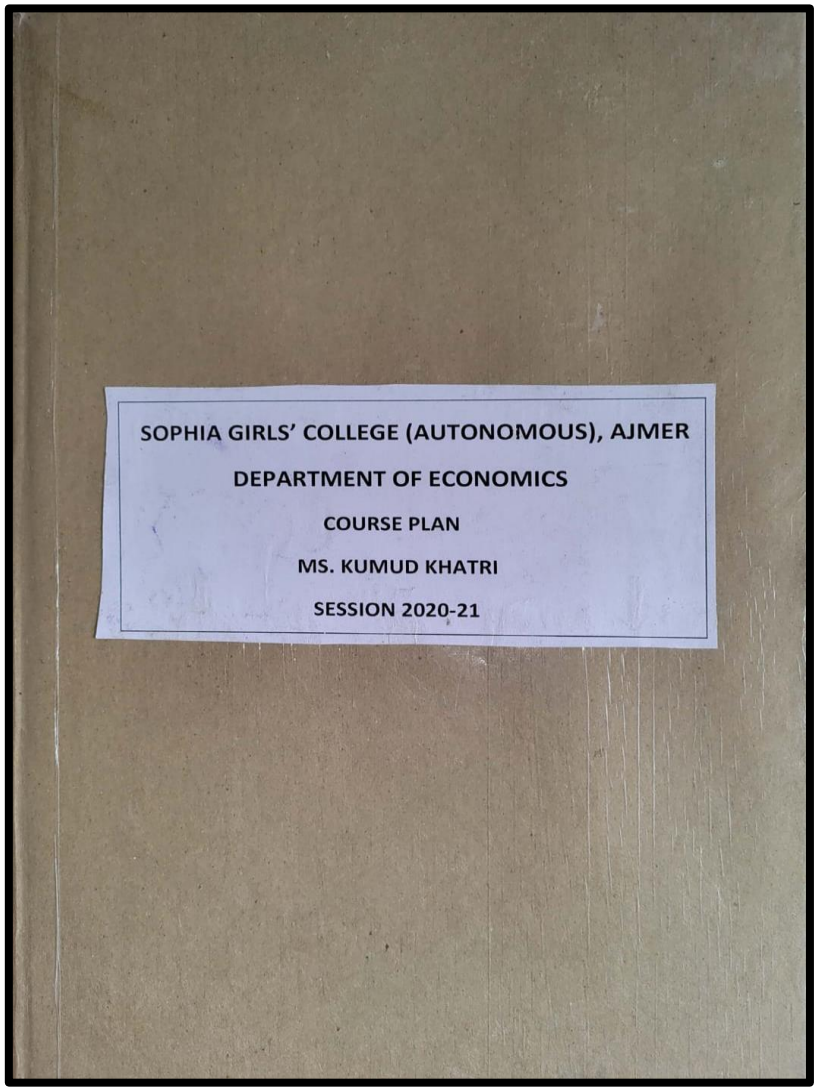
SOPHIA GIRLS' COLLEGE(AUTONOMOUS), AJMER



COURSE_PLAN_2020-21_MS_KUMUD_KHATRI

COURSE PLAN

U.G Programs

SOPHIA GIRLS' COLLEGE, AJMER (*AUTO*NOMOUS)

(2020-21)

SOPHIA GIRLS' COLLEGE, AJMER (*AUTO*NOMOUS)

B.A. I (SEMESTER I)

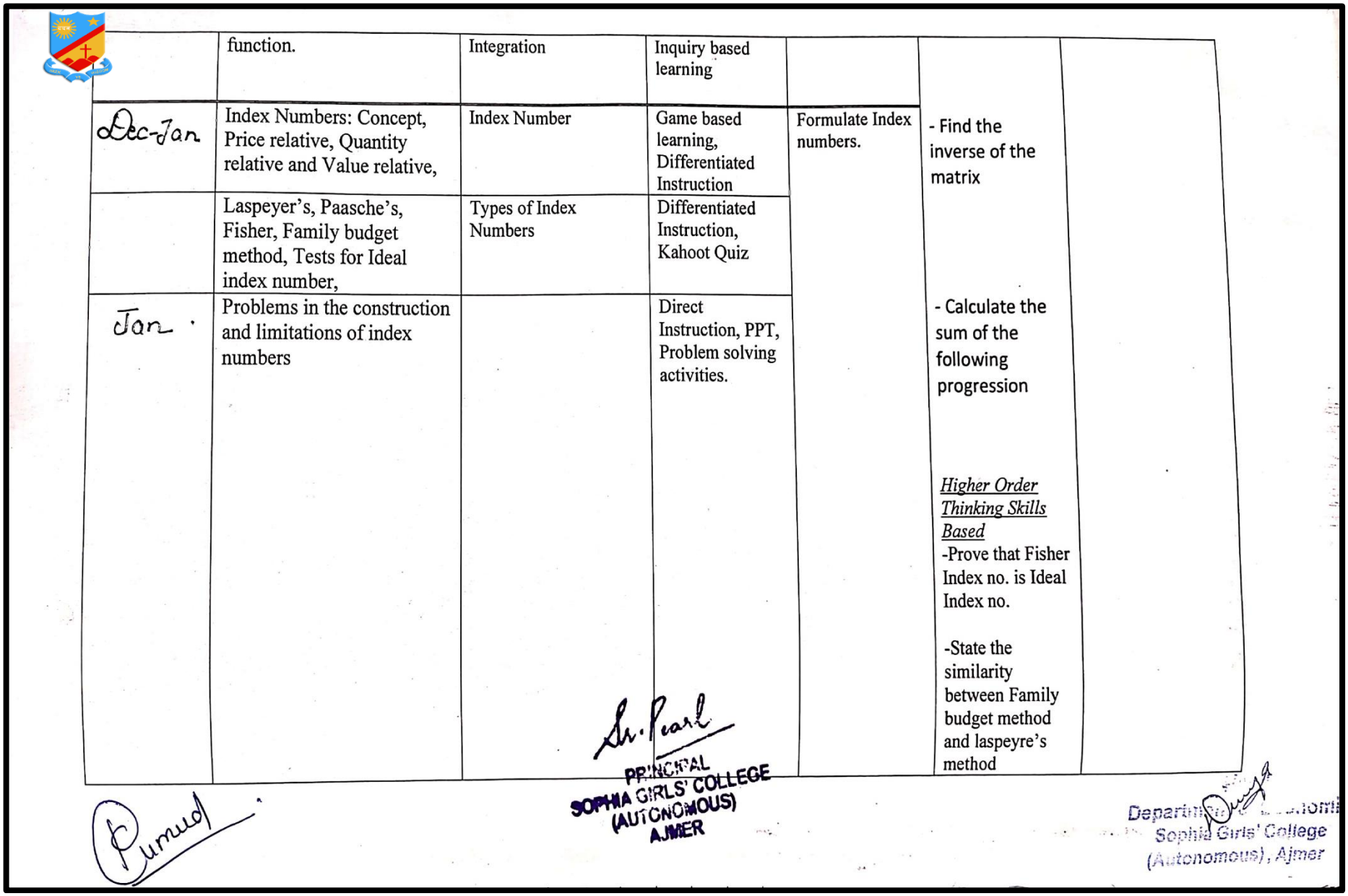
Quantitative Techniques (PAPER II) (ECO-102)

(QUANTITATIVE TECHNIQUES)

Max. Marks :75 (50Ext; 25 Int) Min. Marks: 30(20 Ext;10 Int) Credit: 03

COURSE PLAN

SEM I Month	UNIT/TOPIC	Concepts/facts	Teaching Pedagogy	Learning Outcomes	Questions	Marks Weightage (%)
SEM I August	Basic Concepts: Variables, Sets, Functions, Identities, Systems of equations,	Functions and equations	Video Lectures, PPT, Blended Learning	Interpret the basic concepts of quantitative techniques in economics	*Knowledge Based* -Define Set - Give an example of Identities - State the formula of Laspeyre's Index No. *Understanding Based* -Calculate Determinant of the following matrix	Knowledge--40 Understanding-50 Higher Order-10
Sept	Application of straight-line system, Slope of the line, Homogeneous function		Video Lectures, PPT, Peer-Group Discussion			
	Arithmetic and Geometric progression. Logarithm.	AP, GP and Logarithm	Video Lectures, PPT,			
Oct	Matrix and Determinants: Various types of Matrices, Determinants	Vector Algebra	Flipped Classroom, Game Based Learning,	Use the concepts of calculus in economics		
Oct	Inverse of a Matrix, Crammer's Rule.	Simultaneous equations	Direct Instruction, Game Based Learning			
Nov	Calculus- Differentiation of a function, Integration of a	Calculus, Differentiation,	Direct Instruction,			



	function.	Integration	Inquiry based learning			
Dec-Jan	Index Numbers: Concept, Price relative, Quantity relative and Value relative,	Index Number	Game based learning, Differentiated Instruction	Formulate Index numbers.	- Find the inverse of the matrix	
	Laspeyer's, Paasche's, Fisher, Family budget method, Tests for Ideal index number,	Types of Index Numbers	Differentiated Instruction, Kahoot Quiz			
Jan.	Problems in the construction and limitations of index numbers		Direct Instruction, PPT, Problem solving activities.		- Calculate the sum of the following progression *Higher Order Thinking Skills Based* -Prove that Fisher Index no. is Ideal Index no. -State the similarity between Family budget method and laspeyre's method	

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B.A. II (SEMESTER III)
Macroeconomics–I (PAPER I) (ECO-301)

(MACROECONOMICS)

Max. Marks :75 (50Ext; 25 Int)

Min. Marks: 30(20 Ext;10 Int)

Credit: 03

COURSE PLAN

SEM III Month	UNIT/TOPIC	Concepts/facts	Teaching Pedagogy	Learning Outcomes	Questions	Marks Weightage (%)
August	UNIT I Nature and scope of Macroeconomics; Fallacy of Composition	Macroeconomics, Paradox of Thrift	PPT, Demonstration, Quiz,	Understand the concept of National Income	*Knowledge Based* -Define Macroeconomics - Illustrate the nature and scope of Macroeconomics *Understanding Based* ------ -Distinguish between Demand Pull and Cost Push Inflation -Discuss the concept of Phillips curve?	Knowledge--60 Understanding-30 Higher Order-10
	National Income: Concept and measurement; National Income identities with four sectors;	Concepts of National income	Match the following, Kahoot Classes, Role play			
Sept.	Problems in measurement of National Income National Income and Welfare, Concept of Green accounting	-Actual Measurement of N.Y - Normative Measurement of N.Y	Flipped Classroom, Peer-Group Discussion			
Oct	UNIT II Demand for Money: Traditional version of	Various Theories of Demand for money	Diagrams, Models, Enquiry based			

	Quantity Theory of Money; Friedman's Quantity Theory of Money,		learning, Brainstorming and Group Discussion	Analyze the various monetary theories	*Higher Order Thinking Skills Based* - Appraise the concept of circular flow of income in four sector economy -Interpret MV=PT	
Nov.	Tobin's and Baumol's Analysis. Supply of Money: Money multiplier theory;	Money supply, High Powered Money and Money Multiplier	Direct Instruction, "Real-World" learning			
Dec.	Inflation: Causes, types, consequences and cures; Phillips curve hypothesis.	Types of Inflation, Inflation and Unemployment	Diagrams, Game based learning			
Jan	UNIT III The Classical model of determination of level of output and employment	Classical Views on Full employment	Video Lectures, Differentiated Instruction	Summarize the classical and Keynesian theory of output and employment.		
Jan.	Keynes' criticism against classical theory; Keynesian theory of Output, Employment and General Equilibrium	Keynesian Views on Full employment	PPT, Video Lectures, Differentiated Instruction			
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Dept. of Economics
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B.A. III (SEMESTER V)
INTERNATIONAL ECONOMICS (PAPER II) (ECO-502)

(INTERNATIONAL ECONOMICS)

Max. Marks :75 (50Ext; 25 Int)

Min. Marks: 30(20 Ext;10 Int)

Credit: 03

COURSE PLAN

SEM V Month	UNIT/TOPIC	Concepts/facts	Teaching Pedagogy	Learning Outcomes	Questions	Marks Weightage (%)
SEM I Aug	UNIT -I Importance of the study of International economics; Inter-regional and international trade; Reasons for international trade	Inter-regional trade and Inter-national trade. Reasons for International Trade	Diagrams, Models, Inquiry based learning,	Explain the importance of international economics through various theories.	*Knowledge Based* -What is increasing opportunity cost. -Name the two economists who derived Offer Curves.	Knowledge--60 Understanding-30 Higher Order-10
Sept	Theories of Absolute advantage, Comparative advantage Opportunity cost theory	Various theories of International trade. Types of opportunity Cost	"Real-World" learning, Game Based learning			
Sept.	Heckscher-Ohlin theory of trade: main features, assumptions and limitations.	Factor Endowment, Demand reversal, Factor Intensity reversal, Leontief Paradox	PPT, Video Lectures, Differentiated Instruction			
Oct	UNIT-II Gains from Trade: Their measurement and distribution; Trade as an engine of growth	Small and Large country gains from trade.	Flipped Classroom, Inquiry based learning	Evaluate terms of trade.	*Understanding Based* -Classify all the concepts of Terms of Trade	
	Concepts of Terms of Trade and their importance in the	Different Concepts of Terms of Trade.	Video Lectures, Kahoot classes			

	theory of trade					
Nov.	Doctrine of Reciprocal Demand: It's importance and limitations in the theory of trade.	Offer Curve Analysis	Direct Instruction, "Real-World" learning		-Distinguish between Inter-regional and International trade.	
Dec-Jan	UNIT-III Balance of Payments: Concepts and components	Current Account Capital Account	Diagrams, Enquiry based learning	Interpret the different concepts of Balance of Payments.	*Higher Order Thinking Skills Based* - Make use of Numerical Examples to explain Absolute Advantage theory of International Trade.	
	Disequilibrium in the Balance of payments: Causes and consequences.	BOP Surplus or Deficit	"Real-World" learning, Game based learning			
	The process of adjustment in the Balance of Payments under gold Standard and fixed exchange rate system.	Mint parity Theory and Pegged Exchange Rate.	Diagrams, Enquiry based learning			

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Eco. Hons. II (SEMESTER III)

International economics (PAPER II) (ECOH-302)

(INTERNATIONAL ECONOMICS)

Max. Mark :75 (50Ext; 25 Int) Min. Marks: 30(20 Ext;10 Int) Credit:04

COURSE PLAN

SEM III Month	UNIT/TOPIC	Concepts/facts	Teaching Pedagogy	Learning Outcomes	Questions	Marks Weightage (%)
Aug	UNIT-1 Theories of Absolute advantage, Comparative advantage	Various theories of International trade.	Diagrams, Models, Inquiry based learning,	Explain the importance of international economics through various theories.	*Knowledge Based* -What is increasing opportunity cost. -Name the two economists who derived Offer Curves. *Understanding Based* -Classify all the concepts of Terms of Trade -Distinguish	Knowledge-30 Understanding-50 Higher Order-20
Sept	Opportunity cost theory, Heckscher-Ohlin theory of trade: main features,	Types of opportunity Cost	"Real-World" learning, Game Based learning			
Oct	Heckscher-Ohlin theory of trade: assumptions and limitations; Factor Reversal, Demand reversal and Leontief Paradox.	Factor Endowment, Demand reversal, Factor Intensity reversal, Leontief Paradox	PPT, Video Lectures, Differentiated Instruction			
Nov	Factor Price Equalization Theorem	Factor Mobility	PPT, Video Lectures, Charts	Analyze the importance of factor mobility in International		
	Stopler-Samuelson Paradox, Rybcznski theorem	Abundant factor of production and increased output of the good using abundant factor intensively.	PPT, Video Lectures, Charts			

	Offer Curve Analysis.	Doctrine of Reciprocal Demand	"Real World" learning, Inquiry Based learning.	Trade.	between Inter-regional and International trade.	
Dec	Gains from Trade: Their measurement and distribution	Small and Large country gains from trade.	Flipped Classroom, Inquiry based learning	Evaluate terms of trade.	*Higher Order Thinking Skills Based* Make use of Numerical Examples to explain Absolute Advantage theory of International Trade.	
Jan	Concepts of Terms of Trade and their importance in the theory of trade	Different Concepts of Terms of Trade.	Video Lectures, Kahoot classes, Peer-Group Discussion			
Jan	Trade as an engine of growth, Immeserizing Growth	Benefits and loss of International Trade for developed and developing countries.	Direct Instruction, "Real-World" learning, Role-Plays		Illustrate the implication of the concept of Immeserizing growth for developing economies.	

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B.A. Eco. Hons. II (SEMESTER III)

Macroeconomics (PAPER IV) (ECOH-304)

(MACROECONOMICS)

Max. Mark :75 (50Ext; 25 Int)

Min. Marks: 30(20 Ext;10 Int)

Credit:04

COURSE PLAN

SEM III Month	UNIT/TOPIC	Concepts/facts	Teaching Pedagogy	Learning Outcomes	Questions	Marks Weightage (%)
August	Nature and scope of Macroeconomics; Fallacy of Composition, Macroeconomic Models	Macroeconomics, Paradox of Thrift, Keynesian Model, Classical Model.	PPT, Demonstration, Quiz,	Understand the concept of National Income	*Knowledge Based* -Define Macroeconomics - Illustrate the nature and scope of Macroeconomics *Understanding Based* -	Knowledge-30 Understanding-50 Higher Order-20
Sept.	National Income: Concept and measurement; National Income identities with four sectors;	Concepts of National income	Match the following, Kahoot Classes, Role play			
Sept.	Problems in measurement of National Income National Income and Welfare, Concept of Green accounting	-Actual Measurement of N.Y - Normative Measurement of N.Y	Flipped Classroom			

Oct	UNIT II Demand for Money: Traditional version of Quantity Theory of Money; Friedman's Quantity Theory of Money,	Various Theories of Demand for money	Diagrams, Models, Enquiry based learning	Analyze the various monetary theories.	------Distinguish between Demand Pull and Cost Push Inflation -Discuss the concept of Phillips curve? *Higher Order Thinking Skills Based* - Appraise the concept of circular flow of income in four sector economy -Interpret MV=PT	
Nov	Tobin's and Baumol's Analysis. Supply of Money: Money multiplier theory;	Money supply, High Powered Money and Money Multiplier	Direct Instruction, "Real-World" learning			
Dec	Inflation: Causes, types, consequences and cures; Phillips curve hypothesis.	Types of Inflation, Inflation and Unemployment	Diagrams, Game based learning			
Jan	UNIT III The Classical model of determination of level of output and employment	Classical Views on Full employment	Video Lectures, Differentiated Instruction	Summarize the classical and Keynesian theory of output and employment.		
Jan	Keynes' criticism against classical theory; Keynesian theory of Output, Employment and General Equilibrium	Keynesian Views on Full employment	PPT, Video Lectures, Differentiated Instruction			

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B.A. Eco. Hons. III (SEMESTER V)

Introduction to econometrics (PAPER II) (ECOH-503)

(INTRODUCTION TO ECONOMETRICS)

Max. Mark :75 (50Ext; 25 Int) Min. Marks: 30(20 Ext;10 Int) Credit:04

COURSE PLAN

SEM V Month	UNIT/TOPIC	Concepts/facts	Teaching Pedagogy	Learning Outcomes	Questions	Marks Weightage (%)
August	UNIT-I Definition, Scope, Goals and Divisions of Econometric.	Applied and theoretical distribution.	Inquiry based learning, Direct Lecture.	Understand the basic concepts of econometrics	*Knowledge Based* -Define Econometrics - Illustrate the scope and goals of Econometrics *Understanding Based* - -Distinguish between R^2 and adjusted R^2 -Discuss the concept of BEST estimator? *Higher Order Thinking Skills*	Knowledge-40 Understanding-50 Higher Order-10
September	Methodology of Econometric Research	Hypothesis formulation, Forecasting, etc.	Brainstorming on difference between statistics and econometrics.			
	Correlation theory. R^2 and Adjusted R^2.	Positive, negative and no correlation.	Chart, Demonstration, Peer-Group Discussion			
October	UNIT-II Linear Regression Model in two variables	b_0 and b_1 calculation.	Practise Test, Flipped Classroom	Construct the Linear Regression Model using OLS method.		
	Method of ordinary least squares (OLS),	Assumptions of error term.	Game Based Learning, Problem Solving			
November	Properties of BEST	Best Linear Unbiased	Direct Lectures,			

	estimator.	Estimator with min. variance.	PPT		*Based* - Discuss the nature, consequence, and remedial measures for solving the problem of multicollinearity .	
Nov.	UNIT-III Econometric Problems: Nature, consequences, detection and remedial measures of the problems of multicollinearity	Collinearity between two explanatory variables.	Group discussion, Inquiry Based Learning	Validate the Linear Regression Model.		
Dec	Econometric Problems: Nature, consequences, detection and remedial measures of the problems of heteroscedasticity	Variance of error term is not constant.	Group discussion, Inquiry Based Learning			
Jan	Econometric Problems: Nature, consequences, detection and remedial measures of the problems of autocorrelation.	Error terms of two different time periods are correlated.	Group discussion, Inquiry Based Learning, Problem Solving Classes			

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COURSE PLAN

U.G Programs

SOPHIA GIRLS' COLLEGE, (*AUTO*NOMOUS)AJMER

(2020-21)

SOPHIA GIRLS' COLLEGE, (*AUTO*NOMOUS)AJMER
B.A. I (SEMESTER II)
STATISTICAL METHOD FOR ECONOMICS (PAPER II) (ECO-202)

(STATISTICAL METHOD FOR ECONOMICS)

Max. Marks: 75 (50Ext; 25 Int) Min. Marks: 30(20 Ext; 10 Int) Credit: 03

COURSE PLAN

SEM II Month	UNIT/TOPIC	Concepts/facts	Teaching Pedagogy	Learning Outcomes	Questions	Marks Weightage (%)
SEM II March	Introduction to Statistics-Population, Sample, Parameter, Frequency distribution, Cumulative frequency; Graphical and Diagrammatic representation of data.	Statistics and related concepts.	Flipped classroom, PPT, Problem Solving Classes	Compute the central tendencies and measures of dispersion.	*Knowledge Based* -Define Parameter - What are seasonal variations - State the formula of Spearman's Rank correlation method *Understanding Based*	Knowledge--40 Understanding-50 Higher Order-10
	Techniques of data collection; Concepts and types of Sampling; Primary and Secondary data. Measures of Central Tendency: Mean Median, Mode, Geometric Mean and	Types and Techniques of Data Collection.	Video Lectures, PPT, Direct Instruction, Problem Solving Classes, Peer-Group teaching			

	Measures of Dispersion: Range, Mean Deviation, Standard Deviation, Coefficient of Variation, Quartile Deviation	Measures of Dispersion.	Video Lectures, PPT, Direct Instruction, Problem Solving Classes		-Calculate Mean, Mode and Median from the following data.	
April	Correlation: Simple, Coefficient of Correlation- Karl Pearson and Rank Correlation.	Correlation	Direct Instruction, Game Based Learning, Problem Solving Classes	Calculate the correlation and regression coefficients	- Describe the various methods of Statistical Sampling.	
	Partial and Multiple Correlation analysis	Correlation between more than two variables.	Direct Instruction, Game Based Learning, Problem Solving Classes			
May	Regression analysis: Estimation of regression line in a bivariate distribution (individual series), Least square method, and Interpretation of Regression coefficients.	Regression Techniques.	Direct Instruction, Inquiry based learning, Problem Solving Classes		Differentiate between Regression and Correlation.	
July	Time Series Analysis: Concept, Determination of regular, Trend and Seasonal indices.	Concept of Time Series.	Game based learning, Differentiated Instruction, Problem Solving Classes	Anticipate future trends and find the missing values	*Higher Order Thinking Skills Based* -Arithmetic Mean of two numbers is 15 and geometric mean of these two numbers is 9.Then find the	
	Interpolation: Newton's and	Interpolation Methods	Differentiated			

	Binomial methods		Instruction, Kahoot Quiz		numbers.	
			Direct Instruction, PPT, Problem Solving Classes		-State the similarity between Family budget method and lapser's method	

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B.A. II (SEMESTER IV) Macroeconomics–II (PAPER I) (ECO-401)

(MACROECONOMICS)

Max. Marks: 75 (50Ext; 25 Int) Min. Marks: 30(20 Ext; 10 Int) Credit: 03

COURSE PLAN

SEM IV Month	UNIT/TOPIC	Concepts/facts	Teaching Pedagogy	Learning Outcomes	Questions	Marks Weightage (%)
March	UNIT I Theories of consumption: Absolute, Relative, Permanent and Life-cycle hypothesis.	Theories of Consumption.	PPT, Demonstration, Quiz,	Illustrate the theories of consumption and its applicability	*Knowledge Based* -Define Multiplier - Explain the Permanent Theory of Consumption *Understanding Based* -Critically Analyze Keynes view on Trade cycle - Illustrate various methods used to control trade cycles. *Higher Order Thinking Skills Based* - Appraise the concept of Multiplier-Accelerator	Knowledge--60 Understanding-30 Higher Order-10
	Multiplier: Concept, operation, leakages and weaknesses; Multiplier analysis in four sector economy.	Concept of Multiplier	Match the following, Kahoot Classes, Role play			
April	Accelerator: Concept, operation and weaknesses; The Multiplier-Accelerator interaction.	Concept of Accelerator	Flipped Classroom			
	UNIT II Trade cycles: Nature and characteristics	Nature and Characteristics of Trade Cycle	Diagrams, Models, Enquiry based learning	Appraise the theories of trade cycle		
May	Keynes' view of trade cycle; Samuelson and Hicks' multiplier-accelerator model	Various theories of Trade cycle.	Direct Instruction, "Real-World"			

	of trade cycles.		learning		interaction.	
	Kaldor's trade cycle, Control of trade cycles. .	Control of Trade Cycle	Diagrams, Game based learning		-	
July	UNIT III Sources of growth; Classical Theories of growth: Adam Smith	Various theories of Growth and Development	Video Lectures, Differentiated Instruction	Summarize the growth theories.		
	Ricardo, Balanced growth, unbalanced growth.		PPT, Video Lectures, Differentiated Instruction			
	Lewis' Unlimited supply of labour					

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INTERNATIONAL ECONOMICS (PAPER II) (ECO-602)

(RAJASTHAN ECONOMICS)

Max. Marks: 75 (50Ext; 25 Int) Min. Marks: 30(20 Ext; 10 Int) Credit: 3

COURSE PLANS

SEM VI Month	UNIT/TOPIC	Concepts/facts	Teaching Pedagogy	Learning Outcomes	Questions	Marks Weightage (%)
SEM VI March	UNIT -I Position of Rajasthan in Indian economy: Population, Area, Industry and Infrastructure, Population: Size, Growth.	Position of Rajasthan in Indian Economy	Diagrams, Inquiry based learning, Discussing Current news		*Knowledge Based* -List the various crops grown in Rajasthan during Kharif and Rabi season. -Explain in brief characteristics of Rajasthan Tenancy Act, 1955. *Understanding*	Knowledge--60 Understanding-30 Higher Order-10
April	District wise distribution of rural and urban population, Occupational structure, Human Resource Development (Literacy, Health and Nutritional indicators).	-Population Distribution in Rajasthan - HRD in Rajasthan	Discussing current News, PPT, and Presentation from students.			
	Problems of Poverty & Unemployment. Natural Resource Endowments: Land, Water, Forests and Minerals.	Social, Economic and Environmental status of Rajasthan.	PPT, Video Lectures, Group Discussion.			

April	UNIT-II Agriculture: Land utilization, Major crops & cropping pattern.	Characteristics of Agriculture in Rajasthan.	Inquiry Based Learning, Presentation from students		*Based* -Illustrate the concept of Industrial development in Rajasthan during five-year plans. -Explain the importance of small-scale industries in Rajasthan.
	Land reforms: Rajasthan Tenancy Act, Ceiling on land and Distribution of land.	Land reforms.	PPT, Lectures		
May	Animal Husbandry: Importance of livestock, Dairy Development Program.	Livestock of Rajasthan	Discussing Current News, Presentation by Students		
July.	UNIT-III Industrial Development in Rajasthan: During five-year plans.	Industrial development in Rajasthan.	Enquiry based learning, PPT.		
	Regional variations, small scale industries, Handicrafts, Industrial policy.	Industrial policy of Rajasthan	Presentation from students, Group Discussion.		*Higher Order Thinking Skills Based* - Propose various methods that can be used to
	Role of RFC, RSMDC and RIICO. Tourism development in Rajasthan.	Tourism development in Rajasthan.	Videos, PPT, Peer-Group Discussion		

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Macroeconomics (PAPER IV)(ECOH-404)

(MACROECONOMICS)

Max. Mark: 75 (50Ext; 25 Int)

Min. Marks: 30(20 Ext; 10 Int)

Credit: 04

COURSE PLAN

SEM IV Month	UNIT/TOPIC	Concepts/facts	Teaching Pedagogy	Learning Outcomes	Questions	Marks Weightage (%)
SEM I March	Unit I Theories of consumption: Absolute, Relative, Permanent and Life-cycle hypothesis.	Macroeconomics, Paradox of Thrift, Keynesian Model, Classical Model.	PPT, Demonstration, Quiz, Team Building exercise	Illustrate the theories of consumption and its applicability	*Knowledge Based* -Define Macroeconomics - Illustrate the nature and scope of Macroeconomics *Understanding Based* - ------Distinguish between Demand Pull and Cost Push Inflation -Discuss the concept of Phillips curve?	Knowledge-30 Understanding-50 Higher Order-20
	Multiplier: Concept, operation, leakages and weaknesses; Multiplier analysis in 4 sector economy.	Concepts of National income	Match the following, Kahoot Classes, Role play			
April	Accelerator: Concept, operation and weaknesses; The Multiplier-Accelerator interaction.	-Actual Measurement of N.Y - Normative Measurement of N.Y	Flipped Classroom, Peer-Group Discussion, Inquiry based learning			
May	UNIT II Trade cycles: Nature and characteristics.	Various Theories of Demand for money	Diagrams, Models, Enquiry based learning	Appraise the theories of trade cycle		
	Keynes' view of trade cycle;	Money supply, High	Direct			

	Samuelson and Hicks' multiplier-accelerator model of trade cycles.	Powered Money and Money Multiplier	Instruction, "Real-World" learning		*Higher Order Thinking Skills Based* - Appraise the concept of circular flow of income in four sector economy -Interpret MV=PT	
May	Kaldor's View on Trade cycles; Control of trade cycles.	Types of Inflation, Inflation and Unemployment	Diagrams, Game based learning, Quizzes, Group Discussion			
July	UNIT III IS-LM curves: Derivation, Interaction of Money market and Product market.	Classical Views on Full employment	Flipped Classroom, Differentiated Instruction,	Assess the concept of interaction of money and product market through IS LM curves.		
	Relative effectiveness of Fiscal and Monetary policies.	Keynesian Views on Full employment	PPT, Video Lectures, Differentiated Instruction			

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Demography(PAPER III) ECOH-603 (A)

(DEMOGRAPHY)

Max. Mark: 75 (50Ext; 25 Int) Min. Marks: 30(20 Ext; 10 Int) Credit: 04

COURSE PLAN

SEM VI Month	UNIT/TOPIC	Concepts/facts	Teaching Pedagogy	Learning Outcomes	Questions	Marks Weightage (%)
SEM I March	UNIT-I Population and Development: Meaning and scope of demography, components ofpopulation growth and their interdependence	Applied and theoretical distribution.	Inquiry based learning, Direct Lecture.	Appraise the importance of population and its related theories in economic development.	*Knowledge Based* -Define Econometrics - Illustrate the scope and goals of Econometrics *Understanding Based* - -Distinguish between R^2 and adjusted R^2 -Discuss the concept of BEST estimator? *Higher Order Thinking Skills Based* - Discuss the nature, consequence,	Knowledge-40 Understanding-50 Higher Order-10
	Sources of population data; Theories ofpopulation – Malthus, Optimum theory of population.	Hypothesis formulation, Forecasting, etc.	Brainstorming on difference between statistics and econometrics.			
April	Theories of demographic transition, Population and Development.	Positive, negative and no correlation.	Chart, Demonstration.			
~~SEMPTEMBER~~ April	UNIT-II Structure of Population: Population trends since the twentieth century; Internationalaspects of	$b_0$and b_1 calculation.	Practise Test	Illustrate the quantitative and the qualitative		

	population growth and distribution.			aspects and characteristics of the population through various demographic .	and remedial measures for solving the problem of multicollinearity .	
May	Age and Sex structure in more developedand less developed countries; determinants of age and sex structure.	Assumptions of error term.	Game Based Learning, Problem Solving			
	Populationpyramids-individual aging and population aging; Population projection.	Best Linear Unbiased Estimator with min. variance.	Direct Lectures, PPT			
July	UNIT-III Fertility: Importance of the study of fertility-Total fertility rate, Gross reproduction rate and Net reproduction rate. Levels and trends in developed and developing countries.	Collinearity between two explanatory variables.	Group discussion, Inquiry Based Learning	Express views on the concept of Fertility and mortality		
	Factors affecting fertility. Mortality: Levels and trends in mortality in developed and developing countries; Mortality differences by age & sex, residence, occupation	Variance of error term is not constant.	Group discussion, Inquiry Based Learning			

	etc.					
	Foetal and Infant Mortality; Factors leading to decline in mortality in recent past; Life Tables: - constructionand uses.	Error terms of two different time periods are correlated.	Group discussion, Inquiry Based Learning			

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SEMESTER VI: (FIELD SURVEY/PROJECT) B.A. ECO HONS.III

SUPERVISION OF THE PROJECT.

JANUARY - SUBMISSION OF THE SYNOPSIS

MAY - PRE SUBMISSION AND PRESENTATION OF THE PROJECT REPORT

JULY - FINAL VIVA AND PRESENTATION OF THE PROJECT REPORT

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