Stephen P. Robbins, Mary Coulter (2020) Principles of Management"Publisher: Pearson Edition: 15th Edition
4. Peter F. Drucker(1993), "Management: Tasks, Responsibilities, Practices" Publisher: Harper Business Edition: Revised Edition
5. Harold Koontz, Heinz Weihrich(2012)"Essentials of Management: An International Perspective"
Publisher: McGraw-Hill Education 9th Edition

Web Resources:

1. <https://www.coursera.org>
2. <https://www.khanacademy.org>
3. <https://ocw.mit.edu>
4. <https://hbr.org>

**MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME
SPECIFIC OUTCOMES**

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3	3	3	3	2	2	3	3
CO2	3	3	3	3	3	3	3	3	2	3	3	3
CO3	3	2	3	2	2	3	3	3	3	3	3	3
CO4	3	3	3	3	3	3	3	3	3	2	3	3
CO5	3	3	3	3	3	3	2	3	3	3	3	2
TOTAL	15	14	15	14	15	15	14	15	13	13	15	14
AVERAGE	3.0	2.8	3.0	2.8	2.8	3.0	2.8	3	2.6	2.6	3	2.8

3– Strong, 2-Medium, 1-Low

SEMESTER V**DISCIPLINE SPECIFIC ELECTIVE II: a) HISTORY OF ECONOMIC THOUGHT**

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FU235DE4	4	-	-	-	3	4	60	25	75	100

Pre-requisite:

Students should have basic knowledge in Economics

Learning 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

On the successful completion of the course, student will be able to:		
1.	identify the nature and significance and approaches of economic thoughts	K1& K2
2.	compare the mercantilism and Physiocracy	K2& K3
3.	relate the classical and Neo classical economics	K3& K4
4.	discover the Marxian contribution	K3& K4
5.	analyse the Indian Economic thought	K4& K5

K1-Remember; K2-Understand; K3 -Apply; K4 – Analyze; K5 - Evaluate

Units	Contents	No. of Hours
I	Ancient Economic Thought Nature and Significance of Economic Thought – Approaches of Economic Thought – Hebrew Economic Thought–Greek Thought–Plato–Aristotle–Roman Thought	12
II	Mercantilism And Physiocracy Mercantilism–St. Thomas Aquinas – Decline of Mercantilism – Physiocracy: Factor that gave rise to Physiocrats–Main ideas of Physiocrats.	12
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 – J.B. Say's Law of Market- Alfred Marshall Contribution–Welfare Economics–A.C.Pigou.	12
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	12
V	Indian Economic Thought & Nobel Laurates Economic Ideas of Thiruvalluvar – Dadabhai Naroji's Economic ideas – M.K.Gandhi's Economic Ideas– Contribution of Dr.B.R.Ambedkar–Amartya Sen's contribution – Manmohanomics – Contributions of recent four Nobel laureates	12
	Total	60
Self study	Contributions of recent four Nobel laureates	

Textbooks:

1. Lokanathan, V., (2010), History of Economic Thought, S.Chand, New Delhi.
2. S.Sankaran, A History of Economic Thought (2010) Margham Publications, Chennai

Reference Books:

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, Newyork.
4. Madan G.R., History and Development of Economic Thought, S.Chand, New Delhi
5. Rao Jaithirth,(2021), The Indian Conservative Indian Right Wing Thought, Juggernaut Publication, New Delhi

Web Resources:

1. <https://www.hetwebsite.net>
2. <https://www.marxists.org/subject/economy/index.htm>
3. <https://www.econlib.org>
4. <https://ocw.mit.edu/courses/economics/>
5. <https://oll.libertyfund.org>

**MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME
SPECIFIC OUTCOMES**

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	2	3	2	2	3	2	3	2	3	2	3
CO2	2	3	2	2	3	2	3	3	3	2	3	2
CO3	2	2	3	3	3	3	2	2	3	3	2	3
CO4	3	2	2	3	3	3	2	2	3	2	2	2
CO5	2	2	3	2	2	3	3	3	3	3	3	3
TOTAL	12	11	13	12	13	14	12	13	14	13	12	13
AVERAGE	2.4	2.2	2.6	2.4	2.6	2.8	2.4	2.6	2.8	2.6	2.4	2.6

3– Strong, 2-Medium, 1-Low

SEMESTER V
DISCIPLINE SPECIFIC ELECTIVE II: b) GENDER ECONOMICS

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FU235DE5	4	-	-	-	3	4	60	25	75	100

Pre-requisite:

Students should have basic knowledge in Economics

Learning Objectives:

1. To gain knowledge of the issues of women empowerment.
2. To analyze Gender Issues in Health, Environment, and Family Welfare Measures

Course Outcomes

On the successful completion of the course, student will be able to:		
1.	define key concepts of gender economics	K1& K2
2.	identify the gender issues at work place	K1& K2
3.	explain the problems of rural women	K2& K3
4.	describe the issues of wage discrimination and exploitation in unorganized sector	K3& K4
5.	assess the welfare measures for the social empowerment of women	K4& K5

K1-Remember; K2-Understand; K3 -Apply; K4 – Analyze; K5 - Evaluate

Units	Contents	No. of Hours
I	Introduction Definition- Objectives of Gender Studies - Importance of gender Studies –The need for Economics from a gender perspective – Gender and Poverty	12
II	Gender Inequality in Labor Market Gender and labour market - Issues of wage discrimination and exploitation in unorganized sector - Women's participation in organized sector - Gender issues at the work place	12
III	Women Empowerment Status and problems - problems of rural women - Initiatives towards recognition of women as agents of development from sixth five - year plan.	12
IV	Economic Empowerment Introduction - organized sector, unorganized sector - Role of Women in Economic Development – Women Entrepreneurs - Impact of Globalization on working women.	12
V	Social Empowerment Women in Higher Education - Gender issues in Health, Environment, Family welfare Measures	12
	Total	60

Self study	Gender Issues in Health, Environment, Family Welfare Measures
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Textbooks:

1. Eswaran, M, 2014. Why gender matters in economics. Princeton University Press.
2. Becchio, G, 2019. A History of Feminist and Gender Economics. Routledge

Reference Books:

1. Humphries, J. 2003. Gender and economics. Edward Elgar Publishing, PP - 586.

2. Dijkstra, G., & Plantenga, J. 2013. Gender and economics: a European perspective. Routledge, PP – 725.
3. Negra, D., & Tasker, Y. 2014. Introduction. Gender and recessionary culture. In Gendering the Recession, Duke University Press, PP – 523.
4. Joycy P. Jacobres, 2007. 3rd Edition, The Economics Gender, Wiled – Balck well Publication.
5. Pazhani Samy R, 2023. Gender Economics, Kindle Edition, Kindle Unlimited Publication.

Web Resources:

1. https://www.academia.edu › 9_Ch_1_Gender_Economics
2. <https://ftp.iza.org ›>
3. <https://www.oecd.org › derec › world bank group>
4. <https://docs.iza.org/dp13877.pdf>
5. https://www.undp.org/sites/g/files/zskgke326/files/migration/asia_pacific_rbap/RBAPGender-2012-GEPMI-Module-1.pdf

**MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME
SPECIFIC OUTCOMES**

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	3	3	3	3	2	3	2	3	2	2	3
CO2	3	3	2	3	2	2	2	3	3	3	3	3
CO3	3	2	3	2	3	3	2	3	2	3	3	2
CO4	3	3	2	3	2	2	3	2	3	3	2	3
CO5	2	3	2	3	3	2	3	2	3	2	3	2
TOTAL	13	14	12	14	13	11	13	12	14	14	13	13
AVERAGE	2.6	2.8	2.4	2.8	2.6	2.2	2.6	2.4	2.8	2.8	2.6	2.6

3– Strong, 2-Medium, 1-Low

SEMESTER V
DISCIPLINE SPECIFIC ELECTIVE II: c) PRINCIPLES OF MARKETING

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FU235DE6	4	-	-	-	3	4	60	25	75	100

Pre-requisite:

Students should have basic knowledge in Economics

Learning Objectives:

- 1.To gain knowledge of the concepts involved in marketing.
2. To understand the product planning and development.

Course Outcomes

On the successful completion of the course, student will be able to:		
1.	understand the meaning, concepts and importance of marketing	K1& K2
2.	discuss the impact of buying and assembling	K1& K2
3.	identify the classification of product and product planning	K2& K3
4.	analyze Development of New Product	K3& K4
5.	explain the importance and limitations of Sales Promotion	K4& K5

K1-Remember; **K2**-Understand; **K3** -Apply; **K4** – Analyze; **K5** - Evaluate

Unit	Contents	No. of Hours
I	Introduction to Marketing Marketing: Definition, Objectives and Importance–problems of Marketing Selling: Meaning – Differences between Selling and Marketing	12
II	Buying and Assembling Meaning of Buying – Kinds of Buyers –Problems of Buying –Assembling – Meaning – Advantages and Problems	12
III	Product Planning Meaning of Product – Classification of Product – Product Attributes – Product Line – Product Mix – Goals of Product Mix –Product Innovation.	12
IV	Managing the Product Development Development of New Product – Managing New Product – New Product Planning Process – Product Diversification – Product Elimination – Product Modification – Product Failure.	12
V	Sales Promotion Sales Promotion – Definition – Purpose – Importance – Objective – Growth – Advantages – Limitations	12
	Total	60

Self study	Managing New Product
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Textbook:

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

Reference Books:

1. Sherlekar.S.A; (2003) Marketing Management; 1st edition. New Delhi; Himalaya Publishers.

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

Web Resources:

1. <https://www.ama.org>
2. <https://academy.hubspot.com>
3. <https://www.coursera.org/courses?query=marketing>
4. <https://www.pkotler.org>
5. <https://www.marketing91.com>

**MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME
SPECIFIC OUTCOMES**

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	3	3	3	3	2	3	2	3	2	2	3
CO2	3	3	2	3	2	2	2	3	3	3	3	3
CO3	3	2	3	2	3	3	2	3	2	3	3	2
CO4	3	3	2	3	2	2	3	2	3	3	2	3
CO5	2	3	2	3	3	2	3	2	3	2	3	2
TOTAL	13	14	12	14	13	11	13	12	14	14	13	13
AVERAGE	2.6	2.8	2.4	2.8	2.6	2.2	2.6	2.4	2.8	2.8	2.6	2.6

3– Strong, 2-Medium, 1-Low

SEMESTER V**PROFESSIONAL COMPETENCY SKILL I- CAREER SKILLS**

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
UG235PS1	1	1	-	-	2	2	30	25	75	100

Pre-requisite: A foundational understanding of the basic communication skills and computer literacy.

Learning Objectives

1. To develop effective communication and interpersonal skills to enhance workplace interactions and teamwork
2. To build job readiness skills such as resume writing, interview techniques, and professional ethics

Course Outcomes

On the successful completion of the course, students will be able to:		
1	outline key career skills such as communication, teamwork, and problem-solving	K1
2	explain the importance of professional ethics, workplace etiquette, and time management	K2
3	demonstrate effective resume writing, interview techniques, and job application strategies	K3
4	assess different workplace scenarios to determine appropriate communication and conflict resolution strategies	K4
5	develop a personal career plan with clear goals, skills assessment, and strategies for professional growth	K5

K1- Remember; **K2-** Understand; **K3-** Apply; **K4-** Analyse; **K5-** Evaluate

Units	Contents	No. of Hours
I	Linguistic Skills Vocabulary, Resume Writing, Report Writing, Technical Writing, Agenda Preparation, Preparing Minutes, E-mail.	6
II	Employability Skills Social Etiquette, Telephone Etiquette, Interview Skills, Types of Interviews, Mock Interview, Group Discussion.	6
III	Digital Capabilities Digital Learning, Digital Participation, ICT Proficiency, Creative Production, Digital Identity, Digital well-being	6
IV	Body Language Defining Body Language, Scope and Relevance, Proxemics, Oculistics, Haptics, Kinesics, Paralanguage, Chronemics, Chromatics and Olfactics	6
V	Coping Mechanisms	6

	Goal Setting, Emotional Intelligence, Team Management, Stress Management, Time Management, Leadership Skills, Problem solving Skills, Decision Making.	
	Total	30

Self-study	Basic language skills and communication skills
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Textbook

Virgin Nithya Veena. V & Jemi A.R. 2025. *New Age Career Skills*.

Reference Books

1. Herta A. Murphy and Herbert W. Hildebrandt. 1997. *Effective Business Communication*. 7th edition. McGraw- Hill.
2. Jeff Butterfield. 2020. *Soft Skills for Everyone*. Cengage India Pvt. Ltd.
3. Jayaprakash N Satpathy. 2024. *Soft Skills for Career*. Urania Publishing House.
4. S. Xavier Alphonse S. J. 2008. *Change or Be Changed*. ICRDCE. Sri Venkateswara Printers. Chennai.
5. AK. Xavier. 2025. *Employability Skills*. JKP Publications. Madurai.

Web Resources

1. <https://exchange.nottingham.ac.uk/content/uploads/Professional-Competencies-Handbook-Sept-2018.pdf>
2. <https://vpge.stanford.edu/professional-development/competencies-grad-grow>
3. <https://vpge.stanford.edu/professional-development/competencies-grad-grow>
4. <https://www.indeed.com/career-advice/resumes-cover-letters/core-competencies-and-skills-valued-by-employers>
5. <https://resources.hrsg.ca/blog/what-s-the-difference-between-skills-and-competencies>

SEMESTER V**INTERNSHIP**

Course Code	L	T	P	S	Credits	Inst. Hours	Marks
CU235IS1	-	-	-	-	2	-	100

FRAMEWORK FOR INTERNSHIP

- Preparatory Inputs
- Industrial Visit
- Internship
- Periodic reviews by industry supervisor and faculty guide
- Report Writing
- Viva-voce

Note: Industries allowed – Govt./NGO/MSME/Rural Internship/Innovation / Entrepreneurship / Private Industry.

S.No.	Components	Marks
1	Industry Contribution	50
2	Report & Viva-voce	50

GUIDELINES FOR PREPARING INTERNSHIP REPORT

The training report should be presented in the following format only:

- The report should be printed in A4 sheets.
- Text Format in the report:
 - Times New Roman 12 Font size, with 1.5 line spacing.
 - Margins 1.5” left and 1” all other sides of the report.
- Page numbers should be placed at the bottom middle position.
- Chapters should be numbered as I, II, III and IV.
- The tables and charts should be in the format of 1.1, 1.2, etc.
- The training report should have a minimum of 25 pages and should not exceed 50 pages.
- Students should submit 2 hard copies of report (department copy + student copy) duly signed by the faculty guide and the HOD.
- The hard copy should be in bound format with soft binding as the cover page.
- Students are eligible for training evaluation only if she has completed 25 days of training.

FORMAT FOR INTERNSHIP REPORT

The report should be bound with pages in the following sequence:

- 1) Cover page - Outer cover of the report.
- 2) Front page - The format of cover page and front page should be one and the same.
- 3) Certificate
- 4) Company Certificate
- 5) Declaration
- 6) Acknowledgement
- 7) Contents
- 8) List of Tables if any
- 9) List of Figures/Charts if any
- 10) List of Abbreviations, if any
- 11) Chapter I, II, III and IV
- 12) Appendices
- 13) Bibliography

GUIDELINES FOR WRITING ACKNOWLEDGEMENT

The summer training report should contain acknowledgements in the following order:

- Principal & Secretary, College Management
- The Head of the Department
- Faculty guide and Industry supervisor
- Management of the organization in which training was taken up.

GUIDELINES FOR WRITING CHAPTERWISE REPORT

- **Chapter I** of the report should be titled as "**INTRODUCTION**". The Introduction chapter should include Introduction, Importance, Objectives, Scope and Period of the training.
- **Chapter II** of the report should be titled as "**COMPANY PROFILE**".
- **Chapter III** of the report should be titled as "**ACTIVITIES DONE.**" The third chapter should cover the objectives of the different departments and its functioning and also the learning outcome.
Tables and figures in a chapter should be placed in the immediate vicinity of the reference where they are cited.
- **Chapter IV** should be titled as "**CONCLUSION**". The Conclusion part should include the observations made by the trainee in each department and the extent of fulfillment of training objectives and also reflections.

SEMESTER V**HUMAN RIGHTS, JUSTICE AND ETHICS**

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
UG235HR1	1	-	-	-	1	1	15	50	50	100

Learning Objectives

1. To identify issues, problems, and violations of human rights.
2. To promote awareness of social justice, equality and human dignity.

Course Outcomes

On the successful completion of the course, students will be able to:		
1.	explain human rights principles and the role of the UN, with a focus on human rights issues in India.	K1, K2
2.	apply ethical principles in social, national, and professional contexts.	K3
3.	analyse social justice issues like untouchability, casteism, and discrimination.	K4
4.	examine legal frameworks for women's and child rights in India.	K4
5.	assess media's influence on values, digital rights, and consumerism.	K5

K1-Remember; **K2** - Understand; **K3** – Apply; **K4** - Analyse; **K5** - Evaluate

Units	Contents	No. of Hours
I	Social Justice: Concept and need for social justice-Parameters of social justice - Issues: untouchability, casteism, and discrimination	3
II	Foundations of Human Rights: Concept and principles of human rights-United Nations and Human Rights- Human rights concerns in India	3
III	Women's Rights and Child Rights: UN and women's rights – major issues -Constitutional and legal provisions for women in India - Child rights in India – Major Issues -legal framework and enforcement	3
IV	Values and social media: Media Power- Socio, cultural and political consequences of mass mediated culture - New media prospects and challenges - Role of media in value building -Digital Rights and Privacy- Consumerist culture	3
V	Ethics: Meaning and Importance- Social ethics: Tolerance, equity, justice for all -Nationalism: love for nation, pride for nature- Professional ethics: Dedication to work and duty.	3
	Total	15

Self-study	Mass Media: Effects and Influence on youth and children
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Reference Books

1. Baxi, Upendra. 2008 *The Future of Human Rights*. Oxford University Press,.
2. Donnelly, Jack. 2013. *Universal Human Rights in Theory and Practice*. Cornell University Press.
3. Agnes, Flavia. *Law and Gender Inequality: The Politics of Women's Rights in India*. Oxford University Press, 2001.
4. *State of the World's Children 2021*. UNICEF
5. McLuhan, Marshall. *Understanding Media: The Extensions of Man*. MIT Press, 1994.
6. Zuboff, Shoshana. *The Age of Surveillance Capitalism: The Fight for a Human Future at the New Frontier of Power*. PublicAffairs, 2019.
7. Singer, Peter. *Practical Ethics*. Cambridge University Press, 2011.

Web Recourses

1. http://www.oxfordreference.com/views/BOOK_SEARCH.html?book=t286
2. <http://globetrotter.berkeley.edu/humanrights/bibliographies/>
3. <https://libguides.princeton.edu/history/humanrights>

SEMESTER VI**CORE COURSE XII: INTERNATIONAL ECONOMICS**

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FU236CC1	6	-	-	-	5	6	90	25	75	100

Pre-requisites:

Fundamental knowledge about International Economics

Learning 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

On the successful completion of the course, student will be able to:		
1	understand the basics of international economics, including the differences between internal and international trade, terms of trade, and factors affecting them.	K1 &K2
2	understand the foreign exchange market, exchange rates, and different theories of exchange rates like Mint Parity and Purchasing Power Parity.	K2
3	understand trade policies, including tariff and non-tariff barriers, their effects, and the impact of free trade versus protectionism.	K3
4	analyze various theories of international trade, such as Absolute Advantage, Comparative Advantage, and Factor Endowments, and understand their significance.	K4
5	evaluate the balance of payments, including equilibrium, disequilibrium, and adjustment mechanisms like export promotion and import substitution.	K4

K1 – Remember; K2 – Understand; K3 – Apply; K4- Analyse

Units	Contents	No. of Hours
I	Introduction Meaning - Nature and Scope -Importance of International Economics - Differences between internal trade and international trade – Benefits and Defects of international trade – Terms of trade – Factors affecting terms of trade - Gains –Nature and Sources– Factors determining size of gain	18
II	Theories of International Trade Absolute Advantage: Adam Smith - Comparative Advantage: David Ricardo - Opportunity Cost: Haberler - Reciprocal Demand: Mill - Offer Curves: Marshall - Factor Endowments: Heckscher-Ohlin -	18
III	Foreign Exchange Market Function and structures - Exchange Rates: Fixed, Flexible, Floating, Pegged, Nominal and Real Exchange Rates - Theories of Exchange Rates: Mint Parity Theory, Purchasing Power Parity Theory, and Balance of Payments Theory.	18
IV	Balance of Payments The Balance of Payments Account - Equilibrium and Disequilibrium in BOP - Surplus and Deficit in BOP-Adjustment Mechanism: Direct and Indirect Mechanisms– Export Promotion and Import Substitution.	18
V	Trade Policy Tariff and Non-Tariff Barriers – Effects – Quotas - Import Quotas Vs Tariffs - Free Trade and Economic Development-Free Trade Vs Protection – Export Import Policy	18
	Total	90

Self Study	Economic Growth and International Trade
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Textbooks:

1. Mithani D.M (2002), Introduction to International Economics, Vora & Co Publishers, Bombay.
2. Dwivedi, D. N. (2013). International Economics: Theory and Policy. Vikas Publishing House, New Delhi.

Reference Books:

1. M.L Jhingan, (2016) International Economics, Vrinda publications.
2. K.R.Gupta, (2017) International Economics, Atlantic Publishers.
3. Leamer, E. E., & Stern, R. M. (2017). Quantitative International Economics, Routledge.
4. Vaish, M.C. (2010). International Economics, New Delhi: Oxford & IBH Publishing House.
5. Francis Cherunilum. (2006). International Economics. Tata Mc Graw, Hill Publishing Company Ltd.

Web Resources:

1. <https://www.imf.org>
2. <https://www.forextime.com/education/forex-trading-for-beginners>
3. <https://www.weforum.org/>
4. <https://www.wto.org/>
5. https://policy.trade.ec.europa.eu/eu-trade-relationships-country-and-region/negotiations-and-agreements_en

MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO 7	PO 8	PSO 1	PSO2	PSO3	PSO4	PSO 5
CO 1	2	3	3	3	3	3	3	3	3	3	3	3	3
CO 2	3	3	3	3	3	3	3	3	3	2	3	2	2
CO 3	3	3	3	2	2	3	3	3	3	3	2	2	3
CO 4	3	3	2	3	3	2	3	3	3	2	3	2	2
CO 5	3	3	3	3	3	3	2	3	2	2	2	3	3
TOTAL	14	15	14	14	15	15	14	15	14	12	13	12	13
AVERAGE	2.8	3.0	2.8	2.8	2.8	2.8	2.8	3.0	2.8	2.4	2.6	2.4	2.6

3 – Strong, 2 - Medium-2, 1 - Low

SEMESTER VI
CORE COURSE XIII: DEVELOPMENT ECONOMICS

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FU236CC2	6	-	-	-	5	6	90	25	75	100

Pre-requisite:

Students should have basic knowledge in Economics

Learning Objectives:

1. To understand the concept and Theories of Economic Development
2. To acquire knowledge of planning and development theories, five year plans and growth models of our economy

Course Outcomes

On the successful completion of the course, student will be able to:		
1.	describe the characteristics of growth and development	K1& K2
2.	illustrate the theories of development and growth	K1& K2
3.	analyze the stages of economic growth and planning	K2& K3
4.	discover Dr.Manmohan's growth strategies	K2& K3
5.	analyze the success and failures of planning in India	K4& K5

K1-Remember; **K2**-Understand; **K3** -Apply; **K4** – Analyze; **K5** - Evaluate

Units	Contents	No. of Hours
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	18
II	Theories of Economic Development Adam Smith's theory of Economic Development – The Ricardian Theory – The Malthusian Theory – The Marxian Theory – The Schumpeterian Theory	18
III	Theories of Economic Growth Rostow's Stages of Economic growth – Big Push Theory – Doctrine of balanced and unbalanced growth – Critical minimum effort thesis	18
IV	Planning and Growth Strategy Meaning – Types – Requisites of effective planning – Mahalanobi's two sector model – Manmohan's Growth Strategies.	18
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 – NITI Aayog	18
	Total	90

Self study	NITI Aayog
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Textbooks:

1. 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 Measurement of Technical Change*. (3rd Edition). 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 UniversityPress.

Web Resources:

1. <https://www.niti.gov.in>
2. <https://www.worldbank.org/en/topic/development>
3. <https://ocw.mit.edu/courses/economics/>
4. <https://hdr.undp.org>
5. <http://egyankosh.ac.in/>

**MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME
SPECIFIC OUTCOMES**

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	2	3	2	2	3	2	3	2	3	2	3
CO2	2	3	2	2	3	2	3	3	3	2	3	2
CO3	2	2	3	3	3	3	2	2	3	3	2	3
CO4	3	2	2	3	3	3	2	2	3	2	2	2
CO5	2	2	3	2	2	3	3	3	3	3	3	3
TOTAL	12	11	13	12	13	14	12	13	14	13	12	13
AVERAGE	2.4	2.2	2.6	2.4	2.6	2.8	2.4	2.6	2.8	2.6	2.4	2.6

3– Strong, 2-Medium, 1-Low

SEMESTER VI
CORE COURSE XIV: INDUSTRIAL ECONOMICS

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FU236CC3	5	-	-	-	4	6	90	25	75	100

Pre-requisite: Basic knowledge about Industrial Economics

Learning Objectives:

1. To discuss the features, performance and development issues of the Indian Economy
2. To describe the growth patterns in Indian Industrial Sector

Course Outcomes

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

1.	explain the importance of Industrial Economics	K1
2.	understand theories of industrial Location	K2
3.	appraise the relevance of Industrial Policies	K3
4.	execute the Industrial belts of the World and India	K4
5.	analyse the Industrial Trends in the Indian Economy.	K4

K1-Remember; K2-Understand; K3 –Apply; K4 - Analyse

Unit	Contents	No. Of Hours
I	Introduction Nature and scope of Industrial Economics - History of Industrial Revolution - Digital Revolution -Classification of Industries: Public Sector, Private Sector and Public Private Partnerships- Large, MSMEs, Cottage Industries- Concept of Plant, Firm and Industry.	18
II	Theories of Location Theories of Industrial Location - Weber - Sargant Florence - Factors Affecting Location-Localization -Glocalization of Industries – Decentralization of Industries-Industrial Efficiency and Economic Efficiency- Measures of Concentration - Concentration ratio - Hirschman - Herfindahl Index.	18
III	Industrial Licensing Industrial Licensing – MRTP Act – Industrial Policies -Industrial Productivity -Capacity Utilization - Industrial Sickness- Mergers and Acquisitions – Profitability and Efficiency.	18
IV	Industrial Dynamics: Industrial Regions of the World and India -Industrial Clusters in India- Sunrise Sector- Regional Backwardness- Government Initiatives.	18
V	Growth Trends in India Industrial Growth in India: Trends and Prospects – Incentives to Promote Industrialization – Ease of Doing Business Ranking -MNCs in India -Special Economic Zones- FDI Policy- Make in India Initiative: Indian perspective- Industrial Policy.	18
	Total	90

Self study	Make in India Initiative- National Manufacturing Policy.
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Textbooks:

1. Rajesh Kumar R(2021) Industrial Economics and Foreign Trade Jyothis Publishers
2. Dennis W.Carlton and Jeffrey M.Perloff, Modern Industrial Organisation, Cambridge

University Press, 2015

Reference Books:

1. Kuchhal, S. C. Industrial Economy of India, Chaitanya Publishing House, Allahabad (1980)
2. Dhingra I.C and Nitin Dhingra (2013) Industrial Economics Book Age Publications
3. Martin, S., (2001) Advanced Industrial Economics, 2nd Edition, Wiley-Blackwell
4. Paul Belleflameet. l. "The theory of Industrial Organisation- Markets and Strategies", Cambridge University Press, 2012
5. John Weiss (2011) The Economics of Industrial Development, Routledge

Web Resources:

1. <https://msme.gov.in/>
2. <https://dri.nic.in/>
3. <https://dpiit.gov.in/>
4. <https://www.india.gov.in/topics/industries>
5. <https://business.mapsofindia.com/india-industry>

**MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME
SPECIFIC OUTCOMES**

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3	3	3	3	3	2	2	3
CO2	3	3	3	3	3	3	3	3	3	2	2	3
CO3	3	2	3	3	2	3	3	3	3	2	3	3
CO4	3	3	3	3	3	3	3	2	3	2	3	3
CO5	3	3	3	3	3	3	2	3	3	2	3	3
TOTAL	15	14	15	15	15	15	14	14	15	10	13	15
AVERAGE	3.0	2.8	3.0	3.0	2.8	3.0	2.8	2.8	3	2	2.6	3

3– Strong, 2-Medium, 1-Low

SEMESTER VI
DISCIPLINE SPECIFIC ELECTIVE III: a) BEHAVIOURAL ECONOMICS

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FU236DE1	5	-	-	-	3	5	75	25	75	100

Pre-requisite:

Basic knowledge about Behavioural Economics

Learning Objectives:

1. To provide an overview of how Behavioural Principles in economics
2. To apply behavioural approaches to economic Problems

Course Outcomes

On the successful completion of the course, student will be able to:		
1.	understand the flexibility and limitations of the economic approach to modelling behaviour and demonstrate knowledge of the evolution and methods used in behavioural economics	K1
2.	identify ways in which individuals are systematically irrational	K2
3.	apply Prospect Theory to understand how people make decisions when presented with alternatives that involve risk, probability and uncertainty.	K3
4.	examine to use existing behavioural models to understand new economic phenomena and analyse how deviations in rationality impact economic decisions.	K4
5.	analyse the policy the different aspects of the concept of mental accounting	K4

K1-Remember; K2-Understand; K3 –Apply; K4 – Analyse;

Unit	Contents	No. Of Hours
I	Introduction to Behavioural Economics Nature of Behavioural Economics – Methodological approach: Theory and evidence – Origin of Behavioural Economics – Neo – Classical and behavioural approaches to studying economic relationship with other disciplines.	15
II	Fundamentals of Behavioural Economics Values, Preferences and choices: The standard model – Axioms, assumptions and definition- The neutron – scientific basis of utility – application: Case studies on abstention, Environment protection and drug addiction – Decision making under risk and uncertainty: Prospect theory – reference points – loss averse – shape of utility function.	15
III	Inter Temporal Choice The discounted utility model: origin and features of discounted utility model– Methodology – Anomalies in DUM – Alternative inter temporal choice models: Time preference – Time inconsistent preferences – Hyperbolic discounting.	15
IV	Behavioural Game Theory Nature of behavioural game theory – Mixed strategies – Bargaining – Iterated games – Signal – Learning – Application: Case Studies on market entry in Monopoly and Impasses in bargaining and self.	15
V	Social Preferences The standard model – Nature of social preferences – Factors affecting social preferences – Modeling social preferences – Inequality aversion models – Reciprocity models.	15

	Total	75
Self study	Modeling social preferences	

Textbooks:

1. Hal R. Varian (2014). Intermediate Microeconomics: A Modern Approach (Chapter 3), WW. Norton and Company, New York.
2. Nick Wilkinon Matthias Klaes (2018), An Introduction to behavioural economics, Macmil Education, London.

Reference Books:

1. Alain Samson (ed.), (2015), The Behavioural Economics Guide 2015.
2. Diamond, P. and H. Vartianen (2007), Behavioural Economics and Its Application, Princess University Press.
3. Richard Thaler (2015), Misbehaving: the making of behavioural economics, Allen Lane, Imprint of Penguin Books, London.
4. Sanjit S. Dhami (2016), The foundations of behavioural economic analysis, Oxford University Press, Oxford, United Kingdom.

Web Resources:

1. <https://www.povertyactionlab.org/>
2. <https://www.exploring-economics.org/en/orientation/behavioral-economics/>
3. <https://www.behavioraleconomics.com/>
4. academic.oup.com/restud/pages/behavioral_economics
5. www.behavioraleconomics.com/BEGuide2017.pdf

**MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME
SPECIFIC OUTCOMES**

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	3	3	3	3	3	3	3	3	3	2	2
CO2	3	3	3	3	3	3	3	3	3	3	2	2
CO3	3	3	2	2	3	3	3	3	3	3	2	2
CO4	3	3	3	3	3	2	3	3	3	3	3	3
CO5	3	3	3	3	3	3	3	3	3	2	3	3
TOTAL	14	15	14	14	15	15	15	15	15	14	12	12
AVERAGE	2.8	2.8	3.0	2.8	3.0	3.0	2.8	3	3	2.8	2.4	2.4

3– Strong, 2–Medium, 1–Low

SEMESTER VI**DISCIPLINE SPECIFIC ELECTIVE III: b) ENVIRONMENTAL ECONOMICS**

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FU236DE2	5	-	-	-	3	5	75	25	75	100

Pre-requisite:

Students should have the knowledge of financial markets

Learning Objectives:

1. To understand the theoretical basis of Environmental Economics.
2. To choose the relevant economic tools to improve Environmental Quality

Course Outcomes

On the successful completion of the course, student will be able to:		
1.	understand the Fundamentals of Environmental Economics	K1& K2
2.	analyze the Economics of Natural Resources	K2& K4
3.	examine Market Failures in Environmental Economics	K3
4.	apply Environmental Valuation Techniques	K3& K5
5.	evaluate Pollution Control Strategies	K5

K1 – Remember; **K2** – Understand; **K3** – Apply; **K4** – Analyze; **K5** – Evaluate

Unit	Contents	No. of Hours
I	Fundamentals of Environmental Economics Definition, Scope and Significance - Environment – Economy Linkages – Material Balance Approach - Malthusian and Neoclassical perspective of Environment - Sustainable Development - Environment Kuznets Curve.	15
II	Economics of Natural Resources Classification of Natural Resources - Scarcity and Measurement - Economics of Exhaustible Resources - Economics of Renewable Resources.	15
III	Market Failure Environment as a Public Good - Tragedy of Commons-Externalities - Pigouvian Fee and Coase theorem on Property Rights.	12
IV	Valuation of Environment Total Economic Value - Contingent Valuation Method – Stated Preference - Travel Cost Model - Hedonic Pricing - Economics of Sustainable Development - Green Accounting – Ecological Footprint, Carbon Footprint, Ecological Shadow.	18
V	Pollution Control Meaning and Types of pollution – Role of pollution Optimal level of Pollution - Regulation of Pollution through Economic Instruments - Command and Control Approach.	15
	Total	75

Self study	Economics of renewable resources
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Textbooks:

1. Karpagam. M, (2017), Environmental Economics–Third Edition, Sterling Publication Pvt. Ltd, Noida.
2. Nick Hanley, Jason Shogren and Ben White, (2013), Introduction to Environmental

Economics, Second Edition, Oxford University Press, Oxford.

Reference Books:

1. Maureen L. Cropper and Wallace E. Oates, "Environmental Economics: A Survey", Journal of Economic Literature, Volume 30, 1992.
2. Barry C. Field, (1994) Environmental Economics: An Introduction, Singapore, McGraw-Hill.
3. Hussien, Ahmed.M.(1999), Principles of Environmental Economics: Economics, Ecology and Public Sector. London: Routledge.
4. Dr.S.Sankaran(2012) Environmental Economics Margham Publications.
5. Mark Maslin(2014) "Climate Change: A Very Short Introduction 3rd Edition Oxford University Press.

Web Resources:

1. <https://unfccc.int/>
2. <https://www.undp.org/>
3. <http://moef.nic.in/>
4. <https://www.envis.nic.in>
5. <https://www.unep.org>

MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO 1	3	3	3	3	3	3	3	3	3	3	2	2	3
CO 2	3	3	3	3	3	3	3	3	3	3	2	2	3
CO 3	3	2	3	2	2	3	3	3	3	3	2	3	3
CO 4	3	3	3	3	3	2	3	3	2	3	2	3	3
CO 5	3	3	3	3	3	3	2	3	3	3	2	3	3
TOTAL	15	14	15	14	15	14	14	15	14	15	10	13	15
AVERAGE	3.0	2.8	3.0	2.8	2.8	2.8	2.8	3.00	2.8	3	2	2.6	3

3– Strong, 2-Medium, 1-Low

SEMESTER VI
DISCIPLINE SPECIFIC ELECTIVE III: c) ECONOMICS OF TOURISM

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FU236DE3	5	-	-	-	3	5	75	25	75	100

Pre-requisite:

Students should have the knowledge of basic Economics

Learning Objectives:

1. To familiarise students with the basic concepts of Tourism.
2. To probe the tourism demand forecasting and its methods.

Course Outcomes

On the successful completion of the course, student will be able to:		
1.	understand the Fundamentals of Tourism Economics	K1& K2
2.	analyze Recent Trends in Tourism	K1& K4
3.	examine the Economic and Environmental Impacts of Tourism	K2& K3
4.	explore Tourism in India	K2& K5
5.	understand the Role of Tourism Organizations	K2

K1 – Remember; **K2** – Understand; **K3** – Apply; **K4** – Analyze; **K5** – Evaluate

Units	Contents	No. of Hours
I	Introduction Introduction – Economics, and Tourism - Tourism Demand - Theoretical background - Types of Tourism Demand - Determinants of Tourism Demand	15
II	Recent Trends in Tourism Public and Private Sectors in Tourism - the Need for Public and Private Sector Co-operation in Tourism – Growth of Tourism Demand in India.	15
III	Tourism Impacts Impact of Tourism - Economic Aspects - the Multiplier Effect - Displacement Effect and Tourism - Tourist Spending - Costs and Benefits of Tourism to Community - Environmental Aspects – Contingency Valuation Method	15
IV	Tourism in India Major tourism circuits of India: Inter-State and Intra-State – Heritage Tourism – Wildlife Tourism and Eco Tourism – Medical Tourism in India.	15
V	Tourism Organizations Role and Functions of World Tourism Organization (WTO), Pacific Asia Travel Association (PATA), World Tourism & Travel Council (WTTC) - Ministry of Tourism, Govt. of India, ITDC, Department of Tourism, Government of Tamil Nadu TTDC – IHA-IATA- TAAI- IATO-TFDC.	15
	Total	75

Self study	Determinants of tourism demand
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Textbooks:

1. Stephen Ball (2007), Encyclopaedia of Tourism Resources in India, B/H.
2. Manoj Dixit (2002), Tourism Products, New Royal Book Co. Lucknow.

Reference Books:

1. Bhatia A.K (2020), Tourism Development : Principles and Practices Sterling Publishers Private Limited.

2. Mishra P.K (2018), Tourism in India: Potential, Problems and Prospects(2018) New Century Publications.

3. Prasanna Kumar (2017), Marketing for Hospitality and Tourism Mc Graw Hill Education .

4. Sneha Pathak and RiteshMishra (2019), Medical Tourism in India 93-88797-49-8 .

5. Geetanjali (2010)Tourism Management ABD Publishers.

Web Resources:

1. <https://www.unwto.org/>

2. <https://itdc.co.in/>

3. <https://tourism.gov.in/>

4. <https://www.traveldailymedia.com/importance-of-travel-website-for-the-travel-company/>

5. <https://www.oecd.org/cfe/tourism/>

MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	2	2	3	2	3	3	3	2	2
CO2	2	3	2	2	3	2	2	3	3	2	2	2
CO3	3	2	3	2	3	2	2	3	3	3	3	3
CO4	2	3	2	2	2	2	3	3	3	3	2	2
CO5	3	3	3	2	3	3	3	3	3	3	2	2
TOTAL	13	14	13	10	13	12	12	15	15	14	11	11
AVERAGE	2.6	2.8	2.6	2	2.6	2.4	2.4	3	3	2.8	2.2	2.2

3– Strong, 2-Medium, 1-Low

SEMESTER VI
DISCIPLINE SPECIFIC ELECTIVE IV: a) FINANCIAL MARKETS AND INSTITUTIONS

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FU236DE4	5	-	-	-	3	5	75	25	75	100

Pre-requisite:

Students should have the knowledge of financial markets

Learning Objectives:

1. To know the financial architecture of an economy and its key players.
2. To understand the fabrication of Indian Financial markets.

Course Outcomes

On the successful completion of the course, student will be able to:		
1.	understand the Fundamentals of Financial Systems and Economic Development	K1& K2
2.	analyze the Role of Financial Institutions – I	K2& K4
3.	evaluate the Role of Financial Institutions – II	K3
4.	examine the Derivatives Market	K3
5.	analyze the Exchange Market and Foreign Capital Flows	K4

K1 – Remember; **K2** – Understand; **K3** – Apply; **K4** – Analyze

Unit	Contents	No. of Hours
I	Introduction Introduction to Financial System and Economic Development - Indicators of Financial Development, Concepts and types of Risk -Types of Return and Yield	15
II	Financial Institutions – I Commercial Banking - Role of Banks – NPAs - Risk Management in Banking– International Banking - Financial Regulations and Regulatory Institutions in India - SEBI, IRDA, PFRDA - Corporate Governance and SEBI.	15
III	Financial Institutions – II Financial Institutions – Provident Fund, Pension Fund, Insurance Companies - Mutual Fund, Credit Rating Agencies, Merchant Bank, Venture Capital Funds. Bond Market: Bond Features, Bond Price Volatility, Government Security Market, Corporate Bond Market, Public Sector Undertaking Bonds.	15
IV	Derivatives Market Classification of Stock Market and Securities – IPO, Stock Exchanges, Stock Market Indices, Derivatives Market - Types of Derivatives.	15
V	Exchange Market Foreign Exchange Market - Foreign Exchange Market Structure - Risk Management in Foreign Exchange Market - Exchange Rate Determination - Foreign Capital – FDI & FII, Central Bank Intervention in Foreign Exchange Market.	15
	Total	75

Self study	Risk management in banking
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Textbooks:

1. Saunders, A., Cornett, M. M., & Erhemjamts, O. (2012). Financial Markets and Institutions. McGraw-Hill/Irwin.

2. Mishkin, F. S., & Eakins, S. G. (2006). Financial Markets and Institutions. Pearson Education India.

Reference Books:

1. Megginson, W. L. (2005). The Financial Economics of Privatization. Oxford University Press on Demand.
2. Burton, M., Nesiba, R. F., & Brown, B. (2015). An introduction to Financial Markets and Institutions. Routledge.
3. Jones, F. M. (2014). Foundations of Financial Markets and Institutions. Pearson Education.
4. Bhole, L. M. (2004). Financial Institutions and Markets: Structure, Growth and Innovations, Tata McGraw-Hill Education.
5. Dr. Gurusamy .S (2018) Financial Markets and Institutions, Mc Graw Hill Education India.

Web Resources:

1. <https://www.rbi.org.in>
2. <https://www.nseindia.com>
3. <https://www.sebi.gov.in>
4. <https://dpiit.gov.in/foreign-direct-investment/foreign-direct-investment-policy>
5. <https://fifp.gov.in/>

MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO 1	3	3	3	3	3	3	3	3	3	3	3	2	2
CO 2	3	3	3	3	3	3	3	3	3	3	3	2	3
CO 3	3	3	2	2	3	3	3	3	3	3	3	3	3
CO 4	3	3	3	3	3	2	3	3	3	3	3	3	3
CO 5	3	3	3	3	3	3	3	3	3	3	3	3	3
TOTAL	15	15	14	14	15	15	15	15	15	15	15	13	14
AVERAGE	3.0	3.0	3.0	2.8	3.0	3.0	2.8	3.0	3	3	3	2.6	2.8

3 – Strong, 2 - Medium-2, 1 - Low

SEMESTER VI**DISCIPLINE SPECIFIC ELECTIVE IV: b) MODERN BANKING AND INSURANCE**

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FU236DE5	5	-	-	-	3	5	75	25	75	100

Pre-requisites:

Basic knowledge about banking

Learning objectives:

1. To understand the nature of insurance and the principles that governs general insurance.
2. To gain an insight on the nature of insurances and procedures for making claims against different kinds of insurance policies.

Course Outcomes

On the successful completion of the course, student will be able to:		
1	understand the basic concepts of insurance, including its meaning, principles, functions, and importance to individuals, businesses, and society.	K1
2	learn the details of life insurance contracts, including policy features, classifications, investment of funds, and the concepts of annuity contracts, surrender value, and bonuses.	K2
3	understand the nature of marine insurance contracts, including types of policies, premium calculation, marine losses, and the process of claims payment.	K3
4	learn about fire insurance contracts, including their features, kinds of policies, and the procedures for claims payment and reinsurance.	K3
5	understand general insurance, including motor insurance, burglary insurance, and personal accident insurance.	K4

K1 – Remember; K2 – Understand; K3 – Apply; K4- Analyse

Unit	Contents	No. of Hours
I	Introduction to Insurance Meaning and definition of Insurance - Nature and Principles of Insurance - Functions of Insurance - importance of insurance to individuals, business and society.	15
II	Life Insurance contract Features of a life insurance contract - classification of policies - investment of funds - annuity contracts - bonus option - surrender value - policy condition.	15
III	Nature of Marine Insurance contract Definition of marine insurance - elements of marine insurance - classes of policies - policy conditions - premium calculation - marine losses - payment of claims.	15
IV	Fire Insurance contract Fire Insurance - features of a fire insurance - kinds of policies - policy conditions - payment of claims - reinsurance.	15
V	General Insurance General Insurance - motor insurance - burglary - personal accident insurance.	15
	Total	75

Self Study	Features of a fire insurance
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Textbooks:

1. Mishra M.N. (2003). "Insurance Principles and Practice" S. Chand & Company Ltd, New Delhi.
2. Palandi. P.S. (2000). "Insurance in India, Response Books" Sagar Publications, New Delhi.

Reference Books:

1. Mishra M.N., (2000). "Modern concepts of Insurance", S. Chand & Company Ltd, New Delhi.
2. Holyoake Julia and William Weipers. (2002). "Insurance" 4th edition, Institute of Financial Services UK, A. I.T.B.S Publishers & Distributors Regd. Delhi.
3. Palande P.S. Shah. R.S. and Lunawat M.L. (2003). "Insurance in India Changing Policies and Emerging Opportunities" Sage Publication, New Delhi.
4. Bodla B.S Garg M.C. Singh K.P. (2003). "Insurance Fundamentals, Environment and Procedure" Deep and Deep Publications Pvt. Ltd. New Delhi.
5. Rastogi Sachin. (2014). "Insurance: Law and Principles" LexisNexis Publications, Haryana.

Web Resources:

1. www.math.hkbu.edu.hk/~hpeng/stat3820/Chapter_3.pdf
2. <https://www.casact.org/library/astin/vol4no3/252.pdf>
3. www.jstor.org/stable/2967578
4. <https://www.indiapost.gov.in/Financial/Pages/Content/pli.aspx>
5. <https://licindia.in/>

MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

	PO1	PO2	PO3	PO4	PO5	PO 6	PO 7	PO 8	PSO1	PSO2	PSO3	PSO4	PSO5
CO 1	3	3	3	3	3	3	3	3	3	3	3	3	3
CO 2	3	3	2	3	3	3	3	3	2	3	3	2	2
CO 3	3	3	3	2	2	3	3	3	3	3	2	2	3
CO 4	3	3	3	3	3	2	3	3	3	2	3	2	2
CO 5	3	3	3	3	3	3	2	3	2	3	3	3	3
TOTAL	15	15	14	14	15	14	14	15	13	14	14	12	13
AVERAGE	3.0	3.0	2.8	2.8	2.8	2.8	2.8	3.00	2.6	2.8	2.8	2.4	2.6

3 – Strong, 2 - Medium-2, 1 - Low

SEMESTER VI**DISCIPLINE SPECIFIC ELECTIVE IV: c) HEALTH ECONOMICS**

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FU236DE6	5	-	-	-	3	5	75	25	75	100

Pre-requisites:

Basic knowledge about health economics

Learning objectives:

1. To equip students on the role of health in Economic Development.
2. To have an insight of the health status in India.

Course Outcomes

On the successful completion of the course, student will be able to:		
1	understand the relationship between health and economic development, and learn about key health indicators like birth rate, mortality, morbidity, and DALY.	K1 & K2
2	understand the supply side of healthcare, including the role of physicians, medical personnel, and hospitals in providing healthcare services.	K2
3	understand the objectives and importance of the National Health Policy and its impact on healthcare services at the national and state levels.	K2
4	learn about health infrastructure, including differences between rural and urban healthcare, and the role of government programs in preventive and curative services.	K3
5	Analyze the demand for healthcare services, including factors like income, price effects, and elasticity of demand for medical care.	K4

K1 – Remember; K2 – Understand; K3 – Apply; K4- Analyse

Unit	Contents	No. of Hours
I	Introduction to Health Economics Health and Economic Development - Determinants of Health - Health Indicators – Birth Rate – Fertility – Morbidity – Mortality – IMR – CMR – MMR – Disability Adjusted Life Year (DALY) – Sex Ratio- Quality Adjusted Life Year (QALY)	15
II	Demand for Health Care Demand for Health Care Services – Preference for Health Care using Indifference Curves – Budget Constraints – Income and Price Effects for Health Care – Elasticity of Demand for Medical Care.	15
III	Supply of Health Care Supply of Health Care Services – Physicians and Medical Personnel as Health Care Providers – Non Labour Inputs – Hospitals – Interaction of Demand and Supply of Health Care.	15
IV	Health Infrastructure Health Infrastructure – Rural – Urban – Government Programmes - Preventive and Curative Health Care Services - Health Allocation in Budget	15
V	National Health Policy Meaning – Objectives – Importance – National Health Policy – State Health Policy.	15
	Total	75

Self Study	Elasticity of Demand for Medical Care.
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Textbooks:

1. Xamer Martinez Giralt (2010), Principles of Health Economics, Routledge.
2. Jay Bhattacharya, Timothy Hyde and Peter Tu, (2014) Health Economics, Palgrave Macmillian

Reference Books:

1. Himanshu Sekhar Rout and Prasant Kumar Panda (2010) Health Economics in India
2. D. Amutha (2016) A Textbook of Health Economics, Mangalam Publishers and Distributors, Chennai.
3. Charles E. Phelps, (2017) Health Economics, Routledge.
4. Jan Abel Olsen, (2017) Principles in Health Economics and Policy, OUP Oxford.
5. Himanusha skar, Rout and Prasant Panda, (2007), Health Economics in India– New century Publications, New Delhi.

Web Resources:

1. www.census.org
2. www.NFHS.org
3. www.NSSO.org
4. <https://tnhealth.tn.gov.in/>

MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO 1	PSO2	PSO3	PSO4	PSO5
CO 1	3	3	3	3	3	3	3	3	3	3	3	3	3
CO 2	3	3	2	3	3	3	3	3	3	3	3	2	3
CO 3	3	3	3	3	2	3	3	3	3	3	2	2	3
CO 4	3	2	3	3	3	2	3	3	3	2	3	2	3
CO 5	3	3	3	3	3	3	2	3	3	3	3	3	3
TOTAL	15	14	14	15	15	14	14	15	15	14	14	12	15
AVERAGE	3.0	2.8	2.8	3.0	3.8	2.8	2.8	3.0	3.0	2.8	2.8	2.4	3.0

3 – Strong, 2 - Medium, 1 - Low

SEMESTER VI
PROFESSIONAL COMPETENCY SKILL II: DATA ANALYTICS USING
ADVANCED EXCEL FOR ECONOMICS

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FU236PS1	2	-	-	-	2	2	30	25	75	100

Pre-requisite:

Students should have basic knowledge in Economics

Learning Objectives:

1. To gain knowledge of the Quantitative and Analytical Skills for Economics
2. To understand data visualization and forecasting techniques

Course Outcomes

On the successful completion of the course, student will be able to:		
1.	understand the basic functions of excel	K1& K2
2.	calculate measures of central tendency and dispersion	K2& K3
3.	analyze trend using line charts	K2& K3
4.	analyse charts and graphs	K3& K4
5.	explain forecasting techniques using Excel functions	K4& K5

K1-Remember; K2-Understand; K3 -Apply; K4 – Analyze; K5 - Evaluate

Unit	Contents	No. of Hours
I	Introduction to Advanced Excel for Data Analysis Overview of Excel interface and basic functions - Data entry, formatting, and conditional formatting - Data sorting, filtering	6
II	Data visualization Introduction to data visualization - Charts and graphs - Creating and customizing charts (bar, pie and scatter)	6
III	Descriptive Statistics and Data Summarization Measures of central tendency (Mean, Median, Mode) - Measures of dispersion (Variance, Standard Deviation, Range)	6
IV	Graphical Representation Trend analysis using line charts - conditional formatting for visualization - Dashboards and interactive reports	6
V	Correlation and Forecasting Techniques Introduction to correlation - Time series analysis - Forecasting techniques using Excel functions	6
	Total	30

Self-study	Dashboards and interactive reports
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Textbooks:

1. Guffey, M. E., & Loewy, D. (2021). *Business Communication: Process and Product*. Cengage Learning.
2. Gujarati, D. N., & Porter, D. C. (2017). *Basic Econometrics*. McGraw-Hill.

Reference Books:

1. Bailey, S. (2011). *Academic Writing: A Handbook for International Students*. Routledge.

2. **Wooldridge, J. M.** (2019). *Introductory Econometrics: A Modern Approach*. Cengage Learning.
3. **McKinney, W.** (2022). *Python for Data Analysis: Data Wrangling with Pandas, NumPy, and Jupyter*. O'Reilly Media.
4. **Treviño, L. K., & Nelson, K. A.** (2021). *Managing Business Ethics: Straight Talk About How to Do It Right*. Wiley.
5. **Burnett, B., & Evans, D.** (2016). *Designing Your Life: How to Build a Well-Lived, Joyful Career*. Knopf.
6. **Wexler, S.** (2017). *The Big Book of Dashboards: Visualizing Your Data Using Real-World Business Scenarios*. Wiley.

Web Resources:

1. <https://ocw.mit.edu>
2. <https://hbr.org>
3. <https://www.khanacademy.org>
4. <https://www.coursera.org>
5. <https://www.linkedin.com/learning>

MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	3	3	3	3	2	3	2	3	2	2	3
CO2	3	3	2	3	2	2	2	3	3	3	3	3
CO3	3	2	3	2	3	3	2	3	2	3	3	2
CO4	3	3	2	3	2	2	3	2	3	3	2	3
CO5	2	3	2	3	3	2	3	2	3	2	3	2
TOTAL	13	14	12	14	13	11	13	12	14	14	13	13
AVERAGE	2.6	2.8	2.4	2.8	2.6	2.2	2.6	2.4	2.8	2.8	2.6	2.6

3– Strong, 2-Medium, 1-Low

SEMESTER VI

GENDER EQUITY AND INCLUSIVITY

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
UG236GE1	1	-	-	-	1	1	15	50	50	100

Learning Objectives

1. To understand the challenges faced by women in the society.
2. To analyze the legitimate rights and laws that aid women to march towards emancipation and empowerment.

Course Outcomes

On the successful completion of the course, student will be able to:		
1	interpret the life struggles of women and to promote equality	K1
2	identify the socio-cultural and religious practices that subjugate women	K2
3	probe deep into the root cause of marginalization of women and to promote an inclusive nature	K3
4	investigate the challenges faced by women in practical life	K4
5	evaluate exploitation of women as commercial commodities in advertisements and media	K5

K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 – Evaluate

Unit	Contents	No. of Hours
I	Life Struggle of a Woman: Challenges faced by girl students, education and religion, woman and society, working environment.	3
II	Cultural Traits: Myths and religious texts, opposition and rebuttal, contemporary literature, cultural decay, opportunities provided by social media.	3
III	Women's Rights: Democratic women's association, Laws for women's rights, essential legal rights of girl child in India, gender justice, millennium development goals, Political parties.	3
IV	Women's Liberation: Struggle for social rebirth, role of government and NGO's- self-help group for women, Indian political of legal profession and gender representation. the supreme courts efforts, challenging patriarchal narratives, global responsibility, women in sustainable development.	3
V	Inclusivity: Equal opportunities for women and men, equal access and opportunities for disabled people, indigenous populations, refugees and migrants - Importance of challenging and redefining gender roles - value and respect towards all gender identities.	3
TOTAL		15

Reference Books

1. Hosoda, M. 2021. Promoting Gender Diversity and Inclusion at Workplace: A Case Study of Japanese Retail and Financial Service Company. Rikkyo University
2. Palo, S., Jha, K. K. 2020. Introduction to Gender. Tata Institute of Social Sciences.
3. Debois, E. and L. Dumenil. 2005. Through Women's Eyes: An American History With

Documents. St. Martin Press.

4. Carter, Sarah. Mansell, 1990. Women's Studies: A Guide to Information Sources
5. .Datchana Moorthy Ramu.2020. Gender Equality and Sustainable development Goals,Notion Press.

Web Resources

1. https://en.wikipedia.org/wiki/Women%27s_studies
2. <https://libguides.berry.edu/wgs/reference>
3. <https://www.albany.edu/~dlafonde/women/wssresguide9602>
4. <https://openbooks.library.umass.edu/introwgss/chapter/references-feminist-movements/>
5. <https://libguides.niu.edu/womensandgenderstudies/ReferenceSources>