DEPARTMENT OF ECONOMICS

Vision

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

Mission

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

UG Programme Educational Objectives (PEOs)

PEOs	Upon completion of B.A/B.Sc. degree programme, the graduates will be able to	Mission addressed
PEO 1	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**
PEO 2	inculcate practical knowledge for developing professional empowerment and entrepreneurship and societal services.	**M2, M3, M4 & M5**
PEO 3	pursue lifelong learning and continuous improvement of the knowledge and skills with the highest professional and ethical standards.	**M3, M4, M5 & M6**

Programme Outcomes (POs)

PO	Upon completion of B.A. degree programme, the graduates will be able to:	PEOs addressed
PO1	obtain efficiently the knowledge and skills to face life challenges.	PEO 1
PO2	implement the contributions of great thinkers/ writer/ activist and transform the society in accordance with local, national and global needs.	PEO 1

PO3	enhance leadership qualities, team spirit and communication skills for a better developmental career.	PEO 2
PO4	apply the comprehensive learning to attain self-confidence and self-reliance in their chosen career and higher education.	PEO 2
PO5	communicate effectively and collaborate successfully with peers to become competent professionals.	PEO 2&PEO 3
PO6	prioritize cultural, ethical and moral values through learning experiences for a sustainable development.	PEO 2& PEO 3
PO7	participate in learning activities throughout life, through self-paced and self-directed learning to develop knowledge and skills.	PEO 1 & PEO 3

Programme Specific Outcomes (PSOs)

PSO	Upon completion of B.A. degree programme, the graduates will be able to:
PSO - 1	enable students to apply basic microeconomic, macroeconomic and monetary concepts and theories in real life and decision making.
PSO– 2	sensitize students to various economic issues related to Development, Growth, International Economics, Sustainable Development and Environment.
PSO– 3	familiarize students to the concepts and theories related to Finance, Investments and Modern Marketing.
PSO– 4	evaluate various social and economic problems in the society and develop answer to the problems as global citizens
PSO– 5	enhance skills of analytical and critical thinking to analyze

Regulations for UG Programme
(For the candidates admitted from the academic year 2023-2024 onwards)

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.

ARTS

S. No.	Name of the Programme	Eligibility	Medium of Instruction
1.	B.A. English (Aided & Self-financed)	A pass in 10 + 2	English
2.	B.A. History	A pass in 10 + 2	Tamil
3.	B.A. Economics	A pass in 10 + 2	English
4.	B.Com. (Aided& Self-financed)	A pass in 10 + 2 with Commerce as one of the core subjects	English

(ii) Degree:

The candidates shall have subsequently undergone the prescribed course of study in Holy Cross College (Autonomous) affiliated to the Manonmaniam Sundaranar University for a period of not less than three academic years (six semesters), passed the prescribed examinations and fulfilled such conditions as have been prescribed thereof.

2. Duration

The Programme is for a period of three years. Each academic year shall comprise of two Semesters viz. Odd and Even semesters. Odd Semester shall be from June to October / November and Even Semester shall be from November / December to April. There shall be not less than 90 working days which shall comprise 450 teaching clock hours for each Semester (excluding the days for the conduct of end-semester examinations).

3. TANSCHE Syllabus with LOCF (CBCS)

Learning Outcome-Based Curriculum Framework is a student-centric teaching and learning methodology where the course delivery and assessment are planned to achieve, stated objectives and outcomes. It focuses on measuring performance of the student i.e. outcomes at different levels. The main feature of the CBCS is to make undergraduate education student-centric allowing students to choose inter- disciplinary, intra-disciplinary, multidisciplinary, value added and skill-oriented courses (even from other disciplines according to their learning needs, interests and attitude) with optimal flexibility for students on par with global standards.

4. Courses

Part I- **Language Courses**

Tamil and French

Part II - **General English**

Part III -**Core Courses (CC), Lab Courses (LC),CoreProject**

These courses should compulsorily be studied by a candidate as a core requirement. They provide basic understanding of the main discipline.

Discipline Specific Elective (DSE)

Discipline Specific Elective Courses (DSE) are offered by the main discipline/subject of study. One DSE need to have a minimum of three options. Department with two sections must offer two courses to the students.

Generic Electives (GE)

Generic Elective Courses are designed for the students of other disciplines from within the school or between the schools. They have to be chosen from other disciplines with an

intention to seek exposure. The scope of the Generic Elective (GE) Courses is to provide diverse knowledge of interdisciplinary and multidisciplinary nature.

Part IV-Skill Enhancement Course (SEC)
SEC I & II:

Non-Major Elective (NME) courses are generic, designed for the students of other disciplines.

i) Basic Tamil:

Those who have not studied Tamil upto XII Std, but have taken other languages under Part I shall take Basic Tamil comprising of two courses.

ii) Advanced Tamil:

Those who have studied Tamil upto XII Std, but have taken other languages under Part I shall take Advanced Tamil comprising of two courses.

iii) Others:

Those who do not come under categories **i)** &**ii)** can choose any non – major elective in Semester I & II comprising of two courses.

SKILL ENHANCEMENT COURSE III, V, VI & VII (SEC):

These courses help students to become industry ready graduates and skilled human resource.

SKILL ENHANCEMENT COURSE IV (SEC):

Students are equipped with essential skills to make them employable and entrepreneurial.

Foundation Course:

This course eases the transition of learning from higher secondary to higher education and provides an overview of the pedagogy of learning the subject.

Environmental Studies:

Environmental Studies instills knowledge and responsibility on the interconnectedness of man and nature.

Value Education:

Discipline centric skill will improve the technical knowledge and enabling students to solve real life problems.

Summer Internship /Industrial Training:

Internship during the summer vacation between semester IV and V, will help the students to gain valuable work experience, that connects classroom knowledge toreal world experience.

Extension Activity:

Field Work which caters to the societal needs.

Professional Competency Skill:

Knowledge, Problem Solving, Analytical Ability, Professional Competency, Professional Communication and Transferrable Skill will optimize the performance of the students.

Part V Co-curricular Courses

Skill Development Training (SDT):

It is mandatory and offered as **Certificate Course** (30 hours) for all the students during the first year.

Specific Value-added Courses (SVC):

Students have to undergo the courses offered by the department.

Generic Value-added Courses (GVC):

Students can choose from the courses offered by all the departments.

Internship/ Summer Training/ Fieldwork/ Field project:

It will help the students to gain industrial knowledge.

Life Skill Training (LST):

Catechism for Catholics and Moral for non-Catholics. They are offered for all I & IIUG students.

Human Rights Education (HRE) is offered in Semester V for all III UG students.

Gender Equity Studies (GES) is offered in Semester VI for all III UG students.

Student Extension Activity (SEA): Clubs / Committees–

Eco Club, YRC, Rotaract Club, NSS/RRC, AICUF, Consumer Club, Sport, Legal Literacy and Women's Cell for the I and II UG students.

Community Engagement Activity: Reaching the Unreached Neighborhood (RUN):

This extension activity is offered in the VI Semester.

MOOC courses:

They give scope for earning extra credits in Semesters II to VI.

*Part V courses are conducted outside the working hours

Library Hour:

One hour per week is allotted as library hour which can be allocated by the departments.

5. Course Coding:

The following code system (11 alphanumeric characters) is adopted for Under Graduate courses:

Department Code	UG	Year of Revision	Semester	Course Specification	Course number
		n			
F	**U**	**23**	**1-6**	**CC/CP/ DE/GE**	**1,2,3 etc**

Course Specifications

TL/FL - Languages (Tamil / French)

SI / IT - Summer Internship / Industrial Training

GE - General English

PS – Professional Competency Skill

CC - Core Course

IS- Internship

Course	S I	S II	S III	S IV	S V	S VI	Total H	Total C
Language	6 (3)	6 (3)	6 (3)	6 (3)			24	**12**
English	6 (3)	6 (3)	6 (3)	6 (3)			24	**12**
Core Course	5 (5)+ 5 (5)	5 (5)+ 5 (5)	5 (5)+ 5 (5)	5 (5)+ 5 (5)	5 (4)+ 5 (4)+ 5 (4)+ 5 (4)	6(4) + 6(4) + 6(4)	78	**68**
Project								
*Discipline Specific Elective / Generic Elective	4 (3)	4 (3)	4 (3)	3 (3)	4 (3)+ 4 (3)	5 (3)+ 5 (3)	33	**24**
Skill Enhancement Course SEC	2 (2) (NME)	2 (2) (NME)	1 (1) Entre sk	2 (2)			7	**7**
Skill Enhancement Course		2 (2)	2 (2)	2 (2)			6	**6**
Skill Enhancement - (Foundation Course)	2 (2)		1 EVS	1 (2) EVS			4	**4**
Value Education					2 (2)		2	**2**
Summer Internship /Industrial Training					(2)			**2**
Extension Activity						(1)	-	**1**
Professional Competency Skill						2 (2)	2	**2**
Total	**30(23)**	**30(23)**	**30(22)**	**30 (25)**	**30 (26)**	**30 (21)**	**180**	**140**

CP- Lab Course

FV- Field visit

PW- Project Work& viva-voce

FP – Field Project

DE – Discipline Specific Electives

LC / LM –Catechism, Moral

GE- Generic Electives

HR – Human Rights Education

SE – Skill Enhancement

GS – Gender Equity Studies

FC – Foundation Course

EA - Extension Activity

VE- Value Education   SV – Specific Value-added Course

EV - Environment Science   GV – Generic Value-added Course

6. Course Structure
Distribution of Hours and Credits Part V Co-curricular Courses

Course	S I	S II	S III	S IV	S V	S VI	Total
LST (Life Skill Training)	-	(1)	-	(1)			2
SDT (Certificate Course)	(1)						1
Internship/ Field Project/ Field Visit	-		(1)		(1)		2
*Specific Value-added Course		(1)		(1)			2
*Generic Value-added Course			(1)		(1)		2
MOOC		(1)		(1)		(1)	3
Student Training (ST): Clubs & Committees / NSS				(1)			1
Service Learning Course (SLC) RUN				(1)			1
Human Rights Education	-	-	-	-	(1)	-	1
Gender Equity Studies	-	-	-	-	-	(1)	1
Total							16

Total number of Compulsory Credits   =Academic credits +Non-academic credits: 140 + 16

7. Credits

Credit refers to the weight age given to a course, usually in relation to the instructional hours assigned to it and the quantum of work a student is required to put in for a particular course. The credits of a Course should be less than the hours allotted to it. The total minimum credits required for the award of UG Degree is 146 credits.

8. Extra credits (Maximum 5 credits)

Extra credits can be acquired by taking up the following:

i. **MOOC Courses -** In case of 8 weeks course, 1 credit will be given under Non-academic 7ourses and 1 credit as extra credit. In case of 12 weeks course, 1 credit will be given under Non-academic courses and 2 credits as extra credit

Self – Learning Courses - 2 credits per course (Maximum 2 courses) (within / between schools)

ii. **Sports Representation** – (Maximum 5 credits)

International level	- 5 Credits
National level	- 4 Credits
State level	- 3 Credits
University level	- 2 Credits
District level	- 1 Credit

iii. **Publication in Journals** (International/National) - 1 credit for peer-reviewed journals or any journal with ISSN/ ISBN.

2 credits for SCOPUS / Web of Science (Science Disciplines) and UGC Care List – Category II (Arts and Humanities Disciplines) (max.3 papers)

iv. **Innovative Prototypes & Business models:** Students shall earn 2 credits (per prototype/model)for working on Innovative prototypes/business models

vi. **Startup Ventures:** Students initiating startups can be awarded special credit of 5 during the period of pre-incubation, incubation and startup.

9. CBCS FOR UG PROGRAMME

Study Component	No. of Courses	Credit /Course	Total Credits
Part I - Tamil /French	**4**	**3**	**12**
Part II–English	**4**	**3**	**12**
Part III			
re Course	**14**	**4 or 5**	**68**
Core Project	**1**	**4**	**4**
Discipline Specific Elective / Generic Elective	**8**	**3**	**24**
Part IV			
Skill Enhancement Course	**7**	**1-2**	**13**
Foundation Course	**1**	**2**	**2**
EVS	**2**	**1**	**2**
Value Education	**2**	**1**	**2**
Summer Internship Training	**1**	**2**	**2**
Extension Activity	**1**	**1**	**1**
Professional Competency Skill	**1**	**2**	**2**
Part V Co-curricular Courses			
Part V			
Life Skill Training – Catechism, Moral	**2**	**1**	**2**
SDT (Certificate Course)	**1**	**1**	**1**
Internship/ Field Project/ Field Visit	**2**	**1**	**2**
Specific Value-added Course	**2**	**1**	**2**
Generic Value-added Course	**2**	**1**	**2**
MOOC	**3**	**1**	**3**
Human Rights Education	**1**	**1**	**1**
Gender Equity Studies	**1**	**1**	**1**
Community Engagement Activity - RUN	**1**	**1**	**1**
Student Training Activity - Clubs & Committees / NSS	**1**	**1**	**1**
	Total		**140 + 16**

10. Pedagogy

Each Course is designed with Lectures / Tutorials / Laboratory or Field Work / Seminar / Practical Training / Assignments or Report Writing/ Book review / Group Discussion/ Flipped /

Blended/ Open Book Test/ Problem Solving/ Inquiry based Learning/ Debate/ Experiential Learning etc. to meet effective teaching, learning and evaluation requirements.

11. **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.

a. Part I – Tamil, Part II – English, Part III -(Major/ Elective/ Allied)

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	4	Part A 10 x 1 (No choice)	10
Part B 3 x 4	12	Part B 5 x 6 (Internal choice)	30
Part C 3 x 8	24	Part C 5 x 12(Internal choice)	60
Total	**40**	**Total**	100

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	
Minor Practical / Spotters /Record	75
Total	**75**

Part - IV

Skill Enhancement Course, Foundation Course, Value Education,Professional Competency Skill

Ratio of Internal and External = 2**5: 75**

Internal Components and Distribution of Marks

Components	Marks
Internal test (2)	10
Quiz (2)	5
Assignment: (Model Making, Exhibition, Role Play, Album, Group Activity (Mime, Skit, Song) (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 3 (open choice **Three** out of **Five**)	12	Part B 5 x 5 (open choice any **Five** out **of Eight**)	25
Part C 1 x 9 (open choice **One** out of **Three**)	9	Part C 5 x 8 (open choice any **Five** out **of Eight**)	40
Part D Compulsory (1)		Part D Compulsory (1)	
Total	**25**	**Total**	**75**

EVS
Internal Components

Component	Marks
Project Report	15
Viva voce	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 3 (open choice **Three** out of **Five**)	12	Part B 5 x 5 (open choice any **Five** out **of Eight**)	25
Part C 1 x 9 (open choice **One** out of **Three**)	9	Part C 5 x 8 (open choice any **Five** out **of Eight**)	40
Total	**25**	**Total**	**75**

Life Skill Trainings: Catechism, Moral, Human Rights Education, Gender Equity Studies
Internal Components

Component	Marks
Project - Album on current issues	25
Group Song/ Mime/ Skit	25
Total	**50**

External Components

Component	Marks
Quiz	20
Written Test: Open choice – 5 out of 7 questions (5 x 6)	30
Total	**50**

Community Engagement Activity: Reaching the Unreached Neighbourhood (RUN)

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	2	2		1	1	1	1	-	2	-	-	-	10
	External	5	2	1	3	2	2	2	1	2	-	-	-	20
II UG	Internal	1	-	1	1	2		1	-	1	1	1	1	10
	External	5	1	1	4	1	1	-	3	1	1	-	2	20
III UG	Internal	1	1	-	-	1	-	1	-	1	2	1	2	10
	External	3		1	3	1	1	1	2	1	3	2	2	20

- 30 Hours mandatory programme included in the curriculum (1 credit).

Field project Internal Component

Component	Marks
Assignment	10
Group Discussion	10
Attendance (Field Work)	30
Total	**50**

External Component

Component	Marks
Group Project Report/Case Study (10-15pagesinprint)	50
Total	**50**

Student Training Activity: Clubs and Committees

- Compulsory for all I &II year students (1 credit).
- Clubs and Committees – Eco Club, YRC, Rotaract Club, NSS/ RRC, AICUF, Consumer Club, Sports, Legal Literacy and Women's Cell.
- Each student can opt for one club/ committee.

12. Outcome Based Education (OBE)

Knowledge levels for assessment of Outcomes based on Blooms Taxonomy

S. No	Level	Parameter	Description
1	KI	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

WEIGHTAGE of K – LEVELS IN QUESTION PAPER

13. Evaluation

i. The performance of a student in each course is evaluated in terms of percentage of marks with a provision for conversion to grade points.

ii. 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.

iii. There shall be examinations at the end of each semester, for odd semesters in October/November; for even semesters in April/ May.

iv. 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.

v. Viva-voce: Each project group shall be required to appear for Viva -voce examination in defence of the project.

vi. The results of all the examinations will be published in the college website.

14. 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.

15. Grading System

For the Semester Examination:

Calculation of Grade Point Average for End Semester Examination:

GPA = Sum of the multiplication of grade points by the credits of the course
Sum of the credits of the courses (passed) in a semester

For the entire programme:

Cumulative Grade Point Average (CGPA) $\Sigma_n\Sigma_i C_{ni}G_{ni} / \Sigma_{ni}\Sigma_i C_{ni}$

CGPA = Sum of the multiplication of grade points by the credits of the entire programme
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

16. 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++	First Class with Distinction*
8.0 and above but below 8.5	D+	
7.5 and above but below 8.0	D	
7.0 and above but below 7.5	A++	First Class
6.5 and above but below 7.0	A+	
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.

Any alteration in the structure and content of the syllabus given by TANSCHE will be adapted in future.

Mapping of Vision /Mission / Programme Education Objectives of the Institution

Vision	Mission	Programme Education Objectives
Imbibing the Spirit of the Holy Cross, the institution envisions a harmonious society by empowering young women for global competency and ecological sustainability through holistic approach with	1. To provide quality education and to promote scholarly activities catering to global competencies. 2. To nurture participatory leadership to enhance social consciousness and social irresponsibility. 3. To uphold ethical values of honesty, personal accountability and transparency through professional	The graduates will apply appropriate theoretical knowledge to participate in activities that support humanity and economic development nationally and globally, developing as leaders in their fields of expertise. **M1 & M2** The graduates will pursue life-long learning and continuous improvement of the knowledge and skills with the highest professional and ethical standards. **M3 & M4**

innovative skills.	commitment. 4. To create global professionals and entrepreneurs with innovative spirit and zeal. 5. To create empowered women of competence, commitment and compassion. 6. To instil in students the awareness of inter-connectedness between human and nature	The graduates will inculcate practical knowledge for developing professional empowerment and entrepreneurship and societal services. **M5 & M6**

Mapping of PEO'S and PO'S

PEOs	PO1	PO 2	PO3	PO4	PO5	PO6
PEO 1	S	S	S	S	S	S
PEO 2	S	S	M	M	S	S
PEO 3	M	M	S	S	S	S

Strong -S (3), Medium – M (2), Low – L (1)

Value Added Course

Semester	Course Code	Title of the Course	Credits	Hours/Week
III / V	FU231SV1/ FU233SV2	Co-Operative Development	2	30
III / IV	VAF203 / VAF204	Digital Marketing Microsoft office specialist certification	-	30
V / VI	VAF209/ VAF2010	Health and Wellness Soft Skill Training and Development	-	30

UG Programme
Arts
Semester I

Course	Course Code	Title of the Course	Credits	Hours/Week
Part I	TU231TL1 FU231FL1	Language: Tamil French	3	6
Part II	EU231EL1	English	3	6
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: a)Introduction to Sociology b)Fundamentals of Management	3	4
Part IV	FU231SE1	Skill Enhancement Course SEC-I (Non Major Elective) (NME): 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	EU232EL1	English	3	6
Part III	FU232CC1	Core Course III: Micro Economics-II	5	5
	FU232CC2	Core Course IV: Statistics for Economics-II	5	5
	FU232EC1	Elective II: a)Introduction to E-Commerce b)History of Economic Thought	3	4
Part IV	FU232SE1	Skill Enhancement Course SEC-II (Non Major Elective) (NME): Economics for Investors	2	2
	FU232SE2	Skill Enhancement Course SEC-III: 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	EU233EL1	English	3	6
Part III	FU233CC1	Core Course V: Macro Economics-I	5	5
	FU233CC2	Core Course VI: Mathematics for Economics	5	5
	FU233EC1	Elective III: a)Principles of Marketing b)Economics of Tourism	3	4
Part IV	FU233SE1	Skill Enhancement Course SEC-IV: Entrepreneurial Economics	1	1
	FU233SE2	Skill Enhancement Course SEC-V (Entrepreneurial Skills): Event	2	2

		Management		
	HE233EV1	EVS	-	1
		Total	**22**	**30**

Semester IV

Course	Course Code	Title of the Course	Credits	Hours/Week
Part I	TU234TL1 FU234FL1	Language: Tamil French	3	6
Part II	EU234EL1	English	3	6
Part III	FU234CC1	Core Course VII: Macro Economics-II	5	5
	FU234CC2	Core Course VIII: Indian Economy	5	5
	FU234EC1	Elective IV: a)Research Methods in Economics b)Health Economics	3	3
Part IV	FU234SE1	Skill Enhancement Course SEC-VI: Basic Accountancy	2	2
	FU234SE2	Skill Enhancement Course SEC-VII : Modern Banking and Insurance	2	2
	HE234EV1	EVS	2	1
		Total	**25**	**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: Industrial Economics	4	5
	FU235PW1	Project	4	5
	FU235EC1 FU235EC2	Elective V: a) Tamil Nadu Economy b) Managerial Economics	3	4
	FU235EC4 FU235EC5	Elective VI: a) Operation Research b) Gender Economics	3	4
Part IV	FU235VE1	Value Education	2	2
	FU235SI1 / FU235IT1	Summer Internship/Industrial Training	2	-
		Total	**26**	**30**

Semester VI

Course	Course Code	Title of the Course	Credits	Hours/Week
Part III	FU236CC1	Core Course XII: International Economics	4	6
	FU236CC2	Core Course XIII: Development Economics	4	6
	FU236CC3	Core Course XIV: Agricultural	4	6

Part		Code				
			Economics			
		FU236EC1 FU236EC2	Elective Course VII: a) Basic Econometrics b) Behavioral Economics	3	5
		FU236EC4 FU236EC5	Elective Course VIII: a) Financial Markets and Institutions b) Urban Economics	3	5
Part IV		FU236VE1	Value Education	-	-
		FU236EA1	Extension Activity	1	-
		FU236PS1	Professional Competency Skill: General Studies for competitive Examination	2	2
			Total	**21**	**30**
			TOTAL	**140**	**180**

Co-curricular Courses

Part	Semester	Code	Title of the Course	Credit
Part V	I & II	HE232LC1	LEC I: Catechism	1
		HE232LM1	LEC I: Moral	
	I/II	SD231C01 – SD231C13	Skill Development Training (SDT) - Certificate Course	1
	II,IV& VI	-	MOOC	1+1+1
	III & IV	HE234LC2	LEC II: Catechism	1
		HE234LM2	LEC II: Moral	
	III & V	FU2323S1/ FU2325S2	Internship*	1+1
	III & V	FU233ST1/ FU235ST2	Summer Training Programme	
	III & V	FU233FV1/ FU235FV2	Field Visit	
	III & V	FU233FP1/ FU235FP2	Field Project	
	II & IV	FU231SV1/ FU233SV2	Specific Value-added Course : Co-Operative Development	1+1
	III & V	-	Generic Value added Course	1 +1
	I - IV	SL234ST1	Student Training Activity – Clubs & Committees / NSS	1
	IV & VI	SL234CE1	Community Engagement Activity - RUN	1
	V	HE235HR1	Human Rights Education	1
	VI	HE236GS1	Gender Equity Studies	1
			Total	**16**

FIRST YEAR
SEMESTER-I
CORE–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 Microeconomics–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	18
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.	12
Self study	**Unit–V Relationship between AR and MR**	

Textbook
1. Ahuja H.L(2016) Principles of Microeconomics, S. Chand
2. RobertPindyckandDanielL.Rubinfield,(2001)MicroEconomics,Macmillan

Reference Books
1. Koutsoyiannis(2003),ModernMicroeconomicsPalgraveMacmillan(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

MAPPINGWITHPROGRAMMEOUTCOMESANDPROGRAMMESPECIFICOUTCOMES

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PS
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

CORE–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

Pre-requisite:
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

Unit	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– ArithmeticMean ,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

Self study	Unit–V Distinction between Correlation and Regression analysis

Textbook

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

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. Manoharan M (2010),"Statistical Methods", Palani Paramount Publications, Palani.
4. Sancheti. D.C and Kapoor V.K(2005)Statistical Theory Method and Application, Sultan Chand and Sons, New Delhi.
5. Dr.S. Sachdeva (2014)Statistics-Lakshmi Narain Agarwal.

Web Resources

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

MAPPINGWITHPROGRAMMEOUTCOMESAN DPROGRAMMESPECIFICOUTCOMES

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
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

GENERICELECTIVE-I: INTRODUCTION TO SOCIOLOGY

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FU231GE1	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: Auguste Comte ,Herbert Spencer ,Karl Marx ,Emile Durkh Eim and Max Weber–Sociology and other social sciences	12
II	**Basic Concepts of Sociology** Society, Community, Institutions, Association, Social Structure, Status Role, Norms, and Values; Folkways and Mores ,Associative and Dissociative processes–Cooperation-Assimilation-Accommodation-Competition and Conflict	12
III	**Individual and Society** Individual and Society-Socialization- Stages and Agencies of Socialization-Types of Groups– Primary and Secondary Groups, 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

Self study	Unit–V Factors of Social Change-Culture and Civilization

Textbook

1. Bottomore, T.B.(1972).Sociology: Aguideto problems and literature.Bombay.2.Jayaram,N.(1988).Introductorysociology.Madras: Macmillan India.

Reference Books

1. GeorgeAllenandUnwin(India).Harlambos,M.(1998).Sociology:Themesandp erspectives. New Delhi: Oxford University Press.
2. Inkeles, Alex. (1987).What is sociology ? NewDelhi: Prentice- Hall of India.
3. Johnson, HarryM.(1995).Sociology: Asystematic introduction .NewDelhi: Allied Publishers.
4. Bhende, A.and T.R.Kanitkar (1982),Principles of Population Studies, Himalaya Publishing House, Bombay.
5. Bogue, D.J.(1969), Principles of Demography, John Wiley, New York

Web Resources

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

MAPPINGWITHPROGRAMMEOUTCOMESAN DPROGRAMMESPECIFICOUTCOMES

	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

GENERIC ELECTIVE (Optional): FUNDAMENTALS OF MANAGEMENT

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FU231GE2	4	-	-	-	3	4	60	25	75	100

Pre-requisite:
Students should have the knowledge on Management

Learning Objectives:
1. To provide students with the basic concepts of Management.
2. To analyze the Organizational Levels in an Organization

Course Outcomes

On the successful completion of the course, student will be able to**:**		
1.	Understand the foundations and importance of Management.	**K1& K2**
2	Demonstrate and understanding of Planning	**K2& K3**
3	Analyze the organizational levels and Process of selection	**K2& K3**
4	Discuss the relevance of Organizational Culture	**K2& K3**
5	Examine the importance of quality control	**K2& K3**

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

Unit	Contents	No. of Hours
I	**Introduction** Management – Definition-scope – Schools of Thought in Management-Levels of Management-Role and Functions of a Manager	12
II	**Planning** Planning:Concept,Objectives,Nature,Limitation,Processofplanning,Importance ,Forms, Techniques and Process of decision making.	12
III	**Organisational Levels** Types of Business Organizations–Structure-Span of Control–Department alisation -Selection, Training and Development, Performance Management, Career Planning, and Management	12
IV	**Directing** Creativity and Innovation – Motivation and Satisfaction–Organization Culture–Elements and Types of Culture–Managing Cultural Diversity.	12
V	**Controlling** Process of Controlling–Types of Control–Budget aryandnon-budgetary,Control Techniques –Managing Productivity–Cost Control–Purchase Control–Maintenance Control–Quality Control–Planning Operations.	12

Self study	Unit–V Planning Operations

Textbook

1. StephenA.Robbins&DavidA.Decenzo&MaryCoulter,(2011)"FundamentalsofManagement"7thEdition,Pearson Education
2. Tripathy PC& Reddy PN,(1999) "Principles of Management", Tata Mc Graw Hill.

Reference Books

1. Dr. C.B. Guptaand Dr. ShrutiMathur (2022)Management Principles and Applications ,Scholar TechPress
2. Neeru Vasisth and Vibhuti Vasishth(2019)Principles of Management Text &Cases, Taxman Publication
3. R.CBhatiya,"FundamentalsofManagement",S.KKataria&Sons,2013
4. L.M Prasad, "PrinciplesandPracticeofManagement,2021
5. Dr.N.MishraandDr.O.P.Gupta,"FundamentalsofManagement",SBPDPublishingHouse,2022

Web Resources

1.http://www.mim.ac.mw/books/Fundamentals%20of%20Management.pdf2.https://theintactone.com/2019/09/18/fom-u1-topic-1-fundamentals-of-management-introduction-and-concepts/

3.https://rccmindore.com/wp-content/uploads/2015/06/Fundamentals-of-Management.pdf4.https://in.sagepub.com/en-in/sas/journal-of-management/journal2017245.https://www.managementstudyhq.com/evolution-management-thought-theories.html

MAPPINGWITHPROGRAMMEOUTCOMESANDPROGRAMMESPECIFICOUTCOMES

	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	2	3	3	3	2	2	3	3	3	2	3
CO3	3	2	3	3	3	2	2	3	3	3	2	3
CO4	3	2	3	3	2	2	2	3	3	2	2	2
CO5	3	2	3	3	3	2	2	3	3	3	3	3
TOTAL	15	10	15	15	13	11	10	15	15	14	11	13
AVERAGE	3	2	3	3	2.6	2.2	2	3	3	2.8	2.2	2.6

3– Strong,2-Medium,1-Low

SKILLENHANCEMENTCOURSE SEC-I NON MAJOR ELECTIVE (NME):DEMOGRAPHY

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FU231SE1	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
Self study	Unit–V National Youth Policy	

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

Reference Books
1. AgarwalaS.N.(1985),India'sPopulationProblem,TataMcGraw-Hill,Bombay.
2. Bhende,A.andT.R.Kanitkar(1982),PrinciplesofPopulationStudies,HimalayaPublishing House, Bombay.
3. Bogue, D.J.(1969), Principles of Demography, John Wiley, New York
4. SarahHarper(2018),Demography:AVeryShortIntroduction,OxfordPress2018.
5. PeterR.Cox,Demography-5[th]Edition,CambridgeUniversityPress.

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/

MAPPINGWITHPROGRAMMEOUTCOMESAN DPROGRAMMESPECIFICOUTCOMES

	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

SKILLENHANCEMENTFOUNDATIONCOURSE: BUSINESS COMMUNICATION

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	CIA	External	Total
								Marks		
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** and Communication: Need and Importance of Communication in Management–Corporate Communication- CommunicationTrainingforManagers-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

Self study	Unit–V Agenda and Minutes of Meeting

Textbook

1. Korlahalli,J.S.,&Pal,R.(1979)EssentialsofBusinessCommunication.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).Businesscommunication:Theoryandapplication.Irwin Professional Publishing.
4. MaryEllenGuffyandDanaLoewy(2012)EssentialsofBusinessCommunicationCeng age Learning
5. C.B.Gupta(2019)EssentialsofBusinessCommunicationCengageLearningIndiaPvt.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-skills
4. https://www.softskillsaha.com/what-is-meaning-of-business-communication-skills.php
5. https://www.mindtools.com/page8.html

MAPPINGWITHPROGRAMMEOUTCOMESAN DPROGRAMMESPECIFICOUTCOMES

	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

SPECIFICVALUEADDEDCOURSE: CO-OPERATIVEDEVELOPMENT

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FU231SV1	2	-	-	-	2	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-
independentce and globalisedera

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

Self study	Unit–V	New Generation Co-operatives

Text Books
1. R.D.,Theory,HistoryandPracticeofCo-operation,R,LalBookDepot,Meerut,2001.
2. Hajela T.N.,Co-operation:Principles,ProblemsandPractice,KonarkPublishers,NewDelhi,2000

Reference Books
1. Mathur.B.S,Co-operationinIndia,SahithyaBhavanPublishers,Agra,2000.
2. Krishnaswamy O.R& V. Kulandaisamy, Co-operation-ConceptandTheory,ArundhraAcademy,Coimbatore,2000.
3. Samiyudeen,Co-operativesectorinIndia,S.Chand&Company,NewDelhi,1983

Value Added Course

Course: HEALTH AND WELLNESS

No. of Hours/Week	No. of Credits	Total No. of Hours	Marks
2		30	

Objectives

1. To understand the importance of health and wellness education

2. To know about sedentary lifestyle and its risk of disease

3. To learn about healthy foods for prevention and progression of metabolic diseases

Unit I - Introduction

Definition – Difference between health and wellness- Importance of health and wellness Education - Local, demographic, societal issues and factors affecting health and wellness

Unit – II Diet and nutrition

Essential components of balanced diet - role of carbohydrates, proteins, fats, vitamins & minerals - Malnutrition, under nutrition and over nutrition - Processed foods and unhealthy eating habits

Unit – III Body systems and common diseases

Sedentary lifestyle and its risk of disease - Stress, anxiety, and depression - Factors affecting mental health - Identification of suicidal tendencies - Substance abuse (Drugs, Cigarette, Alcohol), de-addiction, counselling and rehabilitation.

Unit IV Management of health

Healthy foods for prevention and progression of Cancer, Hypertension, Cardiovascular, and metabolic diseases (Obesity, Diabetes, Polycystic Ovarian Syndrome)

Unit V Management of health

Spirituality and mental health - Role of Yoga, asanas and meditation in maintaining health and wellness - Role of sleep in maintenance of physical and mental health.

References

1. Physical Activity and Health by Claude Bouchard, Steven N. Blair, William L. Haskell.
2. Mental Health Workbook by Emily Attached & Marzia Fernandez, 2021.
3. Mental Health Workbook for Women: Exercises to Transform Negative Thoughts and Improve Well Being by Nashay Lorick, 2022
4. Lifestyle Diseases: Lifestyle Disease Management, by C. Nyambichu & Jeff Lumiri, 2018.
5. Physical Activity and Mental Health by Angela Clow & Sarah Edmunds, 2013.

Value Added Course

Course: SOFT SKILLS TRAINING & DEVELOPMENT

No. of Hours/Week	No. of Credits	Total No. of Hours	Marks
2		30	

Objectives

1. To learn to develop an impressive resume

2. To prepare the students for job interview

3. To know about the importance of Group Discussions

Unit I Employment Communication

Introduction – Resume - Curriculum Vitae - Scannable Resume - Developing an Impressive Resume - Formats of Resume - Importance of Resume -Job Application or Cover Letter

Unit – II Professional Presentation

Nature of Oral Presentation - Planning a Presentation - Preparing the Presentation - Delivering the Presentation

Unit – III Job Interviews

Definition - Types of Interviews - Preparatory Steps for Job Interviews - Interview Skill Tips - Changes in the Interview Process, FAQ During Interviews

Unit – IV Group Discussion

Ambience/Seating Arrangement for Group Discussion - Importance of Group Discussions - Difference between Group Discussion, Panel Discussion and Debate – Traits - Types of Group Discussions

Unit – V Leadership and Team Building

Leader and Leadership - Leadership Traits - Culture and Leadership - Leadership Styles and Trends - Team Building - Types of Teams

Text book:
1. Soft Skills: an Integrated Approach to Maximise Personality, Gajendra S. Chauhan, Sangeeta Sharma, Wiley India

References:
1. Personality Development and Soft Skills, Barun K. Mitra, Oxford Press
2. Business Communication, Shalini Kalia, Shailja Agrawal, Wiley India
3. Soft Skills- Enhancing Employability, M. S. Rao, I. K. International
4. Cornerstone: Developing Soft Skills, Sherfield, Pearson India

SEMESTER II

CORE COURSE III: MICRO ECONOMICS - II

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	CIA	External	Total
FU232CC1	5	-	-	-	5	5	75	25	75	100

Pre-requisite

Basic Knowledge about Micro Economics

Learning Objectives

1. 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–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
Self study	**Production and Distribution**	**15**

Textbooks

1. Robert Pindyck and Daniel L.Rubinfield, (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	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	2	3	3	2	3	2	3	3	3	3	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	2	3
CO4	3	2	3	3	2	2	2	3	3	3	2	2
CO5	3	2	3	3	3	2	2	3	3	3	3	3
TOTAL	15	10	15	15	13	11	10	15	15	15	12	12
AVERAGE	3	2	3	3	2.6	2.2	2	3	3	3	2.4	2.4

3 – Strong, 2- Medium, 1- Low

CORE – 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.	determine the various Sampling Methods	**K2 & K3**
2.	explain the importance of Time Series Data and its measurement	**K1 & K2**
3.	recognize Knowledge on the Index Numbers	**K1 & K2**
4.	understand the concept of Probability	**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

Self study	Meaning and Types of Hypothesis

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	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	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	2	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	13	10	15	15	13	11	10	15	15	15	15	15
AVERAGE	2.6	2	3	3	2.6	2.2	2	3	3	3	3	3

3 – Strong, 2- Medium, 1- Low

FIRST YEAR - SEMESTER II
ELECTIVE –II (a): 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

Self study	Risks involved in e-payments

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

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

Self study	Risk Distribution

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

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.	illstrate the bMS 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

Self study	Mean, Median

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 Economic*s 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 Window*s, Word and Excel, Prentice Hall.

Web Resources
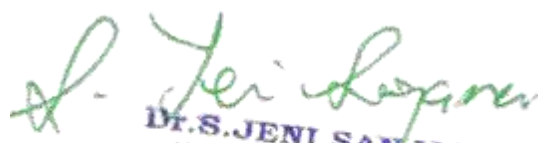
1. https://www.excel-easy.com/basics.html

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

Local -

National -

Regional -

Global -

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

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

PG PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

POs	Upon completion of M.A./ M. Sc. /MSW Degree Programme, the graduates will be able to:	Mapping with Mission
PEO1	apply scientific and computational technology to solve socio ecological issues and pursue research.	M1, M2
PEO2	continue to learn and advance their career in industry both in private and public sectors	M4 & M5
PEO2	develop leadership, teamwork, and professional abilities to become a more cultured and civilized person and to tackle the challenges in serving the country.	M2, M5 & M6

PG PROGRAMME OUTCOMES (POS)

PO	Upon completion of M.A./MSW Degree Programme, the graduates will be able to:	Mapping with PEOs
PO1	enhance in-depth learning by using innovative technological sources	PEO1
PO2	design and undertake individual research which will contribute to the future ideological and societal development	PEO1, PEO 2 & PEO3
PO3	integrate various theories and methodologies relating to social and environmental contexts.	PEO 2
PO4	excel in competitive examinations, face interviews and handle real life situations.	PEO 2& PEO 3
PO5	articulate critically to address the emerging national and global challenges with an ethical outlook.	PEO1, PEO 2 & PEO3
PO6	perform the professionalism and team spirit and exhibit leadership, communication and managerial skills.	PEO 2& PEO 3
PO7	learn independently for lifelong to execute professional, social and ethical responsibilities promoting sustainable development	PEO 3

Programme Specific Outcomes(PSOs)

PSO	Upon completion of M.A.Degree Programme ,the graduates will be able to:
PSO1	demonstrateanunderstandingofcomplexeconomicsmechanismthatcharacterise modernsociety and to develop ability to present economic theory and applications indecision making in reallife.
PSO2	analyse and investigate economic theory and issues in the field of economics as well as contemporary socio-economic problems along with formulation and analyses ofpolicy;andtounderstandhoweconomyisinfluencedbyeconomicpolicyand planning, technological advances and demographic conditions.
PSO3	To adopt the digital advancement in the field to understand complex economic mechanism using statistical tools and packages and to embrace new opportunity in emerging technology and also to develop the ability to explain core economic terms,concepts,andtheoriesincludingbutnotlimitedtothefunctionofmarketandprices as allocative mechanisms; benefit/cost analysis; market failure and role of state; and other critical are as of economics.
PSO4	develop understanding of economic trade-offs and social values, impact public/private socio-economic policy for the achievement of intended outcomes which provide skills to be come empowered and forecast outcomes of the policy as an entrepreneur employed in various positions.
PSO5	demonstrate the ability to employ the "economic way of thinking." i.e. the ability tousecriticalthinkingskillswithinthedisciplineofeconomicsabouteconomicmatters,socialand moral ethics and to Construct systematic model for analysis and make use of knowledge on finance,health,environmentaleconomics,ruraleconomics,regionaleconomics and Economicso f Natural Resources, to formulate policies for sustainability on Community and protective environment.

Eligibility for Admission

A pass degree in B.A Economics from any recognized university.

Duration of the Course: 2 years

Medium of Instruction: English

Passing Minimum:

A minimum of 50% in the external examination and an aggregate of minimum 50% are required.

There is no minimum pass mark for the continuous internal assessment.

Components of the M.A. Economics Programme: Major Core – 15

Elective – 4

Project – 1

ARTS

S.No.	Name of the Programme	Eligibility	Medium of Instruction
1.	M.A. English (Aided & Self-Financed)	A pass in B.A. English	English
2.	M. A. History (Self-Financed)	A pass in B. A. History	English
3.	M.A. Economics (Self-Financed)	A pass in B.A. Economics	English
4.	M.Com. (Self-Financed)	A pass in B. Com. / Bank Management /Computer Applications/ Financial Management/B.Com. (Applied) /CA-Operation/ B.B.A. and other related Programmes equivalent to B.Com.	English
5.	MSW (Master of Social Work) (Self-Financed)	A pass in any degree	English

ii) Degree

The candidates shall have subsequently undergone the prescribed Programme of study in Holy Cross College (Autonomous) affiliated to the Manonmaniam Sundaranar University for a period of not less than two academic years comprising four semesters, passed the examinations prescribed and fulfilled such conditions as have been prescribed there of.

2. Duration

The duration of PG Programme is for a period of two years. Each academic year shall comprise of two semesters, viz. Odd and Even semesters. Odd semester shall be from June to October / November and Even Semester shall be from November / December to April. There shall be not
less than 90 working days which shall comprise 450 teaching clock hours for each Semester (excluding the days for the conduct of end-semester examinations).

3. LOCF with CBCS System

Learning Outcome-Based Curriculum Framework is a student-centric teaching and learning methodology where the course delivery and assessment are planned to achieve, stated objectives and outcomes. It focuses on measuring performance of the student i.e. outcomes at different levels. The main feature of the CBCS is to make postgraduate education student centric, allowing students to choose inter-disciplinary, intra-disciplinary courses, skill-oriented courses (even from other disciplines according to their learning needs, interests and attitude) with optimal flexibility for students on par with global standards.

In keeping with the spirit of CBCS based on the norms of UGC, the curriculum has been restructured once in every three years since the college was conferred with the autonomous status in 2007- 2008.

A PG student may take up an Internship/ Summer Training Programme relevant to the subject in any reputed institution for a period of twenty five days, in order to develop knowledge and skills, and equip for career. This programme was included within the curriculum with one credit under curriculum restructuring from 2011-12.

4. Courses

I. Academic Courses:

The following are the various categories of courses offered in the PG programmes:

Arts and Commerce -Core Courses, Elective Courses

Science – Core Courses, Lab Courses, Elective Courses

(i) Core Courses:

These courses should compulsorily be studied by a candidate as a core requirement. They provide basic understanding of the main discipline.

(ii) Elective Courses:

The college provides all information to students regarding Elective Courses as to enable them to choose the relevant ones.

(iii) Project

Each candidate shall be required to take up an individual project of regional relevance and submit it at the end of the third semester. The Head of the Department shall assign the Guide who, in turn, will suggest the Project Work to the student in the beginning of the final year. The Project will be evaluated by an internal and an external examiner nominated by the Controller of Examinations. The candidate concerned will have to defend her Project through a Viva-voce.

(iv) Skill Enhancement Course (SEC)

These courses focus on developing skills or proficiencies in the student, and aim at Providing hands-on training.

(v)Internship/ Industrial Activity

Internship during the first year vacation, i.e. during summer vacation between semester II and III for at least twenty five days, will help the students gain valuable work experience, that connects classroom knowledge to real world experience and to narrow down and focus on the career path. Internship Report should be submitted to the Controller of Examination through respective departments.

(vi) Extension Activity

Community Outreach Activities (UBA) is offered in Semester IV

II. Co-curricular Courses:

(i) Life Skill Training I &II (1 credit each).

Life Skill Training is offered to the PG students in order to mould them into responsible individuals. External Examination is conducted at the end of the II & IV Semesters

(ii) Summer Training/Field Work/ Field Project:

Minimum 30 hours duration spread across twenty five days with one credit is mandatory for all I PG students to undertake at the end of semester I which has to be relevant to society.

(iii) Specific Value-added Courses (SVC)

They are offered in Semester II, where students have to undergo the courses in the discipline.

(iv) Generic Value-added Courses (GVC)

They are offered in Semesters I and III, where students can choose from the courses.

(v) Massive Open Online Courses (MOOCs)

Elective Courses in the curriculum, if offered in MOOC platform, the students can enroll in the same. The mentor of the course should handle class during the course hours. MOOC Examination and Certification is mandatory.

(vi) Library Hour:

One hour per week is allotted as library hour which can be allocated by the departments.

5. Course Coding:

The following code system (11 alphanumeric characters) is adopted for Post Graduate courses:

Department Code	PG	Year of Revision	Semester	Course Specification	Course number
X	P	23	1-4	CC/CP	1,2,3 etc

Course Specifications:

CC - Core Course

CP- Core Practical

PW- Project Work & viva-voce

IS- Internship

SE – Skill Enhancement

FV- Field visit

6. Course Structure

(i) Academic Courses:

Distribution of Hours and Credits

Course	SEMESTER				Total	
	I	II	III	IV	Hours	Credits
Core– Theory	7(5) + 7(5) + 6(4)	6(5)+ 6(5)+ 6(4)	6(5) + 6(5) + 6(5) + 6 (4)	6(5) + 6 (5)	74	57
Elective	5 (3) + 5 (3)	4 (3) + 4 (3)	3 (3) -	4 (3) -	25	18
Project		-		10 (7)	10	7
Skill Enhancement Course		4 (2)	3 (2)	4 (2)	11	6
Internship/ Industrial Activity			(2)		-	2
Extension Activity				(1)	-	1
Total	**30 (20)**	**30 (22)**	**30 (26)**	**30 (23)**	**120**	**91**

Total Number of Hours = 120

(ii) Co-curricular Courses

Course	SEMESTER				Total
	I	II	III	IV	Credits
Life Skill Training –I	-	(1)	-	-	1
Life Skill Training –II	-	-	-	(1)	1
Summer Training Programme/ Field Visit/ Field Project	-	-	-	(1)	1
Specific Value Added Courses		(1)			1
Generic Value Added Courses	(1)		(1)		2
MOOC		(1)		(1)	2
Community Engagement Activity (UBA)		1			1

Total Number of Credits   =   91 + (9)

Non-academic courses are mandatory and conducted outside the regular working hours.

7. Credits

Credit refers to the weight age given to a course, usually in relation to the instructional hours assigned to it and a quantum of work a student is required to put in for a particular course. The credits of a Course should be less than the hours allotted to it. The total minimum credits, required for awarding PG Degree is 91 + (9).

8. Extra Credits (Maximum 10 credits)

Extra credits can be acquired by taking up the following:

 (i) MOOC Courses - In case of 8 weeks course, 1 credit will be given under Non-academic courses and 1 credit as extra credit. In case of 12 weeks course, 1 credit will be given under Non-academic courses and 2 credits as extra credit

 (ii) Self – Learning Courses - 2 credits per course (Maximum 2 courses) (within / between schools)

(iii) Sports Representation – (Maximum 5 credits)

International level   - 5 Credits

National level   - 4 Credits

State level   - 3 Credits

University level   - 2 Credits

District level   - 1 Credit

(iv) Publication in Journals

Peer-reviewed International/National Journals   - 1 credit

SCOPUS / Web of Science (Science Disciplines) (max.3 papers)   - 2 credits

UGC Care List – Category II (Arts and Humanities Disciplines) (max.3 papers)**-** 2 credits

(v) Innovative Prototypes & Business models   - 2 credits

(vi) Startup Ventures: Initiating startups during the period of

 Pre-incubation, incubation and startup   - 5 credits

9. CBCS for PG Programme

Components	No. of Courses	Credit/Course	Total
Core Course/Lab Course	**12**	**4-5**	57
Elective Course	**6**	**3**	18
Project	**1**	**7**	7
Skill Enhancement Course	**3**	**2**	6
Internship/ Industrial Activity	**1**	**2**	2

Extension Activity	**1**	**1**	1
Co-curricular Courses			
Life Skill Training	**2**	**1**	**2**
Summer Training Programme/ Field Visit/ Field Project	**1**	**1**	**1**
Specific Value-added Course	**1**	**1**	**1**
Generic Value Added Courses	**2**	**1**	**2**
MOOC	**2**	**1**	**2**
Community Engagement Activity	**1**	**1**	**1**
Total			**91 + 9**

10. Pedagogy

Each Course is designed with Lectures / Tutorials / Laboratory or Field Work / Seminar /Practical Training / Assignments or Report Writing/ Book review / Group Discussion/Flipped / Blended/ Open Book test/ Problem Solving/ Inquiry based Learning/ Debate/ Experiential Learning etc. to meet effective teaching, learning and evaluation requirements.

11. Examination Pattern

i)   Major Core/Elective

Internal: 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
Seminar(10 marks)	5
Assignment: (Model Making, Exhibition, Role Play, Group Discussion, Problem Solving, Class Test, Open Book Test (Minimum three items per course) (30 marks)	5
Total	**25**

Question Pattern

Internal Test	Marks	External Exam	Marks
Part A 4 x 1	4	Part A 10 x 1 (No choice)	10
Part B 3 x 4	12	Part B 5 x 6 (Internal choice)	30
Part C 3 x 8	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**

(iii) Life Skill Training
Internal Component

Components		Marks
Life Ethics Course-I	Album (20pages)	30
	Group Song, Mime, Skit (Group of 5students)	20
	Total	**50**
Life Ethics Course-II	Case Study(30pages)	50
	Total	**50**

External Component

Written Test	Five out of Seven (5 x 10)	50
	Total	**40**

(iv) Community Engagement Activity-UBA

Internal Component	
Component	**Marks**
Attendance (Field Work)	30
Participation	20
Total	**50**

External Component

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

12. OBE
(i) Knowledge levels for assessment of Outcomes based on Blooms Taxonomy

S. No	Level	Parameter	Description
1	KI	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) Weight age of K – levels in Question Paper
Number of questions for each cognitive level:

Assessment	Cognitive Level	KI			K2			K3			K4, K5, K6			Total
Internal Test	Part	A	B	C	A	B	C	A	B	C	A	B	C	
	No. Of Questions	1	1			1			1		1	2	1	2	10
External Examination	Part	A	B	C	A	B	C	A	B	C	A	B	C	
	No. Of Questions	3	-	1	3	1	1	1	2	1	3	2	2	20

13. Evaluation

i. The performance of a student in each Course is evaluated in terms of percentage of marks with a provision for conversion to grade points.

ii. Evaluation for each Course shall be done by a 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.

iii. There shall be examinations at the end of each semester, for odd semesters in October/November; for even semesters in April / May.

iv. A candidate who does not pass the examination in any course (s) shall be permitted to re-appear in such failed course (s) in the subsequent examination to be held in October / November or April / May. However, candidates who have arrears in Practical Examination(s) shall be permitted to re-appear for their

arrears only along with Regular Practical examinations in the respective semester.

iv. Viva- voce: Each candidate shall be required to appear for Viva-voce Examination in defense of the Project.

vi. The results of all the examinations will be published in the College website.

14. Conferment of the Master's Degree

A candidate shall be eligible for the conferment of the Degree of Master of Arts / Science / Commerce

only   if the minimum required credits for the programme thereof (91 +10 credits) is earned.

15. Grading System

For a semester examination:

Calculation of Grade Point Average for End Semester Examination:

GPA   =   Sum of the multiplication of grade points by the credits of the course

Sum of the credits of the courses (passed) in a semester

For the entire programme:

Cumulative Grade Point Average (CGPA) $\Sigma_n\Sigma_i C_{ni}G_{ni} / \Sigma_{ni}\Sigma_i C_{ni}$

CGPA =   Sum of the multiplication of grade points by the credits of the entire programme

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

16. 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
00-49	0.0	U	Re-Appear
ABSENT	0.0	AAA	ABSENT

Overall Performance

CGPA	Grade	Classification of Final Results
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++	First Class with Distinction*
8.0 and above but below 8.5	D+	
7.5 and above but below 8.0	D	
7.0 and above but below 7.5	A++	First Class
6.5 and above but below 7.0	A+	
6.0and above but below 6.5	A	
5.5and above but below 6.0	B+	Second Class
5.0 and above but below 5.5	B	
0.0 and above but below 5.0	U	Re-appear

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

Mapping of Vision /Mission /Programme Education Objectives of the Institution

Vision	Mission	Programme Education Objectives
Imbibing the Spirit of the Holy Cross, the institution envisions a harmonious society by empowering young women for global competency and ecological sustainability through holistic approach with innovative skills.	**1.** To provide quality education and to promote scholarly activities catering to global competencies. **2.** To nurture participatory leadership to enhance social consciousness and social responsibility. **3.** To uphold ethical values of honesty, personal accountability and transparency through professional commitment. **4.** To create global professionals and entrepreneurs with innovative spirit and zeal. **5.** To create empowered women of competence, commitment and	**1.** The graduates will apply appropriate theory and scientific knowledge to participate in activities that support the humanity and economic development, nationally and globally, developing as leaders in their fields of expertise**. M1 & M2** **2.** The graduates pursue life-long learning and continuous improvement of the Knowledge and skills with the highest professional and ethical standards. **M3 & M4** **3.** The graduates will develop strong and competent knowledge with diversified professional skills in

compassion. **6.** To instil in students the awareness of interconnectedness between human and nature	accordance with dynamic real–time challenges and career opportunities. **M5 & M6**

Mapping of PEO'S and PO'S

PEOs	PO1	PO 2	PO3	PO4	PO5	PO6
PEO 1	S	S	S	S	S	S
PEO 2	S	S	M	M	S	S
PEO 3	M	M	S	S	S	S

Strong -S (3), Medium – M (2), Low – L (1)

PG Programmes

Semester I

Course Code	Title of the Course	Credits	Hours / Week
FP231CC1	Core Course I: Advanced Micro Economics	5	7
FP231CC2	Core Course II: Indian Economic Development and Policy	5	7
FP231CC3	Core Course III: Statistics for Economists	4	6
FP231EC1 FP231EC2 FP231EC3	Elective Course I: a) Modern Economic Thought　　　　　　　b) Rural Economics　　　　　　　c) Economics of Infrastructure	3	5
FP231EC4 FP231EC5	Elective Course II: a) Regional Economics　　　　　　　b) Welfare Economics	3	5
	Total	**20**	**30**

Semester II

Course Code	Title of the Course	Credits	Hours / Week
FP232CC1	Core Course IV: Monetary Economics	5	6
FP232CC2	Core Course V: Labour Economics	5	6
FP232CC3	Core Course VI: Mathematical Economics	4	6
FP232 EC1FP232 EC2 FP232 EC3	Elective Course III : a) Gender Economics　　　　　　b) Urban Economics　　　　　　c) Demography	3	4
FP232 EC4FP232EC5	Elective Course IV : a) Resource Economics　　　　　　b) Economics of Climate Change	3	4
FP232SE1	Skill Enhancement Course I :Social Ethics and Responsibilities – Women Empowerment, Disability, Social Inclusion	2	4
	Total	**22**	**30**

Semester III

Course Code	Title of the Course	Credits	Hours / Week
FP233CC1	Core Course VII: Advanced Macro Economics	5	6
FP233CC2	Core Course VIII: Public Economics	5	6
FP233CC3	Core Course IX: Research Methodology	5	6
FP233CC4	Core Course X: Agricultural Economics	4	6
FP233EC1 FP233EC2 FP233EC3	Elective Course V: a) Economics in Everyday Life b) Entrepreneurial Development c) Economics of Natural Disasters	3	3
FP233SE1	Skill Enhancement Course II :Personality Development -Facing of Interview in Private and Government Jobs	2	3
FP233IS1	Skill Enhancement in Companies and Institutions	2	-
	Total	**26**	**30**

Semester IV

Course Code	Title of the Course	Credits	Hours / Week
FP234CC1	Core Course XI: International Economics	5	6
FP234CC2	Core Course XII: Development Economics	5	6
FP234EC1F P234EC2 FP234EC3	Elective Course VI: a) Economics of Social Issues b) Human Resource Development c) Economics of Sustainable Development	3	4
FP234PW1	Project with Viva - Voce	7	10
FP124SE1	Skill Enhancement Course III :Skill Development of Tally (Learning of Tally for Employability)	2	4
FP234EA1	Extension Activity	1	-
	Total	**23**	**30**
	TOTAL	**91**	**120**

CO-CURRICULAR COURSES

Semester	Code	Title of the Course	Credit
I & II	HE232LE1	Life Skill Training	1
II & IV	-	MOOC	1+1
II	SL232CE1	Community Engagement Course (CEC)	1
III & IV	HE234LE2	Life Skill Training	1
III	FP2323S1	Internship	1
III	FP233ST1	Summer Training Programme	
III	FP233FV1	Field Visit	
III	FP233FP1	Field Project	
I	FP231SV1	Specific Value-added Course : Logistic Management	1
II & IV	-	Generic Value-added Course	1+1
		Total	9

Value Added Course

Course code	Course Title	Credit	Hours/Week
FP231SV1	Specific Value-added Course : Logistic Management	1	30
PF20VA1	Stress Management		30

Core Course I:Advanced Micro Economics

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FP231CC1	6	1	-	-	5	7	105	25	75	100

Pre–requisite:

 Students should know the various Microeconomic variables and theories

Learning Objectives:

1. To make the students to understand consumer behavior with the theories of Demand and Production

2. To elaborate various market structure and the theories of distribution

Course Outcomes

	On the successful completion of the course, student will be able to:	
1	Remember the concepts of consumer behavior	K1
2	Understand the theories of under uncertainty.	K2
3	Apply how price and output is determined indifferent market situations and analyse the market structures	K3&K5
4	Analyse the alternative theories of firms.	K4
5	Evaluate the role of trade unions and explain the theory of distribution.	K5

K1-Remember;**K2 –**Understand;**K3 –**Apply;**K4–** Analyze;**K5-**Evaluate;**K6-**Create

Units	Contents	No. ofHours
I	**Consumer Choice** ordinal utility Cardinal and - Indifference curve approach– Slutsky's Decomposition of price effect into substitution effect and income effect – Consumer surplus -Marshall's and Hicksian measures – Compensatory Demand Curve- Revealed Preference Theorem- and derivation of Marginal Utility schedule for money income.	20
II	**Economics of Information** Informational asymmetry –-Choice under Uncertainty - N-M Index – Inter-temporal choice -Market for lemons- Adverse selection –Insurance market and adverse selection – Solution to principal agent problem-Hidden action (Moral Hazard) - Signaling and Screening.	20

III	**Market Structure Models** a. Perfect competition – Price and output determination – Optimum firm- b. Monopoly – Short run and long run equilibrium - Price discrimination monopoly control, and regulation – Contestable Market- c. Oligopoly – Duopoly price game-dominant strategy-Nash Equilibrium Non-collusive Models -Cournot- Bertrand – Chamberlin – Edgeworth – Sweezy – Stackelberg- Oligopoly - Collusive Models - Cartels and mergers -Price leadership - Base point price system Monopsony – Price and output determination – Workable competition.	20
IV	**Alternative Theories of Firm** a. Full Cost Pricing Rule- Limits Monopolistic competition– Chamberlin Model- selling costs - Excess capacity – pricing theory-Bains Theory- Sylos-Labini Model-Modigliani's Models- Input-output model -Linear programming applications in decision making-Peak Load Pricing – Administered Pricing- Purchasing Power Parity Price.	20
V	**Distribution Theories** Neo-classical approach – Marginal productivity theory; Product exhaustion theorem; - Modern theory of distribution – Factor Pricing in imperfect product and factor markets- Determination of Wages –Labour supply and wage determination – Role of trade unions and collective bargaining- Theories of Interest- Theories of Profit.	25
Self Study	**(Unit–I Consumer Surplus) (Unit– II Monopoly)**	

Text Books

1. AhujaH.L.,2017,AdvancedEconomicTheory,(21stEdition),S.ChandandCompanyLimited,NewDelhi,No.of Pages as PP-1347.

2. Koutsyiannis A. (1978),3rdModernMicroEconomics, (Macmillan- London).No.ofPagesasPP-453

Reference Books

1. AhujaH.L.,2017, Advance Economic Theory, (21stEdition), S. Chand and Company Limited, New Delhi, No. of Pages as PP-1347.

2. Hal R. Varian (2004), Intermediate Micro Economics 8th Edition (East-West Press: New Delhi).No. of Pages as PP-739

3. Ruffin Roy. J (1992), 2nd Intermediate Micro Economics Harper & Collins Publishers. No. of Pages as PP-588

4. Koutsyiannis A. (1978),3rdModernMicroEconomics, (Macmillan- London).No. of Pages as PP- 453

Web Resources

1. http://open.oregonstate.education/intermediatemicroeconomics/chapter/module-1

2. http://saylordotorg.github.io/text_introduction-to-economic analysis/s16-monopoly.html

3. http://saylordotorg.github.io/text_introduction-to-economicanalysis/s17-games-and-strategic-behaviour.html

MAPPINGWITHPROGRAMMEOUTCOMESANDPROGRAMMESPECIFICOUTCOMES

	PO1	PO2	PO3	PO4	PO5	PO6	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	2	3	3	3	2	3	3	3	3	3
CO2	3	2	3	3	2	2	3	3	3	3	3
CO3	2	3	3	3	2	3	3	3	3	3	3
CO4	2	3	3	3	3	3	3	3	3	3	3
CO5	3	3	3	3	2	2	3	3	3	3	3
Total	13	13	15	15	12	12	15	15	15	15	15
Average	2.6	2.6	3	3	2.4	2.4	3	3	3	3	3

3-Strong;2-Medium;1 -Low

Core Course II: Indian Economic Development and Policy

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FP231CC1	6	1	-	-	5	7	105	25	75	100

Pre–requisite:

Acquire the Knowledge of availability of resources and Challenges of Indian Economy

Learning Objectives:

1. To provide a macro economic understanding of the Indian Economy
2. The students become aware of various challenges of the Indian Economy

Course Outcomes

On the successful completion of the course, student will be able to :		
1	Remember the structural change in the Indian Economy	**K1**
2	Remember the Performance of agricultural and industrial Sector	**K1&K2**
3	Ability to learn the trends in the economy	**K2&K3**
4	Identify the Impact of Poverty	**K3&K4**
5	Analyze the social issues like unemployment, gender Disparities	**K5**

K1-Remember;**K2 –**Understand;**K3 –**Apply;**K4–** Analyze;**K5-**Evaluate;**K6-**Create

Units	Contents	No. of Hours
I	**Introduction** Growth and Structural Change Indian economy at Independence-The policy framework: statist policy, transition to market-oriented policy, role of erstwhile Planning Commission and NITI Aayog- Two phases of growth (1950-1980 and 1980 onwards), factors underlying turnaround-Structural change in Indian economy.	20

II	**Agricultural and Industrial Sector** Agricultural and Industrial Sectors - Agricultural Sector Performance of agricultural sector, factors determining agricultural growth - Factors underlying food inflation- Agricultural price policy and food security Industrial Growth - Industrial growth before and after reforms - Dualism in Indian manufacturing- Issues in performance of public sector enterprises and privatization.	**20**
III	**Fiscal Developments** Fiscal Developments, Finance and External Sector Expenditure trends- GST: rationale and impact- Evolution of the financial sector in post-liberalization period-External sector performance: emergence of India as major exporter in services, performance of manufacturing sector.	**20**
IV	**Poverty and Inequality** Poverty and Inequality - Measuring poverty in India: Selection of poverty lines-Poverty in pre and post liberalization periods- Impact of growth on poverty-PDS vs cash transfers, feasibility of universal basic income in India -Inequality in India in pre and post liberalization periods.	**20**
V	**Social Sector** Social Issues Gender gap in India and trends in female labour force participation rates, factors determining female labour force participation- Employment: changing nature of employment in India, "jobless growth"- Labour in informal sector- India's graphic transition.	25
Self Study	Unit– IV –Poverty and Inequality	

Text Books

1. SundaramKPM.,(2002),IndianEconomy,42revisededition.,S.ChandPublications

2. Misra,S,&Puri,V.,(2020.),IndianEconomy,RevisedEdition.,S.ChandPublications

Reference Books

1. KaushikBasu(Ed.)(2012),OxfordCompaniontoIndianEconomy,3rdEdition,OUP,New Delhi.

2. UmaKapila(Ed.)(2018),Indian Economy since Independence, Academic
Foundation, NewDelhi,29thEdition.

3. Ashima Goyal(Ed.)The Oxford Handbook of the Indian Economy
inthe21stCentury:Understandingthe Inherent Dynamism, Oxford University
Press.

Web Resources

1. https://www.adb.org/countries/india/economy

2. https://www.oecd.org/economy/india-economic-snapshot/

3. https://www.indiabudget.gov.in/economicsurvey/

MAPPINGWITHPROGRAMMEOUTCOMESANDPROGRAMMESPECIFICOUTCOMES

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	1	2	3	3	3	1	2	3	3	3	3	3
CO2	3	3	3	2	3	2	3	2	3	3	2	3
3	3	3	3	2	3	2	3	3	2	2	3	3
CO4	1	2	3	3	3	3	3	3	3	3	3	3
CO5	2	2	3	3	3	3	3	2	3	3	3	3
Total	10	12	12	13	12	11	14	13	14	14	14	15
Average	2	2.4	3	2.6	3	2.2	2.8	2.6	2.8	2.8	2.8	3

3-Strong;2-Medium;1 -Low

SEMESTER I

Core Course III: Statistics for Economists

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FP231CC3	4	2	-	-	4	6	90	25	75	100

Pre–requisite:

Improve the analytical skills

Learning Objectives:

1. To provideastrongfoundationinstatisticalconceptsanddevelopskillsindatahandlingandresearch

2. The course facilitates in inferring the intensity of relationship between multiple variables and building appropriate statistical models. The models thus formulated can be tested for their significance and can be used for forecasting

Course Outcomes

On the successful completion of the course, student will be able to :		
1	Remember the basic Probability rules and understand theoretical distributions.	K1
2	Understand knowledge on the various sampling methods and testing of Hypotheses	K1&K2
3	Apply test and chisqu are for analysis	K2&K3
4	Analyse the importance of one and two way ANOVA	K3&K4
5	Evaluate the various Decision making tools available	K5

K1-Remember;**K2 –**Understand;**K3 –**Apply;**K4–** Analyze;**K5-**Evaluate;**K6-**Create

Unit	Contents	No. Of Hours
I	**Probability** Probability - Addition and Multiplication Theorems - Conditional Probability - Discrete and Continuous - Random Variables - Mathematical Expectations – Bayes Theorem - Theoretical Distributions -Binomial, Poisson and Normal.	15
II	**Sampling and Hypothesis Testing** Sampling Theory - Types of Sampling - Sampling Distributions - Parameter and Statistic - Testing of Hypothesis - Level of Significance - Type I and Type II Errors - Standard Error -Properties of Estimator.	15

III	**Test of Significance Large and Small Sample** Difference between Large and Small Samples - Test of Significance for Large Samples - Test for Two Means and Standard Deviations - Proportion and Confidence Interval - Small Sample Test –t-test - Paired t- test - Chi-square Test- Test of Goodness of Fit.	20
IV	**Analysis of Variance** F test: Assumptions in F test -Analysis of Variance: Assumptions – One-Way and Two-Way Classifications.	20
V	**Statistical Decision Theory** Definitions – Concepts – Maximin - Minimax - Bayes Criterion - Expected Monetary Value - Decision Tree Analysis: Symbols - Steps - Advantages and Limitations.	20
Self Study	Unit–II Sampling Theory, Types of Sampling	

Text Books

1. GuptaS.P.,StatisticalMethods,SultanChandandSons,NewDelhi,2017.
2. Anderson,SweeneyandWilliams,"StatisticsforBusinessandEconomics",Cengage,2014.

Reference Books

1. Agarwal. Y.P (2002),"Statistics Methods – Concepts Application and Computation", Sterling Publishers Private Ltd., New Delhi.

2. Vittal P .R., Mathematical Statistics, Margham Publications
3. Pillai R.S.N .and Bagavathi V (2010),Statistics, Sultan & amp; Chand Sons , NewDelhi.

Web Resources

1. https://www.statista.com.
2. https://techjury.net
3. https://dss.princeton.edu/online_help/analysis/interpreting_regression.htm

MAPPINGWITHPROGRAMMEOUTCOMESANDPROGRAMMESPECIFICOUTCOMES

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	2	3	2	2	1	1	3	3	2	2	2
CO2	3	2	2	2	2	3	1	2	2	3	2	2
CO3	3	2	3	3	2	3	1	2	2	2	2	2
CO4	3	2	2	2	3	3	1	2	2	2	3	3
CO5	3	2	2	2	3	3	1	3	3	3	2	2
Total	14	10	14	11	12	13	5	12	12	12	11	11
Average	2.8	2	2.8	2.2	2.4	2.6	1	2.4	2.4	2.4	2.2	2.2

3-Strong;2-Medium;1 -Low

Elective Course I:ModernEconomicThought

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FP231DE5	4	1	-	-	3	5	75	25	75	100

Pre–requisite:

Students should understand the modern contribution towards economics

Learning Objectives:

1. To trace the ideas of Modern Economists
2. To understand the contribution of the Economists

Course Outcomes

On the successful completion of the course, student will be able to :		
1	Understand modern economic concept of role of Entrepreneur Innovation	K1
2	Ability to understand about Capital Formation, Disguised Unemployment Imperfect Competition	K1&K2
3	Understand the ideas of Permanent Income Hypothesis	K3
4	Analyse the ideas of Modern Indian Economists-Regional Economics, Ecological Theory of Population	K4
5	Evaluate the economic ideas like role of Technological Progress-Poverty-Deficit Financing and Public Expenditure	K5

K1-Remember;**K2 –**Understand;**K3 –**Apply;**K4–** Analyze;**K5-**Evaluate;**K6-**Create

Unit	Contents	No. of Hours
I	**Classical Economic Thought** Economic ideas of Irving Fisher –The Quantity theory of Money- Theory of Interest Joseph Alois Schumpeter - Method of Study –Deductive Method –Inductive Method-Theory of Economic Development - Role of Entrepreneur –Innovation-Business Cycles – Capitalism and Socialism .J.K. Galbraith – The objective of Economic Progress- Concept of Countervailing Power.	15
II	**Neo Classical Economic Thought** Ragnar Nurske – Foreign Resources – Capital Formation – Disguised Unemployment Mrs- Joan Robinson –Imperfect Competition – F.Y .Edgeworth –Mathematical Economic Analysis –Three Dimensional Utility	15

III	**Keynesian Economic Thought** Lord Lionel Robbins – Definition of Economics-Causes of Depression -Milton Friedman – Quantity Theory of Money –Permanent Income Hypothesis ,Friedman and Savage Hypothesis , Paul A. Samuelson –Impact of Keynesian Economics –Revealed Preference Theory – Business Cycles –Social Welfare Function-Samuelson's Utility Possibility Approach	15
IV	**Post Keynesian Economic Thoughts** Ideas of Modern Indian Economists-R.K.Mukerjee- Institutional theory of Economics-Regional Economics - Ecological Theory of Population -Planning in India,J.K.Mehta – Static and Dynamic Economics -Economics of Welfare - Economics of Growth and Development-Economics of Fast	15
V	**Indian Economists** C.N.Vakil -Planning- Wage -Goods Model-Role of Technological Progress- Poverty -Deficit Financing and Public Expenditure, V.K.R.V.Rao -Economic Activities -Institutional Development-Deficit Financing-Fiscal Policy-Human Factor in Economic Growth-Amartya Kumar Sen –Poverty and Famine ,Poverty and Inequality-Concept of Capability-Entitlement -Choice of Techniques.	15
Self Study	Unit-II, Disguised Unemployment	

Text Books:
1. Dr.U.C. Kulshrestha(1994),History of Economic Thought, Lakshmi Narain Agarwal
2. Dr.S.Sankaran(2006),AHistoryofEconomicThought,MarghamPublications

Reference Books:
1. Eric Roll (1956)A History of Economic Thought, Prentice Hall, Inc, U.S.A,
2. Dr.Pankaj Srivastava(2018)Economic Thinkers, DND Publications, Jaipur
3. M.L.Jhingan,M.GirijaandL.Sasikala(2011),HistoryofEconomicThought,VrindhaPublications

Web Resources:
1. https://ebrary.net/112930/history/a_brief_history_of_economic_thought
2. https://www.exploring-economics.org
3. https://www.econlib.org

MAPPINGWITHPROGRAMMEOUTCOMESANDPROGRAMMESPECIFICOUTCOMES

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

3-Strong;2-Medium;1 -Low

Elective Course II: Rural Economics

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FP231DE4	4	1	-	-	3	5	75	25	75	100

Pre–requisite:

StudentsshouldgettheknowledgeaboutruraleconomicdevelopmentinIndia

Learning Objectives:

1. To understand rural economic development in India
2. To know about the Rural Empowerment Programs initiated by Government of India

Course Outcomes

On the successful completion of the course, student will be able to :		
1	Understand the nature and scope of rural economics.	K1&K2
2	Defineanddemonstratethetheoriesofruraldevelopment and rural resources.	K2
3	Recall, outline and determine rural demo graphy and occupation structure.	K2&K3
4	Examine and evaluate rural poverty and unemployment.	K3&K4
5	Summarize, develop and explain the rural empowerment programs.	K5

K1-Remember;**K2 –**Understand;**K3 –**Apply;**K4–** Analyze;**K5-**Evaluate;**K6-**Create

Unit	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 - Rural Development: Meaning, Nature and Scope - Factors Affecting Rural Growth	15
II	**Rural Resources and Rural development theories** Rural Resources: Nature, Types and Magnitude - Rural Resources Management and Development - Application of Technology in Rural Development –Problems and prospects - W.W. Rostow's - Lewis-Fei-Ranis and Gandhian Approach to Rural Development.	15

III	**Rural Demography and Occupational Structure** Demography: Population Size, Sex and Age Composition - Density of Population- Population Problems and Challenges – Family Welfare Measures in Rural India - Occupational Structure: Nature of Rural Occupations - Occupational Distribution in Rural India – The Concept of Work Participation Rates.	15
IV	**Rural Poverty and Unemployment** Rural Poverty: Meaning, Estimates, Causes and Consequences – Unemployment: Meaning, Types and Magnitude of Rural Unemployment - Causes and Consequences - National Programmes for Rural Development - Community Development Programmes and Employment Guarantee Schemes.	15
V	**Rural Empowerment Programmes** Bharat Nirman, Provisions of Urban Amenities in Rural Area (PU RA), Mahatma Gandhi National Rural Employment Guarantee Act - Agencies for Rural Development: Government, Semi-Government Organisations, Co-Operative Institutions, Non-Government Organisations and Voluntary Agencies for Rural Development.	15
Self Study	Unit–IV Rural Unemployment	

Text Books

1. VasantDesai:RuralDevelopmentinIndia,HimalayaPublishingHouse,Mumbai,2012.

2. Duttand Sundaram- Indian Economy, S. Chand Publications, New Delhi, 2013-07-02.

Reference Books

1. Singh,K.,&Shishodia,A.(2016).Ruraldevelopment:Principles,policies,andmanagement.SAGE Publishing India.
2. Hoff,K.,Braverman,A.,&Stiglitz,J.E.(1993).Theeconomicsofruralorganization.Oxford:Oxford University Press.
3. Hill,B.,&Ray,D.(1987).Economicsforagriculture:food,farmingandtheruraleconomy.Basingsto ke,UK: Macmillan Education.

Web Resources

1. https://www.kobo.com/us/en/ebooks/public-finance
2. https://www.amazon.in/PUBLIC-FINANCE-AMBAR-GHOSH-ebook/dp/B07W5F2P1Q
3https://www.niti.gov.in/sites/default/files/2021-08/11_Rural_Economy_Discussion_Paper_0.pdf

MAPPINGWITHPROGRAMMEOUTCOMESANDPROGRAMMESPECIFICOUTCOMES

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	1	3	3	2	3	2	3	3	3	2	3	3
CO2	2	3	3	3	2	3	3	3	2	3	3	3
CO3	1	2	2	2	3	3	1	3	3	2	3	3
CO4	3	3	2	3	3	2	3	3	3	3	2	3
CO5	1	2	3	3	2	3	3	3	3	3	2	3
Total	8	13	13	13	13	13	13	15	14	13	13	15
Average	1.6	2.6	2.6	2.6	2.6	2.6	2.6	3	2.8	2.6	2.6	3

3-Strong;2-Medium;1 -Low

Elective Course II: Regional Economics

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FP231DE6	4	1	-	-	3	5	75	25	75	100

Pre–requisite: Develop the knowledge of Regional

economic growth.

Learning Objectives:

1. To equiptheanalyticalskillsrequiredtoanalysetheregionaleconomicissues

2. To understand Regional economic growth in India

Course Outcomes

On the successful completion of the course, student will be able to :		
1	Understand the nature and scope of regional economics	K1&K2
2	Apply the Models of regional, inter-regional and multi-regional models	K3&K4
3	Evaluate the various theories of regional economic growth	K2, &K4
4	Describes the Measurement of interregional economic Grow that State level	K4&K4
5	Apply Regional A spects of Stabilization and Growth Policy	K4&K5

K1-Remember;**K2 –**Understand;**K3 –**Apply;**K4–** Analyze;**K5-**Evaluate;**K6-**Create

Unit	Contents	No. Of Hours
I	**Introduction to Regional Economics** Nature and scope of regional economics – Regional economics and regional science –Regional and Urban Economics: Need for a separate study of regional economics – Concept and types of regions: Administrative, Planning, Agro-climatic, Economic and Functional regions.	15
II	**Approaches to regional growth** Approaches to regional growth: Models of regional, inter-regional and multi-regional models; Export base models – Location Theory - Gravity models – Shift-share analysis	15
III	**Theories of regional economic growth** Neoclassical models – Dualistic models: Social dualism – Labour surplus model of Arthur Lewis- Migration and development: Harris-Todaro – Core-Periphery models: Myrdal's Cumulative Casuation Hypothesis – Regional Input-output models - New Economic Geography models: Paul Krugman's model of industrial location and development	15
IV	**Regional economic growth in India** Administrative regions in India: State, District, Taluk and Village; Urban and Rural regions - Concept, definition and measure of State Income (GSDP) – Rural and urban GDP – Differences in estimation of national income (GDP) and State Income (GSDP) -Measurement of interregional economic growth at State level	15
V	**Regional Aspects of Stabilization and Growth Policy** Post-war Regional Cyclical Behaviour and Policy Measures for Stabilization, Theories to Explain Regional Differences in Growth, Fiscal Programmes, Tax and Transfer Programmes, Fiscal Responses of Power Level Governments,Regional Orientation to Policy Programmes and Central Responsibility.	15
Self Study	Unit–I Types of Regions	

Textbooks
1. CapelloRoberta.(2016).RegionalEconomics,Routledge(NewYork),2[nd]Edition,PP-378.
2. Temple, M. (1994).*Regional economics*. St. Martin's Press.

References

1. Martin Armstrong ,Jim Taylor(2000), RegionalEconomicsandPolicy,3rdEdition,

   Wiley- BlackwellPublication,PP-448.

2. Harry W Richardson(1973):Regional Growth Theory, Macmillan.

3. HarryW.Richardson.(1970).ElementsofRegionalEconomics.PenguinBooks(NewYork).

4. HarryWRichardson(1969):RegionalEconomics:Locationtheory,Urbanstructureandregiona l

   change, Weidenfeld &Nicolson(London)

Web resources

1. http://www.rri.wvu.edu/WebBook/Giarratani/contents.htm

2. https://researchrepository.wvu.edu›cgi›viewcontent

3. https://ddceutkal.ac.in›Syllabus›MA_Economics

MAPPINGWITHPROGRAMMEOUTCOMESANDPROGRAMMESPECIFICOUTCOMES

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

3-Strong;2-Medium;1 -Low

Elective Course II: Economics of Infrastructure

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FP231EC2	4	1	-	-	3	5	75	25	75	100

Pre–requisite:

Students should get the knowledge about the infrastructure in India

Learning Objectives:

1. To understand the main categories of infrastructure

2. To know the physical and social infrastructure

Course Outcomes

On the successful completion of the course,student will be able to :		
1	To define and explain the consequences of growth on the demand for infrastructure and dual principal controversies	K1&K2
2	To demonstrate and identify the importance of the cost and mode of transportation	K2
3	Illustrate, explain and examine the role of energy and its infrastructure in economic development	K2&K3
4	Examine how the power supply and explain and dissect its pricing problems	K3&K4
5	Explain, discuss and analyse the social Infrastructure and its relevance in the economy	K5

K1-Remember;**K2** –Understand;**K3** –Apply;**K4**– Analyze;**K5-**Evaluate;**K6-**Create

Unit	Contents	No. of Hours
I	**Introduction** Introduction - Infrastructure and economic development — Infrastructure as a public good; Social and physical infrastructure; Special characteristics of public utilities. The peak-load – Off-Load Problem – Dual Principle Controversy; Economies of scale of Joint supply ; Marginal Cost Pricing vs. other methods of pricing in public utilities.	15
II	**Transport Economics** Transport Economics – The structure of Transport Costs and Location of Economic Activities. Demand for Transport – Models of Freight and Passenger Demand – Model Choice; Cost Functions in the Transport Sector – Principle of Pricing – Special Problems of Individual Modes of Transport; Inter-modal condition in the Indian Situation.	15
III	**Energy Economics - I** Energy Economics – Primacy of Energy in the Process of Economic Development – Factors Determining Demand for Energy; Effects of Energy Shortages – Energy Conservation – Renewable and Nonconventional Sources of Energy – Energy Modelling– The Search for an Optimal Energy Policy in the Indian Context.	15
IV	**Energy Economics - II** Electricity, Gas and Water Supply- Bulk Supply and Pricing of Electricity – The Relative Economics of Thermal, Hydel and Nuclear Power Plants – The Case for a National Power Grid – Financing Water Utilities – Urban and Rural Water Supply – The Exploitation of Natural Gas – Pricing Problem.	15
V	**Social Infrastructure** Social Infrastructure – Education and Economic Growth – The Case for Universal, Free, Primary Education; Structure of higher education and problems of its financing in India – Human Resources and Human Capital Development - Health dimensions of development; Determinants of Health - poverty, malnutrition, illiteracy and lack of information; Demand and supply of health care; Financing of health care; Inequalities in health - class and gender perspectives; Institutional issues in health care delivery.	15
Self Study	Education and Economic Growth	

Text Books:

1. Becker, G.S. (1974), Human Capital (2nd Edition), National Bureau of Economic Research, New York.

2. Crew, M.A. and P.R. Kleindorfer (1979), Public Utility Economics, Macmillan, London.

References:

1. India Infrastructure Report, Urban Infrastructure, 3i Network, 2006

2. Jha, R., Chandiramani, J., Perspectives in Urban Development: Issues in Infrastructure, Planning and Governance, Capital Publishing Company, New Delhi, 2012.

3. McKinsey Global Institute. Urban World: **Mapping the economic power of cities**. McKinsey & Company. 2011.

Web Reference:

1. www.niua.org

2. https://censusindia.gov.in/

3. https://onlinecourses.nptel.ac.in/noc22_hs64/preview

MAPPINGWITHPROGRAMMEOUTCOMESANDPROGRAMMESPECIFICOUTCOMES

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	2	3	3	1	2	3	2	3	3	3	3
CO2	3	3	3	3	2	3	2	3	3	2	3	3
CO3	2	2	1	2	1	3	3	2	3	3	3	3
CO4	2	3	3	3	3	2	3	3	3	3	3	2
CO5	3	3	3	2	1	3	2	3	3	3	3	2
Total	13	13	13	13	8	13	13	13	15	14	15	13
Average	2.6	2.6	2.6	2.6	1.6	2.6	2.6	2.6	3	2.8	3	2.6

3-Strong;2-Medium;1 -Low

Elective Course II :Welfare Economics

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FP231GE7	4	1	-	-	3	5	75	25	75	100

Pre–requisite:

Know the fundamentals of Welfare Economics

Learning Objectives:

1. ToenablestudentstounderstandthefundamentalsaswellasdevelopmentinthefieldofWelfare Economics
2. ToshowtheimportanceofwelfareEconomicscomparedtothatofwealthEconomics

Course Outcomes

On the successful completion of the course, student will be able to :	
1	Remember the Contribution to Welfare Economics	K1
2	Understand the different approaches to Welfare Economics	K2
3	Analyze the development of Pareto Optimality Conditions	K3&K4
4	Describe the compensation Criteria of Economics	K4
5	Evaluate theories of Social Choice.	K5

K1-Remember;**K2 –**Understand;**K3 –**Apply;**K4–** Analyze;**K5-**Evaluate;**K6-**Create

Unit	Contents	No. of Hour s
I	**Introduction to Welfare Economics** Welfare Economics :Meaning- Concepts: Individual and Social Welfare- Value Judgments- Preferences and Utility -Utility function: Properties - Interpersonal comparisons of utility: degrees of interpersonal comparability. –Social Welfare Function: –Bentham's Utilitarianism- Pigouvian Welfare Economics.	15
II	**Approaches to Welfare** Cardinal and Ordinal Approaches- Hicks's Four Measures of Consumers' Surplus- Partial and General Equilibrium- Edgeworth Box Diagram- General Equilibrium of Production and Exchange.	15
III	**Pareto Optimality Conditions** Pareto-Optimality Criterion -Definition-Marginal Conditions of Pareto Optimum – Perfect Competition and Pareto Optimality- Exceptions –Externalities – Public Goods and Market Failure –	15

	Theory of Second Best.		
IV	**New Welfare Economics** New Welfare Economics – Kaldor- Hicks Compensation Criterion – Utility Possibility Curve -Shortcomings – Scitovsky Paradox – Scitovsky's Double Criterion of Welfare– Little's Criterion.	15	
V	**Theories of Social Choice** Utility Possibility Curve and Frontier Grand Utility Possibility Curve- Iso Welfare Curves- Arrow's Impossibility Theorem – Amartya Sen and Capability Theorem – Rawls Theory of Social Justice	15	
Self Study	Unit–III Pareto-Optimality Criterion		

Text Books

1. Rana & Verma K.N(2012) Micro economic Theory ,Vishal Publishing House
2. Per–Olov Johannson(2009)An introduction to Modern Welfare
Economics, Cambride University Press

Reference Books

1. Arrow ,KennethJ(1963)Social Choice and Individual Values,
Cowles FoundationMonograph12,2nded.YaleUniversity

2. Bossert,WalterandKotaroSuzumura(2010)Consistency,ChoiceandRationality,Harvard

University Press : Cambridge MA

3. Broadway ,R.W. and N. Bruce (1984),Welfare Economics ,Basil Blackwell ,Oxford

Web Resources

1. https://conceptually.org/concepts/pareto-principle

2. https://web.stanford.edu/~jdlevin/Econ202/GeneralEquilibrium.pdf

3. https://policonomics.com/lp-welfare-economics1-general-equilib

MAPPINGWITHPROGRAMMEOUTCOMESANDPROGRAMMESPECIFICOUTCOMES

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	2	3	1	3	3	3	3	2	2	3	2
CO2	3	3	3	1	2	3	3	2	3	2	3	3
CO3	2	3	1	3	3	2	3	2	3	3	3	3
CO4	3	2	3	3	2	3	2	3	3	2	3	3
CO5	3	3	2	3	3	3	2	2	3	3	3	3
Total	14	13	12	11	13	14	13	12	14	12	15	14
Average	2.8	2.6	2.4	2.2	2.6	2.8	2.6	2.4	2.8	2.4	3	2.8

3-Strong;2-Medium;1 -Low

SEMESTER I

SVC: Logistic Management

Sub Code	No. of Hours/Week	No. of Credits	Total No. of Hours	Marks
FP231SV1	2	1	30	

Objectives

1. To Know the Nature and Scope of logistical competency.

2. To learn the various functions and operations to logistic Management.

Unit : I Introduction

Logistics – Meaning – Importance – Logistical Competency – Logistical Mission – Service – Total Cost – Logistical Renaissance – Technological Advancement – Regulatory Change

Unit : II Network Information

Work of Logistics – Network design – information – Transportation and Inventory – Warehousing

Unit : III Inventory

Operating – Rapid response – Minimum Variance – Minimum Inventory – Movement Consideration – Quality – Life Cycle Support

Unit : IV Principles of Information

Information functionality and inventory functionality – Principles of logistics information – Information Architecture – Planning – Operations – Logistics Information Flow

Unit : V Infrastructure

Transportation infrastructure – transport functionality – Principles – Modal Classification transportation formats – Suppliers of transportation service.

SVC: Stress Management

Sub Code	No. of Hours/Week	No. of Credits	Total No. of Hours	Marks
PF20VA1	2	1	30	

Objectives

1. Understand the nature of stress

2. Comprehend the psychological and physiological effects of stress

Unit : I Understanding the Nature of Stress

Stress – Meaning – The Body's Reactions to stress – Sources of Stress Across the Lifespan – Adaptive and Maladaptive Behaviour – Individual and Cultural Differences

Unit : II Strategies of Stress Management

Challenging Stressful Thinking – Problem Solving – Time Management – Psychological and Spiritual Relaxation Methods.

Unit : III Stress Prevention

Physical Methods of stress reduction – Preparing for the Future :   College and Occupational stress

Unit : IV Strategies of Stress

Care of the Self : Nutrition and other Lifestyle Issues – Stress and Conflict in Relationships

Unit : V Synthesis and Prevention

Resilience of stress – Optimal functioning – Making changes last

CORE COURSEIV: MONETARY ECONOMICS

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FP232CC1	**4**	**2**	**-**	**-**	**5**	**6**	**90**	**25**	**75**	**100**

Pre–requisite: The students should know the monetary

theories and models.

Learning Objectives:

1. The courseisde voted to them a in issues in modern monetary economics.

2.Thefactorsbehindmoneydemandandsupplyarestudiedthroughthesetofcomprehensivemonetarymod els.

Course Outcomes

	On the successful completion of the course, student will be able to :	
1	Understand the theories of money.	**K1**
2	Distinguish the various determinate of money supply and multiplier.	**K1&K2**
3	Evaluate the capital market.	**K2&K3**
4	Analyze the importance of banking sector.	**K4**
5	Evaluate and make use of monetary policy.	**K5**

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

Unit	Contents	No. of Hours
I	**Classical Theories of Money** Demand for Money Quantity theories of money – Fisher and Cambridge- Keynesian monetary theory- James Tobin's portfolio analysis of money demand- Don Patinkin`s Integration– Real Balance Effect- Milton Friedman's reformulated quantity theory.	18
II	**Supply of Money** Supply of Money Types and determinants of money supply – money multiplier- Theories of interest rate – classical – Keynes – Hicks – Hansen.	18
III	**Money and Capital Market** Money and Capital Market Significance and functions of Money market and capital market- Role of financial intermediaries – Effects of financial intermediation- Non-banking financial institutions.	18
IV	**Banking and its functions** Banking Functions of Commercial banks - Credit creation – process and limitations Role of Commercial banks after nationalization – after reforms- Role of RBI – Regulation of money supply and credit- Narasimham Committee Reports– 1991.	18
V	**Monetary Policies** Monetary Policy Objectives and Instruments of Monetary policy– Limitations of monetary policy- Monetarism and Keynesianism – Comparison - Supply side policies.	18
Self Stud y	Role of RBI	

Text Books

1. Bain,KeithandHowells,Peter:MonetaryEconomics:PolicyanditstheoreticalBasis,

PalgraveMacmillian,2ndEdition,2009.

2. Mishkin.S.Frederic-TheEconomicsofMoney,BankingandFinancialMarkets,Pearson

Publication,11thEdition,2015

Reference Books

1. Jhingan ,M.L, 2005.*MonetaryEconomics*[Konark Publication ,NewDelhi],PP-578.

2. Sundaram, K.P.M, 2003. *Money, Banking and International Trade* [Vikas, New Delhi], PP-621.

3. Vaish ,M.C, 2004.Money,*BankingandInternationalTrade[New Age International*,

New Delhi ,PP–954.

4. Jagdish Handa, 2009. *Monetary Economics*, USA and Canada by Routledge Publication. PP-

521.

5. William A. Barnett & Kenneth J. Singleton, 2010. *New approaches to monetary Economics*,

Cambridge University Press, PP – 241.

Web Resources

1. https://www.amazon.in/Handbook-Monetary-Economics-Benjamin-Friedman-

ebook/dp/B00EXOTZ96

2. https://link.springer.com/book/10.1057/9780230280854

3. https://www.rbi.org.in/scripts/AnnualPublications.aspx?head=Handbook%20of%20Statistics

%20on%20Indian%20Economy

4. http://tumkuruniversity.ac.in/oc_ug/arts/Monetary%20Economics.pdf

5. http://bibliotheque.pssfp.net/livres/monetary_economics.pdf

MAPPINGWITHPROGRAMMEOUTCOMESANDPROGRAMMESPECIFICOUTCOMES

CO /PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	1	1	1	2	2	1	1	3	2	3	3	3
CO2	3	1	3	3	3	1	1	3	3	2	2	3
CO3	3	3	2	3	3	1	3	2	2	3	3	3
CO4	3	3	3	2	3	2	3	1	3	3	2	3
CO5	3	3	2	3	3	2	3	1	3	2	3	2
Total	13	11	11	13	14	7	11	10	13	13	13	14
Average	2.6	2.2	2.2	2.6	2.8	1.4	2.2	2	2.6	2.6	2.6	2.8

3-Strong;2-Medium;1 -Low

CORE COURSE–V: LABOURE CONOMICS

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FP232CC2	4	2	-	-	5	6	90	25	75	100

Pre–requisite:

Students should know the Labour Policy and Labour Market System

Learning Objectives:

1. Toenableandacquiretheknowledgetherelatingtothesignificanceoflabourmarket
2. To understand them an power in Economic Development

Course Outcomes

On the successful completion of the course,student will be able to :		
1	remember the recenttrend so flabour and their productivity	K1
2	Understand the determination of employment and wages	K1&K2
3	Analyze the impact on labour market	K3&K4
4	Outline the Industrial relation	K4
5	Evaluate the current trends of social security measures	K5

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

Unit	Contents	No. of Hours
I	**Labour Market and Policies** Labour Market- Nature and Characteristics, Demand for Labour in relation to size and pattern of investment, Choice of technologies and labour policies Supply of Labour, Growth of Labour Force, Labour Market Policies, Mobility and Productivity	18
II	**Employment and Wage Determination** Employment and Development relationship- poverty and unemployment, Unemployment- Types, concepts and measurement, Employment Policy Wage Determination- Classical, Neo-classical and Bargaining theories; Concepts of minimum wage and efficiency wage; Non-wage component	18
III	**Trade Union Movement** Since Independence and Present Scenario of the Trade Union Movement– AITUC – INTUC – HMS – UTUC – Association of Indian Trade Unions with International Trade Unions –Problems of Trade Unions – Essentials for success of a Trade Union - Recent policies relating to Trade union act	18
IV	**Industrial Relation** Need for Industrial Relation Machinery-Preventive and Curative methods-Collective Bargaining, Arbitration and Adjudications- Role of State in Industrial Relations.	18

	Social Security and Reforms	
V	Social Security- Concepts and evolution, Social assistance and insurance, Review and Appraisal of State Policies, Special Problems- Child labour, discrimination, bonded labour-Labour market Reforms- Exit Policy, safety requirements, National Commission on Labour, Globalisation and labour markets, mobility of labour.	18
Self Study	Need for Industrial Relation Machinery	

Text Books

1. Pant C, 2007. Indian Labour Problems,(Allahabad, Chaitanya Publishing House).

2. S. D. Singh, 2012. Labour Economics,(Ajanta Prakasham NewDelhi).

Reference Books

1. Tyagi P.B, 2011. *Labour Economic sand Social welfare*, (Jaiprakash Nath & Co.Meerut), PP–700.

2. Baholiwal T.N, 2003.*EconomicsofLabourandIndustrialRelations*,(Sahity Bhawan,Agra),PP-358.

2. R.J. Reddy, 2004. *Economics of Labour*, (Asia Publishing House, Bombay),PP-600.

4. Suman Kalyan Chakraborty, 2018. *Labour Economics*, Himalya Publishing House.

5. A.K. Sharma, 2006. *Labour Economics*, Anmol Publisher.

Web Resources

1. https://fac.ksu.edu.sa›sites›default›files›Moder.

2. http://students.aiu.edu› resources› online Book› q.

3. http://assets.vmou.ac.in›PGDLL06

4. https://economics.mit.edu/sites/default/files/inline-files/Lectures%20in%20Labor%20Economics.pdf

5. https://oer.funai.edu.ng/wp-content/uploads/2016/11/FUNAI-LABOUR-ECONOMICS-I-ECO-213-LECTURE-NOTES.pdf

MAPPINGWITHPROGRAMMEOUTCOMESANDPROGRAMMESPECIFICOUTCOMES

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	2	2	2	3	3	3	1	2	1	2	3
CO2	1	1	3	3	2	3	3	1	2	2	3	3
CO3	1	1	3	3	3	3	3	1	3	3	3	3
CO4	3	2	3	2	3	3	3	1	3	2	3	3
CO5	3	3	3	2	3	3	3	1	2	3	3	3
Total	11	9	14	12	14	15	15	5	12	11	14	15
Average	2.2	1.8	2.8	2.4	2.8	3	3	1	2.4	2.2	2.8	3

3-Strong;2-Medium;1 -Low

CORECOURSE–VI:MATHEMATICALECONOMICS

CourseCode	L	T	P	S	Credits	Inst.Hours	Total Hours	Marks		
								CIA	External	Total
FP232CC3	4	2	-	-	4	6	90	25	75	100

Pre–requisite: Apply the Mathematical Methods in

Economic Theories

Learning Objectives:

1. Thepaperaimstointroducestudentstothebasicbuildingblocksofmathematicalanalysisusedinmoderneconomic theory.
2. Toequipthestudentswithmathematicaltoolsandtooptimizebothstaticanddynamiceconomic environment

Course Outcomes

On the successful completion of the course, student will be able to :		
1	Understand the mathematical structure of standard economic theoretical framework	K1
2	Adopt mathematical tools to solve optimization problems appear in economic theory	K1&K2
3	equip the students with tools to read the technical writing appear in standard economic journals	K2&K3
4	Analyze the dynamics of macro economic policies in an economy	K2&K4
5	Evaluate mathematically the dynamics of the growth process in an econOmy	K5

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

Unit	Contents	No. of Hours
I	**Introduction to Linear Algebra** Sets-Basic concepts-Ordered sets-Relations-Order relations-Metric Spaces-open and closed sets– Convergence - Linear Algebra , Vectors, matrices, inverse, simultaneous linear equations, Cramer's rule for solving system of linear equations.	18
II	**Differential Calculus** Introduction to Functions, Limits and Continuity, Derivatives – Concept of maxima& minima, elasticity and point of inflection. Profit & revenue maximization under perfect competition, under monopoly.	18
III	**Optimization Techniques with Constraints** Functions of several variables, Partial and total, economic applications, implicit function theorem, higher order derivatives and Properties of linear homogenous functions, Euler's theorem, Cobb – Douglas Production Function.	18

IV	**Linear and Non-Linear Programming** Optimization with Inequality Constraints- Linear Programming–Formulation-Primal and Dual- Graphical and Simplex method-Duality Theorem-Non-Linear Programming.		18
V	**Economic Dynamics** Differential Equations-Basic Ideas-Types-Solution of Differential Equations (Homogenous and Exact)-Linear Differential Equations with Constant Coefficients (First and Second Order).		18
Self Study	Euler's theorem		

Text Books

1. GeoffRenshaw,2016. MathsforEconomics,4EOxfordUniversityPress.
2. Malcolm Pemberton & Nicholas Rau, 2016. Mathematics for Economists, Manchester University Press.

Reference Books

1. Carter, M, 2001.*FoundationsofMathematicalEconomics*,MITPress,PP-589.
2. Chiang, A.C.and Wainwright ,K, 2005.*FundamentalMethodsofMathematicalEconomics*, McGraw-HillEducation,PP-854.
3. Dowling E. T.,*Mathematics for economists*, Schaum Series (latestedition), PP-952.
4. B.C. Mehta & G.M.K. Madnani, *Mathematics for Economists*, Sultan Chand & Sons, 2020.
5. Edward T. Dowling, *Theory & Problems of Introduction to Mathematical Economics*, 3rd Edition, 2001.

Web Resources

1. https://www.udemy.com/course/mathematics-for-economists-functions-and-derivatives/

 2. https://www.classcentral.com/course/swayam-mathematical-economics-14187

3. https://www.coursera.org/learn/introduction-to-calculus

4. https://www3.nd.edu/~powers/ame.60611/notes.pdf

5. https://www3.nd.edu/~powers/ame.60611/notes.pdf

MAPPINGWITHPROGRAMMEOUTCOMESANDPROGRAMMESPECIFICOUTCOMES

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	1	2	3	3	3	1	3	3	3	3	3	3
CO2	1	1	3	3	2	1	3	2	2	3	3	3
CO3	3	2	2	3	2	1	3	3	3	3	2	2
CO4	3	1	3	3	2	2	3	3	3	3	3	3
CO5	3	3	2	3	3	1	3	2	2	3	3	2
Total	11	9	14	15	12	6	15	13	13	15	14	13
Average	2.2	1.8	2.4	3	2.4	1.2	3	2.6	2.6	3	2.8	2.6

3-Strong;2-Medium;1 –Low

ELECTIVECOURSEIII: A)GENDERECONOMICS

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FP232EC1	3	1	-	-	3	4	60	25	75	100

Pre–requisite: The Learners should know the empowerment of women

and genderine quality.

Learning Objectives:

1. To evaluate sources of socio-economic and demographic information for analyzing the impact of the gender factor on demographic processes and economic development
2. Itenablestoforeseethecontributionsofwomenasactiveeconomicagentsandstrategiestoempowerwomenan dreduce gender in equalities.

Course Outcomes

On the successful completion of the course, student will be able to :		
1	Understand the Gendered jobs and Social Inequality	K1&K2
2	Describes the Gender issues at the workplace	K1&K2
3	Apply the Gender issues in Health, Environment, Family Welfare Measures	K2&K3
4	Analysis the role of women in economic development	K4
5	Assess the Initiatives to wards recognition of women as agents of development from sixth five year plan.	K5

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

Unit	Contents	No. of Hours
I	**Introduction** Definition- Objectives of Gender Studies - Importance of gender Studies -Women and work: unpaid, underpaid and casual work - Women in primary, secondary and tertiary sectors - Classification of work in Indian census and NSSO – Main workers, marginal workers, non-workers - Invisibility of women's work, problems in measurement.	12
II	**Gender Inequality in Labor Market** Segmented Labor Market and Occupational Segregation - Globalisation and its impact on gender - Issues of wage discrimination and exploitation in unogranised sector - Women's participation in organised sector - Gender Discrimination - Gender issues at the work place	12
III	**Social Empowerment** Women in Higher Education - Gender issues in Health, Environment, Family welfare Measures - Indecent representation of Women in media - Women in Difficult circumstances.	12

IV	**Economic Empowerment** Introduction - organized sector, unorganized sector - Role of Women in Economic Development – Female Poverty and Poverty alleviation programmes - Status of Women farmers and land rights - Women Entrepreneurs - Impact of Globalization on working women.		12
V	**Social issues and Women in Indian Planning** Issues in the Unorganized sector of Employment - Women's work: Status and problems - problems of Dalit women - Initiatives towards recognition of women as agents of development from sixth five year plan.		12
Self Study	Gender Issues in Health ,Environment, Family Welfare Measures		

Text Books

1. Eswaran, M, 2014.*Whygendermattersineconomics*. Princeton University Press.
2. Becchio, G, 2019.*A History of Feminist and Gender Economics*. Routledge

Reference Books

1. Humphries, J. 2003.*Genderandeconomics*.EdwardElgarPublishing,PP- 586.
2. Dijkstra,G.,&Plantenga,J.2013.*Genderandeconomics:aEuropeanperspective*.Routledge,PP–725.
3. Negra,D.,&Tasker,Y.2014.*Introduction.Genderandrecessionaryculture.InGenderingthe 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 Unlimitted 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/RBAP-Gender-2012-GEPMI-Module-1.pdf

MAPPINGWITHPROGRAMMEOUTCOMESANDPROGRAMMESPECIFICOUTCOMES

CO	PO1	PO2	PO3	PO4	PO5	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	1	3	3	3	3	3	3	3	3	3	2	3	3
CO2	1	3	3	3	3	3	2	3	3	2	3	3	3
CO3	3	3	3	3	3	3	3	3	3	3	2	3	3
CO4	1	3	3	2	3	3	3	3	3	3	3	3	3
CO5	1	3	3	2	3	3	3	3	3	3	2	3	3
Total	7	15	15	13	15	15	14	15	15	14	12	15	15
Average	1.4	3	3	2.6	3	3	2.8	3	3	2.8	2.4	3	3

3-Strong;2-Medium;1 -Low

ELECTIVECOURSEIII : B)URBANECONOMICS

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FP232EC2	3	1	-	-	3	4	60	25	75	100

Pre–requisite: The student should know the issues and remedies of urban

poverty

Learning Objectives:

1. Toequipwiththeoryandmeasurementofurbaneconomicgrowthanddevelopment,spatialstructure of cities and urbanization.
2. Thecourseoutlinestheissuesofurbanpovertyanditsimpactonurbanization

Course Outcomes

On the successful completion of the course, student will be able to :		
1	Remember the scope of urban economics and urban economic growth	K1
2	Understand the process of urbanization and classification urban are as	K1&K2
3	analyze the various theories of urban growth	K3
4	Evaluate the growth of formal growth and informal growth economic activities	K4
5	Appraise the urban problems	K5

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

Unit	Contents	No. of Hours
I	**Introduction** Definition and Scope of Urban Economics - Sources of Urban Growth –International migration, Trends in growth of urban population in the world - Urbanization and agglomeration economies – industrialization and services sector growth –Urbanization and urban economic growth – Urbanization and globalization.	12
II	**Economics of Urbanization** The Process of urbanization: Nature - Characteristics of an economy passing through different stages of urbanization - Classification of urban areas by demographic, geographical and economic criteria- Process of sub-urbanization	12
III	**Theories of Urban Growth and spatial structure** Christaller's Central Place Theory - The Human Ecological Approach to Urban Growth - Migration and urban economic growth: Harris-Todaro Model – Concepts of City Structure - Urban Residential Land Use Models: Muth, Siegel.	12

		Urbanization and Labour Market <mark>Urbanisation and Labour Market - Pull and Push Factors for Urbanisation in India - High Wages and Improved Infrastructure - Employment Opportunities and Educational facilities.</mark>	12
IV			
V		**Urban Problems and Urban Planning** Over Population and congestion - Urban housing problem - Urban environment: Air, Water and Noise Pollution - Urban poverty and inequality - Urban Infrastructure: transport Water Supply, Sanitation and Solid waste management - Need for Urban Planning: Objectives - Jawaharlal Nehru National Urban Renewal Mission - Smart Cities	12
Self Stud y		The Process of urbanization	

Text Books

1. Shukla,V, 2006.UrbanizationandEconomicGrowth,HimalayaPublishersPvt.Ltd(New Delhi).
2. Robert LBish and Hugh ONourse, 2011.UrbanEconomicsandPolicyAnalysis,McGraw Hill Kogakusha Ltd(Tokyo).

Reference Books

1. O'Sullivan, 2012. *Urban Economics* ,McGraw Hill Higher Education(Boston).
2. EdwinS .Mills, 2001.*HandbookonRegionalandUrbanEconomics*,Volume2:Urban Economics. North-Holland(Amsterdam).
3. Duranton,G.,& Strange, W.C, 2006.*Handbookofregionalandurbaneconomics:applied urban economics*(Vol.3).Elsevier.
4. Jan K. Bruceckner, 2011. *Urban Economics*, MIT Publication, England.
5. Edwin S. Mills, J.F. Thisse, Peter Nijkamp, V. Henderson (2004), *Handbook of Regional and Urban Economics*, Volume 4, Elsevier Science Publication.

Web Resources

1. https://link.springer.com›bfm:978-1-349-15661-0›1.pdf

2. https://www.academia.edu›Urban_economics_Arthur_O..

3. https://www.ysk-books.com› show› book› regional-a..

4. https://jorgeperezperez.com/files/urbana_intro_c1.pdf

5. https://urbaneconomics.org/workshops/lectures2020/slides/UEA_Lectures_Glaeser.pdf

MAPPINGWITHPROGRAMMEOUTCOMESANDPROGRAMMESPECIFICOUTCOMES

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	2	3	2	2	2	3	2	3	3
CO2	3	3	3	3	3	3	3	2	3	2	3	3
CO3	2	3	2	2	3	3	3	2	3	2	3	3
CO4	2	2	2	2	2	2	2	2	3	2	3	3
CO5	2	3	2	2	3	2	2	2	3	2	3	3
Total	12	14	12	11	14	12	12	10	15	10	15	15
Average	2.4	2.8	2.2	2.2	2.8	2.4	2.4	2	3	2	3	3

3-Strong;2-Medium;1 – Low

ELECTIVECOURSEIII : C)SOCIAL ENTREPRENEURSHIP IN HEALTH AND HYGIENE

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FP232EC3	3	1	-	-	3	4	60	25	75	100

Pre–requisite:

The students should know the various theories and skills of entrepreneurship

Learning Objectives:
1. To understand the social entrepreneurship, motivation and its health and hygienic.
2. To analyse Entrepreneurial motivation and to evaluate about the organizations. Course Outcomes

	On the successful completion of the course, student will be able to :	
1	understand the social entrepreneurship and innovation	K1 &K2
2	apply the entrepreneurial motivation and its theories	K3 & K5
3	understand attain knowledge about social entrepreneurship in health and hygiene	K2 & K4
4	analyze an overview of various internship programmes offer by different organizations	K1& K2
5	Evaluate the students skills required for social entrepreneurship.	K4 & K5

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

Unit	Contents	No. of Hours
I	**Social Entrepreneurship** Entrepreneurship: Meaning, Concept, Definition, Theories - Entrepreneurship - Social Entrepreneurship and Innovation - Objectives - Importance and Significance - Characteristics and qualities of Entrepreneurs. - Skills for Entrepreneurship - Issues and challenges. - Business Ethics	12
II	**Entrepreneurial motivation** Motivating Factors - Motivation Theories: Maslow's Need Hierarchy Theory, McClelland's Acquired Need Theory - Entrepreneurship Development Programme	12
III	**Entrepreneurship in health and hygienic** Planning, Organizing, Actuating and Control - Resources required (Money, Manpower, Machine, Material) - Training and Development - Networking with other organization -Innovative Ideas to deal with the context	12
IV	**Organizations for Internship and Observation Visits** Internship- Meaning - Significance of Internship - International Organizations (UNICEF) - Government Organizations (SBM) - NGOs (ESI) - Model villages.	12

			12
V	**Activities as their Practicum** Seminars/group presentation on social entrepreneurship - Field visit and report writing -Critical Analysis of policies -Case studies		
Self Stud y	Social Entrepreneurship and Innovation		

Text books:

1. Hisrich, 2011. Entrepreneurship. Tata McGraw-Hill Education.

2. Oates, David, 2009. A Guide to Entrepreneurship. Jaico Publishing House, Mumbai,Edn.

References:

1. Desai, Vasant, 2002. *Project Management and Entrepreneurship*. Mumbai: Himalaya Publishing House.

2. Mohanty, S. K, 2005. *Fundamentals of entrepreneurship*. PHI Learning Pvt. Ltd..Kiesner, F. (Ed.), 2009. Creating entrepreneurs: making miracles happen. World scientific.

3. Sharma. S, 2021. *Entrepreneurship development*. PHI Learning Pvt. Ltd.

4. Suri, R.K., & Seema, 2007. *Entrepreneurial Development*. (4th ed.). Allahabad: Kilab Mahal.

5. Gupta, G.D. & Srinivasan S.N.P, 2010. *Entrepreneurial Development*. (1st ed.). New Delhi: Sultan Chand & Sons.

Web References:

1. https://www.who.int/

2. https://www.unicef.org/

3. https://www.weforum.org/

4. https://oms.bdu.ac.in/ec/admin/contents/86_16CCBB15_2020052901532338.pdf

5. pacollege.ac.in/assets/uploads/1642155717_EDP_pdf_pdf.pdf

MAPPINGWITHPROGRAMMEOUTCOMESANDPROGRAMMESPECIFICOUTCOMES

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	2	3	3	3	3	2	2	3	2	3	2
CO2	3	3	3	3	3	3	3	2	3	2	3	3
CO3	2	2	3	2	3	3	3	2	3	2	3	3
CO4	2	2	3	2	3	2	2	2	2	2	3	2
CO5	2	2	3	2	3	3	2	2	3	2	3	2
Total	12	11	15	12	15	14	12	10	14	10	15	12
Average	2.4	2.2	3	2.2	3	2.8	2.4	2	2.8	2	3	2.4

3-Strong;2-Medium;1 – Low

ELECTIVECOURSEIV: A) RESOURCEECONOMICS

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FP232EC4	3	1	-	-	3	4	60	25	75	100

Pre–requisite: Students should know the availability of

resources

Learning Objectives:

1. To trace the resources in the country
2. To understand the quality of the available natural resources

Course Outcomes

On the successful completion of the course, student will be able to :		
1	Remember land resources in India and the issues related to it	K1
2	Understand the availability of Forest resources and understand the methods to conserve the resources	K2&K3
3	Analyze the water resources in the country and related environmental issues	K4
4	Evaluate the mineral resources in the country	K5
5	evaluate the conservation of Natural Resources	K5

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

Unit	Contents	No. ofHours
I	**Introduction** Land Resources in India - Types of soil- Land resource Classification -Forest ,Barren land, Pastures and grazing land, cultural Waste Land, Fallow Land, Agricultural Land - Land degradation and soil Erosion-Preventive Measures.	12
II	**Unit II: Role of Resources in Economic Development** Forest Resources-Role of Forests in Economic Development-Forest cover in India- Deforestation-Effects of Deforestation-Urban Forestry - Objectives of Urban Forestry- Social Forestry-Constraints in Social Forestry - Collective Participatory Forest Management – Recent National Forest Policy Act	12
III	**Water Resources in India** Water Resources in India -Surface Water –Ground Water –Water Demand and Utilisation- Water Resource Planning- Multi –objective Approach-Benefit Cost Ratio-Capital outlay-Environmental Impact Assessment (EIA)- Sustainable Water Management-Recent National Water Policy	12

	Mineral Resources	12
IV	Mineral Resources- Metallic Minerals-Non Metallic Minerals –Mineral Fuels-Environmental Costs of Extracting Mineral Resources- Environmental Impacts of Mineral Resource Extraction and Use.	
V	**Conservation and Management of Natural Resources**	12
	Conservation and Management of Natural Resources - Meaning and objectives of Conservation. Conservation of Renewable Resources: Soil conservation- Water conservation-Forests conservation-Fish Conservation-Biodiversity Conservation. Conservation of Non Renewable Resources: Energy Conservation-Mineral Conservation	
Self Study	Land Resources Classification	

Text Books

1. M.L.Jhingan,Chandar K.Sharma,

2007.EnvironmentalEconomicsTheory,Managementand Policy,Vrindha Publications, New Delhi

2. G.Paneerselvam, 2008.EconomicsofNaturalResourcesinIndia, Abhijeet Publications, NewDelhi

Reference Books

1. Jon.M. Conrod, 2010.*ResourceEconomics*,CambridgeUniversityPress, U.K
2. JohnC.Bergstrom &AlanRandall, 2010.*ResourceEconomics–An Economic Approachto Natural Resource and Environmental Policy*, Edward Elgar Pub ,Ltd
3. JudithRees, 2019.*NaturalResourcesAllocationEconomicsandPolicy*, Routledge,UK
4. Jon M. Conrad, 2003. *Resource Economics*, Cambridge University Press.
5. John C. Bergstrom & Alan Randall, 2016. *Resource Economics*, The Ohio State University.

Web Resources

1. https://www.india.gov.in/topics/environment-forest/natural-resources
2. https://ibm.gov.in/writereaddata/files/09182018162439Mineral%20Scenario%20pdf.pdf
3. https://dsecoaching.com/Content/Manage/PDF/4025[Jon_M._Conrad]_Resource_Economics(BookFi.org)_(2).pdf
4. https://www.studysmarter.co.uk/explanations/microeconomics/economic-principles/economic-resources/
5. https://www.uio.no/studier/emner/sv/oekonomi/ECON4925/h16/pensumliste/txtbook_3.ed_att00106.pdf

MAPPINGWITHPROGRAMMEOUTCOMESANDPROGRAMMESPECIFICOUTCOMES

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

3-Strong;2-Medium;1 – Low

ELECTIVECOURSEIV: B) ECONOMICSOFCLIMATECHANGE

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FP232EC5	3	1	-	-	3	4	60	25	75	100

Pre–requisite:

Studentsshouldunderstandtheclimaticchangefromtheeconomicperspective

Learning Objectives:

1. Theobjectiveofthiscourseistoanalysesclimatechangefromaneconomicperspective.
   2. Theproblemischaracterizedasoneofregulatingaglobalstockexternalityinanintertemporal setting and in the presence of uncertainty and irreversibility

Course Outcomes

On the successful completion of the course ,student will be able to :		
1	Remember the science of climate change.	K1
2	Understand and identify the climate change policy.	K1&K2
3	Observe the integrated assessment of climate changes.	K3
4	Analyze the climate change impact assessment.	K4
5	Assess the climate change negotiations and equity.	K5

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

Unit	Contents	No. of Hours
I	**Introduction** Science of climate change; global and regional climate predictions; uncertainty in science; physical impacts of climate change – agriculture, sea level rise, health, extreme events; policy debate.	12
II	**Climate Change Policy - Mitigation** Efficiency, public goods, externalities; environmental policy instruments – emissions trading, carbon tax, emission trading versus tax; stock pollutants and discounting; decisions under risk and uncertainty	12
III	**Integrated Assessment** Costs and benefits of greenhouse gas mitigation; integrated assessment models; simulation exercises based on DICE model and its variants; sensitivity and uncertainty analysis; Stern review.	12
IV	**Climate Change Policy - Adaptation** Climate change impact assessment – applications for agriculture, sea level rise and health; vulnerability assessment; economics of adaptation; measurement of adaptation cost; issues in financing adaptation.	12
V	**Climate Change Negotiations and Equity** Criteria for distribution of emission reduction burden; distribution criteria for adaptation fund; inter and intra-generational equity issues; discounting in climate change context	12

Self Study	Climate change impact assessment	

Text Books

1. Perman,R.,Ma.Y.,Common,M.,Maddison,D.,Mcgilvray,J.,NaturalResourceand EnvironmentalEconomics,PearsonEducationLimited,2011.(4thEdition).

2. IntergovernmentalPanelonClimateChange–FifthAssessmentReport,2011.Stern, N.,The economics of climate change – The Stern Review, Cambridge University Press, 2006.

Reference Books

1. F. Ackerman, E. Stanton:*Climate Economics: State of the Art*. Routledge, 2013.

2. W. Nordhaus: *A Question of Balance*. Yale University Press, 2008.

3. D.Acemoglu, P.Aghion, Leonardo Bursztyn, DHemous, 2012.“*Theenvironment and directedtechnicalchange*,” AmericanEconomic Review,102(1):131-166.

4. Nicholas Stern, 2007. *The Economics of Climate Change*, Cambridge University Press.

5. Niggol Seo, 2021. *Climate Change and Economics*, Palgrave Macmillian Publisher.

Web Resources

1. https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=_8&ved=2ahUKEwjc

2. https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwjc-

3. http://mudancasclimaticas.cptec.inpe.br/~rmclima/pdfs/destaques/sternreview_report_complete.pdf

4. https://ocw.mit.edu/courses/15-023j-global-climate-change-economics-science-and-policy-spring-2008/pages/lecture-

5. https://news.climate.columbia.edu/2019/06/20/climate-change-economy-impacts/

MAPPINGWITHPROGRAMMEOUTCOMESANDPROGRAMMESPECIFICOUTCOMES

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	2	2	3	3	3	3	2	3	2	3	2
CO2	3	3	3	3	3	2	3	1	3	3	2	2
CO3	3	3	3	3	3	3	3	3	3	1	3	3
CO4	3	3	3	3	3	2	2	2	3	2	1	2
CO5	3	3	3	3	3	3	3	3	3	3	3	3
Total	15	14	14	15	15	13	14	11	15	11	12	12
Average	3	2.8	2.8	3	3	2.6	2.8	2.2	3	2.2	2.4	2.4

3-Strong;2-Medium;1 – Low

ELECTIVECOURSEIV: C) POPULATION STUDIES

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FP232EC6	3	1	-	-	3	4	60	25	75	100

Pre–requisite:

Students should understand the demographical concepts and population theories.

Learning Objectives:

1. To apply demographic concepts and population theories to explain past and present population characteristics.
2. To evaluate the use of demographic concepts and population theories.

Course Outcomes

On the successful completion of the course, student will be able to :		
1	understand the basic concepts of population studies.	K1 & K2
2	remember the population growth and distribution.	K2 & K3
3	analyze the various population structure.	K3 & K4
4	examine the various population dynamics.	K4 & K5
5	evaluate the various population policy.	K1 & K5

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

Unit	Contents	No. of Hours
I	**Introduction Population Studies** Nature and scope, Concepts and Definitions, Population Studies and Demography, Development of population Studies in World and India, Inter relationship between population studies and other disciplines. Sources of Population Data: Population Census-History of Census Taking in India, Vital Statistics Registration Systems.	12
II	**Population Growth and Distribution Population Growth** India's Population Growth-Trends and differentials in state and union territories, Factors Responsible for Rapid Population increase in India, Current Population situation and Future Prospects.	12
III	**Population Structure and Characteristics Sex and Age Structure** Sex and Age Structure of various countries, Population PYRAMID, Factors affecting Age and Sex Structure of population, Aging Population.	12
IV	**Population Dynamics Fertility** Terms and Concepts, Factors affecting Fertility: Physiological factors, Social and Cultural factors, Proximate determinants of Fertility, Sources Fertility data, Basic measures of Fertility. Mortality: Importance of the study, Global HIV/AIDS Epidemic. Migration: of the study, Concepts and Definitions, Internal and International migration, Sources of Migration data.	12

	Population Policy Concepts	12
V	Types of population Policies, Family Planning Programme under various Five Year Plan Periods, Approaches to Family Planning Programme, Reproductive and Child Health Approach, National Population Policy 2000.	
Self Study	Reproductive and Child Health Approach	

Text Books:
1. Shrivastava O.S, 2007. Demography and Population Studies, Quality Publishing Company (ajay)
2. Jain R.K, 2014. Textbook of Population Studies, Astha Publishers and Distributors

References:
1. Bhende Asha, A and Tara Kanitkar, 2012. *Principles of Population studies*, Mumbai Himalaya Publishing House.
2. Bogue, Donald J 2006. *Principles of Demography*, New York: John Wiley and Sons.
3. Baska rD.Misra, 2002. *An introduction to the Study of Population*, Madras: South Asian Publishers Pvt .Ltd.
4. Asha A. Bhende & Tara Kanitkar, 2019. *Principles of Population studies*, Himalaya Publishing House.
5. Jhingan M.L., B.K. Bhartt & J.N. Desai, 2016. *Demography*, Virinda Publications.

Web Resources:
1. https://censusindia.gov.in/census.website/
2. https://www.taylorfrancis.com/series/international-population-studies/ashser1353
3. https://data.worldbank.org/indicator/SP.POP.GROW
4. https://www.cartercenter.org/resources/pdfs/health/ephti/library/lecture_notes/health_science_students
5. https://openstax.org/books/introduction-sociology-3e/pages/20-1-demography-and-population

MAPPINGWITHPROGRAMMEOUTCOMESANDPROGRAMMESPECIFICOUTCOMES

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	2	2	3	3	3	2	2	2	3	3
CO2	3	3	2	3	3	3	3	2	3	3	2	2
CO3	3	3	3	3	3	3	2	3	3	1	3	3
CO4	3	3	3	3	3	2	2	2	3	2	2	3
CO5	3	3	3	3	3	3	3	3	1	3	3	3
Total	15	15	13	14	15	14	13	12	12	11	13	14
Average	3	3	2.6	2.8	3	2.8	2.6	2.4	2.4	2.2	2.6	2.8

3-Strong;2-Medium;1 – Low

SKILL ENHANCEMENT COURSE :SOCIALETHICSANDRESPONSIBILITIES – WOMEN EMPOWERMENT, DISABILITY, SOCIAL INCLUSION

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
FP232SE1	2	2	-	-	2	4	60	25	75	100

Pre–requisite:

Students should empower with social ethics.

Learning Objectives:

1. To understand the importance of Ethical Values
2. To equip the students with social responsibilities

Course Outcomes

On the successful completion of the course, student will be able to :		
1	Remember the importance of Ethics and outlining the various types of Ethical Issues in an organization	K1&K2
2	Understand the ethical issues in the workplace	K2&K3
3	Evaluate the need for Corporate Social Responsibility	K3&K4
4	Design Policies for Social inclusion	K4&K5
5	Analyze the various schemes for disabled	K5

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

Unit	Contents	No. of Hours
I	**Introduction** Social Ethics – Definition - -Ethical Model: Golden Rule Model and Kantian Model-Ethical Decision-making, Corporate Governance-Types of Ethical Issues - Theft - Bribery and Corruption - Exploitation of Employees – Discipline - Whistle Blowing.	12
II	**Workplace and Professional Ethics** Ethical Issues in Workplace- Types - Accountability - Employee Favoritism -Bad Leadership Behavior- Gender Ethics- Sexual Harassment and Discrimination.	12
III	**Social Responsibility of Business** Social Responsibility of Business – Shareholders-Employees - Customers-Community and Government - Corporate Social Responsibility Initiatives .	12
IV	**Social Inclusion** Meaning of Social Inclusion and Exclusion – Dimensions of Social Inclusion- Gender Inclusion and Equality	12

	Opportunities for Disabled	
V	Mainstreaming Disability- Provision of Employment Opportunities for disabled – Indian Government Schemes – Ministry of Social Justices and Empowerment	12
Self Study	Ethical issues in workplace	

Text Books

1. Jenny Teichman, 2001. Social Ethics A Student's Guide Wiley Blackwell
2. JohnS.Feinburg and PaulD .Feinburg,
2010.Ethics for a Brave New World, Crossway.

Reference Books

1. Denis Collins and Patricia Kanashiro, 2017. *Business Ethics :Best Practices for Designing andManagingEthicalOrganizationsSAGEPublications*,Inc;Thirdedition

2. William H. Shaw, 2016. *Business Ethics: A textbook with Cases Cengage Learning,* William Publication.

3. GovindarajanM.,SenthilkumarM.S.Natarajan,2013. *Professional Ethics and Human Values*, PHI publication.

4. Daniel E. Wueste, 1994. *Professional Ethics and social Responsibility*, Rowman & Littlefield publication.

5. S.S. Khanka, 2014. *Business Ethics and Corporate Social Responsibility*, S. Chand Publisher.

Web Resources

1. https://pachamama.org/social-justice/social-responsibility-and-ethics
2. http://www.fimt-ggsipu.org/study/bbabi310.pdf
3. https://www.socialworkers.org/About/Ethics/Ethics-Education-and-Resources
4. https://www.ksi-indonesia.org/assets/uploads/original/2022/03/ksi-1646708612.pdf
5. https://www.physio-pedia.com/Introduction_to_Gender_Equality_and_Social_Inclusion_(GESI)

MAPPINGWITHPROGRAMMEOUTCOMESANDPROGRAMMESPECIFICOUTCOMES

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	2	3	3	3	3	3	3	3	2	3
CO2	2	3	3	3	2	3	3	2	3	3	2	3
CO3	3	3	2	3	3	3	3	1	2	3	2	3
CO4	2	3	3	3	2	3	3	2	3	3	3	3
CO5	2	2	2	2	2	2	2	3	3	3	3	3
Total	12	14	12	14	12	14	14	11	14	15	12	15
Average	2.4	2.8	2.4	2.8	2.4	2.8	2.8	2.2	2.8	3	2.4	3

3-Strong;2-Medium;1– Low

Local

National

Regional

Global