Holy Cross College (Autonomous), Nagercoil – 629 004

Kanyakumari District, Tamil Nadu

Nationally Accredited with A$^+$ by NAAC IV Cycle (CGPA 3.35)

Affiliated to

Manonmaniam Sundaranar University, Tirunelveli

DEPARTMENT OF ECONOMICS

SYLLABUS FOR POST GRADUATE PROGRAMME

PG & RESEARCH DEPARTMENT OF ECONOMICS
Holy Cross College (Autonomous), Nagercoil

TEACHING PLAN

ODD SEMESTER 2024 - 2025

Vision

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

Mission

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

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

Department : **Economics**
Class : **I B.A Economics**
Title of the Course : **Core Course -I MICROECONOMICS-I**
Semester : **I**
Course Code : **FU231CC1**

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

Course Outcomes

C O	Upon completion of this course, the students will be able to:	PSO addressed	Cognitive Level
CO - 1	rememberthebasicconceptsandtheneedforthestudyofMicroEconomics	PSO - 1	K1 (R)
CO - 2	Identify the types of utility and consumer behaviour	PSO - 1	K2 (U)
CO - 3	explainthevariousmarketequilibrium,DemandandSupplyFunctions	PSO - 1	K2 (U)
CO - 4	understandthemeaningofproductionfunctions	PSO -1	K2 (U)
CO - 5	presentthetheoryoffirms, costandrevenue	PSO - 41	K3 (A)

Teaching plan
Total Contact hours: 60 (Including lectures, assignments and tests)

Unit	Module	Topic	Teaching Hours	Cognitive level	Pedagogy	Assessment/ Evaluation
I	1	DefinitionsofEconomics	4	K1(R)	Introductory session	Recall steps, Concept definitions
	2	NatureandScopeofMicroeconomics , PositiveandNormativeApproaches	3	K1 (R)	Lecture,	Evaluation through MCQ, True/False
	3	InductiveandDeductiveApproaches -,ConsumersandFirms	2	K1 (R)	Lecture, PPT, Group Discussion	Evaluation essay
		DecisionMakingRationality:	2	K1 (R)	Lecture,	Evaluatio

	4	Self-Interest			PPT	n through True/False
	5	Trade-offs Fundamental Economic Problems	2	K1 (R)	Lecture, Group Discussion	Longer essay
	6	MarketMechanismandResourceAllocation.	2	K2 (U)	Lecture, PPT, Group Discussion	Evaluation through Short test
II	1	Utility,Ordinal and Cardinal Utility	2	K2 (U)	Introductory session	Evaluation through MCQ, True/False
	2 2	Total and Marginal Utility	2	K2 (U)	Lecture, Group Discussion	Evaluation essay
	3	Law ofDiminishingMarginalUtility	2	K2 (U)	Lecture, PPT, Group Discussion	Evaluation through True/False
	4	LawofEqui-MarginalUtility	2	K1 (R)	Lecture, PPT	Evaluation through shot test
	5	IndifferenceCurves,Properties	2	K1 (R)	Lecture, PPT, Group Discussion	Evaluation through MCQ, True/False
	6	MarginalRateofSubstitution,Budget Line	2	K1 (R)	Lecture, Group Discussion	Evaluation essay
	7	PriceandSubstitutionEffects	2	K1 (R)	Lecture, PPT	Evaluation through True/False
	8	OptimalConsumerChoice,Revealed Preference Theory	2	K2 (U)	Lecture, Group Discussion	Evaluation through shot test
		SamuelsonandHicks'Approach	2	K2 (U)	Lecture, PPT	Evaluation through shot test

III	1	Demand , TypesofGoods	2	K2 (U)	Introductory session	Evaluation through MCQ, True/False
	2	LawofDemand–Determinants	2	K2 (U)	Lecture, PPT	Evaluation essay
	3	Exceptions, Giffen Paradox, Veblen Effect	2	K3 (A)	Lecture, PPT, Group Discussion	Evaluation through True/False
	4	Elasticity of Demand:Types	3	K2 (U)	Lecture, Group Discussion	Evaluation through True/False
	5	Engel'sLaw , LawofSupply	2	K3 (A)	Lecture, Group Discussion	Evaluation through shot test
	6	Determinants ,Elasticity of Supply and its Types	2	K3 (A)	Lecture, Group Discussion	Evaluation through True/False
	7	Market Equilibrium ,ConsumerSurplusandProducerSurplus	2	K3 (Ap)	Lecture, Group Discussion	Evaluation through MCQ, True/False
IV	1	Production Function,– Law of Variable Proportions	3	K2 (U)	Introductory session	Evaluation through shot test
	2	Laws of Returns to Scale-Iso-quant's-Types of Production Function	3	K2 (U)	Lecture, PPT, Group Discussion	Evaluation through True/False
	3	Cobb -Douglas ProductionFunction	3	K3 (A)	Lecture, Group Discussion	Longer essay
		ConstantElasticityofSubstitution(CES)	3	K3 (A)	Lecture, Group Discussion	Longer essay
	5	EconomiesandDiseconomiesofScale	3	K3 (A)	Lecture, Group Discussion	Longer essay

V	1	1	Costs – Fixed and Variable Costs - Average, Marginal, and Total Costs	3	K2 (U)	Introductory session	Evaluation through MCQ, True/False
	2		Short Run and Long Run Costs – Implicit, Explicit, Sunk and ImputedCost	3	K2 (U)	Lecture, PPT, Group Discussion	Evaluation through True/False
			Revenue– Total,AverageandMarginalRevenue	2	K3 (A)	Lecture, Group Discussion	Evaluation through shot test
	4		Relationship betweenAR,MRandElasticityof Demand	2	K3 (A)	Lecture, Group Discussion	Evaluation through MCQ, True/False
	5		ProfitMaximizationRule.	2	K3 (A)	Lecture, PPT, Group Discussion	Longer essay

Course Focusing on Employability/ Entrepreneurship/ Skill Development: Employability/ EntrepreneurshipSkill
Activities (Me / En/SD): Group Discussion
Assignment: Fixed and Variable Costs - Average, Marginal, and Total Costs, Chart Explanation

Sample questions
Part A

1. Adam Smith is the father of Economics. State - True/False.
2. Man is described as a bundle of wants. State True/False.
3. Law of diminishing marginal utility was originally formulated by_____.
   a) Goosen b) Karlmarx c) Alfred d) Marshall
4. Give the abbreviation of TFC
5. Which cost increases continuously with the increase in production?
   a) average cost   b) marginal cost   c) variable cost
   d) total cost
Part B
   1. Summarize the growth definition.
   2. Estimate the of Law of equi-marginal utility.
   3. List the types of elasticity of demand?
   4. Recall the Isocost curve.
   5. Why does   the AC curve "U"shaped
Part C
1. Illustrate the Wealth definition of Economics.

2. Illustrate the properties of indifference curve.
3. How will you find the factors determining price elasticity of demand?
4. Explain the CES production function
5. Illustrate the relationship between MR and AR curve.

Head of the Department: Dr. S. Jeni Sanjana   Course Instructor: Dr. Jeni Sanjana

Department : **Economics**
Class : **I B.A Economics**
Title of the Course : **Core II: Statistics for Economics –I**
Semester : **I**
Course Code : **FU231CC2**

Course Code	L	T	P	Credits	Inst. Hours	Total Hours	Marks		
							CIA	External	Total
FU231CC2	5	-	-	5	6	75	25	75	100

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

CO	Upon completion of this course, the students will be able to:	PSO addressed	Cognitive level
CO - 1	understand the overview of statistics and basic knowledge of statistical tools.	PSO - 5	K1(R) &K2(U)
CO - 2	differentiate Types of Data and its Classification	PSO - 5	K1(R) &K2(U)
CO - 3	explain the concept of Averages and its application	PSO - 5	K2(U) &K3(A)
CO - 4	know the concept of Dispersion and its application	PSO - 5	K2(U) &K3(A)
CO - 5	calculate Correlation and estimate values using Regression	PSO - 5	K2(U) &K3(A)

Teaching plan
Total Contact hours: 75 (Including lectures, assignments and tests)

Unit	Module	Topic	Teaching Hours	Cognitive level	Pedagogy	Assessment/ Evaluation
I	**Introduction and Collection of Data**					
	1.	Introduction – Nature and Scope of Statistics – Uses and Limitations of Statistics –	7	K1(R)	Introductory session	Evaluation through short test
	2.	Data Collection – Primary and Secondary Data – Tools for collecting Primary Data	6	K2(U)	Lecture using Chalk and talk	Evaluation through short test
	3	Requisites of Good Questionnaire – Sources of Secondary Data.	3	K2(U)	Lecture using Chalk and talk	Explain
II	**Classification and Presentation of Data**					

	1	Classification and Tabulation of Data– Types - Frequency Distribution — Cumulative Frequency Distribution- Class Interval	7	K1(R)	Lecture using Chalk and talk	MCQ
	2	Diagrams – Types- Graphical Representation– Histogram	5	K1(R)	Lecture using Chalk and talk	Explain
III	**Measures of Central Tendency**					
	1	Measures of Central Tendency- Requisites of a Good Average – Arithmetic Mean, Median, and Mode – Relative Merits and Demerits.	13	K1(R) & K2(U)	Illustration	Evaluation through short test
IV	**Measures of Dispersion**					
	1	Absolute and Relative Measures of Dispersion – Range – Quartile Deviation – Mean Deviation – Standard Deviation	9	K1(R) & K2(U)	Illustration	Evaluation through short test
	2	Variance - Coefficient of Variation –- Skewness and Kurtosis.	5	K1(R) & K2(U)	Illustration	Evaluation through short test
V	**Correlation and Regression**					
	1	Correlation – Types of Correlation – Methods -Karl Pearson's Co-efficient of Correlation –- Spearman's Rank Correlation –	9	K1(R), K2(U)	Illustration	Evaluation through short test
	2	Regression Equations – Distinction between Correlation and	7	K2(U), K3(A)	Lecture using Chalk and talk	Suggest idea/concept with examples

		Regression Analysis.				

Course Focusing on Employability/ Entrepreneurship/ Skill Development: Employability
Activities (Me / En/SD): Tutorial
Course Focusing on Cross Cutting Issues (Professional Ethics/ Human Values/Environment Sustainability/ Gender Equity): Professional Ethics
Activities related to Cross Cutting Issues: Team Work
Assignment: Karl Pearson's coefficient of correlation
Sample questions (minimum one question from each unit)
Part A
1. Statistik' means
   a) Mathematical Statistics   b) Statistical Methods
   c) Statesman   d) Political State
2. Classification is the process of arranging data in different columns. True/False.
3. Find the median 10, 15, 5, 3, 4, 9, 8, 7, 11
4. Find range 65, 35, 75, 25, 15
5. The scatter diagrams are also called _____.

Part B
1. What are the limitations of Statistics?
2. Explain the types of tabulation.
3. Calculate median for the following data.

X	10	11	12	13	14	15
f	15	16	18	14	19	16

4. Calculate mean deviation for the following data

X	30	40	50	60	70	80

5. Write a note on linear and non – linear correlation

Part C
1. Explain the importance of Statistics in Economics.
2. Discuss the kinds of frequency distribution
3. Calculate mean from the following data

X	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80
F	4	12	24	36	20	16	8	5

4. Calculate standard deviation for the following data.

X	0-10	10-20	20-30	30-40	40-50	50-60	60-70
f	5	12	30	45	50	37	21

5. Discuss the scatter diagram method of studying correlation

Head of the Department: Dr.S.Jeni Sanjana   Course Instructor: Dr.S.Panimaya Mercy

Department   : Economics
Class   : I B.A Economics
Title of the Course   :Generic Elective -I: Introduction to Sociology
Semester   :I

Course Code   :FU231EC1

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

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

CO	Upon completion of this course, the students will be able to:	PSO addressed	PSO addressed
CO - 1	Understand the contributions of sociologists in the field of sociology	PSO - 4	K2 (U)
CO - 2	Understand the basic aspects of Sociology	PSO - 4	K2 (U)
CO - 3	Examine the impact of individuals, groups and society	PSO - 4	K2 (R)
CO - 4	Understand the dimensions of social stratification	PSO - 4	K2 (U)
CO - 5	Analyze and design Policy for social change	PSO - 4	K3 (A)

Teaching plan
Total Contact hours: 60 (Including lectures, assignments and tests)

Unit	Module	Topic	Teaching Hours	Cognitive level	Pedagogy	Assessment/ Evaluation
I	1.	Definition – Nature and Scope of Sociology	2	K2(U)	Introductory session	Recall steps, Concept definitions
	2.	Origins and development of Sociology	2	K1 (R)	Lecture, PPT	Evaluation through MCQ, True/False
	3.	Founding fathers and their contributions	1	K1 (R)	Lecture, PPT, Group Discussion	Evaluation essay
	4.	Auguste Comte, Herbert Spencer,	2	K1 (R)	Lecture, PPT	Evaluation through True/False
	5.	Karl Marx, Emile Durkheim	2	K1 (R)	Lecture, Group Discussion	Longer essay
	6.	Max Weber	1	K1 (R)	Lecture, PPT,	Evaluation

					Group Discussion	through MCQ
	7.	Sociology and other social sciences	1	K2 (U)	Lecture, PPT, Group Discussion	Evaluation through short test
II	1.	Society, Community	1	K2 (U)	Introductory session	Evaluation through MCQ, True/False
	2.	Institutions, Association	2	K2 (U)	Lecture, Group Discussion	Evaluation essay
	3.	Social Structure, Status	2	K2 (U)	Lecture, PPT, Group Discussion	Evaluation through True/False
	4.	Role, Norms, and Values	2	K1 (R)	Lecture, PPT	Evaluation through shot test
	5.	Folkways and Mores, Associative and Dissociative processes	2	K1 (R)	Lecture, PPT, Group Discussion	Evaluation through MCQ, True/False
	6.	Cooperation	2	K1 (R)	Lecture, Group Discussion	Evaluation essay
	7.	Assimilation-Accommodation	2	K1 (R)	Lecture, PPT	Evaluation through True/False
	8.	Competition and Conflict	2	K2 (U)	Lecture, Group Discussion	Evaluation through shot test
	9.	Sociology and other social sciences	2	K2 (U)	Lecture, PPT	Evaluation through shot test
III	1.	Individual and Society	1	K2 (U)	Introductory session	Evaluation through MCQ, True/False
	2.	Socialization	1	K2 (U)	Lecture, PPT	Evaluation essay
	3.	Stages and Agencies of Socialization	2	K3 (A)	Lecture, PPT, Group Discussion	Evaluation through True/False
	4.	Types of Groups	1	K2 (U)		
	5.	Primary and Secondary Groups	2	K3 (A)	Lecture, Group Discussion	Evaluation through shot test
	6.	In-Group and Out-	2	K3 (A)	Lecture,	Evaluation

		group			Group Discussion	through True/False
	7.	Reference Group	1	K3 (Ap)	Lecture, Group Discussion	Evaluation through MCQ, True/False
IV	1.	Social Stratification: Meaning	1	K2 (U)	Introductory session	Evaluation through shot test
	2.	Definition and Dimensions	1	K2 (U)	Lecture, PPT, Group Discussion	Evaluation through True/False
	3.	Social mobility and its determinants.	2	K3 (A)	Lecture, Group Discussion	Longer essay
V	1.	Meaning and Types: Evolution	1	K2 (U)	Introductory session	Evaluation through MCQ, True/False
	2.	Revolution	1	K2 (U)	Lecture, PPT, Group Discussion	Evaluation through True/False
	3.	Progress and Development	2	K3 (A)	Lecture, Group Discussion	Evaluation through shot test
	4.	Factors of Social Change	2	K3 (A)	Lecture, Group Discussion	Evaluation through MCQ, True/False
	5.	Culture and Civilization	2	K3 (A)	Lecture, PPT, Group Discussion	Longer essay

Course Focusing on Employability/ Entrepreneurship/ Skill Development: Skill Development
Activities (Me / En/SD): Group Discussion
Course Focusing on Cross Cutting Issues (Professional Ethics/ Human Values/Environment
Sustainability/ Gender Equity): Human Values
Activities related to Cross Cutting Issues: Role Play
Assignment:Culture and Civilization, Album Making

Sample questions
Part A
1. Sociology derived from the word _____ and _____
2. _____ refers to people and their community
3. The term _____ refers to the processes whereby individuals are taught the skills, behaviour patterns, values and motivations that are needed for competent functioning in the culture in which they are growing up.
4. The concept of social stratification came into existence in the year

a) 1940   b) 1941   c) 1914   d) 1904
5. Culture defines a typical way in which human beings live. State True/False

Part B
1. Point out the nature of sociology
2. State the features of social institutions
3. Write the note on reference group
4. Write the principles of social stratification
5. List out the types of evolution

Part C
1. Explain the origins and development of sociology
2. Discuss the characteristic of community
3. Explain the type of groups
4. Discuss the determinants of social mobility
5. Explain the factors influencing social changes

Head of the Department: Dr. S. Jeni Sanjana   Course Instructor: Ms. J. Josephine Shiny

Department	:	Economics
Class	:	I B.A Economics
Title of the Course	:	NME - Demography
Semester	:	I
Course Code	:	FU231NM1

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

Objectives
- To understand the meaning and scope of demography
- To discuss the basic concepts of demographic measurements.
- To describes the concepts of urbanization and migration
- To evaluate the international aspects of population growth and its environment.
- To analyze the trends in population policy in India

Course outcomes

Co. No	Course Outcomes	Programme Outcomes	Cognitive Level
CO - 1	Acquire knowledge on the subject matter of Urban Economics	PO1	K1(R), K2(U)
CO - 2	Gain Knowledge on Urbanization and its Impact	PO1,PO2	K1(R), K2(U)
CO - 3	Understand and analyse the Urban Infrastructure	PO1,PO2	K2(U), K3(Ap)
CO - 4	Analyze the impact of Migration	PO2,PO4	K2(U), K3(Ap)
CO - 5	Apply various ideas and policies in Urban Economics.	PO4	K2(U), K3(Ap)

Teaching plan
Total Contact hours: 30 (Including lectures, assignments and tests)

Unit	Module	Topic	Teaching Hours	Cognitive level	Pedagogy	Assessment/ Evaluation
I	1.	Definition of Urban Economics- Nature and Scope of Urban Economics	1	K2(U)	Lecture using Chalk and talk	Evaluation through short test,MCQ,
	2.	Density, Urbanization - Definition of a City and Metropolitan area	1	K1(R)	Group Discussion	Concept definitions
	3.	Urban structure and Urban growth.	1	K1(R)	PPT	Slip Test
II	4.	Urbanization, Concept,	2		PPT	Quiz

		Urban Morphology		K2(U)		
	5.	Causes and Issues of Urbanization- Sustainable Urbanization.	2	K1(R)	PPT	Shot Answer
III	6.	Urban Infrastructure, Transportation, Electricity, Water Supply, Slums,	3	K2(U)	Lecture	CIA
	7.	Housing and Urban Renewal, Public Health	2	K3(A)	Lecture	Evaluation through short test
IV	8	Theories of Rural Urban Migration – Ravenstein's Law of Migration	3	K2(U)	Lecture with group discussion	Evaluation through short test
	9	Stouffer's theory of Mobility- Lee's theory- Reasons for Migration: Push and Pull factors	3	K3(A)	Lecture with group discussion	Evaluation through short test
V	10	Policies and Programmes for Urban development - Measures to Control Urban Growth	2	K2(U)	Peer Teaching discussion	Group assessment
	11	Integrated Development of Small and Medium Towns- Smart Cities in India	2	K3(A)	Peer Teaching discussion	Group assessment

Course Focusing on Employability/ Entrepreneurship/ Skill Development: Employability
Activities (Me / En/SD): Group Discussion
Course Focusing on Cross Cutting Issues (Professional Ethics/ Human Values/Environment
Sustainability/ Gender Equity): Professional Ethics
Activities related to Cross Cutting Issues: Group Discussion
Assignment: Urban Infrastructure

Sample questions (minimum one question from each unit)

Part A

1. Which year is called the 'demographic divide' in India?
    a) 1881   b) 1901   c) 1921   d) 1951
2. Most useful single measure of mortality is
    a. Case fatality rate   b. CDR   c. ASDR   d. Proportional Mortality rate

3. Which of the following is the best indicator of health status of a community?

    a. Birth rate   b. Infant mortality rate   c. Crude death rate   d. None of the above

4. Mortality experience is taken into consideration when defining:

    a. General fertility rate   b. Total fertility rate
    c. Net reproduction rate   d. Gross reproduction rate

5. Demographic gap means:

    a. Differences in sex ratio   b. Differences between age specific birth and death rates
    c. Differences between birth and death rates d. Differences in child and women ratio

Part B
6. Point out the nature of urban economics.
7. Define City.
8. Write the note on urban infrastructure.
9. Discuss the law of migration.
10. List out the reasons for migration.

Part C
6. Explain the urban structure and urban growth.
7. Discuss the causes and issues of urbanization.
8. Explain the public health.
9. Discuss the Ravenstein's Law of Migration.
10. Explain the Stouffer's theory of Mobility

Head of the Department: Dr. S. Jeni Sanjana   Course Instructor: Ms. J. Josephine Shiny

Department   :Economics
Class   : IIB.AEconomics
Title of the Course   : Core V:MacroEconomics -I
Semester   :III
CourseCode   : FU233CC1

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

Objectives

1.   Tounderstandthenationalincome anditsrelatedconcepts
2.   To analyse the classical theory of fullemployment and its advantages

Course outcomes

CO	Uponcompletionofthiscourse, the students will be able to:	PSOaddressed	Cognitive level
CO-1	understandthestructure ofMacroeconomicsandtheConceptofGDP	PSO-1	K2(U)
CO-2	outlinetheconceptsin ClassicalTheoryofEmployment	PSO-1	K1(R) & K2(U)
CO-3	understandthetypesandtheimpactofInflationon Economies	PSO-2	K2(U)
CO-4	examinethetheoriesof ConsumptionFunction	PSO-3	K3(A)
CO-5	analyzetheKeynesianUnderemploymentTheory	PSO-4	K4(An)

Teachingplan

TotalContacthours:75(Includinglectures,assignmentsand tests)

Unit	Module	Topic	Teaching Hours	Cognitive level	Pedagogy	Assessment/ Evaluation
I	1.	Meaning, Differencebetween Micro&MacroEconomics	3	K2(U)	Introductory session	Evaluation throughsh ort test
	2.	MacroStatics, MacroDynamics, – ComparativeStatics	4	K2(U)	Demonstration	Evaluation throughsh ort test
	3.	TransitionfromMicr otoMacroEconomics	2	K2(U)	Lecture using Chalkandtalk	Explain

		-				
	4.	Stock and flow concepts	2	K2(U)	PPT	MCQ
	5.	Importance and Limitations ofMacroEconomicanalysis.	4	K2(U)	PPT	Debating or Presentations
II	1.	NationalIncome:Definition, Concepts:GDP,GNPandPerCapitaIncome	4	K1(R)	Lectureusing Chalkandtalk	Concept definitions
	2.	National Income Measurement: Expenditure, Income andValueAddedApproaches-Real and Nominal GDP	3	K3(A),	Peertutoring	Differentiate between variousideas
	3.	Difficulties involved inmeasuringNationalIncome, GDPDeflator	3	K4(An)	Problem solving	Seminar
	4.	GreenGDP, Happiness Index	3	K3(A)	Group Discussion	Discussion
	5.	Circular flow of income(Twosector model)	2	K3(A)	Lectureusing videos,	Recallsteps
III	1	Meaning offull employment,Typesof unemployment	3	K1(R)& K2(U)	Lecture using Chalkandtalk	Simple definitions, MCQ
	2	Classical theory of output and employment.Say's law of Markets , Pigou's view on involuntary unemployment	4	K1(R), K2(U) & K3(A)	Lecture using Chalkandtalk	Differentiate between variousideas
	3	Keynesian conceptofeffective demand,Aggregate supplyfunctionand Aggregate demand	4	K1(R)& K2(U)	PPT	Explain

		function, underemployment equilibrium				
	4	Ex-antesavingandex-ante investment, Comparison of classical and Keynesiantheory.	4	K3(A)& K4(An)	Review	Differentia te between variouside as
IV	1.	Consumption Function: Meaning and Attributes	4	K1(R) & K2(U)	Mind mapping	Map knowledge
	2.	Factors determining consumption function	3	K3(A)	Group Discussion	Evaluation through short test
	3.	Keynesian Absolute Income Hypothesis, Duesenberry's Relative Income Hypothesis	4	K2(U)	Lecture using videos	Check knowledge in specific or off beat situations
	4.	Friedman's Permanent Income Hypothesis, Anto& Modigliani's Life Cycle Hypothesis.	4	K2(U)	Lecture using PPT	Check knowledge in specific or off beat situations
V	1	Meaning and assumptions of multiplier, Working, leakages, importance and limitations of multiplier	7	K1(R), K2(U), K3(A) & K4 (An)	Lecture using Chalk and talk	Solve problems
	2	Meaning of Accelerator principle, Assumptions, Operation and its Limitations,	6	K1(R), K2(U), K3(A) & K4 (An)	Lecture using Chalk and talk	Suggest idea/conce pt with examples
	3	A note on foreign trade multiplier.	2	K1(R)& K2(U)	Lecture using Chalk and talk	Explain

CourseFocussingonEmployability/Entrepreneurship/SkillDevelopment:

Employability Activities (Me / En/SD): Tutorial

CourseFocussingonCrossCuttingIssues(ProfessionalEthics/HumanValues/Environment Sustainability/ Gender Equity): Professional Ethics

Activitiesrelatedto

CrossCuttingIssues:GroupDiscussion Assignment:

Working of multiplier

Samplequestions(minimumonequestionfromeachunit)

PartA
1. ThetermMacro Economicswasfirstcoinedby
   a) J.B.Say   b)J.S.Mill   c)Ragnar Frisch   d)Marshall

2. NNP =GNP–D.Where Dis -
   a)   Depressionb)Directtaxesc)
      Depreciation   d)Development

3. Classical Economists believe that there is alwaysfull employment in an Economy – True / False

4. APC istheratioof _____.

5. _____shows the effect of a change in consumption on investment.

PartB
1. WhatarethelimitationsofMacroEconomics?
2. WhatarethemethodsofmeasuringNationalIncome?
3. Explainunderemployment equilibrium.
4. Listouttheimportanceofconsumption function.
5. What arethe limitations of multiplier?

Part C

1. DiagrammaticallyexplainMacroStaticandMacro Dynamicanalysis.
2. Explain thedifficulties involved in measuring nationalincome.
3. DifferentiateClassicalviewfromKeynesianviewofemployment.
4. Critically analyze the Keynesian lawofconsumption.
5. Discusstheforwardandbackwardoperationsofmultiplier.

HeadoftheDepartment   CourseInstructor

Dr.S.Jeni Sanjana   Dr.S.Panimaya Mercy

Department	:	Economics
Class	:	IIB.AEconomics
Title of the Course	:	Mathematics for Economics
Semester	:	III
CourseCode	:	FU232CC2

CourseCode	L	T	P	Credits	Inst.Hours	TotalHours	Marks		
							CIA	External	Total
FU232CC2	5	-	-	5	5	75	25	75	100

Learning Objectives:

1. Tointegratethe conceptsofEconomicswithMathematicaltools.
2. Tounderstandthe second orderderivatives anditsmaxi minifunction.

Course Outcomes:

Oncompletionofthiscourse, studentswillbeableto:		
1	understandBasicConceptsofMathematicsanditsapplicationinEconomics.	K1 & K2
2	analyzetherelevanceof theTypes of Matrices	K1 & K2
3	calculateoptimalvaluesinthesystemofEquationsandtheimportanceofInput-Output Analysis	K2 & K3
4	gainknowledgeoftherulesofDifferentiationanditsEconomicApplications	K2 & K3
5	tooptimizesinglevariable functionsinEconomics	K2 & K3

K1– Remember; K2 –Understand; K3– Apply

Teachingplan
TotalContacthours: 75(Includinglectures, assignmentsandtests)

Unit	Module	Topic	Teaching Hours	Cognitive level	Pedagogy	Assessment/ Evaluation
I	1.	Variables,Constants,Equations anditstypes	1	K1(U)	Introductor ysession	Recallsteps, Concept definitions
	2.	Usesandlimitations of Mathematics in Economics	1	K1(R)	Lecture	Evaluation through MCQ,True/F alse
	3.	Linearfunction,Parabola	1	K1(R)	Lecture,Gr oup Discussion	Evaluationth rough problems
	4.	RectangularHyperbola	1	K1(R)	Lecture	Evaluation ThroughTru e/False

	5.	Exponential,Logarithmic,Pow erfunction	2	K1(R)	Lecture,Gr oup Discussion	Evaluation through problems
	6.	HomogenousFunction	2	K1(R)	Lecture, Group Discussion	Evaluationth roughMCQ
	7.	ApplicationsinEconomics	2	K2(U)	Lecture,PP T, GroupDisc ussion	Evaluation Throughshor ttest
II	1.	Types of Matrices	1	K2(U)	Introductor ysession	Evaluation through MCQ,True/F alse
	2.	Matrix Operations: Addition, Subtraction, Matrix multiplication	2	K2(U)	Lecture,Gr oup Discussion	Evaluation Through shot problems
	3.	Transpose, Determinants, Inverse andProperties	2	K2(U)	Lecture, PPT,Group Discussion	Evaluationth rough True/False
	4.	SolvingasystemofLinear Equations	2	K1(R)	Lecture	Evaluation through shorttest
	5.	Cramer'sRule	2	K1(R)	Lecture, Group Discussion	Evaluationth roughMCQ, True/False
	6.	MatrixInverseMethod	2	K1(R)	Lecture,Gr oup Discussion	Evaluation through problems
III	1.	Leontief'sInput	1	K2(U)	Introductor ysession	Evaluation through MCQ,True/F alse
	2.	OutputModel	2	K2(U)	Lecture	Evaluation through problems
	3.	OpenModel	2	K3(A)	Lecture, Group Discussion	Evaluationth rough True/False
	4.	ClosedModel- Components,Uses	1	K2(U)	Lecture, Group Discussion	Evaluationth rough True/False
	5.	Limitations	2	K3(A)	Lecture,Gr oupDiscuss ion	Evaluationth roughshot test

	6.	Hawkins	2	K3(A)	Lecture,Gr oupDiscuss ion	Evaluation ThroughTru e/False
	7.	SimonConditionsforViability ofInput	1	K3(Ap)	Lecture,Gr oupDiscuss ion	Evaluation through MCQ,True/F alse
	8.	Output Model (Problems)	2	K3(Ap)	Lecture,Gr oupDiscuss ion	Evaluationth roughshort test
IV	1.	LimitsandContinuity– DifferentiabilityofaFunction	1	K2(U)	Introductor ysession	Evaluationth roughshort test
	2.	SlopeofaCurve– IncreasingandDecreasingFunc tions–Rules-	2	K2(U)	Lecture,PP T, GroupDisc ussion	Evaluation ThroughTru e/False
	3.	Exponential and Logarithmic Functions	2	K3(A)	Lecture,Gr oup Discussion	Evaluation through problems
	4.	Implicit Differentiation– EconomicApplications:Margi nalandElasticityConcepts	2	K2(U)	Lecture,Gr oupDiscuss ion	Evaluation ThroughTru e/False
	5.	Relationship between AR, MR, and Price Elasticity of Demand	2	K2(U)	Lecture,Gr oupDiscuss ion	Evaluation through MCQ,True/F alse
	6.	RelationshipBetween AverageandMarginal Cost.	2	K3(A)	Lecture,Gr oupDiscuss ion	Evaluationth roughshort test
V	1.	SecondOrderDerivatives– Maximization andMinimization of aFunction	2	K2(U)	Introductor ysession	Evaluationth roughMCQ, True/False
	2.	EconomicApplications– OutputandRevenueMaximizati on	2	K2(U)	Lecture,PP T, GroupDisc ussion	Evaluation ThroughTru e/False
	3.	CostMinimization– ProfitMaximization	2	K3(A)	Lecture,Gr oupDiscuss ion	Evaluationth roughshot test
	4.	Meaning– BasicRulesofIntegration– DefinitionofIntegration	2	K3(A)	Lecture,Gr oupDiscuss ion	Evaluation through MCQ,True/F alse
	5.	Consumer Surplus – ProducerSurplus	2	K3(A)	Lecture,PP T, GroupDisc ussion	Evaluation through problems

Course Focusing on Employability
Activities (Me /En/SD) : Mind Map
CourseFocusingonCrossCuttingIssues : ProfessionalEthics
Activities related to Cross Cutting Issues : Group Discussion
Assignment : Equation and its types

Sample Questions

Part A

1. What are the uses of mathematics in economics?
   a) Describing economic phenomena b) Formulating economic theories   c)   Analyzing economic data d) All of the above
2. The _____ function is used to represent the rate of change of a dependent variable with respect to an independent variable.
3. Which of the functions is typically used to model exponential growth in economics?
4. In matrix algebra, which method can be used to solve a system of linear equations by utilizing the inverse of the coefficient matrix?
   a) Cramer's Rule   b) Matrix Inverse Methodc) Gaussian Elimination   d)   Leontief's Model
5. A function is differentiable at a point if it has a derivative at that point. State True/False.

Part B

1. Explain the uses and limitations of mathematics in economics.
2. Find Higher Order Derivatives if $y = 5x^4 +2x^3 -6x+6$.
3. $C=Q^3 -3Q^2 +15Q$,Find AC and MC
4. The demand function $P= (12-Q)^2$ and the function is $C=15Q^2 +55$.Find the output
5. Find the determinant of A= $\left\{ \begin{array}{cc} 5 & 9 \\ 10 & 5 \end{array} \right\}$

Part C

6. Discuss the different types of functions.
7. Explain the various types of in matrix
8. Find the inverse of matrix A $= \left\{ \begin{array}{ccc} 3 & 2 & 4 \\ 1 & 5 & 6 \\ 3 & 4 & 1 \end{array} \right\}$

9. Find the maxima and minima of the function $y= 3x^2 -x+1$
10. Solve the following equation by using Crammer's Rule
    $2x+3y+3z = 29$
    $3x+2y+5z = 32$
    $4x+3y+2z + 25$

Head of the Department: Dr.S.Jeni Sanjana   Course Instructor: Dr.S.VimalDolli

Department : **Economics**
Class : **IIB.AEconomics**
Title of the Course : **Rural Economics**
Semester : **III**
CourseCode : **FU233EC1**

CourseCode	L	T	P	Credits	Inst.Hours	TotalHours	Marks		
							CIA	External	Total
FU233EC1	4	-	-	3	4	60	25	75	100

Learning Objectives:

1. ToenablethestudentstounderstandRuralEnvironment.
2. ToenrichthestudentsaboutcomponentsoftheRuralEconomy

Course Outcomes:

	Oncompletionofthiscourse, studentswillbeableto:	
1	understandingagriculturalproductionincludingcropcultivation,livestockmanagementand sustainable farming	K1
2	analysetheuniqueeconomicchallengesandopportunitiespresentinruralresources	K1&K2
3	understandthe populationsizeand population ten density	K2
4	understandtheruraloccupationalstructure	K2
5	assestherural povertyandunemployment	K3

K1– Remember; K2 –Understand; K3– Apply

Teachingplan
TotalContacthours:60(Includinglectures, assignmentsandtests)

Unit	Module	Topic	Teaching Hours	Cognitive level	Pedagogy	Assessment/ Evaluation
I	1.	NatureandScopeofRural Economics	1	K1(U)	Introductory session	Recallsteps ,Concept definitions
	2.	Inter-disciplinaryapproachofRuralEconomics	2	K1(R)	Lecture ,PPT	Evaluation through MCQ,True/False
	3.	Components-StructureandCharacteristics	2	K1(R)	Lecture, PPT,Group Discussion	Evaluationthrough essay

	4.	Pre and Post-independence.	2	K1(R)	Lecture, PPT	Evaluation Through True/False
II	1.	Rural Resources	2	K2(U)	Introductory session	Evaluation through MCQ,True/False
	2.	Nature-Types and Magnitude	2	K2(U)	Lecture,Group Discussion	Evaluation Through shot essay
	3.	Rural Resources Management and Development	2	K2(U)	Lecture,PPT,Group Discussion	Evaluation through True/False
	4.	Application of Technology in Rural Development	2	K1(R)	Lecture, PPT	Evaluation through short test
	5.	Problems and prospects.	1	K1(R)	Lecture,PPT,Group Discussion	Evaluation through MCQ, True/False
III	1.	Population Size	2	K2(U)	Introductory session	Evaluation through MCQ,True/False
	2.	Sex and Age Composition	2	K2(U)	Lecture,PPT	Evaluation through essay
	3.	Density of Population	2	K3(A)	Lecture,PPT,Group Discussion	Evaluation through True/False
	4.	Population Problems and	1	K2(U)	Lecture,PPT,Group Discussion	Evaluation through True/False
	5.	Family Welfare Measures in Rural India.	2	K3(A)	Lecture,Group Discussion	Evaluation through shot test
IV	1.	Nature of Rural Occupations	1	K2(U)	Introductory session	Evaluation through shot test
	2.	Occupational Distribution in Rural India	2	K2(U)	Lecture,PPT, Group Discussion	Evaluation Through True/False

	3.	TheConcept of Work Participation Rates.	2	K3(A)	Lecture,Group Discussion	Evaluation through essay
V	1.	RuralPoverty- Meaning,Estimates,Caus esandConsequences	2	K2(U)	Introductory session	Evaluationthr oughMCQ, True/False
	2.	Unemployment - Meaning, Types	2	K2(U)	Lecture,PPT, GroupDis cussi on	Evaluation Through True/Fals e
	3.	Magnitude of RuralUnemployment	2	K3(A)	Lecture,Gr oupDiscuss ion	Evaluationt hroughshot test
	4.	Causesand Consequences	2	K3(A)	Lecture,Gr oupDiscuss ion	Evaluation through MCQ,True/F alse

Course Focusing on Employability
Activities (Me/En/SD)   :   Case Study on Rural Resources
CourseFocusingonCrossCuttingIssues   :   ProfessionalEthics
Activities related to Cross Cutting Issues   :   Group Discussionon Rural Poverty
Assignment   :   Rural Poverty

Sample Questions
Part - A
6. Which of the following describes the nature of rural resources?
   a) Homogeneous   b) Heterogeneous   c) Static   d) Non-renewable
7. The interdisciplinary approach of rural economics includes components such as _____, structure, and characteristics.
8. Rural poverty is often measured and analyzed by understanding its _____, causes, and consequences.
9. What is the primary focus of rural demography?
   a) Industrial growth   b) Technological advancements
   c) Population distribution   d) Urban planning
10. The application of technology in rural development is without any problems or prospects. State True/False.

Part B
11. Explain the nature and scope of rural economics.
12. Discuss the types and magnitude of rural resources in India.
13. Describe the population problems and challenges faced in rural India.
14. Analyze the concept of work participation rates in the rural occupational structure of India.
15. Outline the causes and consequences of rural unemployment in India.

Part C
16. Explain how rural economics uses an interdisciplinary approach to understand the structure and characteristics of rural areas in both pre- and post-independence India.

17. Discuss the types of rural resources in India, their management challenges, and the role of technology in rural development.
18. Analyze rural demography in India, including population size, composition, density, and the impact of family welfare measures.
19. Evaluate the occupational structure of rural India, focusing on the distribution of occupations and the concept of work participation rates.
20. Critically assess rural poverty and unemployment in India, covering their causes, consequences, and potential solutions.

Head of the Department: Dr.S.Jeni Sanjana   Course Instructor: Dr.S.VimalDolli

Department	:	Economics
Class	:	IIB.AEconomics
Title of the Course	:	Indian Agriculture
Semester	:	III
CourseCode	:	FU233SE1

CourseCode	L	T	P	Credits	Inst.Hours	TotalHours	Marks		
							CIA	External	Total
FU233SE1	2	-	-	2	2	30	25	75	100

Learning Objectives:

1. Toknowthepatternandtypes ofagriculture
2. ToexplainthemeasurestakenbytheGovernmentforagriculture.

Course Outcomes:

Oncompletionofthiscourse, studentswillbeableto:		
1	explaintheintroductionofIndianaagriculture	K1
2	understandthecroppingpatterns	K2
3	recognizeagriculturalinputsandresources	K1
4	understandtheVarioustechnologyandtrainingprogrammes	K2
5	knowtheApplicability ofmeasuresbyGovernment	K1& K2

K1– Remember; K2 –Understand; K3– Apply

Teachingplan
TotalContacthours: 30(Includinglectures, assignmentsandtests)

Unit	Module	Topic	Teaching Hours	Cognitive level	Pedagogy	Assessment/ Evaluation
I	1.	Historical overview of agriculture in India	1	K1(U)	Introductorysession	Recallsteps, Concept definitions
	2.	Importance ofagricultureintheIndian economy	1	K1(R)	Lecture, PPT	Evaluation through MCQ,True/False
	3.	Agro-climatic zonesandcroppingpatterns.	2	K1(R)	Lecture, PPT,Group Discussion	Evaluationt hrough essay
II	1.	Major cropping systems: Kharif, Rabi	1	K2(U)	Introductorysession	Evaluation through MCQ,True/False
	2.	Zaid.-Cropdiversificationanditssignificance	1	K2(U)	Lecture,Group Discussion	Evaluation Through shot essay

	3.	Cash crops vs.food crops: trends and implications.	1	K2(U)	Lecture, PPT,Grou p Discussion	Evaluationt hrough True/False
III	1.	Seedindustry:varieties,q uality,andchallenges	2	K2(U)	Introduc torysessi on	Evaluation through MCQ,True/Fal se
	2.	Irrigation:types,sources,a ndefficiency	2	K2(U)	Lecture,PPT	Evaluation through essay
	3.	Fertilizersandpesticides: usagetrends,environme ntal concerns.	2	K3(A)	Lecture, PPT,Grou p Discussion	Evaluationt hrough True/False
IV	1.	Role of agricultural extension services in technologydisseminatio n	1	K2(U)	Introduc torysessi on	Evaluationth roughshot test
	2.	Farmer education and training programs	2	K2(U)	Lecture,PPT, Group Discus sion	Evaluation ThroughTr ue/False
	3.	ICT in agriculture: e-governance initiatives, mobile apps, and agri-portals.	1	K3(A)	Lecture,Grou p Discussion	Evaluation through essay
V	1.	Agricultural policy reforms post-liberalization	2	K2(U)	Introduc torysessi on	Evaluationthro ughMCQ, True/False
	2.	Pradhan Mantri Krishi Sinchayee Yojana (PMKSY),	1	K2(U)	Lecture,PPT, Group Discus sion	Evaluation ThroughTr ue/False
	3.	Pradhan Mantri Fasal BimaYojana (PMFBY), and other flagship schemes.-	2	K3(A)	Lecture,Grou pDiscussion	Evaluationth roughshort test
	4.	National MissionforSustainable Agriculture (NMSA) and otherinitiatives.	1	K3(A)	Lecture,Grou pDiscussion	Evaluation through MCQ,True/Fal se

Course Focusing on Employability
Activities (Me /En/SD)   :   Debate - ICT in Agriculture
CourseFocusingonCrossCuttingIssues   :   ProfessionalEthics
Activities related to Cross Cutting Issues   :   Group Discussionon Agricultural policy
reforms post-liberalization
Assignment   :   Importance ofagricultureintheIndian economy

Sample Questions
Part A

21. Which of the following cropping systems in India is primarily associated with the winter season?
    a) Kharif   b) Rabi   c) Zaid   d) Both A and C
22. The _____ industry in India faces challenges related to varieties, quality, and distribution.
23. Expand PMFBY
24. Which agricultural input is crucial for improving crop yield and is categorized into macro and micronutrients?
    a) Seeds   b) Irrigation   c) Fertilizers   d) Pesticides
25. ICT initiatives in agriculture, such as e-governance initiatives and mobile apps, have not contributed significantly to enhancing agricultural productivity.State True/False.

<div align="center">Part B</div>

26. List out the causes rural unemployment in India.
27. Explain how farming has changed in India over time and why it's important for the economy.
28. Describe the main farming seasons in India
29. Discuss the challenges faced by the seed industry in India.
30. Explain how organizations that share new farming ideas, called agricultural extension services, help farmers in India.
31. Discuss PMKSY

<div align="center">Part C</div>

32. Explain the significance of agro-climatic zones in India and how they influence cropping patterns.
33. Discuss the importance of crop diversification in Indian agriculture.
34. Describe the different types of irrigation used in Indian agriculture.
35. Evaluate the usage trends of fertilizers and pesticides in Indian agriculture.
36. Examine the role of ICT (Information and Communication Technology) in transforming Indian agriculture.

Head of the Department: Dr.S.Jeni Sanjana   Course Instructor: Dr.S.VimalDolli

Department : **Economics**
Class : **III B.A Economics**
Title of the Course : **Major Core V: Indian Economy – I**
Semester : **V**
Course Code : **FC2051**

CourseCode	L	T	P	S	Credits	Inst.Hours	Total Hours	Marks		
								CIA	External	Total
FC2051	6	-	-	-	5	6	90	25	75	100

Learning Objectives

1.To acquaint students with the significance ofagriculture in India
2. To highlighttheproblemsoftheagriculturalsectorandtoevaluatetheremediesofferedto solvethem

Course Outcome

CO No	Course Outcomes Upon completion of this course, students will be able to	PSO addressed	Cognitive Level
CO1	to identify the resource profile of Indian Economy	PSO - 1	Re
CO2	understand the problems of Indian Economy and measurements	PSO - 1	U
CO3	analyze the functions and features of agriculture	PSO - 8	U
CO4	explain the system of agriculture marketing and agricultural finance	PSO - 8	U
CO5	understand discuss the agriculture pricing and food security.	PSO - 8	E

Teaching plan
Total Contact hours: 60 (Including lectures, assignments and tests)

Unit	Module	Topic	Teaching Hours	Cognitive level	Pedagogy	Assessment/ Evaluation
I	1.	Characteristics of Indian economy – Principles of resource development	3	K2 (R)	Introductory session	Recall steps, Concept definitions
	2.	Principles of resource development - Importance of Natural Resources	3	K1 (R)	Lecture, PPT	Evaluation through MCQ, True/False
	3.	Land – Soil – Water – Forest – Mineral	3	K1 (R)	Lecture, PPT, Group Discussion	Evaluation essay
	4.	Energy – Human Resource	2	K1 (R)	Lecture,	Evaluation

					PPT	through True/False
	5.	Features of the Indian Economy – Promotional and Retarding factors	2	K1 (R)	Lecture, Group Discussion	Longer essay
	6.	National Income: Sectoral composition–	3	K1 (R)	Lecture, PPT, Group Discussion	Evaluation through MCQ
	7.	patternofincomedistributio n–Inequalitiesofincome.	2	K2 (U)	Lecture, PPT, Group Discussion	Evaluation through short test
II	1.	Nature and Magnitude of Population	2	K2 (U)	Introductor y session	Evaluation through MCQ, True/False
	2.	Need for population control and government policy	3	K2 (U)	Lecture, Group Discussion	Evaluation essay
	3.	Problem of unemployment Causes and remedies	2	K2 (U)	Lecture, PPT, Group Discussion	Evaluation through True/False
	4.	Concept of Poverty and Economic inequalities	2	K1 (U)	Lecture, PPT	Evaluation through shot test
	5.	Problem of poverty in India	2	K1 (U)	Lecture, PPT, Group Discussion	Evaluation through MCQ, True/False
	6.	Absolute and relative poverty - Magnitude, nature and causes of poverty	2	K1 (U)	Lecture, Group Discussion	Evaluation essay
	7.	Measurement of Poverty	2	K1 (U)	Lecture, PPT	Evaluation through True/False
	8.	Poverty alleviationprogrammes.	3	K2 (U)	Lecture, Group Discussion	Evaluation through shot test
II	1.	Nature and importance	3	K2 (U)	Introductor y session	Evaluation through MCQ, True/False
	2.	Agricultural Development in India	3	K2 (U)	Lecture, PPT	Evaluation essay
	3.	Green Revolution –	3	K2(U)	Lecture,	Evaluation

		Features and impact Green revolution			PPT, Group Discussion	through True/False
	4.	Mechanization– Caseforandagainst Acritical evaluation	3	K2 (U)		
	5.	Agriculturalfinance Features	3	K2 (U)	Lecture, Group Discussion	Evaluation through shot test
	6.	Sources andproblems.	3	K3 (A)	Lecture, Group Discussion	Evaluation through True/False
IV	1.	Agricultural marketing – System of agriculture marketing	3	K2 (U)	Introductory session	Evaluation through shot test
	2.	Co-operative marketing, marketed surplus, marketable surplus –	3	K2 (U)	Lecture, PPT, Group Discussion	Evaluation through True/False
	3.	Problems of agricultural marketing - Agriculture and support services	3	K2 (U)	Lecture, Group Discussion	Evaluation through essay
	4.	Agricultural finance	3	K2 (U)	Lecture, Group Discussion	Evaluation through essay
	5.	Land Development Banks – Regional Rural Banks	3	K2 (U)	Lecture, Group Discussion	Evaluation through essay
	6.	NABARD– Agricultural warehousing andmarketing.	3	K2 (U)	Lecture, Group Discussion	Evaluation through essay
V	1.	Agricultural pricing – Need for stability	3	K5 (E)	Introductory session	Evaluation through MCQ, True/False
	2.	Objectives and instrument of agricultural price policy	3	K5 (E)	Lecture, PPT, Group Discussion	Evaluation through True/False
	3.	Minimum support price	3	K5(E)	Lecture, Group Discussion	Evaluation through shot test
	4.	procurement price for agricultural goods – Public Distribution System(PDS)	3	K5 (E)	Lecture, Group Discussion	Evaluation through MCQ, True/False
	5.	Objectives and defects - Food Corporation of India	3	K5(E)	Lecture, PPT,	Essay Demonstratio

	6.	Objectives and Functions– Food Security inIndia.	3	K5(E)	Group Discussion	n
					Lecture, Group Discussion	Evaluation through shot test

Course Focusing on Employability/ Entrepreneurship/ Skill Development: Employability/ Entrepreneurship
Activities (Me/ En/SD): Group Discussion
Assignment: Objectives and defects - Food Corporation of India-Video making

Sample questions

Part A
1. Petroleum has been rightly called as 'Liquid Gold'. State true or false.
2. Expand TRYSEM
3. Green revolution refers to Improvement in agricultural production within a short period of time. State true or false.
4. NCDC is the abbreviation of _____
5. In which year Food Corporation Act was set up in India?
     a) 1967   b) 1965   c) 1963   d) 1964

Part B
1. List the functions of land resources.
2. Identify the need for population control in India
3. Interpret the impact of mechanization.
4. Report a note on Co-operative marketing?
5. Justify the objectives of Food Corporation of India.

Part C
1. Memorize the importance of natural resources in India.
2. Describe the poverty alleviation programmes.
3. Summarize the problems of agriculture finance.
4. Identify the features of NABARD
5. Evaluate the objectives and instruments of agriculture price policy.

Head of the Department: Dr. S. Jeni Sanjana   Course Instructor: Dr. S. Jeni Sanjana

Department   :   Economics
Class   :   III B.A Economics
Title of the Course :   Core II: History of Economic Thought
Semester   :   V
Course Code   :   FC2052

Course Code	L	T	P	Credits	Inst. Hours	Total Hours	Marks		
							CIA	External	Total
FC2052	6	-	-	5	6	90	30	70	100

Objectives

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

Course outcomes

CO	Upon completion of this course, the students will be able to:	PSO addressed	Cognitive level
CO - 1	understand the nature significance and approaches of economic thoughts	PSO - 5	K2(U)
CO - 2	discuss the merchant and Physiocracy	PSO - 5	K5(E)
CO - 3	identify the classical and Neo classical economics	PSO - 5	K1(R)
CO - 4	analyze the Marxian contribution	PSO - 5	K4(An)
CO - 5	explain the ideas of Economists	PSO - 5	K2(U)

Teaching plan
Total Contact hours: 90 (Including lectures, assignments and tests)

Unit	Module	Topic	Teaching Hours	Cognitive level	Pedagogy	Assessment/ Evaluation
I	**Ancient Economic Thought**					
	1.	Nature and Significance of Economic Thought – Approaches of Economic Thought –	5	K1(R)	Introductory session	Evaluation through short test
	2.	Hebrew Economic Thought –Greek Thought – Plato – Aristotle – Roman Thought.	6	K2(U)	Lecture using Chalk and talk	Evaluation through short test
II	**Mercantilism And Physiocracy**					
	1	Mercantilism–St. Thomas Aquinas – Decline of Mercantilism	4	K1(R)	Lecture using Chalk and talk	Explain
	2	Physiocracy – Thomas Munn – Quesnay -	4	K1(R)	Lecture using Chalk and talk	Explain
	3	Factor that gave rise to Physiocrats–Main ideas of Physiocrats	3	K3(A)	Group Discussion	Recall steps
III	**Classical And Neoclassical Economics**					
	1	The Classical School - Adam Smith – Division of Labour and Theory of Value	4	K1(R) & K2(U)	Lecture using Chalk and talk	Simple definitions, MCQ
	2	Ricardo Theory of Rent	6	K1(R),	Lecture	Differentiate

		– Comparative Cost Theory – Stationary State – Malthus Theory of Population and Theory of Gluts		K2(U)	using Chalk and talk	between various ideas
	3	J.B. Say's Law of Market - Alfred Marshall Contribution – Welfare Economics – A.C. Pigou	5	K1(R) & K2(U)	Lecture using Chalk and talk	Explain
IV	**Marxian, Keynesian And Modern Economics**					
	1	Karl Marx Contribution – Materialistic Interpretation of History – Class Struggle – Theory of Surplus Value	5	K1(R) & K2(U)	Group Discussion	Evaluation through short test
	2	Keynesian contributions– Theory of Employment	3	K4(An)	Mind mapping	Map knowledge
	3	Milton Friedman's contribution to Economics–Theory of Consumption & Stagflation	4	K2(U) & K3(A)	Lecture using videos	Check knowledge in specific or off beat situations
	4	Paul Samuelson's contribution to Economics	2	K2(U)	Lecture using Chalk and talk	Explain
V	**Indian Economic Thought**					
	1	Economic Ideas of Thiruvalluvar Ranade's views-Dadabhai Naroji's Economic ideas	4	K1(R), K2(U),	Lecture using Chalk and talk	Differentiate between various ideas
	2	Gohale's Ideas – M.K.Gandhi's Economic Ideas – Contribution of Dr. B.R. Ambedkar	4	K1(R), K2(U), K3(A) &K4 (An)	Lecture using Chalk and talk	Suggest idea/concept with examples
	3	Amartya Sen's contribution, Jagadish Bhagawati and T.N. Srinivasan's contribution – Manmohanomics	7	K1(R) & K2(U)	Lecture using Chalk and talk	Explain

Course Focusing on Employability/ Entrepreneurship/ Skill Development: Employability Activities (Me/ En/SD): Tutorial

Course Focusing on Cross Cutting Issues (Professional Ethics/ Human Values/Environment Sustainability/ Gender Equity): Professional Ethics
Activities related to Cross Cutting Issues: Writing intensive assignments
Assignment: Dr.Manmohan's Contributions to Indian Economic Thought
Seminar Topic: (if applicable)

Sample questions (minimum one question from each unit)

Part A
1. Universal application of economic laws in
      a. Deductive approach   b. Inductive Approach
      c. Conceptual approach   d. Chronological approach
2. Agricultural system is the other name of
      a. Physiocracy   b. Mercantilism
      c. Classical Economic view   c. Modern Economic view
3. Theory of population is associated with
      a. Malthus   b. Smith   c. Pigou   d. Keynes
4. Theory of 'Surplus Value' is associated with
      a. Malthus   b. Marshall   c. Marx   d. Mill
5. 'Drain Theory' is the contribution of
      a. Thiruvalluvar   b. Naoroji   c. Manmohan Singh   d. Ambedkar

Part B
1. Explain the significances of the study of History of Economic Thought'.
2. What are the reasons for the decline of Mercantilism?
3. Write a short note on, 'division of labour'
4. Explain the theory of 'surplus value'
5. Write about 'Drain Theory'.

Part C
1. Discuss the approaches of History of Economic Thought.
2. Describe the main ideas of physiocrats.
3. "Supply creates its own demand" – Criticize
4. Analyse the contributions of Keynes to economic thought
5. Discuss the contributions of A.K.Sen towards economic thought.

Head of the Department   Course Instructor
Dr.S.Jeni Sanjana   Dr.S.Panimaya Mercy

Department	:	Economics
Class	:	III B.A Economics
Title of the course	:	Major Core VII - Fiscal Economics
Semester	:	V
Course Code	:	FC2053

Course Code	L	T	P	Credits	Inst. Hours	Total Hours	Marks		
							CIA	External	Total
FC2053	4	-	-	4	4	60	25	75	100

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

Course Outcomes

Co. No	Course Outcomes	PSO addressed	CL
CO - 1	understand the principles of public finance	PSO – 5	K2(U)
CO -2	identify the concepts and kinds of public revenue, public debt, public expenditure	PSO - 5	K2(U)
CO – 3	analyze the theories of Public finance	PSO - 5	K4(An)
CO – 4	discuss the concept & procedure of budget	PSO – 5	K2(U)
CO – 5	explain the sources and problems of federal finance and local finance	PSO - 5	K5(Ev)

Total contact hours: 60 (Including lectures, assignments and test)

Unit	Module	Topics	Teaching Hours	Cognitive Level	Pedagogy	Assessment/ Evaluation
I	1	Meaning – Subject matter and Importance of public finance	3	K2(U)	Lecture, Presentation	Formative Assessment I CIA
	2	Private Finance – Subject matter and Importance of Private Finance	2	K2(U)	Lecture, Discussion	Quiz & Short test
	3	Differences between private finance and public finance – Major fiscal functions – Musgrave theory	3	K2(U)	Lecture with group discussion	Formative Assessment I CIA

II	4	Public revenue: Source, Canons of taxation - Theories of taxation – Benefit theory - Cost of service theory and ability to pay theory	2	K2(U)	Lecture, Discussion	Formative Assessment I CIA
	5	Incidence – factors affecting incidence of taxation – Impact and shifting of taxation	3	K2(U)	Lecture with group discussion	Formative Assessment I CIA
	6	Kinds of taxes – Direct and indirect, Progressive, Proportional and Regressive taxes– Merits and demerits	3	K2(U)	Lecture, Illustration	Formative Assessment I CIA
III	7	Meaning – Wagner's Law of public Expenditure- Canons of public expenditure– Reasons for the growth of public expenditure in India	2	K4(An)	Lecture, Discussion	Formative Assessment II CIA
	8	Recent Trends in Public Expenditure in India - Effects of public expenditure	2	K4(An)	Lecture with group discussion	Formative Assessment II CIA
	9	Budgetary Deficit – Fiscal Responsibility and Budget Management (FRBM)Act	4	K4(An)	Lecture, Illustration	Formative Assessment II CIA
IV	10	Meaning and Classification of Public debt - Effects of public debt - Causes for Government Borrowing	3	K2(U)	Lecture, Discussion	Formative Assessment II CIA
	11	Debt Redemption – Meaning –	3	K2(U)	Lecture, Discussion	Formative Assessment

		Methods of Debt Redemption–				II CIA
	12	Budget – Meaning – Types Budgetary Procedures and its Changes inIndia	2	K2(U)	Lecture, Discussion	Formative Assessment II CIA
V	13	Meaning and Objectives – Major recommendations of 15thFinance Commission	3	**K5(Ev)**	Lecture, Discussion	Formative Assessment III CIA
	14	Local Finance – Meaning - Functions - Sources-Problems of Local Finance in India.	3	**K5(Ev)**	Lecture with group discussion	Formative Assessment III CIA

Course Focusing on Employability/ Entrepreneurship/ Skill Development: Skill Development
Activities (Me/ En/SD): Group Discussion
Course Focusing on Cross Cutting Issues (Professional Ethics/ Human Values/Environment
Sustainability/ Gender Equity): Professional Ethics
Activities related to Cross Cutting Issues: Group Discussion
Assignment: Report on Finance Commission

Sample questions
Part A
1. _____ of the state is referred to as public revenue.
2. Tests of Maximum Social Advantage have been suggested by
   a) Pigou   b) Dalton   c) Musgrave   d) Adam Smith
3. The process of transferring the burden of the tax from one person to another is known as
   a) Impact   b) Incidence   c) Shifting   d) all the above
4. The Indian tax system is _____.
   a) Proportional   b) Progressive   c) Regressive   d) Digressive
5. Public expenditure refers to the expenditure incurred by the central, state and local governments to satisfy collective social wants.State True or False.

Part B
11. Describe the subject matters of public finance.
12. What is the importance of public finance?
13. Compare the Progressive and Regressive taxes.
14. Simplify the Canons of public expenditure.
15. Analyse the budgetary deficit.

Part C
11. Discuss the Musgrave theory.
12. Give a note on Fiscal Responsibility of Budget Management Act.
13. Analyse the Recent Trends in Public Expenditure in India.

4. Elaborate the allocation of fiscal resources between the centre and the states.
5. Explain the principles of federal finance.

Head of the Department: Dr. S. Jeni Sanjana   **Course Instructor:** Ms. J. Josephine Shiny

Department : **ECONOMICS**
Class : **III B.A Economics**
Title of the Course : **Core III-Tamil Nadu Economy**
Semester : **V**
Course Code : **FA2054**

Hours / week	Credits	Total Hours	Marks
5	**4**	**75**	**100**

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

Course Outcomes

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

Modules
Total contact hours: 75 (Including lectures, assignments and test)

Unit	Modules	Topics	Teaching hours	Cognitive level	Pedagogy	Assessment / Evaluation
I	**Basic Characteristics of Tamil Nadu**					
	1	Resource endowment: Land, Minerals, Forests and Monsoon	6	K2(**U**)	Lecture Discussion	Multiple choice question, Discussion
	2	Regional differences in Resource Endowment	2	K2(**U**)	Lecture PPT	Multiple choice question
	3	Population, Growth, Demographic, Trends	3	K2(**U**)	Lecture Presentation	Multiple choice question
	4	Human Development India Index	2	K2(**U**)	Lecture Discussion	Multiple choice question

	5	Gender Development Index	2	K2(**U**)	Lecture with illustration	Multiple choice question
II	**Performance of Tamil Nadu Economy**					
	1	Trends in State income, Structural growth in pre and post reform period	4	K2(**U**)	Lecture & Illustration	Multiple choice question
	2	Dynamism of the economy	2	K2(**U**)	Lecture & Discussion	Short Test
	3	State Planning Commission, Functions and Objectives	3	K2(**U**)	Lecture & Discussion	Short Test
	4	Targets and Achievements of Planning Commission	3	K2(**U**)	Lecture ,PPT	True or False ,Discussion
	5	Financing of plans: Revenue, expenditure, debt and Current year Budget	4	K2(**U**)	Discussion &Illustration	MCQ ,Explain
III	**Agricultural Sector**					
	1.	Land use pattern	1	K3(**An**)	Lecture & Presentation	Short Test
	2.	Sources of irrigation	1	K3(**An**)	Lecture	Short Test
	3.	Cropping pattern	2	K4(**An**)	Lecture & Discussion	Short Essays, Recall Step,
	4.	Productivity and yield of major crops	2	K3(**An**)	Lecture with illustration	True/False, MCQ
	5.	Agricultural marketing- Regulated Markets	4	K4(**An**)	Lecture	Explain, Simple definitions
	6.	Uzhavar Sandhai, Agricultural finance, Livestock	3	K3(**An**)	Lecture & Discussion	Questioning. MCQ

IV		**Industrial Sector**				
	1.	Trends and patterns in industrial growth	2	K2(U)	Lecture & Discussion	Multiple Choice Questions
	2.	State Industries Promotion Corporation of Tamil Nadu Ltd(SIPCOT)	3	K3(U)	Lecture & Discussion	MCQ,Concept with examples.
	3.	Industrial Estates, Industrial Corridors	3	K3(U)	Lecture & Discussion	Short Test, Concept Definitions.
	4.	KVIC and DIC, Special Economic Zones (SEZ) and Export Processing Zones (EPZ)	4	K2(U)	Lecture Discussion	Discussion
	5.	Labour Welfare measures	2	K2(U)	Lecture Illustration	Short Test, Debating
V		**Infrastructure**				
	1.	Transport: Road, State Highways and National Highways	3	K3(Ev)	Lecture Presentation	Short Test, Questioning
	2.	Rail, Air and Sea connectives	2	K3(Ev)	Lecture Discussion	Multiple choice question
	3.	Energy: Hydro, Thermal, Wind, Solar and Nuclear Power Infrastructure	3	K3(Ev)	Lecture & Discussion	Recall Steps
	4.	Social Infrastructure: Educational infrastructure Primary, Secondary and Higher Educational facilities	4	K3(Ev)	Lecture & Discussion	Short Essays, concept with examples.
	5.	Health Infrastructure: Public and Private Health Care facilities.	3	K3(Ev)	Lecture & Discussion	Longer Essay.

Course Focussing on Employability/ Entrepreneurship/ Skill Development: Employability
Activities (Em / En/SD): Seminar
Course Focussing on Cross Cutting Issues (Professional Ethics/ Human Values/Environment
Sustainability/ Gender Equity): Professional Ethics
Activities related to Cross Cutting Issues: Seminar
Assignment: Human Development Index
Seminar Topic: Major Minerals

Sample questions (minimum one question from each unit)
Part A
1._____ refers to the composition of population and related statistics in a particular society.
2.State Planning Commission (SPC) was established in _____
3.Regulated markets provide necessary infrastructure for both farmers and traders. State True/False.
4. District Industries Centre (DIC) established in _____
a) 1987   b) 1977   c) 1978   d) 1988
5.The Tamil Nadu Infrastructure Development Act was introduced in _____
Part B
6. Discuss the monsoon of Tamil Nadu.
7. Point out the functions of State Planning Commission.
8. Describe the cropping pattern in Tamil Nadu.
9. Discuss the objectives of industrial estates.
10. Evaluate the educational infrastructure in Tamil Nadu
Part C
11. Discuss the various minerals in Tamil Nadu.
12. Analyze the Tamil Nadu budget 2022-2023.
13. Explain the sources of irrigation in Tamil Nadu.
14. Discuss the evolution and growth of large industries in Tamil Nadu.
15. Evaluate the different types of energy resources in Tamil Nadu.

Head of the Department: Dr.S.Jeni Sanjana   Course Instructor: Dr. S. Vimal Dolli