SRI MEENAKSHI GOVERNMENT ARTS COLLEGE FOR WOMEN (AUTONOMOUS)

MADURAI-2

DEPARTMENT OF ECONOMICS

SYLLABI FOR POST GRADUATE PROGRAMME

(Under CBCS System – 2021-22)

M.A. ECONOMICS

Year of the commencement of Programmes

B.A ECONOMICS - 1966-67

M.A ECONOMICS- 1974-75

M.Phil ECONOMICS 2013-14

Vision:

- **To Uphold High Standards of Academic Performance**
- **To Enrich Students Employability**
- **To create Entrepreneurial Skills**

Mission:

- **Providing Quality Instruction to Students**
- **Specialising Through Project Work and Seminar**
- **Inculcating Creative Thinking Through Entrepreneurial Skills**

Eligibility for Admission (As per DCE regulations 2021-22)

1. **Bachelor Degree in Economics is required for the admissions of MA Economics**
2. **The admission shall be made purely on the basis of merit subject to the rule of reservation of the Government of India**

Programme Outcomes

1. **Application of Knowledge**: Apply the knowledge of the concepts, theories and principles in day to day, social and professional life and to develop a deep, broad diverse and interdisciplinary perspective and understanding.
2. **Problem Analysis**: identify, formulate and solve solutions to problems using the knowledge and experience.
3. **Social Responsibility**: Articulate and Apply values, principles, and ideals derived from the discipline to demonstrate awareness of current and societal challenges.
4. **Effective Citizenship**: demonstrate empathetic social concern and equity centered national development, and the ability to act with an informed awareness of issues and participate in civic life through volunteering.
5. **Development of Research Aptitude**: the search of knowledge through a systematic and scholarly application of scientific method to elicit facts.

Programme Specific Outcomes

1. Providing a rigorous training in theory, tools and methods for economic analysis, with special focus on issues of Indian economy
2. Critically analysing the current issues in the various spheres of economy and policy matters
3. Identifying analytical techniques used by Economists in different branches of Economies
4. Associating the relation between theoretical and empirical evidence
5. Acquiring skills necessary for conducting original economic research and participating effectively in project team

SRI MEENAKSHI GOVERNMENT ARTS COLLEGE FOR WOMEN, (AUTONOMOUS), MADURAI -2

DEPARTMENT OF ECONOMICS

PG SYLLABUS – CBCS

(For those who are admitted from June 2021 onwards)

Sem	Subject Code	Nature of the Paper	Title of the Paper	Hrs/ week	Exam hrs	Credits	Int marks	Ext marks	Total	Page No.
I	**EA1**	Core paper1	Advanced Micro Economics I	8	3	5	25	75	100	1
	EA2	Core paper 2	Advanced Macro Economics I	8	3	5	25	75	100	4
	EA3	Core paper3	Monetary Economics	8	3	5	25	75	100	7
	EEA	Elective1		6	3	5	25	75	100	41
		TOTAL		**30**		**20**			**400**	
II	**EB1**	Core paper 4	Advanced Micro Economics II	8	3	5	25	75	100	10
	EB2	Core paper 5	Advanced Macro Economics II	8	3	5	25	75	100	13
	EB3	Core paper 6	International Economics	8	3	5	25	75	100	16
	EEB	Elective 2		6	3	5	25	75	100	44
		TOTAL		**30**		**20**			**400**	
III	**EC1**	Core paper 7	Development Economics	6	3	5	25	75	100	19
	EC2	Core paper 8	Statistical Methods	6	3	5	25	75	100	22
	EC3	Core paper 9	Research Methodology	5	3	4	25	75	100	25
	EC4	Core paper 10	Environmental Economics	5	3	4	25	75	100	28
	EEC	Elective 3		6	3	5	25	75	100	47
	NMPE	Non-Major Elective	Globalization and Economic Reforms	2	3	2	25	75	100	66
		TOTAL		**30**		**25**			**600**	
IV	**ED1**	Core paper 11	Indian Economy	6	3	5	25	75	100	31
	ED2	Core paper 12	Public Economics	6	3	5	25	75	100	34
	ED3	Core paper 13	Basic Econometrics	6	3	5	25	75	100	37
	EPW	Core paper 14	Project Work	6	-	5	80(PR)	20(VV)	100	40
	EED	Elective 4		6	3	5	25	75	100	50
		TOTAL		**30**		**25**			**500**	
		GRAND TOTAL				**90**			**1900**	

ELECTIVES

1. AGRICULTURAL ECONOMICS
2. INDUSTRIAL ECONOMICS
3. HUMAN RESOURCE MANAGEMENT
4. COMPUTER APPLICATIONS IN ECONOMICS
5. QUANTITATIVE TECNIQUES IN ECONOMICS
6. MARKETING MANAGEMENT
7. GLOBALISATION AND ECONOMIC REFORMS
8. ECONOMICS OF INFRASTRUCTURE

MAPPING PATTERN

Mapping	1-20%	21-40%	41-60%	61-80%	81-100%
Scale	1	2	3	4	5
Relation	0.0-1.0	1.1-2.0	2.1-3.0	3.1-4.0	4.1-5.0
Quality	Very Poor	Poor	Moderate	High	Very High

DEGREE: M.A. Economics **CLASS : First year**
SEMESTER: I **CREDITS : 05**
SUBJECT CODE: EA1 **HOURS : 120**

CORE: ADVANCED MICRO ECONOMICS – I

Pedagogy	Hours P/W	Lecture	ICT	PPT	PT/GD
	8	6	√	1	1

Preamble:

1. To enable the students to understand the principles of Economics and to obtain economic reasoning.
2. To understand the behavior of an economic agent namely a consumer, a producer, a factor owner and the price fluctuation in a market.

Course Outcomes At the end of the semester, the students will be able to	Unit	Hrs P/S
CO1: describe the methods and Nature of Economic laws and the concept of Equilibrium	I	24
CO2: **e**xamine the different theories of consumer behavior	II	24
CO3: analyse the theory of production function and scale of production under Traditional Approach	III	24
CO4: explain the properties of ISO – Quants and the theory of production under Modern Approach	IV	24
CO5: understand the concept of welfare in terms of Pareto optimality and theory of New Welfare Economics	V	24

DEGREE: M.A. Economics	**CLASS : First year**
SEMESTER: I	**CREDITS : 05**
SUBJECT CODE: EA1	**HOURS : 120**

CORE: ADVANCED MICRO ECONOMICS – I

Unit I: Methodological Issues in Economics

Nature of Economics – Positive or Normative Science – Assumptions of Economics - Role of Assumptions in Economics – Merits and Demerits of Deductive and Inductive Method - Economic Models – Meaning – Concepts - Uses and Limitations - The Concept of Equilibrium – Static and Dynamic Equilibrium - Stable and Unstable Equilibrium, Neutral Equilibrium - Partial Equilibrium and General Equilibrium.

Unit II: Theories of Consumer Behaviour

Law of Diminishing Marginal Utility – Indifference curve analysis – Properties of Indifference Curve – Price, Income and Substitution effects – Slutsky Theorem – Revealed Preference Theory of Demand – Neumann Morgenstern Utility Analysis – Friedman Savage Hypothesis – Markowitz Hypothesis – Hick's Revision of Demand Theory.

Unit III: Production Function (Traditional Approach)

The Production Function – Law of Variable Proportions – Causes of the Operation of Law – Importance - Law of Returns to Scale – Economies of Scale - Internal and External Economies – Diseconomies of Scale – Internal and External Diseconomies.

Unit IV: Production Function (Modern Approach)

Isoquant – Meaning and Properties – Isocost Curves – Least Combination of Factors – Cost Minimisation for a given output – Output Maximisation for a given Cost – Production Function of a Multi Product Firm.

UnitV: Welfare Economics

Meaning and Objective of Welfare Economics – Paretian Welfare Economics – Meaning – Assumptions – Pareto Optimality Criteria - Compensation Principle – Meaning – Assumptions – Kaldor Hicks Compensation Criterion - Social Welfare Function – Arrow's Impossibility Theorem – Theory of the Second Best.

TEXT BOOK:

1. Maria John Kennedy M., Advanced Micro Economic Theory, Himalaya Publishing House, New Delhi.

RECOMMENDED BOOKS:

1. Ahuja H.L., Principles of Micro Economics, S.Chand & Co. Ltd., New Delhi.
2. Baumol W.J., Economic Theory and Operations Analysis, Prentice Hall of India, New Delhi.
3. Jhingan M.L., Modern Micro Economics, Vrinda Publications (P) Ltd., New Delhi.
4. Verma K.N., Micro Economic Theory, Vishal Publishing Company Ltd, New Delhi.

Course Contents and Lecture Schedule

Units	Topics	Hours	Mode of Teaching
Unit I: Methodological Issues in Economics			
	Nature of Economics – Positive or Normative Science – Assumptions of Economics - Role of Assumptions in Economics	6	Lecture
	Merits and Demerits of Deductive and Inductive Method	6	PPT
	Economic Models – Meaning – Concepts - Uses and Limitations	4	Lecture
	The Concept of Equilibrium – Static and Dynamic Equilibrium - Stable and Unstable Equilibrium, Neutral Equilibrium- Partial Equilibrium and General Equilibrium	8	Lecture &GD
Unit II: Theories of Consumer Behaviour			
	Law of Diminishing Marginal Utility – Indifference curve analysis – Properties of Indifference Curve – Price, Income and Substitution effects	8	Lecture& ICT
	Slutsky Theorem – Revealed Preference Theory of Demand – Neumann Morgenstern Utility Analysis	8	Lecture& GD
	Friedman Savage Hypothesis – Markowitz Hypothesis – Hick's Revision of Demand Theory	8	Lecture
Unit III: Production Function (Traditional Approach)			
	The Production Function – Law of Variable Proportions – Causes of the Operation of Law – Importance - Law of Returns to Scale	8	Lecture
	Economies of Scale	8	Lecture& GD
	Internal and External Economies – Diseconomies of Scale – Internal and External Diseconomies	8	Lecture & GD
Unit IV: Production Function (Modern Approach)			
	Isoquant – Meaning and Properties – Isocost Curves	8	Lecture & PPT
	Least Combination of Factors – Cost Minimisation for a given output – Output Maximisation for a given Cost	8	Lecture
	Production Function of a Multi Product Firm	8	Lecture & GD
Unit V: Welfare Economics			
	Meaning and Objective of Welfare Economics – Paretian Welfare Economics – Meaning – Assumptions – Pareto Optimality Criteria	6	Lecture & GD
	Compensation Principle – Meaning – Assumptions – Kaldor Hicks Compensation Criterion	8	Lecture
	Social Welfare Function – Arrow's Impossibility Theorem – Theory of the Second Best	10	Lecture & GD

Course Outcomes Cos	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Scores of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	4	4	4	3	4	4	4	4	4	3	3.8
CO2	4	3	4	3	3	4	3	4	4	4	3.6
CO3	4	4	4	4	3	4	4	4	3	3	3.7
CO4	4	4	4	3	3	4	4	4	3	4	3.7
CO5	4	4	4	4	4	4	4	4	4	3	3.9
Mean Overall Score											3.74

Result: the Score for this Course is 3.74 (High Relation) Course Designer: Dr. P. MAHESWARI

DEGREE : M.A. Economics **CLASS : First year**
SEMESTER : I **CREDITS : 05**
SUBJECT CODE: EA2 **HOURS : 120**

CORE: ADVANCED MACRO ECONOMICS – I

Pedagogy	Hours P/W	Lecture	ICT	PPT	GD
	8	6	√	1	1

Preamble:

1. To understand the behavior of aggregate variables related to macroeconomic policy.
2. To make the students aware of the basic theoretical framework underlying the field of macro economics.

Course Outcomes At the end of the semester, the students will be able to	Unit	Hrs P/S
CO1: discuss the Concepts and Nature of Macro Economics	I	20
CO2: describe the Concepts and Estimate the National Income	II	24
CO3: summarize the Basic Theoretical Aspects of Macro Economics	III	26
CO4: describe the Important Variables and underlying Theories of Macro Economics	IV	26
CO5: understand the Theoretical Aspects and Estimate the Effects of Investment on the whole economy	V	24

DEGREE : M.A. Economics **CLASS : First year**
SEMESTER : I **CREDITS : 05**
SUBJECT CODE: EA2 **HOURS : 120**

CORE: ADVANCED MACRO ECONOMICS – I

Unit I: Nature and Scope of Macro Economics

Nature –Scope – Importance and Limitations of Macro Economics – Stock and Flow Relationship – Macro Economic Statics and Dynamics.

Unit II: National Income and Social Accounting

National Income – Concepts of National Income – Methods of Calculation of National Income - Difficulties in the Calculation of National Income – Social Accounting – Main Features – Types – Importance and Difficulties of Social Accounting – Economic Welfare and National Income.

Unit III: Classical and Keynesian Theory of Employment

Classical Theory of Employment – Criticisms of Classical Theory – Say's Law of Market – Keynes Theory of Employment – Principles of Effective Demand – Aggregate Demand Function – Aggregate Supply Function – Underemployment Equilibrium.

Unit IV: Consumption Function and Investment Function

Consumption Function – Average Propensity to Consume - Marginal Propensity to Consume – Factors Determining Consumption Function and Saving Function – Theories of Consumption Function – Absolute Income Hypothesis – Relative Income Hypothesis – Permanent Income Hypothesis – Life Cycle Hypothesis.

Unit V: The Concept of Multiplier and Accelerator

Theory of Multiplier – Leakages and Importance of Multiplier – Balanced Budget Multiplier - The Acceleration Principle – Super Multiplier.

TEXT BOOK:

1. S.Sankaran, Macro Economics, Margham Publications, Chennai.

RECOMMENDED BOOKS:

1. Jhingan M.L., Macro Economic Theory, Vrinda Publications (P) Ltd., New Delhi.
2. Maria John Kennedy M., Macro Economic Theory, PHI Learning Pvt Ltd, New Delhi
3. Mithani D.M., A Text book of Macro Economics, Himalaya Publishing House, Mumbai.
4. Shapiro E., Macro Economic Analysis, Galgotia Publications, New Delhi.

Course Contents and Lecture Schedule

Units	Topics	Hours	Mode of Teaching
Unit I: Nature and Scope of Macro Economics			
	Nature –Scope of Macro Economics	5	Lecture
	Importance and Limitations of Macro Economics	5	Lecture
	Stock and Flow Relationship	5	Lecture
	Macro Economic Statics and Dynamics	5	Lecture
Unit II: National Income and Social Accounting			
	National Income – Concepts of National Income	4	Lecture & ICT
	Methods of Calculation of National Income	4	Lecture
	Difficulties in the Calculation of National Income	4	Lecture
	Social Accounting – Main Features – Types	4	Lecture
	Importance and Difficulties of Social Accounting	4	Lecture
	Economic Welfare and National Income	4	Lecture & GD
Unit III: Classical and Keynesian Theory of Employment			
	Classical Theory of Employment – Criticisms of Classical Theory – Say's Law of Market	10	Lecture
	Keynes Theory of Employment – Principles of Effective Demand – Aggregate Demand Function – Aggregate Supply Function	10	Lecture
	Underemployment Equilibrium	6	Lecture
Unit IV: Consumption Function and Investment Function			
	Consumption Function – Average Propensity to Consume - Marginal Propensity to Consume	8	Lecture
	Factors Determining Consumption Function and Saving Function	6	Lecture
	Theories of Consumption Function – Absolute Income Hypothesis – Relative Income Hypothesis	6	Lecture
	Permanent Income Hypothesis – Life Cycle Hypothesis	6	Lecture
Unit V: The Concept of Multiplier and Accelerator			
	Theory of Multiplier	6	Lecture & PPT
	Leakages and Importance of Multiplier	4	Lecture
	Balanced Budget Multiplier	4	Lecture
	The Acceleration Principle	6	Lecture
	Super Multiplier	4	Lecture

Course Outcomes Cos	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Scores of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	3	3	3	4	3	3	3	3	3	3	3.1
CO2	4	4	4	4	3	3	4	3	4	3	3.6
CO3	4	3	4	3	3	3	4	3	4	3	3.4
CO4	4	3	3	3	3	3	4	3	4	3	3.3
CO5	4	3	3	4	3	3	3	3	4	3	3.3
Mean Overall Score											3.34

Result: the Score for this Course is 3.34 (High Relation) Course Designer: Mrs. P. SORNAM

DEGREE : M.A. Economics **CLASS : First year**
SEMESTER : I **CREDITS : 05**
SUBJECT CODE: EA3 **HOURS : 120**

CORE: MONETARY ECONOMICS

Pedagogy	Hours P/W	Lecture	ICT	PPT	GD
	8	6	√	1	1

Preamble:

1. To understand the operations of money and banking and their interaction with the rest of the economy.
2. To acquaint the student fully with the changing role of financial institutions.

Course Outcomes At the end of the semester, the students will be able to	Unit	Hrs P/S
CO1: define the concept of Money and Monetary theories, distinguish between Cash transaction Approach, Cash Balance Approach.	I	24
CO2: analyse the Demand for Money, Supply of Money and its determinants.	II	24
CO3: **e**xplain the Meaning of Commercial Bank, its functions and NBFI.	III	24
CO4: describe the Capital Market, Money Market and differentiate between Money Market, Capital Market.	IV	24
CO5: assess the Central Bank and Its functions and analyse the role of Monetary Policy in developing economy.	V	24

DEGREE : M.A. Economics **CLASS : First year**
SEMESTER : I **CREDITS : 05**
SUBJECT CODE: EA3 **HOURS : 120**

CORE: MONETARY ECONOMICS

Unit I: Money and Monetary Theories

Definition – Functions – Significance – Fisher's Quantity Theory of Money – Cambridge Equations- a) Robertson b) Pigou c) Marshall d) Keynes – Similarities and Dissimilarities between Cash Transaction Approach and Cash Balance Approach- Keynes Quantity Theory of Money – Milton Friedman's Restatement Theory - Don Patinkin's Approach – Gurley-Shaw Thesis.

Unit II: Demand and Supply of Money

Demand for Money: Classical – New Classical Demand for Money - Keynesian view- Supply of Money: Sources of Money Supply – Determinants of Money Supply – High Powered Money.

Unit III: Commercial Banking and NBFI

Commercial banking: Functions – Structure- a) Unit Banking b) Branch Banking – Balance Sheet of a Commercial Bank – Objectives of Portfolio Management – Role of Commercial Banks in Economic Development – Concept of Credit Creation – NBFI: Meaning – Role of NBFI – Similarities and Dissimilarities between Commercial Banks and NBFI.

UnitIV: Money and Capital Market

Money market: Features – Importance – Institutions of Money Market – Structure, Characteristics and Defects of Indian Money Market - Capital Market: Importance _ Institutions of Capital Market – Difference between Money Market and Capital Market – Indian Capital Market.

UnitV: Central Banking and Monetary Policy

Central banking: Functions – Objectives and Instruments of Credit Control – Role of Central bank in a Developing Economy - Monetary Policy: Objectives – Instruments - Lags – Role of Monetary Policy in a Developing Economy – Demonetisation.

TEXT BOOK:

1. Jhingan M.L., Monetary Economics, Vrindha Publications (P) Ltd., Delhi.

RECOMMENDED BOOKS:

1. Seth M.L., Monetary Economics, Lakshmi Narain Agarwal Educational Publishers, Agra.
2. Cauvery R., N.kiruparani, U.K.Sudhanayak, A.Manimekalai, Monetary Economics, S.Chand & Company Ltd., New Delhi
3. Sankaran S., Monetary Economics, Margham Publications, Chennai.
4. Gupta S.B., Monetary Economics, S.Chand & Company, New Delhi.

Course Contents and Lecture Schedule

Units	Topics	Hours	Mode of Teaching
Unit I: Money and Monetary Theories			
	Definition – Functions – Significance	4	Lecture & ICT
	Fisher's Quantity Theory of Money – Cambridge Equations a) Robertson b) Pigou c) Marshall d) Keynes	4	Lecture & PPT
	Similarities and Dissimilarities between Cash Transaction Approach and Cash Balance Approach	4	Lecture & GD
	Keynes Quantity Theory of Money	4	Lecture & PPT
	Milton Friedman's Restatement Theory	4	Lecture & GD
	Don Patinkin's Approach – Gurley-Shaw Thesis	4	Lecture & PPT
Unit II: Demand and Supply of Money			
	Demand for Money: Classical – New Classical Demand for Money	8	Lecture & GD
	Keynesian view-Supply of Money: Sources of Money supply	8	Lecture
	Determinants of Money Supply – High Powered Money	8	Lecture
Unit III: Commercial Banking and NBFI			
	Commercial banking: Functions – Structure- a) Unit Banking b) Branch Banking	8	Lecture
	Balance Sheet of a Commercial Bank – Objectives of Portfolio Management – Role of Commercial Banks in Economic Development	8	Lecture & PPT
	Concept of Credit Creation – NBFI: Meaning – Role of NBFI – Similarities and Dissimilarities between Commercial Banks and NBFI	8	Lecture & GD
Unit IV: Money and Capital Market			
	Money market: Features – Importance – Institutions of Money Market – Structure	8	Lecture
	Characteristics and Defects of Indian Money Market - Capital Market: Importance _ Institutions of Capital Market	8	Lecture & PPT
	Difference between Money Market and Capital Market – Indian Capital Market	8	Lecture & GD
Unit V: Central Banking and Monetary Policy			
	Central banking: Functions – Objectives and Instruments of Credit Control	6	Lecture
	Role of Central bank in a Developing Economy	6	Lecture & PPT
	Monetary Policy: Objectives – Instruments - Lags	6	Lecture & GD
	Role of Monetary Policy in a Developing Economy – Demonetisation	6	Lecture & GD

Course Outcomes Cos	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Scores of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	4	4	4	3	3	4	3	3	3	3	3.4
CO2	4	4	3	3	3	4	4	3	3	3	3.4
CO3	4	3	4	3	3	4	4	3	3	3	3.4
CO4	4	4	3	4	3	4	4	3	3	3	3.5
CO5	4	4	3	3	3	4	4	3	3	3	3.4
Mean Overall Score											3.42

Result: the Score for this Course is 3.42 (High Relation) Course Designer: Dr.M.ARUNA

DEGREE : M.A. Economics **CLASS : First year**
SEMESTER : II **CREDITS : 05**
SUBJECT CODE: EB1 **HOURS : 120**

CORE: ADVANCED MICRO ECONOMICS – II

Pedagogy	Hours P/W	Lecture	ICT	PPT	GD
	8	6	√	1	1

Preamble:

1. To understand systematic facts and latest theoretical developments for empirical analysis.
2. To equip the students with the knowledge to handle tools of price theory in economic analysis.

Course Outcomes At the end of the semester, the students will be able to	Unit	Hrs P/S
CO1: discuss the features and price output determination of perfect competition and monopoly	I	24
CO2: examine the Price output determination of monopolistic competition	II	24
CO3: describe the different models of duopoly and oligopoly	III	24
CO4: analyse the different neo-classical price theory	IV	24
CO5: analyse the theory of factor pricing and product Exhaustion theorem	V	24

DEGREE : M.A. Economics	**CLASS : First year**
SEMESTER : II	**CREDITS : 05**
SUBJECT CODE: EB1	**HOURS : 120**

CORE: ADVANCED MICRO ECONOMICS – II

Unit I: Market Structure

Meaning – Perfect Competition – Features – Determination of Price and Output - Monopoly – Types – Determination of Price – Price Discrimination – Types of Price Discrimination - Pricing under Discriminating Monopoly - Dumping.

Unit II: Monopolistic Competition

Features – Price Determination – Group equilibrium in the Long Period – Defects of Monopolistic Competition – Pricing under Monopsony - Bilateral Monopoly.

Unit III: Duopoly and Oligopoly

Duopoly: Features – Cournot Model - Bertrand Model - Chamberlin Model – Oligopoly: Meaning – Features – Price Determination under Sweezy Model of Kinked Demand Curve - Cartels (Collusive and Non-Collusive) – Low Cost and Dominant Model of Price Leadership.

Unit IV: Neo-Classical Price Theory

Theory of Full Cost Pricing – Williamson's Managerial Discretion Model - Baumol's Sales Maximization Model - Bain's Limit Pricing Theory.

UnitV: Theories of Distribution

Ricardian Theory - Marginal Productivity Theory – Euler's Theorem – Clark's Production Exhaustion Theorem.

TEXT BOOK:

1. Jhingan M.L, Advanced EconomicTheory, Vrinda Publications (P) Ltd., New Delhi.

RECOMMENDED BOOKS:

1. Ahuja H.L., Principles of Micro Economics, S.Chand & Co. Ltd., New Delhi.
2. Baumol W.J., Economic Theory and Operations Analysis, Prentice Hall of India, New Delhi.
3. Verma K.N., Micro Economic Theory, Vishal Publishing Company Ltd, New Delhi
4. Maria John Kennedy M., Advanced Micro Economic Theory, Himalaya Publishing House, New Delhi.

Course Contents and Lecture Schedule

Units	Topics	Hours	Mode of Teaching
Unit I: Market Structure			
	Meaning – Perfect Competition – Features – Determination of Price and Output	8	Lecture
	Monopoly – Types – Determination of Price	8	Lecture & GD
	Price Discrimination – Types of Price Discrimination - Pricing under Discriminating Monopoly - Dumping	8	Lecture & ICT
Unit II: Monopolistic Competition			
	Monopolistic Competition -Features – Price Determination	8	Lecture & PPT
	Group equilibrium in the Long Period – Defects of Monopolistic Competition	8	Lecture
	Pricing under Monopsony - Bilateral Monopoly	8	Lecture & GD
Unit III: Duopoly and Oligopoly			
	Duopoly: Features – Cournot Model - Bertrand Model - Chamberlin Model	12	Lecture & GD
	Oligopoly: Meaning – Features – Price Determination under Sweezy Model of Kinked Demand Curve	6	Lecture & GD
	Low Cost and Dominant Model of Price Leadership	6	Lecture
Unit IV: Neo-Classical Price Theory			
	Theory of Full Cost Pricing – Williamson's Managerial Discretion Model	8	Lecture
	Baumol's Sales Maximization Model	8	Lecture & PPT
	Bain's Limit Pricing Theory	8	Lecture & PPT
Unit V: Theories of Distribution			
	Ricardian Theory - Marginal Productivity Theory	12	Lecture & GD
	Euler's Theorem – Clark's Production Exhaustion Theorem	12	Lecture

Course Outcomes Cos	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Scores of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	4	3	3	4	3	4	3	4	4	3	3.5
CO2	4	4	3	3	3	4	3	4	3	3	3.4
CO3	4	4	4	3	4	4	4	4	3	4	3.8
CO4	4	4	4	4	3	3	3	4	3	3	3.5
CO5	4	4	3	4	3	4	4	3	4	3	3.6
Mean Overall Score											3.56

Result: the Score for this Course is 3.56 (High Relation) Course Designer: Dr. P. MAHESWARI

DEGREE : M.A. Economics **CLASS : First year**
SEMESTER : II **CREDITS : 05**
SUBJECT CODE: EB2 **HOURS : 120**

CORE: ADVANCED MACRO ECONOMICS – II

Pedagogy	Hours P/W	Lecture	ICT	PPT	GD
	8	6	√	1	1

Preamble:

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

Course Outcomes At the end of the semester, the students will be able to	Unit	Hrs P/S
CO1: discuss the theoretical aspects and analyse the causes for Business Cycle in the Economy.	I	24
CO2: summarize the importance of rate of interest demand for money, supply of money, saving and investment in changing income in the economy.	II	24
CO3: analyse the nature of inflation existing in the economy.	III	24
CO4: compare the effectiveness of Monetarism and Keynesianism	IV	24
CO5: understand the difficulties in achieving Macro Economic Policy objectives at a time.	V	24

DEGREE : M.A. Economics **CLASS : First year**
SEMESTER : II **CREDITS : 05**
SUBJECT CODE: EB2 **HOURS : 120**

CORE: ADVANCED MACRO ECONOMICS – II

Unit I: Business Cycle

Meaning - Characteristics - Phases of Business Cycle – Theories of Business Cycle: Hawtrey – Schumpeter –Keynes –Hicks – Kaldor- Measures to Control Trade Cycle.

Unit II: IS-LM Curve Model

Goods Market and Money Market – Goods Market Equilibrium – Derivation of the IS Curve – Shift in the IS Curve – Money Market Equilibrium – Derivation of LM Curve – Shift in the LM Curve – Simultaneous Equilibrium in the Goods and Money Market - IS-LM Elasticities – Classical Range – Intermediate Range – Keynesian Range.

Unit III: Inflation

Meaning – Causes – Types of Inflation - Demand- Pull Inflation: Friedman's View and Keynes' View – Cost-Push Inflation – Structuralist Inflation – Sectoral Inflation – Markup Inflation – Open and Suppressed Inflation – Hyper Inflation – Effects of Inflation – Measures to Control Inflation.

Unit IV: Recent Development in Macro Economics

Monetarism – Major Monetarist Propositions - Keynesianism Vs Monetarism – Supply Side Economics: Basic Propositions – Rational Expectation Hypothesis.

Unit V: Macro Economic Policy

Objectives – Conflicts or Trade-off in Policy Objectives – Meaning and Causes of Stagflation – Philips Curve – Long run Philips Curve.

TEXT BOOK:

1. Jhingan M.L., Macro Economic Theory, Vrinda Publications (P) Ltd, New Delhi.

RECOMMENDED BOOKS:

1. Ahuja H.L., Macro Economic Theory and Policy, S.Chand & Company, New Delhi.
2. Maria John Kennedy M., Macro Economics, PHI . New Delhi.
3. Seth M.L., Macro Economics, Lakshmi Narain Agarwal, Agra.
4. Sankaran S., Macro Economics, Margham Publications, Chennai.

Course Contents and Lecture Schedule

Units	Topics	Hours	Mode of Teaching
Unit I: Business Cycle			
	Meaning- Characteristics - Phases of Business Cycle	4	Lecture
	Theories of Business Cycle: Hawtrey – Schumpeter –Keynes	9	Lecture
	Hicks – Kaldor	8	Lecture
	Measures to Control Trade Cycle	3	Lecture
Unit II: IS-LM Curve Model			
	Goods Market and Money Market – Goods Market Equilibrium – Derivation of the IS Curve – Shift in the IS Curve	7	Lecture
	Money Market Equilibrium – Derivation of LM Curve – Shift in the LM Curve	7	Lecture
	Simultaneous Equilibrium in the Goods and Money Market	4	Lecture
	IS-LM Elasticities – Classical Range – Intermediate Range – Keynesian Range	6	Lecture
Unit III: Inflation			
	Meaning – Causes – Types of Inflation	6	Lecture
	Demand- Pull Inflation: Friedman's View and Keynes' View – Cost-Push Inflation	5	Lecture
	Structuralist Inflation – Sectoral Inflation – Markup Inflation – Open and Suppressed Inflation – Hyper Inflation	6	Lecture
	Effects of Inflation – Measures to Control Inflation	7	Lecture & ICT
Unit IV: Recent Development in Macro Economics			
	Monetarism – Major Monetarist Propositions	7	Lecture
	Keynesianism Vs Monetarism	6	Lecture & GD
	Supply Side Economics : Basic Propositions	6	Lecture
	Rational Expectation Hypothesis	5	Lecture
Unit V: Macro Economic Policy			
	Objectives of Macro Economic Policy	4	Lecture
	Conflicts or Trade-off in Policy Objectives	8	Lecture
	Meaning and Causes of Stagflation	6	Lecture
	Philips Curve – Long run Philips Curve	6	Lecture & PPT

Course Outcomes Cos	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Scores of Cos
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	4	4	3	3	3	4	3	3	4	3	3.4
CO2	4	4	3	3	3	3	4	3	4	3	3.4
CO3	4	4	4	3	3	3	3	3	4	4	3.5
CO4	3	4	3	3	3	3	4	3	4	3	3.3
CO5	4	4	4	3	3	3	3	3	4	4	3.5
Mean Overall Score											3.42

Result: the Score for this Course is 3.42 (High Relation) Course Designer: Mrs.P.SORNAM

DEGREE : M.A. Economics **CLASS : First year**
SEMESTER : II **CREDITS : 05**
SUBJECT CODE: EB3 **HOURS : 120**

CORE: INTERNATIONAL ECONOMICS

Pedagogy	Hours P/W	Lecture	ICT	PPT	GD
	8	6	√	1	1

Preamble:

1. To study the basic principles of foreign trade and environment in which foreign trade takes place.
2. To study the impact of free trade and tariff on the different sectors of the economy.

Course Outcomes At the end of the semester, the students will be able to	Unit	Hrs P/S
CO1: describe the theories of International trade and list out the factors determining the international trade.	I	24
CO2: enable the students to understand the meaning of Balance of Payment and distinguish between Balance of Trade and Balance of Payment	II	24
CO3: define the exchange rate and explain the mint parity theory; purchasing power parity theory	III	24
CO4: **d**iscuss the terms of trade and compare trade policies, the Free trade and Protection	IV	24
CO5: evaluate the International Monetary Institutions - IMF, SDR, IBRD and its Objectives.	V	24

DEGREE	**: M.A. Economics**	**CLASS**	**: First year**
SEMESTER	**: II**	**CREDITS**	**: 05**
SUBJECT CODE: EB3		**HOURS**	**: 120**

CORE: INTERNATIONAL ECONOMICS

Unit I: Theories of International Trade

Features of International Trade – Gains from Foreign Trade – Factors Determining International Trade – Classical Theories: Theory of Absolute Cost Advantage – Theory of Comparative Cost – Theory of Reciprocal Demand – Theory of Opportunity Cost – Modern Theories: Heckscher Ohlin Theory – Stopler Samuelson Theorem – Rybczynski Theorem.

Unit II: Balance of Payment

Components of Balance of Payment - Balance of Trade Vs Balance of Payments – Kinds of Disequilibrium in the Balance of Payments – Causes of Disequilibrium -Measures of correcting Disequilibrium in the Balance of payments – Foreign Trade Multiplier.

Unit III: Exchange Rate

Determination of Exchange Rate –Factors affecting Exchange Rate – Mint parity Theory - Purchasing Power Parity Theory – Balance of Payments Theory – Fixed and Variable Exchange Rate – Arguments for and against - Convertibility of Rupees -Exchange Control – Objectives – Methods of Exchange Control.

Unit IV: Terms of Trade and Trade Policy

Terms of Trade : Concepts - Factors affecting Terms of Trade – Prebisch-Singer Secular Deterioration Hypothesis – Trade Policy: Free Trade Vs Protection – Tariff – Meaning – Objectives - Types - Effects (Partial) - Import Quota –Meaning- Objectives- Types- Effects.

Unit V: Monetary and Economic Integration

International Monetary Institutions: IMF - Problems of International Liquidity – SDR and IMF – IBRD – Objectives and Functions of UNCTAD , EU , SAARC and WTO.

TEXT BOOK:

1. Jhingan M.L., International Economics, Vrinda Publications (P) Ltd., Delhi.

RECOMMENDED BOOKS:

1. Francis Cherunilam – International Economics, Himalaya publishing House, New Delhi.
2. Vaish M.C., – International Economics, New Age International, New Delhi.
3. Mithani D.M. – Money, Banking and International Trade, Himalaya publishing House, New Delhi.
4. Mannur H.G., International Economics, Vikas Publishing House, New Delhi.

Course Contents and Lecture Schedule

Units	Topics	Hours	Mode of Teaching
Unit I: Theories of International Trade			
	Features of International Trade – Gains from Foreign Trade – Factors Determining International Trade	8	Lecture
	Classical Theories: Theory of Absolute Cost Advantage – Theory of Comparative Cost – Theory of Reciprocal Demand – Theory of Opportunity Cost	8	Lecture
	Modern Theories: Heckscher Ohlin Theory – Stopler Samuelson Theorem – Rybczynski Theorem	8	Lecture & PPT
Unit II: Balance of Payment			
	Components of Balance of Payment - Balance of Trade Vs Balance of Payments	8	Lecture & ICT
	Kinds of Disequilibrium in the Balance of Payments – Causes of Disequilibrium -Measures of correcting Disequilibrium in the Balance of payments	8	Lecture & PPT
	Foreign Trade Multiplier	8	Lecture
Unit III: Exchange Rate			
	Determination of Exchange Rate –Factors affecting Exchange Rate	5	Lecture
	Mint parity Theory - Purchasing Power Parity Theory – Balance of Payments Theory	5	Lecture
	Fixed and Variable Exchange Rate – Arguments for and against - Convertibility of Rupees	5	Lecture
	Exchange Control – Objectives – Methods of Exchange Control	9	Lecture & GD
Unit IV: Terms of Trade and Trade Policy			
	Terms of Trade : Concepts - Factors affecting Terms of Trade	5	Lecture
	Prebisch-Singer Secular Deterioration Hypothesis	5	Lecture
	Trade Policy: Free Trade Vs Protection	5	Lecture & GD
	Tariff – Meaning – Objectives - Types - Effects (Partial)	5	Lecture
	Import Quota –Meaning- Objectives- Types- Effects	4	Lecture
Unit V: Monetary and Economic Integration			
	International Monetary Institutions: IMF - Problems of International Liquidity	5	Lecture
	SDR and IMF, IBRD	5	Lecture & GD
	Objectives and Functions of UNCTAD , EU , SAARC and WTO	14	Lecture & PPT

Course Outcomes Cos	Programme Outcomes (Pos)					Programme Specific Outcomes (PSOs)					Mean Scores of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	4	4	4	4	3	4	4	3	3	3	3.6
CO2	4	4	3	3	3	4	3	3	3	3	3.3
CO3	4	4	4	3	3	4	3	3	3	3	3.4
CO4	4	3	3	4	3	4	3	3	3	3	3.3
CO5	4	4	4	3	3	4	4	4	3	3	3.6
Mean Overall Score											3.44

Result: the Score for this Course is 3.44 (High Relation) Course Designer: Dr.M.ARUNA

DEGREE : M.A. Economics **CLASS : Second year**
SEMESTER : III **CREDITS : 05**
SUBJECT CODE: EC1 **HOURS : 90**

CORE: DEVELOPMENT ECONOMICS

Pedagogy	Hours P/W	Lecture	ICT	PPT	GD
	6	4	√	1	1

Preamble:

1. To expose students to an array of pressing issues and intervention measures in Development Economics.
2. To understand the economic and non economic factors leading to economic development through development theories.

Course Outcomes At the end of the semester, the students will be able to	Unit	Hrs P/S
CO1: describe the Economic growth and Economic Development, obstacles and factors of economic development	I	18
CO2: analyse the factors Determining Capital Output Ratio and Investment Criteria	II	18
CO3: understand the theories of Development	III	14
CO4: discuss the various approaches of Development	IV	18
CO5: Demonstrates various Growth Models	V	22

DEGREE : M.A. Economics **CLASS : Second year**
SEMESTER : III **CREDITS : 05**
SUBJECT CODE: EC1 **HOURS : 90**

CORE: DEVELOPMENT ECONOMICS

Unit I: Economic Growth and Economic Development

Meaning of Economic Development, Economic Growth and Sustainable Development – Difference between Economic Growth and Development – Human Development Index (HDI) – Physical Quality of Life Index (PQLI) – Gender related Development Index (GDI) – Factors determining Economic Growth – Obstacles to Economic Development.

Unit II: Problems of Development

Capital Formation: Meaning – Importance – Capital-Output Ratio – Factors determining Capital-Output Ratio – Investment Criteria: Capital Turnover Criterion – Time-Series Criterion – Meaning of Project Evaluation – Cost Benefit Analysis – Uses of Cost Benefit Analysis in Developing Countries.

Unit III: Theories of Development

Adam Smith's Theory – Marxian Theory – Schumpeterian Theory – Keynesian Theory – Rostow's Stages of Economic Growth.

Unit IV: Approaches to Development

Lewis Theory of Unlimited Supply of Labour – Critical Minimum Effort - Nelson's Low Level of Equilibrium Trap - Big Push theory – Balanced Growth – Unbalanced Growth.

Unit V: Growth Models

Harrod–Domar Model - Dynamic Theory - Kaldor Model of Distribution – Solow Model – Joan Robinson Model – Mahalanobis Two Sector Model.

TEXT BOOK:

1. Misra S.K. and Puri V.K., Economics of Development and Planning, Himalaya Publishing House, New Delhi.

RECOMMENDED BOOKS:

1. Agarwal R.C., Economics of Development and Planning, Lakshmi Narain Agarwal Educational Publishers, Agra.
2. Jhingan M.L., The Economics of Development and Planning, Vrinda Publications, New Delhi.
3. Somashekar N.T., Development Economics, New Age International Publishers, New Delhi.
4. Taneja M.L. and Myer R.M., Economics of Development and Planning, Vishal Publishing Company, Jalandhar.

Course Contents and Lecture Schedule

Units	Topics	Hours	Mode of Teaching
Unit I: Economic Growth and Economic Development			
	Meaning of Economic Development, Economic Growth and Sustainable Development – Difference between Economic Growth and Development	3	Lecture
	Human Development Index (HDI) – Physical Quality of Life Index (PQLI) – Gender related Development Index (GDI)	3	Lecture & ICT
	Factors determining Economic Growth – Obstacles to Economic Development	12	Lecture & PPT
Unit II: Problems of Development			
	Capital Formation: Meaning – Importance – Capital-Output Ratio	2	Lecture
	Factors determining Capital-Output Ratio	4	Lecture
	Investment Criteria: Capital Turnover Criterion – Time-Series Criterion – Meaning of Project Evaluation – Cost Benefit Analysis – Uses of Cost Benefit Analysis in Developing Countries	12	Lecture
Unit III: Theories of Development			
	Adam Smith's Theory – Marxian Theory	5	Lecture
	Schumpeterian Theory – Keynesian Theory Rostow's Stages of Economic Growth	9	Lecture
Unit IV: Approaches to Development			
	Lewis Theory of Unlimited Supply of Labour – Critical Minimum Effort	6	Lecture
	Nelson's Low Level of Equilibrium Trap - Big Push theory	6	Lecture
	Balanced Growth – Unbalanced Growth	6	Lecture
Unit V: Growth Models			
	Harrod–Domar Model - Dynamic Theory	8	Lecture
	Kaldor Model of Distribution – Solow Model – Joan Robinson Model	8	Lecture
	Mahalanobis Two Sector Model	6	Lecture

Course Outcomes Cos	Programme Outcomes (Pos)					Programme Specific Outcomes (PSOs)					Mean Scores of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	4	4	4	3	3	4	4	3	3	3	3.5
CO2	4	4	4	3	3	4	4	3	4	4	3.7
CO3	4	3	3	3	3	4	4	3	4	3	3.4
CO4	4	4	3	4	3	3	4	3	3	4	3.5
CO5	4	4	4	3	3	4	4	4	3	3	3.6
Mean Overall Score											3.54

Result: the Score for this Course is 3.54 (High Relation) Course Designer:Dr. R.BOOMADEVI

DEGREE : M.A. Economics **CLASS : Second year**
SEMESTER : III **CREDITS : 05**
SUBJECT CODE : EC2 **HOURS : 90**

CORE: STATISTICAL METHODS

Pedagogy	Hours P/W	Lecture	ICT	PPT	GD
	6	4	√	1	1

Preamble:

1. To equip students with statistical skills needed to deal with contemporary socio-economic problems.
2. To provide hands on training on the applications of statistical methods in economic and social spheres.

Course Outcomes At the end of the semester, the students will be able to	Unit	Hrs P/S
CO1: discuss the probability concepts and theorems	I	16
CO2: explain theoretical distribution concepts, features and properties	II	18
CO3: understand statistical hypothesis and its Estimation	III	20
CO4: analyse the test of significance x^2 test, F-test, Difference between mean of two samples	IV	18
CO5: examine the 't' –Distribution and its properties	V	18

DEGREE : M.A. Economics	**CLASS : Second year**
SEMESTER : III	**CREDITS : 05**
SUBJECT CODE : EC2	**HOURS : 90**

CORE: STATISTICAL METHODS

Unit1: Probability

Probability: Different approaches – Apriori and Posteriori Probabilities – Addition and Multiplication Theorem – Conditional Probability –Baye'sTheorem(Simple Problems).

Unit II: Theoretical Distribution

Meaning - Binomial, Poisson and Normal Distribution – Binomial Distribution: Features – Fitting a Binomial Distribution, Poisson distribution: Features – Fitting a Poisson Distribution, Normal Distribution: Properties – Methods of Fitting Normal Curve (Area Method).

Unit III: Inferential Statistics & Estimation

Basic Concepts: Descriptive and Inferential Statistics – Parameters & Statistic - Estimation: Point Estimation and Interval Estimation Methods of Estimation: Ordinary Least Squares – Maximum Likelihood Estimation. Concept of Sampling Distribution – Standard Error – Properties of a Good Estimator.

Unit IV: Hypothesis Testing – Large Sample

Formulation of Statistical Hypothesis - Null and Alternative Hypothesis – Type I and Type II Errors – One Tailed and Two Tailed Tests – Test of Significance for Large Sample – Difference between the Means of Two Sample – Difference between the two standard deviation – X^2 Test- F-Test – Analysis of Variance – One way and two way Classification.

Unit V: Hypothesis Testing – Small Sample

Test of Significance for Small Samples – 't' Distribution: Properties – Test the Significance of the Mean of a Random Sample – Testing the Difference between Means of Two Samples (Independent and Dependent Samples).

TEXT BOOK:

1. S.P.Gupta, Statistical Methods, S.Chand & Sons, New Delhi.

RECOMMENDED BOOKS:

1. Gupta S.C. and Kapoor V.K., Fundamentals of Applied Statistics, S. Chand & Sons, New Delhi.
2. Elhance D.N. and Agarwal B.M., Fundamentals of Statistics, Kitab Mahal, Allahabad.
3. Hooda R.P., Statistics for Business and Economics, Macmillan Company of India Ltd., New Delhi.
4. Pillai R.S.N. and Bagavathi V., Statistics, S.Chand and Company Ltd., New Delhi.

Course Contents and Lecture Schedule

Units	Topics	Hours	Mode of Teaching
Unit I: Probability			
	Probability: Different approaches – Apriori and Posteriori Probabilities	2	Lecture
	Addition and Multiplication Theorem	4	Lecture
	Conditional Probability–Baye'sTheorem	10	Lecture
Unit II: Theoretical Distribution			
	Meaning - Binomial, Poisson and Normal Distribution	2	Lecture & PPT
	Binomial Distribution: Features – Fitting a Binomial Distribution	5	Lecture
	Poisson distribution: Features – Fitting a Poisson Distribution, Normal Distribution: Properties Methods of Fitting Normal Curve (Area Method)	11	Lecture
Unit III: Inferential Statistics & Estimation			
	Basic Concepts: Descriptive and Inferential Statistics – Parameters & Statistic - Estimation: Point Estimation and Interval Estimation	7	Lecture & GD
	Methods of Estimation: Ordinary Least Squares – Maximum Likelihood Estimation	2	Lecture
	Concept of Sampling Distribution – Standard Error – Properties of a Good Estimator	11	Lecture
Unit IV: Hypothesis Testing – Large Sample			
	Formulation of Statistical Hypothesis - Null and Alternative Hypothesis – Type I and Type II Errors – One Tailed and Two Tailed Tests	3	Lecture & ICT
	Test of Significance for Large Sample – Difference between the Means of Two Sample – Difference between the two standard deviation	2	Lecture
	X^2 Test- F-Test – Analysis of Variance – One way any two way Classification	13	Lecture
Unit V: Hypothesis Testing – Small Sample			
	Test of Significance for Small Samples – 't' Distribution: Properties	2	Lecture & PPT
	Test the Significance of the Mean of a Random Sample	2	Lecture
	Testing the Difference between Means of Two Samples (Independent and Dependent Samples)	14	Lecture

Course Outcomes Cos	Programme Outcomes (Pos)					Programme Specific Outcomes (PSOs)					Mean Scores of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	4	4	3	3	3	4	4	3	3	3	3.4
CO2	4	4	3	4	3	3	3	3	3	3	3.3
CO3	4	4	3	3	3	4	3	3	3	2	3.2
CO4	4	4	3	3	3	4	4	3	3	3	3.4
CO5	4	4	3	3	3	4	3	4	4	3	3.5
Mean Overall Score											3.36

Result: the Score for this Course is 3.36 (High Relation) Course Designer: Dr.R.BOOMA DEVI

DEGREE : M.A. Economics **CLASS : Second year**
SEMESTER : III **CREDITS : 05**
SUBJECT CODE: EC3 **HOURS : 75**

CORE: RESEARCH METHODOLOGY

Pedagogy	Hours P/W	Lecture	ICT	PPT	GD
	5	3	√	1	1

Preamble:

1. To acquaint students with the identification of researchable problem.
2. To help the students for writing project report.

Course Outcomes At the end of the semester, the students will be able to	Unit	Hrs P/S
CO1: understand the basics of Research Methods and Methodology	I	15
CO2: describe the techniques of Research Design and to select the Research Topic for the Project	II	15
CO3: understand to formulate hypotheses and to apply the test of hypotheses	III	15
CO4: decide the methods of data collection for their projects	IV	15
CO5: acquaint with the techniques of thesis writing	V	15

DEGREE : M.A. Economics **CLASS : Second year**
SEMESTER : III **CREDITS : 05**
SUBJECT CODE: EC3 **HOURS : 75**

CORE: RESEARCH METHODOLOGY

Unit I: Introduction

Meaning – Objectives – Characteristics of a Good Research – Research Methods and Methodology - Types of Research Method.

Unit II: Research Design

Meaning – Criteria of a Good Research Design – Types of Research Designs – Steps involved in preparing a Research Design.

Unit III: Formulation of Hypothesis

Meaning – Types – Sources – Functions - Characteristics – Difficulties in the Formulation of Hypothesis – Testing of the Hypothesis – Uses of Hypothesis.

Unit IV: Methods of Data Collection

Methods of Data Collection - Census and Sampling Method – Sampling Technique – Sampling Design – Primary Data and Secondary Data – Methods of Collecting Primary Data – Construction of Schedules and Questionnaire – Sources of Secondary Data.

Unit V: Data Processing and Research Report

Introduction –Editing – Coding – Tabulation – Analysis – Interpretation -Meaning of Research Report – Structure of Research Report – Procedures of Writing: Foot notes &Bibliography.

TEXT BOOK:

1. Kothari C.R., Research Methodology, Methods and Techniques, Wiley Eastern Limited, New Delhi.

RECOMMENDED BOOKS:

1. Saravanavel P., Research Methodology, Kitab Mahal , Allahabad.
2. Sonachalam K.S., Research Methodology of Social Sciences, Emerald Publication, Chennai.
3. Kurien C.T., A Guide to Research in Economics, Sangam Books, Chennai.
4. Krishnaswami R & Ranganathan M., Methodology of Research, Himalaya Publishing House, Chennai.

Course Contents and Lecture Schedule

Units	Topics	Hours	Mode of Teaching
Unit I: Introduction			
	Meaning – Objectives	5	Lecture
	Characteristics of a Good Research – Research Methods and Methodology	5	Lecture & GD
	Types of Research Method	5	Lecture & PPT
Unit II: Research Design			
	Meaning – Criteria of a Good Research Design	5	Lecture
	Types of Research Designs	5	Lecture & PPT
	Steps involved in preparing a Research Design	5	Lecture & GD
Unit III: Formulation of Hypothesis			
	Meaning – Types – Sources – Functions - Characteristics	5	Lecture
	Difficulties in the Formulation of Hypothesis	5	Lecture & PPT
	Testing of the Hypothesis – Uses of Hypothesis	5	Lecture & GD
Unit IV: Methods of Data Collection			
	Methods of Data Collection - Census and Sampling Method – Sampling Technique – Sampling Design	5	Lecture
	Primary Data and Secondary Data – Methods of Collecting Primary Data	5	Lecture
	Construction of Schedules and Questionnaire – Sources of Secondary Data	5	Lecture
Unit V: Data Processing and Research Report			
	Introduction –Editing – Coding – Tabulation – Analysis – Interpretation	5	Lecture
	Meaning of Research Report	5	Lecture & PPT
	Structure of Research Report – Procedures of Writing: Foot notes &Bibliography	5	Lecture & GD

Course Outcomes Cos	Programme Outcomes (Pos)					Programme Specific Outcomes (PSOs)					Mean Scores of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	4	3	4	4	4	4	4	4	3	3	3.7
CO2	4	3	3	3	3	3	3	4	4	4	3.4
CO3	4	4	4	3	3	3	4	3	3	4	3.5
CO4	4	4	3	4	3	4	4	4	3	3	3.6
CO5	3	4	3	4	4	4	3	3	3	3	3.4
Mean Overall Score											3.52

Result: the Score for this Course is3.52 (High Relation) Course Designer:Dr.T.SUJATHA

DEGREE : M.A. Economics **CLASS : Second year**
SEMESTER : III **CREDITS : 05**
SUBJECT CODE: EC4 **HOURS : 75**

CORE: ENVIRONMENTAL ECONOMICS

Pedagogy	Hours P/W	Lecture	ICT	GD	PPT
	5	3	√	1	1

Preamble:

1. To create an awareness and to analyse environmental issues.
2. To deal with the integration of ecology and economics, environmental planning and environmental strategies.

Course Outcomes At the end of the semester, the students will be able to	Unit	Hrs P/S
CO1: understand the significance of Environmental Economics	I	13
CO2: identify the different sources of energy	II	18
CO3: examine the different sources of pollution	III	19
CO4: analyse the consequence of climate change	IV	15
CO5: demonstrate full knowledge through environmental education and training	V	10

DEGREE : M.A. Economics **CLASS : Second year**
SEMESTER : III **CREDITS : 05**
SUBJECT CODE: EC4 **HOURS : 75**

CORE: ENVIRONMENTAL ECONOMICS

Unit I: Introduction

Definition –Role and significance of Environmental Economics- Ecology-Environmental Ecology and Eco system – Hydrosphere- Atmosphere- Lithosphere-Population growth and Human Ecology.

Unit II: Energy and Environment

Sources of Energy: Renewable and Non renewable- Conventional and Non Conventional Energy- Energy Scenario in India- Pattern of Energy consumption in India- Energy Policy and Environmental Quality- Natural Gas- Advantages- Atomic Energy.

Unit III: Environmental Pollution

Sources and Causes of Pollution - Types of Pollution : Noise Pollution - Air Pollution - Solid Waste Pollution - Water Pollution- Nuclear Pollution- Thermal Pollution - Pollution Control and Environmental Protection Act in India.

Unit IV: Global Warming and Green House Effect

Global Warming – Depletion of Ozone Layer – Green House Effect – Recent Policy of India towards Global Warming –Consequences of Climate Change.

Unit V: Environmental Management and Education

Significance of Environmental Management – Environmental Impact Assessment System – Environmental Education and Training – Suggestions.

TEXT BOOK:

1. Sankaran, Environmental Economics, Margham Publications, Chennai.

RECOMMENDED BOOKS:

1. Baumol J.William, Oater, E. Wallace, Environmental policy and the quality of life, Prentice Hall of India, New Delhi.
2. Sankar U., Environmental Economics, Oxford University Press, New Delhi.
3. Karpagam M., Environmental Economics, Sterling Publishers Pvt. Ltd, New Delhi.
4. Bhattacharya R.N., Environmental Economics:An Indian Perspectives, Oxford University Press, New Delhi.

Course Contents and Lecture Schedule

Units	Topics	Hours	Mode of Teaching
Unit I: Introduction			
	Definition –Role and significance of Environmental Economics	3	Lecture & GD
	Ecology-Environmental Ecology and Eco system – Hydrosphere- Atmosphere- Lithosphere	5	Lecture & GD
	Population growth and Human Ecology	5	Lecture & MT
Unit II: Energy and Environment			
	Sources of Energy: Renewable and Non renewable- Conventional and Non Conventional Energy	5	Lecture & GD
	Energy Scenario in India- Pattern of Energy consumption in India- Energy Policy .	4	Lecture & PPT
	Environmental Quality- Natural Gas- Advantages- Atomic Energy	9	Lecture & ICT
Unit III: Energy and Environment			
	Sources and Causes of Pollution - Types of Pollution : Noise Pollution - Air Pollution	9	Lecture & MT
	Solid Waste Pollution - Water Pollution- Nuclear Pollution - Thermal Pollution	5	Lecture & GD
	Pollution Control and Environmental Protection Act in India	5	Lecture & MT
Unit IV: Global Warming and Green House Effect			
	Global Warming – Depletion of Ozone Layer – Green House Effect	7	Lecture & PPT
	Recent Policy of India towards Global Warming – Consequences of Climate Change	8	Lecture & GD
Unit V: Environmental Management and Education			
	Significance of Environmental Management – Environmental Impact Assessment System	5	Lecture & MT
	Environmental Education and Training – Suggestions	5	Lecture & GD

Course Outcomes Cos	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Scores of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	3	3	3	4	4	4	3	4	3	3	3.4
CO2	4	4	3	4	4	3	3	3	4	4	3.6
CO3	3	3	4	3	4	4	3	4	3	4	3.5
CO4	4	4	4	3	3	4	4	3	3	4	3.6
CO5	4	3	3	4	4	3	3	4	4	3	3.5
Mean Overall Score											3.52

Result: the Score for this Course is 3.52 (High Relation) Course Designer: Dr.V.SURIAGANDHI

DEGREE : M.A. Economics **CLASS : Second year**
SEMESTER : IV **CREDITS : 05**
SUBJECT CODE: ED1 **HOURS : 90**

CORE: INDIAN ECONOMY

Pedagogy	**Hours P/W**	**Lecture**	**ICT**	**PPT**	**GD**
	6	**4**	√	**1**	**1**

Preamble:

1. To enable the students to have an understanding of the various issues/components of the Indian Economy.
2. To help the students to comprehend and critically appraise current Indian Economic Problems.

Course Outcomes At the end of the semester, the students will be able to	Unit	Hrs P/S
CO1: describe the nature of the Indian Economy and its basic characters	I	18
CO2: discuss the concept of Green Revolution and explain its achievements	II	18
CO3: **i**nterpret the Industrial Development during Plan Period and New Industrial Policy	III	18
CO4: **p**redict the Power of Various transport system and its impact	IV	18
CO5: evaluate the trends in revenue and expenditure of Central government and examine the measures to correct it.	V	18

DEGREE : M.A. Economics	**CLASS : Second year**
SEMESTER : IV	**CREDITS : 05**
SUBJECT CODE: ED1	**HOURS : 90**

CORE: INDIAN ECONOMY

Unit I: Nature of the Indian Economy

Basic Characteristics of Indian Economy – Major Issues of Development – Population Problem in India – Remedial Measures – National Population Policy 2000 – Poverty Eradication Programmes in India: NREGA, Swarna Jayanthi Grama Swarozgar and Bharat Nirman Programme.

Unit II: Agricultural Sector

Place of Agriculture in the Indian economy – Green Revolution: Achievement and Weaknesses –Need for Second Green Revolution – Food Problem: Causes and Measures - Food Policy: Objectives and Instruments – Food Security - Rural Indebtedness and Farmers' Suicides.

Unit III: Industrial Sector

Industrial Development during Plan Period – New Industrial Policy – Importance and Problems of Private Sector – Performance and Problems of Public Sector – MSM Enterprises: Meaning – Classification – Role and Problems – Industrial Sickness: causes and Policy Measures- Disinvestment Process in India.

Unit IV: Service Sector

Energy Crisis – Measures to tackle the Energy Problems - Power Shortages in India - Reforms in Power sector- Impact of Transport on Economic Development – Importance of Roadways and Railways - Recent Development in Communication System in India – Special Economic Zones.

Unit V: Public Finance

Trends in Revenue and Expenditure of Central Government – Features of Indian Tax System – Tax Reforms – GST – Fiscal Deficits in India – Measures to Correct Growing Fiscal Deficit.

TEXT BOOK:

1. Ruddar Datt & Sundaram K.P.M., Indian Economy, S.Chand & Co.Ltd., New Delhi.

RECOMMENDED BOOKS:

1. Agarwal H.S., Indian Economy, Laksmi Narain Agarwal Educational Publishers, Agra.
2. Ray S.K., Indian economy, Prentice Hall of India, New Delhi.
3. Sankaran S., Indian Economy, Margham publications, Chennai.
4. Dhingra I.C., The Indian Economy, Environment and Policy, Sultan Chand and Sons, New Delhi.

Course Contents and Lecture Schedule

Units	Topics	Hours	Mode of Teaching
Unit I: Nature of the Indian Economy			
	Basic Characteristics of Indian Economy – Major Issues of Development	6	Lecture
	Population Problem in India – Remedial Measures	6	Lecture
	National Population Policy 2000 – Poverty Eradication Programmes in India: NREGA, Swarna Jayanthi Grama Swarozgar and Bharat Nirman Programme	6	Lecture & GD
Unit II: Agricultural Sector			
	Place of Agriculture in the Indian economy – Green Revolution: Achievement and Weaknesses	4	Lecture & ICT
	Need for Second Green Revolution – Food Problem: Causes and Measures	6	Lecture
	Food Policy: Objectives and Instruments – Food Security - Rural Indebtedness and Farmers' Suicides	8	Lecture & GD
Unit III: Industrial Sector			
	Industrial Development during Plan Period – New Industrial Policy	4	Lecture
	Importance and Problems of Private Sector – Performance and Problems of Public Sector	4	Lecture
	MSM Enterprises: Meaning – Classification – Role and Problems – Industrial Sickness: causes and Policy Measures- Disinvestment Process in India	10	Lecture
Unit IV: Service Sector			
	Energy Crisis – Measures to tackle the Energy Problems	9	Lecture
	Power Shortages in India - Reforms in Power sector- Impact of Transport on Economic Development – Importance of Roadways and Railways	5	Lecture
	Recent Development in Communication System in India – Special Economic Zones.	4	Lecture
Unit V: Public Finance			
	Trends in Revenue and Expenditure of Central Government	6	Lecture & GD
	Features of Indian Tax System – Tax Reforms– GST	6	Lecture
	Fiscal Deficits in India – Measures to Correct Growing Fiscal Deficit	6	Lecture

Course Outcomes Cos	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Scores of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	4	4	3	4	3	3	4	3	3	3	3.4
CO2	3	4	3	4	4	3	4	3	4	3	3.5
CO3	4	3	3	4	3	3	3	3	3	3	3.2
CO4	4	4	3	3	3	4	4	3	3	3	3.4
CO5	3	3	4	3	4	4	4	3	3	3	3.4
Mean Overall Score											3.38

Result: the Score for this Course is 3.38 (High Relation) Course Designer:Dr.P.PANDI PRIYA

DEGREE : M.A. Economics **CLASS : Second year**
SEMESTER : IV **CREDITS : 05**
SUBJECT CODE: ED2 **HOURS : 90**

CORE: PUBLIC ECONOMICS

Pedagogy	Hours P/W	Lecture	ICT	PPT	PGD
	6	4	√	1	2

Preamble:

1. To acquaint students with the changing role and functions of government in economic transition.
2. To understand the issues which underline budgetary policies in general and Indian experience in particular.

Course Outcomes At the end of the semester, the students will be able to	Unit	Hrs P/S
CO1: understand the role of Government in economic activity and differentiate the concept of private goods, public goods and merit goods.	I	17
CO2: analyse the causes for the growth of public expenditure and illustrate different theories of public expenditure.	II	18
CO3: explain different theories of taxation and summarise the theories affecting incidence of taxation.	III	18
CO4: discuss the causes and effects of public debt and explain the objectives and effects of deficit financing	IV	17
CO5: explain the budgetory procedure in India and summarize the role of federal finance and finance commission	V	20

DEGREE	**: M.A. Economics**	**CLASS**	**: Second year**
SEMESTER	**: IV**	**CREDITS**	**: 05**
SUBJECT CODE: ED2		**HOURS**	**: 90**

CORE: PUBLIC ECONOMICS

Unit I: Role of Government

Role of Government in Economic Activity: Allocation Function – Distribution Function – Stabilization Function - The Concept of Private Goods, Public Goods and Merit Goods.

Unit II: Public Expenditure

Meaning – Canons – Causes of the Growth of public Expenditure - Theories of Public Expenditure – Ability to Pay Principle - Benefit Principle: Erick Lindahal - Samuelson - Johansen Model – Public Expenditure in India

Unit III: Public Revenue

Theories of Taxation: Physiocratic Theory - Financial Theory – Principle of Equity – Cost of Service Theory – Benefit Principle – Ability to Pay Theory – Incidence and Shifting – Factors affecting Incidence of Taxation – Theories of Shifting – Tax Reforms in India

Unit IV: Public Debt

Causes – Effects – Burden of Public Debt – Redemption of Public Debt – Methods - Deficit Financing – Objectives – Effects – Limits of Deficit Financing - Deficit Financing in India.

Unit V: Budget and Federal Finance

Budget – Principles of Budgeting – Budgetary Procedure in India – Performance Budgeting – Zero Based Budgeting – Federal Finance - Meaning – Principles of Federal finance - Financial Adjustments – Problems – Functions of Finance Commission – Recommendations of Recent Finance Commission – NITI Aayog.

TEXT BOOK:

1. Tyagi B.P., Public Finance, Jai Prakash Nath & Co., New Delhi.

RECOMMENDED BOOKS:

1. Bhatia H.L., Public Finance, Vikas Publishing House, New Delhi.
2. Cauvery R., U.K. Sudha Nayak, M.Grijia, N.Kiruparani, R.Meenakshi, Public Finance, S.Chand Company Ltd., New Delhi.
3. Mithani D.M., Modern Public Finance Theory and Practice, Himalaya Publishing House, Mumbai.
4. Singh S.K., Public Finance in Developed and Developing countries, S.Chand & Company Ltd., New Delhi.

Course Contents and Lecture Schedule

Units	Topics	Hours	Mode of Teaching
Unit I: Role of Government			
	Role of Government in Economic Activity: Allocation Function – Distribution Function – Stabilization Function	12	Lecture
	The Concept of Private Goods, Public Goods and MeritGoods	5	Lecture & GD
Unit II: Public Expenditure			
	Meaning – Canons – Causes of the Growth of public Expenditure	7	Lecture
	Theories of Public Expenditure – Ability to Pay Principle - Benefit Principle: Erick Lindahal - Samuelson – Johansen Model	9	Lecture & GD
	Public Expenditure in India	2	Lecture & GD
Unit III: : Public Revenue			
	Theories of Taxation: Physiocratic Theory - Financial Theory – Principle of Equity – Cost of Service Theory – Benefit Principle – Ability to Pay Theory	8	Lecture & ICT
	Incidence and Shifting – Factors affecting Incidence of Taxation – Theories of Shifting	6	Lecture
	Tax Reforms in India	4	Lecture & GD
Unit IV: Public Debt			
	Public Debt - Causes – Effects – Burden of Public Debt	5	Lecture
	Redemption of Public Debt – Methods	4	Lecture
	Deficit Financing – Objectives – Effects – Limits of Deficit Financing - Deficit Financing in India	8	Lecture & GD
Unit V: Budget and Federal Finance			
	Budget – Principles of Budgeting – Budgetary Procedure in India – Performance Budgeting – Zero Based Budgeting	7	Lecture
	– Federal Finance - Meaning – Principles of Federal finance - Financial Adjustments – Problems	8	Lecture
	Functions of Finance Commission – Recommendations of Recent Finance Commission – NITI Aayog	5	Lecture & GD

Course Outcomes Cos	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Scores of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	3	4	4	3	3	4	3	3	4	4	3.5
CO2	4	3	3	4	3	3	4	4	3	3	3.4
CO3	3	4	3	4	4	3	4	3	3	4	3.5
CO4	4	3	3	4	4	3	3	4	3	4	3.5
CO5	3	4	3	3	4	3	4	3	4	4	3.5
Mean Overall Score											3.48

Result: the Score for this Course is 3.48 (Higher Relation) Course Designer: Dr. S.KUMARI JANANI

DEGREE : M.A. Economics **CLASS : Second year**
SEMESTER : IV **CREDITS : 05**
SUBJECT CODE: ED3 **HOURS : 90**

CORE: BASIC ECONOMETRICS

Pedagogy	Hours P/W	Lecture	MT
	6	5	1

Preamble:

1. To equip the students with basic theory of Econometrics and relevant applications of the methods.
2. To comprehend the factual data and obtain conceptualization ability.

Course Outcomes At the end of the semester, the students will be able to	Unit	Hrs P/S
CO1: describe the basic concepts of Econometrics	I	15
CO2: **a**pply simple linear regression model and ANOVA to find economic variables	II	20
CO3: **e**xamine the uses of multiple linear regression model in Economics	III	20
CO4: discuss the basic concepts of Multicollinearity, hetroscedasticity and auto correlation	IV	15
CO5: **e**xplain the importance of dummy variables in research work	V	20

DEGREE : M.A. Economics	**CLASS : Second year**
SEMESTER : IV	**CREDITS : 05**
SUBJECT CODE: ED3	**HOURS : 90**

CORE: BASIC ECONOMETRICS

Unit I : Econometric Methodology

Mathematical Models in Economics: Variables, constants and parameters - prominent functional relationship - Utility function - Production function - Cost and Revenue functions (Concepts only) – Meaning, Goals and limitations of Econometrics – Econometric Methodology.

Unit II : Simple Linear Regression Model (SLRM)

Meaning of / Rationale for Stochastic Error - OLS Assumptions - OLS Estimation – Standard Error of OLS estimators and t-values – Coefficient of determination(R^2) – ANOVA in regression - Properties of OLS Estimators (Concepts Only) – Problems in SLRM: computation of parameters, standard errors & t values, coefficient of determination(R^2), ANOVA table – Interpreting and Reporting SLRM (problems only).

Unit III : Multiple Linear Regression Model (MLRM)

Elementary ideas on Multiple Linear Regression Model: Partial Regression Coefficients – Adjusted R^2 - Problems in MLRM (2 independent variables only): computation of parameters, standard errors & t values, coefficient of determination, ANOVA table – Interpreting and Reporting MLRM (problems only).

Unit IV : Violation of OLS Assumptions

Multicollinearity, Heteroscedasticity and Auto correlation: Meaning, Implications, Sources, Tests and Remedies (Concepts only)

Unit V : Regression on Dummy Variables

Meaning of Dummy Variables, Coding of dummy variables - Regression Models with dummy independent variables: ANOVA Model & ANCOVA Model: Specification – Dummy variable trap - Features and Uses – interpreting ANOVA / ANCOVA models - Regression Models with dummy dependent variable: Logit Model – Idea of odds ratio and logit – Interpreting Logit Models.

TEXT BOOK:

1. Shyamala S., Navdeep Kaur, Arul Pragasam, A text book on Econometrics: Theory and Applications, Vishal Publishing Company, Jalandhar

RECOMMENDED BOOKS:

1. Dhanasekaran K., Econometrics, Vrinda Publication Ltd., New Delhi.
2. Damodar Gujarati N. and Sangeetha, Basic Econometrics, Mc Graw Hill Book Company, New Delhi.
3. Koutsoyiannis A., Theory of Econometrics, Palgrave Macmillan, New Delhi.
4. Kennedy P., A guide to Modern Econometrics, Oxford: Blackwell Publishing Company.

http://2.le.ac.uk/departments/business/people/academic/shall/teaching/lectures
http://www.economicsnetwork.ac.uk/econometrics
http://www.economicsnetwork.ac.uk/teaching/Video%20and%Audio%Lectures/Econometrics
http://www.barcodesinc.com/articles/best-econometrics-resources.htm

Course Contents and Lecture Schedule

Units	Topics	Hours	Mode of Teaching
Unit I: Econometric Methodology			
	Mathematical Models in Economics: Variables, constants and parameters	5	Lecture & MT
	prominent functional relationship - Utility function - Production function - Cost and Revenue functions	5	Lecture
	Meaning, Goals and limitations of Econometrics – Econometric Methodology	5	Lecture
Unit II: Simple Linear Regression Model (SLRM)			
	Meaning of / Rationale for Stochastic Error - OLS Assumptions - OLS Estimation – Standard Error of OLS estimators and t-values – Coefficient of determination(R^2)	5	Lecture
	ANOVA in regression - Properties of OLS Estimators (Concepts Only)	7	Lecture & MT
	Problems in SLRM: computation of parameters, standard errors & t values, coefficient of determination(R^2), ANOVA table – Interpreting and Reporting SLRM (problems only)	8	Lecture & MT
Unit III: Multiple Linear Regression Model (MLRM)			
	Elementary ideas on Multiple Linear Regression Model: Partial Regression Coefficients	6	Lecture
	Adjusted R^2 - Problems in MLRM (2 independent variables only): computation of parameters, standard errors & 't' values, coefficient of determination, ANOVA table	7	Lecture & MT
	Interpreting and Reporting MLRM (problems only)	7	Lecture & MT
Unit IV: Violation of OLS Assumptions			
	Multicollinearity,	5	Lecture
	Heteroscedasticity and Auto correlation: Meaning, Implications, Sources,	6	Lecture & MT
	Tests and Remedies (Concepts only)	4	Lecture
Unit V Regression on Dummy Variables			
	Meaning of Dummy Variables, Coding of dummy variables	6	Lecture & MT
	Regression Models with dummy independent variables: ANOVA Model & ANCOVA Model: Specification – Dummy variable trap - Features and Uses – interpreting ANOVA / ANCOVA models	8	Lecture & MT
	Regression Models with dummy dependent variable: Logit Model – Idea of odds ratio and logit – Interpreting Logit Models	6	Lecture

Course Outcomes Cos	Programme Outcomes (POs)					Programme Specific Out Comes (PSOs)					Mean Scores of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	4	4	3	3	4	3	3	4	4	4	3.6
CO2	4	4	4	4	3	3	4	3	4	4	3.7
CO3	3	4	4	4	3	4	4	4	4	3	3.7
CO4	4	3	4	4	3	4	4	4	4	4	3.8
CO5	4	3	3	4	4	4	4	4	3	3	3.6
Mean Overall Score											3.68

Result: the Score for this Course is 3.68 (High Relation) Course Designer:Dr.M.PAPPA

DEGREE	**: M.A. Economics**	**CLASS**	**: Second year**
SEMESTER	**: IV**	**CREDITS**	**: 05**
SUBJECT CODE: EPW		**HOURS**	**: 90**

CORE: PROJECT WORK

Preamble

1. To enable the students to gain practical experience in preparing a project report.

2. To improve the research aptitude among the students.

It is mandatory for the students to carry out a research work under the guidance and supervision of a faculty member. It is in partial fulfillment of the requirements of the M.A., Degree programme.

EVALUATION PATTERN:

a. Project Report	:	80	marks
b. Viva Voce	:	20	marks
			100 marks

ELECTIVES

DEGREE : M.A. Economics **CLASS : First Year**
SEMESTER : I **CREDITS :05**
SUBJECT CODE :EEA **HOURS :90**

ELECTIVE: AGRICULTURAL ECONOMICS

Pedagogy	Hours P/W	Lecture	ICT	GD	PPT
	6	4	√	1	1

Preamble:

1. To highlight important aspects of the agricultural development.
2. To provide a detailed treatment of issues in agricultural economics

Course Outcomes At the end of the semester, the students will be able to	Unit	Hrs P/S
CO1: describe the role of agriculture in the economic development and explain the new agricultural policy 2000	I	12
CO2: define the concept of agricultural labour and explain the causes of low productivity in agriculture	II	24
CO3: discuss the meaning of agricultural pricing and analyse the objectives, needs of agricultural marketing	III	18
CO4: examine the causes of rural indebtedness and list out the types of credit institution to the farmers	IV	18
CO5: evaluate the New Economic Policy and Agriculture	V	18

DEGREE	**: M.A. Economics**	**CLASS**	**: First Year**
SEMESTER	**: I**	**CREDITS**	**:05**
SUBJECT CODE	**:EEA**	**HOURS**	**:90**

ELECTIVE: AGRICULTURAL ECONOMICS

Unit I: Introduction

Role of Agriculture in the Economic Development – Contribution of Agriculture to the Indian Economy – Agriculture and Five Year Plans – Interdependence of Agriculture and Industry – New Agricultural Policy 2000.

Unit II: Agricultural Labour and Production

Wages of Agricultural Labourers – Programmes for Improving the Conditions of Agricultural Labourers – Causes of Low Productivity in Agriculture – Farm Size and Productivity – Problem of Sub-division and Fragmentation – Risk and Uncertainty in Agriculture – Types of Uncertainty - Measures – Types of Instability in Agriculture – Measures to stabilise Agricultural Income and Price.

Unit III: Agricultural Pricing and Marketing

Objectives of Price Policy **–** Instruments – New Agricultural Price Policy – Need for an Efficient Agricultural Marketing – Causes of Inefficiency – Policy Measures – Warehousing.

Unit IV: Agricultural Credit

Causes of Rural Indebtedness – Institutional Credit – Rural Co-operative Credit Societies – Land Mortgage Banks – Commercial banks – Lead Bank Scheme – RRBs – NABARD – Micro Finance – Kisan Credit Cards.

UnitV: New Economic Policy and Agriculture

Structural Adjustments in the Agricultural Sector: Marketing, Globalisation, Privatisation and Liberalisation – WTO and India's Trade in Agricultural Commodities – Agricultural Development in Pre and Post Reforms in India

TEXT BOOK:

1. Sankaran S., Indian Economy, Margham Publications, Chennai.

RECOMMENDED BOOKS:

1. Soni N., Leading Issues in Agricultural Economics, Vishal Publishers, New Delhi.
2. Sutha Reddy S., Raghu Ram P., Neelakanda Sastry T.V., Bhavani Devi L., Agricultural Economics, Oxford IBH Publishers and Co., New Delhi.
3. Raddar Dutt and Sundaram K.P.M., Indian Economy,S.Chand Publications, New Delhi.
4. Gupta P.K., Agricultural Economics, Vrinda Publications, New Delhi.

Course Contents and Lecture Schedule

Units	Topics	Hours	Mode of Teaching
Unit I: Introduction			
	Role of Agriculture in the Economic Development- Contribution of Agriculture to the Indian Economy	4	Lecture & GD
	Agriculture and Five Year Plans	4	Lecture
	Interdependence of Agriculture and Industry – New Agricultural Policy 2000	4	Lecture
Unit II: : Agricultural Labour and Production			
	Wages of Agricultural Labourers – Programmes for Improving the Conditions of Agricultural Labourers – Causes of Low Productivity in Agriculture	8	Lecture & ICT
	Farm Size and Productivity – Problem of Sub-division and Fragmentation – Risk and Uncertainty in Agriculture	8	Lecture
	Types of Uncertainty - Measures – Types of Instability in Agriculture – Measures to stabilise Agricultural Income and Price	8	Lecture
Unit III: : Agricultural Pricing and Marketing			
	Objectives of Price Policy **–** Instruments – New Agricultural Price Policy	4	Lecture & PPT
	Need for an Efficient Agricultural Marketing	5	Lecture
	Causes of Inefficiency – Policy Measures – Warehousing	9	Lecture
Unit IV: : Agricultural Credit			
	Causes of Rural Indebtedness – Institutional Credit – Rural Co-operative Credit Societies	6	Lecture
	Land Mortgage Banks – Commercial banks	5	Lecture
	Lead Bank Scheme – RRBs – NABARD – Micro Finance – Kisan Credit Cards	7	Lecture & PPT
Unit V: New Economic Policy and Agriculture			
	Structural Adjustments in the Agricultural Sector: Marketing, Globalisation, Privatisation and Liberalisation	5	Lecture
	WTO and India's Trade in Agricultural Commodities	6	Lecture & GD
	Agricultural Development in Pre and Post Reforms in India	7	Lecture & PPT

Course Outcomes Cos	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Scores of Cos
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	4	3	4	4	3	3	4	3	4	3	3.5
CO2	3	4	4	3	4	3	4	4	3	4	3.6
CO3	4	3	4	3	4	4	4	3	4	3	3.6
CO4	3	4	3	4	4	3	4	4	4	3	3.6
CO5	4	4	4	3	4	4	4	3	3	3	3.6
Mean Overall Score											3.58

Result: the Score for this Course is 3.58 (Higher Relation) Course Designer: Dr. P.PANDI PRIYA

DEGREE : M.A. Economics **CLASS : First Year**
SEMESTER : II **CREDITS : 05**
SUBJECT CODE: EEB **HOURS : 90**

ELECTIVE: INDUSTRIAL ECONOMICS

Pedagogy	Hours P/W	Lecture	ICT	PPT	Micro Teaching	GD
	6	3	√	1	1	1

Preamble:

1. To enable the students to get an exposure to the issues involved in the process of industrialization.
2. To provide a thorough knowledge about the economics of industry in a cogent and analytical manner particularly in the Indian context.

Course Outcomes At the end of the semester, the students will be able to	Unit	Hrs P/S
CO1: understand the importance and impact of industrialisation	I	20
CO2: identifying the determinants and theories of industrial location	II	15
CO3: appraise the role of small scale and cottage industries and various policy perspectives to help them	III	15
CO4: **e**ffective measurement of industrial efficiency and decision making process and of industrial spectrum	IV	20
CO5: prepare time profile of the project and developing solutions to project evaluation	V	20

DEGREE	**: M.A. Economics**	**CLASS**	**: First Year**
SEMESTER	**: II**	**CREDITS**	**: 05**
SUBJECT CODE: EEB		**HOURS**	**: 90**

ELECTIVE: INDUSTRIAL ECONOMICS

Unit I: Industry and Economic Development

Meaning and Role of Industrialisation – Inter-relationship between Industry and Agriculture – Impact of Industrialisation On Employment, Productivity, Foreign Trade, Environment and Social Change – Factors determining Industrialisation – Industrial Development before and after Reforms in India

Unit II: Industrial Location Analysis

Determinants – Technical, Economic and Infrastructural factors – Approaches to Industrial Location: a) Geographical Location b) Weber's Theory c) Tord Pacenden Theory.

Unit III: Industrial Policy

Small Scale Industries: Definition of Small Scale and Cottage Industries – Role of Small Scale Industries in India - Policy Perspectives to help Small and Tiny Sector – Indian Industrial Policy of 1956, 1977 and 1991.

Unit IV: Industrial Efficiency

Industrial Spectrum – Size based, Input based, Use based, Proprietary based Classification – Industrial Efficiency: Meaning and Determinants – Measurement Efficiency Levels – Efficiency and Decision making Process.

Unit V: Investment Decision

Nature and Types of Investment Decision – Preparation of Time profile – Methods of Project Evaluation: Pay Back Method – Accounting Rate of Return Method – Net present value Method – Internal rate of Return Method.

TEXT BOOK:

1. Barthwal R.R., Industrial Economics, New Age International (P) Ltd, New Delhi.

RECOMMENDED BOOKS

1. Varshney and Maheswari, Managerial Economics, S.Chand and Co. New Delhi.
2. Pandey L.M., Elements of Financial Management, Wiley Eastern Ltd., New Delhi.
3. Prasad L., Industrialisation Concepts and Issues, S.Chand & Co, New Delhi.
4. Singh J and Sadhu A.N., Industrial Economics, Himalaya Publishing House, Bombay.

Course Contents and Lecture Schedule

Units	Topics	Hours	Mode of Teaching
Unit I: Industry and Economic Development			
	Meaning and Role of Industrialisation – Inter-relationship between Industry and Agriculture	6	Lecture & GD
	Impact of Industrialisation On Employment, Productivity	9	Lecture & MT
	Foreign Trade, Environment and Social Change – Factors determining Industrialisation – Industrial Development Before and After Reforms in India	5	Lecture & PPT
Unit II: Industrial Location Analysis			
	Determinants – Technical, Economic and Infrastructural factors	6	Lecture & GD
	Approaches to Industrial Location: a) Geographical Location b) Weber's Theory c) Tord Pacenden Theory	9	Lecture & MT
Unit III: Industrial Policy			
	Small Scale Industries: Definition of Small Scale and Cottage Industries – Role of Small Scale Industries in India	6	Lecture & GD
	Policy Perspectives to help Small and Tiny Sector	5	Lecture, PPT & MT
	Indian Industrial Policy of 1956, 1977 and 1991	4	Lecture
Unit IV: Industrial Efficiency			
	Industrial Spectrum – Size based, Input based, Use based, Proprietary based Classification	7	Lecture & GD
	Industrial Efficiency: Meaning and Determinants – Measurement Efficiency Levels	8	Lecture & MT
	Efficiency and Decision making Process	5	Lecture
Unit V: Investment Decision			
	Nature and Types of Investment Decision.	8	Lecture, MT & GD
	Preparation of Time profile	7	Lecture & ICT
	Methods of Project Evaluation- Pay Back Method – Accounting Rate of Return Method – Net present value Method – Internal rate of Return Method	5	Lecture

Course Outcomes Cos	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Scores of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	4	4	3	4	4	3	4	4	4	4	3.8
CO2	3	4	3	3	4	4	4	3	3	4	3.5
CO3	4	4	3	3	3	4	4	4	4	3	3.6
CO4	3	4	3	4	4	4	3	3	4	3	3.5
CO5	3	3	4	4	3	4	3	4	4	4	3.6
Mean Overall Score											3.6

Result: the Score for this Course is 3.6 (High Relation)

Course Designer: Dr. M. PAPPA

DEGREE : M.A. Economics **CLASS : Second Year**
SEMESTER : III **CREDITS : 05**
SUBJECT CODE : EEC **HOURS : 90**

ELECTIVE: HUMAN RESOURCE MANAGEMENT

Pedagogy	Hours P/W	Lecture	ICT	GD	PPT	Micro Teaching
	6	3	√	1	1	1

Preamble:

1. To enable the students to learn the principles and practices of developing human resources.
2. To enable the students to acquire and skills needed for career.

Course Outcomes At the end of the semester, the students will be able to	Unit	Hrs P/S
CO1: integrate personal management and Human resource management and also realizing the features and importance of HRM.	I	15
CO2: apply theoretical and practical knowledge to collect data and to describe the concepts of job analysis, job description, job evaluation and job design.	II	20
CO3: evolving feasible solutions to deal with problems of a selection, training programmes, promotions and transfer.	III	20
CO4: examine the sound incentive plan and various methods of performance appraisal.	IV	20
CO5: acquiring professional competencies – motivation, Need hierarchy, Participation etc.	V	15

DEGREE	**: M.A. Economics**	**CLASS**	**: Second Year**
SEMESTER	**: III**	**CREDITS**	**: 05**
SUBJECT CODE	**: EEC**	**HOURS**	**: 90**

ELECTIVE: HUMAN RESOURCE MANAGEMENT

Unit I: Human Resource Management

Definition – Characteristics - Objectives – Systems Approach to HRM – Importance – Functions – Difference between Personal Management and Human Resource Management.

Unit II: Human Resource Planning

Definition – Objectives – Human Resource Planning Process – Job Analysis: Meaning – Process of Job analysis – Methods of data Collection – Job Description – Job Specification – Job Evaluation – Job Design: Concept – Factors affecting Job Design – Methods of Job Design – Recruitment: Meaning – Factors – Sources – Recruitment process – Methods of Recruitment.

Unit III: Selection and Training

Selection: Meaning – Need for Scientific Selection – Selection Methods - Training: Meaning – Importance – Steps in Training Programmes – Promotions: Types – Purposes – Policy- Transfer: Meaning – Need – Types – Policy.

Unit IV: Incentives and Performance Appraisal

Incentives: Meaning – Types – Advantages and Limitations – Essentials of a sound Incentive Plan – Performance Appraisal: Concept - Objectives – Importance – Elements – Problems – Methods of performance Appraisal.

Unit V: Motivation

Meaning – Importance – Theories of Motivation: Maslow's Hierarchy of Needs Theory – Herzberg's Motivation Hygienic Theory - McGregor's Participation Theory.

TEXT BOOKS:

1. Khanka S.S., Human Resource Management, S.Chand & Company Ltd., New Delhi.

RECOMMENDED BOOKS:

1. Bhaskar Chatterjee, Human Resource Management, Sterling Publishers (P) Ltd., New Delhi.
2. Gupta C.B., Human Resource Management, S.Chand & Sons, New Delhi.
3. Sharma R., Human Resource Management, Lakshmi Narain Agarwal Educational Publishers, Agra.
4. Aswathappa, Human Resources and Personal Management, Tata Mc Graw Hill, Bombay.

Course Contents and Lecture Schedule

Units	Topics	Hours	Mode of Teaching
Unit I: Human Resource Management			
	Definition – Characteristics - Objectives	5	Lecture & GD
	Systems Approach to HRM – Importance – Functions	5	Lecture & GD
	Difference between Personal Management and Human Resource Management	5	Lecture & GD
Unit II: Human Resource Planning			
	Definition – Objectives – Human Resource PlanningProcess	7	Lecture & GD
	Job Analysis: Meaning – Process of Job analysis – Methods of data Collection – Job Description – Job Specification – Job Evaluation	7	Lecture & MT
	Job Design: Concept – Factors affecting Job Design – Methods of Job Design – Recruitment: Meaning – Factors – Sources – Recruitment process – Methods of Recruitment	6	Lecture
Unit III: Selection and Training			
	Selection: Meaning – Need for Scientific Selection – Selection Methods	5	Lecture
	Training: Meaning – Importance – Steps in Training Programmes	10	Lecture, GD, ICT & MT
	Promotions: Types – Purposes – Policy- Transfer: Meaning – Need – Types – Policy	5	Lecture
Unit IV: Incentives and Performance Appraisal			
	Incentives: Meaning – Types – Advantages and Limitations – Essentials of a sound Incentive Plan	5	Lecture
	Performance Appraisal: Concept - Objectives – Importance – Elements – Problems – Methods of performance Appraisal	15	Lecture & GD
Unit V: Motivation			
	Meaning – Importance	5	Lecture & MT
	Theories of Motivation: Maslow's Hierarchy of Needs Theory – Herzberg's Motivation Hygienic Theory - McGregor's Participation Theory	10	Lecture & GD

Course Outcomes Cos	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Scores of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	4	3	3	4	4	4	4	3	3	3	3.5
CO2	3	4	4	3	4	4	3	4	4	3	3.6
CO3	4	4	3	3	3	4	3	4	3	4	3.5
CO4	3	4	4	3	3	3	4	3	3	4	3.4
CO5	3	4	4	3	4	4	3	4	4	4	3.7
Mean Overall Score											3.54

Result: the Score for this Course is 3.54 (High Relation) Course Designer: Dr. M.PAPPA

DEGREE : M.A. Economics **CLASS : Second Year**
SEMESTER : IV **CREDITS : 05**
SUBJECT CODE : EED **HOURS : 90**

ELECTIVE: COMPUTER APPLICATION IN ECONOMICS

Pedagogy	Hours P/W	Lecture	GD	ICT	Practical
	6	3	1	√	2

Preamble:

1. To provide hands- on -training to enable students to develop computer- aided application skills in social science research.
2. To help the students to enhance their employability and prepare them for the challenges of the future

Course Outcomes At the end of the semester, the students will be able to	Unit	Hrs P/S
CO1: understand the fundamentals of computer	I	18
CO2: describe the various features of MS-word and applying for the Project	II	18
CO3: discuss the application of Excel and use of charts	III	18
CO4:discuss the application of Excel and use of charts	IV	18
CO5: decide the selection of Statistical tools using SPSS	V	18

DEGREE	**: M.A. Economics**	**CLASS**	**: Second Year**
SEMESTER	**: IV**	**CREDITS**	**: 05**
SUBJECT CODE	**: EED**	**HOURS**	**: 90**

ELECTIVE: COMPUTER APPLICATION IN ECONOMICS

Unit I: Introduction

Fundamentals of Computer – Generation – Classification – Components of Computer – Hardware and Software – Computer Applications.

Unit II: MS Word '07

Introduction – Components – Features – Creating Documents – Saving Documents – Formatting Documents – Editing Documents – Tables – Mail Merge.

Unit III: MS Excel '07

Components – Features – Creating workbook – Entering data in the work book – Inserting and Deleting Columns and Rows – Resizing Columns and Rows – Creation of Charts.

Unit IV: Introduction to SPSS (17.0)

Opening a Data File – SPSS Data Editor: Variable View and Data View- Entering Data – Saving a Data File – Editing and Manipulating Data – Missing Values – Editing SPSS Output – Copying SPSS Output – Printing and Closing.

Unit V: Application of Statistics with SPSS

Measures of Central Tendency (Mean, Median and Mode) – Measures of Dispersion (Standard Deviation, Skewness and Kurtosis) – Simple Correlation – Simple Linear Regression

TEXT BOOK:

1. Malhotra T.D., Computer Application in Business, Kalyani Publishers, Chennai.

RECOMMENDED BOOKS:

1. Ajai S. Gaur and Sanjaya S. Gaur, Statistical Methods for Practice and Research, a Guide to Data Analysis using SPSS, Response Books, New Delhi.
2. Parameswaran R., Computer Application in Business, S.Chand & Company Ltd., New Delhi.
3. Rajathi A. and Chandran P., SPSS for You, MJP Publishers, Chennai.
4. Rajaraman V., Fundamentals of Computer, Prentice Hall of India, New Delhi.

Course Contents and Lecture Schedule

Units	Topics	Hours	Mode of Teaching
Unit I: : Introduction			
	Fundamentals of Computer – Generation	6	Lecture
	Classification – Components of Computer	6	Lecture
	Hardware and Software – Computer Applications	6	Lecture & GD
Unit II: MS Word '07			
	Introduction – Components – Features	6	Lecture
	Creating Documents – Saving Documents – Formatting Documents – Editing Documents	6	Lecture
	Tables – Mail Merge	6	Lecture & Practical
Unit III: MS Excel '07			
	Components – Features – Creating workbook – Entering data in the work book	6	Lecture
	Inserting and Deleting Columns and Rows – Resizing Columns and Rows	6	Lecture
	Creation of Charts	6	Lecture & Practical
Unit IV: Introduction to SPSS (17.0)			
	Opening a Data File – SPSS Data Editor: Variable View and Data View	6	Lecture
	Entering Data – Saving a Data File – Editing and Manipulating Data – Missing Values	6	Lecture
	Editing SPSS Output – Copying SPSS Output – Printing and Closing	6	Lecture
Unit V: Application of Statistics with SPSS			
	Measures of Central Tendency (Mean, Median and Mode) –	6	Lecture & Practical
	Measures of Dispersion (Standard Deviation, Skewness and Kurtosis) –	6	Lecture & Practical
	Simple Correlation – Simple Linear Regression	6	Lecture & Practical

Course Outcomes Cos	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Scores of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	4	4	3	4	3	4	4	3	3	3	3.5
CO2	4	4	3	4	3	4	3	3	3	3	3.4
CO3	4	4	4	3	3	4	4	4	3	3	3.6
CO4	4	4	4	3	3	4	3	3	4	3	3.5
CO5	4	4	3	3	3	4	4	3	3	3	3.4
Mean Overall Score											3.48

Result: the Score for this Course is 3.48 (High Relation) Course Designer: Dr.T.SUJATHA

DEGREE	**: M.A. Economics**	**CLASS**	**:**
SEMESTER	**:**	**CREDITS**	**: 05**
SUBJECT CODE	**:**	**HOURS**	**: 90**

ELECTIVE: QUANTITATIVE TECHNIQUES IN ECONOMICS

Pedagogy	**Hours P/W**	**Lecture**	**ICT**	**GD**	**PPT**
	6	**4**	√	**1**	**1**

Preamble:

1. To understand economic problems, quantitative techniques in the area of Economics.
2. To study the elementary concept of functions, linear programming, game theory.

Course Outcomes At the end of the semester, the students will be able to	Unit	Hrs P/S
CO1: understand classification of Quantitative Techniques and its Role	I	9
CO2: **a**nalyse the Types and process of Matrix and Input Output Models	II	18
CO3: evaluation of Production functions and cost curves	III	22
CO4: synthesis of Linear Programming and simplex method	IV	22
CO5: practice the Game theory Basic Concepts, problems, Pay Off Matrix and Graphical Method	V	19

DEGREE	**: M.A. Economics**	**CLASS**	**:**
SEMESTER	**:**	**CREDITS**	**: 05**
SUBJECT CODE	**:**	**HOURS**	**: 90**

ELECTIVE: QUANTITATIVE TECHNIQUES IN ECONOMICS

Unit I: Introduction

Meaning – Classification of Quantitative Techniques – Programming Techniques & Statistical Techniques - Role of Quantitative Techniques - Limitations of Quantitative Techniques.

Unit II: Input-Output Analysis

Meaning – Types – Addition – Subtraction – Multiplication – Inverse of a Matrix – Input – Output Models – Closed, Open Model – Hawkins – Simons Conditions – Uses & Limitations.

Unit III: Production Function

Introduction – Theory of Firm – Estimation of Production Function – Cobb-Douglas Production Function – The CES Production Function – Estimation of Cost Curves.

Unit IV: Linear Programming

Introduction – Meaning, Assumptions, Formulation – Graphical Solution – Simplex Method (Slack Variable Only)

Unit V: Theory of Games

Basic Concepts – Two Persons, Constant – Sum and Zero – Sum Game – Pay off Matrix – Saddle Point 2x2 Game, Without Saddle Point – Dominance Rule - Graphical Method.

TEXT BOOK:

1. Sachdeva S., Quantitative Techniques, Lakshmi Narain Agarwal Educational Publishers, Agra.

RECOMMENDED BOOKS

1. Mehta and Madnanni, Mathematics for Economist, S. Chand & Sons, New Delhi.
2. Veerachamy R., Quantitative Techniques for Economists, New Age International Publishers, New Delhi.
3. Gupta S.C. and Kapoor V.K., Fundamentals of Applied Statistics, S.Chand and sons, New Delhi.
4. Mukherji B and Pandit V., Mathematical Method of Economic Analysis, Allied Publishers, New Delhi.

Course Contents and Lecture Schedule

Units	Topics	Hours	Mode of Teaching
Unit I: Introduction			
	Meaning – Classification of Quantitative Techniques	3	Lecture & GD
	Programming Techniques & Statistical Techniques -	3	Lecture
	Role of Quantitative Techniques - Limitations of Quantitative Techniques	3	Lecture & GD
Unit II: Input-Output Analysis			
	Meaning – Types – Addition – Subtraction – Multiplication – Inverse of a Matrix	6	Lecture
	– Input – Output Models – Closed, Open Model	6	Lecture
	Hawkins – Simons Conditions – Uses & Limitations	6	Lecture
Unit III: Production Function			
	Introduction – Theory of Firm – Estimation of Production Function	6	Lecture
	Cobb-Douglas Production Function	8	Lecture
	The CES Production Function – Estimation of Cost Curves	8	Lecture
Unit IV: Linear Programming			
	Introduction – Meaning, Assumptions, Formulation	6	Lecture
	Graphical Solution	8	Lecture
	Simplex Method (Slack Variable Only)	8	Lecture
Unit V: Theory of Games			
	Basic Concepts – Two Persons, Constant – Sum and Zero – Sum Game	3	Lecture
	Pay off Matrix – Saddle Point 2x2 Game, Without Saddle Point	8	Lecture
	Dominance Rule - Graphical Method	8	Lecture

Course Outcomes Cos	Programme Outcomes (Pos)					Programme Specific Outcomes (PSOs)					Mean Scores of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	4	4	4	3	3	4	3	4	3	3	3.5
CO2	4	4	4	3	4	4	4	3	3	3	3.6
CO3	4	3	4	4	3	4	3	4	3	2	3.4
CO4	4	4	4	3	4	4	4	4	3	3	3.7
CO5	4	4	4	3	4	4	4	4	3	4	3.8
Mean Overall Score											3.6

Result: the Score for this Course is 3.6 (High Relation) Course Designer: Dr.R.BOOMA DEVI

DEGREE : M.A. Economics **CLASS :**
SEMESTER : **CREDITS : 05**
SUBJECT CODE : **HOURS : 90**

ELECTIVE: MARKETING MANAGEMENT

Pedagogy	Hours P/W	Lecture	ICT	GD
	6	4	√	1

Preamble:

1. To facilitate understanding of conceptual framework of Marketing.
2. To study the various issues in marketing research

Course Outcomes At the end of the semester, the students will be able to	Unit	Hrs P/S
CO1: understand the modern concept of marketing, types of markets and explain the marketing functions	I	15
CO2: analyse the macro and micro components and their impact on marketing decision	II	18
CO3: explain the concept of product mix, product line, branding, packaging and labelling and describe the Product Life Cycle	III	20
CO4: enable the students to know the channels of distribution and to understand the factors influencing channel selection	IV	20
CO5: illustrate the concept of marketing research and describe social, ethical and legal effects of marketing	V	17

DEGREE	**: M.A. Economics**	**CLASS**	**:**
SEMESTER	**:**	**CREDITS**	**: 05**
SUBJECT CODE	**:**	**HOURS**	**: 90**

ELECTIVE: MARKETING MANAGEMENT

Unit I: Introduction

Marketing- Goal of Marketing – Marketing functions – Types of Markets – Marketing of Services - Scope of Marketing - Marketing Concepts – Changes in the Concept of Marketing.

Unit II: Market Analysis and Selection

Market Environment – Macro and Micro Components and their Impact on Marketing Decision – Market Segmentation and Positioning - Buyer Behaviour, Consumer Vs Organizational Buyer - Consumer Decision – Marketing Process.

Unit III: Product and Pricing Decisions

Concept of a Product - Classification of Products - Major Product Decisions - Product Line and Product Mix – Branding - Packaging and Labeling - Product Life Cycle – Strategic Implications in New Product Development and Consumer Adaptation Process- Factors affecting Price Determination - Pricing policies and Strategies- Discounts and Rebates.

Unit IV: Distribution Channels and Promotion Decisions

Nature – Function - Types of Distribution Channels – Intermediaries - Channel Management Decision - Retailing and Wholesaling - Communication Process - Promotion Mix – Advertising - Personal Selling - Sales Promotion - Publicity and Public Relation - Advertising Budget - Copy Designing and its Testing - Media Selection - Advertising Effectiveness - Sales Promotion - Tools and Techniques.

Unit V: Marketing Research and Issues in Marketing

Meaning and Scope of Marketing Research - Marketing Research Process - Social, Ethical and Legal aspects of Marketing - Marketing of Services - Bank Marketing – Marketing of Health Services.

TEXT BOOK:

1. Philip Kotler , Marketing Management , Prentice Hall of India Ltd., New Delhi.

RECOMMENDED BOOKS:

1. Beri , Marketing Research ,Tata McGraw Hill, New Delhi.
2. Ramaswamy V. and Namakumarai S., Marketing Management, Macmilan Company of India Ltd., New Delhi.
3. Sherlekar S.A., Marketing Management, Himalaya Publishing House, New Delhi.
4. Rajan Nair N., Sanjith R.Nair, Marketing, Sultan Chand & Sons, New Delhi.

Course Contents and Lecture Schedule

Units	Topics	Hours	Mode of Teaching
Unit I: Introduction			
	Marketing- Goal of Marketing – Marketing functions	5	Lecture
	Types of Markets – Marketing of Services - Scope ofMarketing	5	Lecture & GD
	Marketing Concepts – Changes in the Concept of Marketing	5	Lecture & GD
Unit II: Market Analysis and Selection			
	Market Environment – Macro and Micro Components and their Impact on Marketing Decision	5	Lecture
	Market Segmentation and Positioning - Buyer Behaviour, Consumer Vs Organizational Buyer	7	Lecture & GD
	Consumer Decision – Marketing Process	6	Lecture
Unit III: Product and Pricing Decisions			
	Concept of a Product - Classification of Products - Major Product Decisions - Product Line and Product Mix – Branding - Packaging and Labeling	6	Lecture
	Product Life Cycle – Strategic Implications in New Product Development and Consumer Adaptation Process	6	Lecture
	Factors affecting Price Determination - Pricing policies and Strategies- Discounts and Rebates	8	Lecture & GD
Unit IV: Distribution Channels and Promotion Decisions			
	Nature – Function - Types of Distribution Channels – Intermediaries - Channel Management Decision - Retailing and Wholesaling	6	Lecture & ICT
	Communication Process - Promotion Mix – Advertising - Personal Selling - Sales Promotion - Publicity and Public Relation	6	Lecture
	Advertising Budget - Copy Designing and its Testing - Media Selection - Advertising Effectiveness - Sales Promotion - Tools and Techniques	8	Lecture & GD
Unit V: Marketing Research and Issues in Marketing			
	Meaning and Scope of Marketing Research - Marketing Research Process - Social, Ethical and Legal aspects of Marketing	10	Lecture & PPT
	Marketing of Services - Bank Marketing – Marketing of Health Services	7	Lecture

Course Outcomes Cos	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Scores of Cos
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	4	3	3	4	4	3	4	3	3	4	3.5
CO2	3	4	4	3	4	3	3	4	4	3	3.5
CO3	4	3	3	4	4	3	4	3	3	3	3.4
CO4	3	4	3	3	4	3	3	4	3	3	3.3
CO5	4	3	4	3	4	4	3	3	4	3	3.5
Mean Overall Score											3.44

Result: the Score for this Course is 3.44 (High Relation) Course Designer: Dr. S.KUMARI JANANI

DEGREE : M.A. Economics **CLASS :**
SEMESTER : **CREDITS : 5**
SUBJECT CODE : **HOURS : 90**

ELECTIVE: GLOBALISATION AND ECONOMIC REFORMS

Pedagogy	Hours P/W	Lecture	ICT	PPT	GD
	6	4	√	1	1

Preamble:

1. To enable students to acquaint with current economic affairs.
2. To analyse sectoral reforms and its impact.

Course Outcomes At the end of the semester, the students will be able to	Unit	Hrs P/S
CO1: define the concepts of Globalization and explain its Advantages and disadvantages of Globalization	I	18
CO2: describe the concept of Liberalization and analyse the Advantages and Disadvantages of Liberalization	II	18
CO3:discuss the concept of Privatization and Examine the Methods of Privatization	III	18
CO4: evaluate the Economic Reforms and analyse the impact of Economic Reforms in various sectors	IV	18
CO5:synthesis the measures of Globalization and interpret the impact of Globalization in various field.	V	18

DEGREE	**: M.A. Economics**	**CLASS**	**:**
SEMESTER	**:**	**CREDITS**	**: 5**
SUBJECT CODE :		**HOURS**	**: 90**

ELECTIVE: GLOBALISATION AND ECONOMIC REFORMS

Unit I: Introduction to Globalisation

Concept – Origin – Features – Process – Approaches – Major forces of Globalization – Ideology of Globalization: Economics, Political and Religious Dimensions.

Unit II: Effects and Challenges of Globalisation

Effects of Globalisation on the World Economy – Experiences of Countries on Globalisation – Mergers and Acquisitions – Impact of Globalisation – Alternatives to Globalisation – Challenges and Opportunities.

Unit III: Liberalisation, Privatisation and Globalisation

State Vs Market – Deregulation and Decontrol – Investment – Technology Transfer – Privatisation: Ownership – Organisational – Operational Measures – Factor Mobility.

Unit IV: Globalisation in India

Globalisation and its Impact on India: Trade, Employment, Investment, Labour, Inequality and Poverty – Need for Policy Framework – Challenges.

Unit V: Economics Reforms and its Impact

Financial Sector Reforms – Fiscal Sector Reforms – Agricultural and Industrial Sector Reforms – External Sector Reforms – Indian Perspectives.

TEXT BOOK:

1. Misra S.K.and Puri V.K., Indian Economy, Himalaya Publishing House, New Delhi.

RECOMMENDED BOOKS:

1. Bimal Jalan, India's Economy in the New Millennium: Selected Essays, UBS Publishers and Distributors Private Limited, New Delhi. .
2. Ruddar Datt and K.P.M.Sundharam, Indian Economy, S.Chand & Company, New Delhi.
3. Jagdish Gandhi P., Globalised in Indian economy : Contemporary Issues and perspectives Deep and Deep Publications Private Limited, New Delhi.
4. Sury M.M., India: A Decade of Economic Reforms 1991-2001, New Century Publications, New Delhi.

Course Contents and Lecture Schedule

Units	Topics	Hours	Mode of Teaching
Unit I: Introduction to Globalisation			
	Concept – Origin – Features – Process	6	Lecture
	Approaches – Major forces of Globalization	6	Lecture & GD
	Ideology of Globalization: Economics, Political and Religious Dimensions	6	Lecture& PPT
Unit II: Effects and Challenges of Globalisation			
	Effects of Globalisation on the World Economy – Experiences of Countries on Globalisation	6	Lecture
	Mergers and Acquisitions – Impact of Globalisation – Alternatives to Globalisation	6	Lecture & GD
	Challenges and Opportunities	6	Lecture& PPT
Unit III: : Liberalisation, Privatisation and Globalisation			
	State Vs Market – Deregulation and Decontrol –	6	Lecture
	Investment – Technology Transfer – Privatisation: Ownership – Organisational –	6	Lecture
	Operational Measures – Factor Mobility	6	Lecture& PPT
Unit IV: : Globalisation in India			
	Globalisation and its Impact on India: Trade, Employment, Investment, Labour, Inequality and Poverty	6	Lecture
	Need for Policy Framework	6	Lecture & GD
	Challenges	6	Lecture& ICT
Unit V: Economics Reforms and its Impact			
	Financial Sector Reforms – Fiscal Sector Reforms	6	Lecture
	– Agricultural and Industrial Sector Reforms	6	Lecture & GD
	– External Sector Reforms – Indian Perspectives	6	Lecture& PPT

Course Outcomes Cos	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Scores of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	4	4	4	4	4	3	3	3	3	3	3.5
CO2	4	4	4	4	4	4	4	4	4	4	4.0
CO3	4	3	4	3	4	3	2	4	3	4	3.4
CO4	4	3	4	3	3	3	4	4	3	4	3.5
CO5	4	4	3	4	3	3	4	4	3	3	3.5
Mean Overall Score											3.58

Result: the Score for this Course is 3.58 (High Relation) Course Designer:Dr.T.SUJATHA

DEGREE : M.A. Economics **CLASS :**
SEMESTER : **CREDITS : 05**
SUBJECT CODE : **HOURS : 90**

ELECTIVE: ECONOMICS OF INFRASTRUCTURE

Pedagogy	Hours P/W	Lecture	ICT	PPT	GD
	6	4	√	1	1

Preamble:

1. To know the concept of infrastructure and economic development.
2. To understand the different health dimension and determinants of health factors.

Course Outcomes At the end of the semester, the students will be able to	Unit	Hrs P/S
CO1: describe the different aspects of infrastructure and economic development	I	18
CO2: analyse the structure of Transport Cost and Functions in the transport sector	II	18
CO3: discuss the energy scenario in India	III	18
CO4: examine the status of thermal Hydro and Nuclear Power Plants in India	IV	18
CO5: explain the achievement of social services and Determinants of Health factors in India	V	18

DEGREE	**: M.A. Economics**	**CLASS**	**:**
SEMESTER	**:**	**CREDITS**	**: 05**
SUBJECT CODE	**:**	**HOURS**	**: 90**

ELECTIVE: ECONOMICS OF INFRASTRUCTURE

Unit I: Introduction

Infrastructure and Economic Development - Infrastructure as a Public Good - Social and Physical Infrastructure - Special Characteristics of Public Utilities – Peak – Load off – Load Problem – Free Prices, Equity and Efficiency.

Unit II: Transport

Structure of Transport Cost – Demand for Transport – Models of Freight and Passengers Demand – Cost Functions in the Transport Sector – Rate making in Telephone Utilities – Characteristics of Postal Services.

Unit III: Energy

Definition – Energy Shortages – Energy Conservation – Sources – Energy Scenario in Indian Context.

Unit IV: Electricity, Gas and Water Supply

Bulk Supply and Pricing of Electricity - Relative Economics of Thermal, Hydro and Nuclear Power Plants - Urban and Rural Water Supply.

Unit V: Social Infrastructure

Achievement of Social Services in the Successive Indian Plans - Education and Economic Growth – Approaches to Educational Planning – Structure of Primary and Higher Education in India – Health Dimensions – Determinants of Health Factors – Inequalities of Health (Gender issues).

TEXT BOOK:

1. Dash L.N., Economics of infrastructure: Growth and Development, Regal Publications, New Delhi.

RECOMMENDED BOOKS:

1. Paribh K.S., Indian Development Report–1999–2000, Oxford, New Delhi.
2. Baru R.V., Private Health care in India: Social Characteristics and trends, Sage Publications, New Delhi.
3. Berman P. and Khan M.E., Paying for India's Health care, Sage Publications, New Delhi.
4. Naik J.P., Equality, Quality and Qunatity, Allied Publishers, Bombay.

Course Contents and Lecture Schedule

Units	Topics	Hours	Mode of Teaching
Unit I: Introduction			
	Infrastructure and Economic Development - Infrastructure as a Public Good	6	Lecture
	Social and Physical Infrastructure	6	Lecture
	Special Characteristics of Public Utilities – Peak – Load off – Load Problem – Free Prices, Equity and Efficiency	6	Lecture & GD
Unit II: Transport			
	Structure of Transport Cost – Demand for Transport – Models of Freight and Passengers Demand	6	Lecture
	Cost Functions in the Transport Sector – Rate making in Telephone Utilities	6	Lecture
	Characteristics of Postal Services	6	Lecture & PPT
Unit III: Energy			
	Definition – Energy Shortages	4	Lecture
	Energy Conservation – Sources	8	Lecture & GD
	Energy Scenario in Indian Context Energy Scenario in Indian Context	6	Lecture & PPT
Unit IV: : Electricity, Gas and Water Supply			
	Bulk Supply and Pricing of Electricity	6	Lecture
	Relative Economics of Thermal, Hydro and Nuclear Power Plants	6	Lecture
	Urban and Rural Water Supply	6	Lecture
Unit V: Social Infrastructure			
	Achievement of Social Services in the Successive Indian Plans - Education and Economic Growth	6	Lecture
	Approaches to Educational Planning – Structure of Primary and Higher Education in India	6	Lecture
	Health Dimensions – Determinants of Health Factors – Inequalities of Health (Gender issues)	6	Lecture & GD

Course OutcomesCOs	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Scores of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	4	4	4	4	3	4	4	3	4	3	3.7
CO2	4	4	4	4	4	4	4	4	4	3	3.9
CO3	4	3	3	4	3	3	4	3	4	2	3.3
CO4	4	4	4	4	3	4	3	3	3	3	3.5
CO5	4	4	4	4	4	4	4	4	4	4	4
Mean Overall Score											3.68

Result: the Score for this Course is 3.68 (High Relation) Course Designer: Dr.P.MAHESWARI

NON - MAJOR ELECTIVE

DEGREE : M.A. Economics **CLASS : Second Year**
SEMESTER : III **CREDITS : 02**
SUBJECT CODE: NMPE **HOURS : 30**

NME: GLOBALIZATION AND ECONOMIC REFORMS

Pedagogy	**Hours P/W**	**Lecture**	**PPT**	**ICT**
	2	**2**	√	√

Preamble:

1. To enable students to acquaint with current economic affairs.
2. To analyse sectoral reforms and its impact.

Course Outcomes At the end of the semester, the students will be able to	Unit	Hrs P/S
CO1: define the concepts of Globalization and explain its Advantages and disadvantages of Globalization	I	6
CO2: describe the concept of Liberalization and analyse the Advantages and Disadvantages of Liberalization	II	6
CO3:discuss the concept of Privatization and Examine the Methods of Privatization	III	6
CO4: evaluate the Economic Reforms and analyse the impact of Economic Reforms in various sectors	IV	6
CO5:synthesis the measures of Globalization and interpret the impact of Globalization in various field.	V	6

DEGREE	**: M.A. Economics**	**CLASS**	**: Second Year**
SEMESTER	**: III**	**CREDITS**	**: 02**
SUBJECT CODE:	**NMPE**	**HOURS**	**: 30**

NME: GLOBALIZATION AND ECONOMIC REFORMS

Unit - I: Introduction to Globalization

Meaning – Introduction to Globalization – Need for Globalization – Features - Advantages and Disadvantages of Globalization.

Unit – II: Liberalization

Meaning – Features – Advantages and Disadvantages of Liberalization.

Unit – III: Privatization

Meaning – Scope – Rationale – Privatization Policy in India- Decontrol, Disinvestment and Deregulation – Methods of Privatization.

Unit – IV: Economic Reforms in India

Origin – Reasons – Fiscal Reforms, Financial Sector Reforms, Trade Reforms – Evaluation of Economic Reforms in India – Impact of Economic Reforms in India.

Unit – V: Globalization in India

Measures of Globalization – Impact of Globalization – Need for future policy framework.

TEXT BOOK:

1. Misra S.K. and V.K. Puri, Indian Economy, Himalaya Publishing House, New Delhi.

RECOMMENDED BOOKS:

1. Sankaran S., Indian Economy, Margham Publications, Chennai.
2. Gaurav Datt and Ashwani Mahajan, Indian Economy, S.Chand and Company Private Ltd., New Delhi.
3. Ruddar Datt, Economic Reforms in India – A Critique, S.Chand &Company, New Delhi.
4. Anupama Tandon, Challenges of Globalization, Atlantic Publishers Ltd., New Delhi.

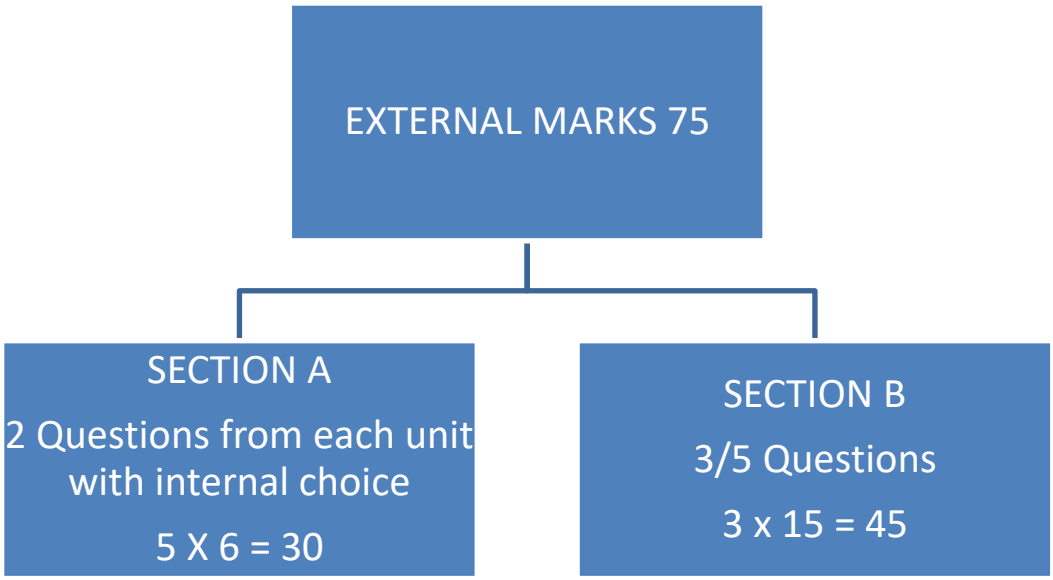
Course Contents and Lecture Schedule

Units	Topics	Hours	Mode of Teaching
Unit I: Introduction to Globalization			
	Meaning – Introduction to Globalization	2	Lecture & PPT
	Need for Globalization – Features	2	Lecture
	Advantages and Disadvantages of Globalization	2	Lecture & GD
Unit II: Liberalization			
	Meaning	2	Lecture
	Features	2	Lecture & GD
	Advantages and Disadvantages of Liberalization	2	Lecture & GD
Unit III: Privatization			
	Meaning – Scope – Rationale	2	Lecture
	Privatization Policy in India- Decontrol, Disinvestment and Deregulation	2	Lecture & PPT
	Methods of Privatization	2	Lecture & PPT
Unit IV: Economic Reforms in India			
	Origin – Reasons	2	Lecture
	Fiscal Reforms, Financial Sector Reforms, Trade Reforms	2	Lecture & PPT
	Evaluation of Economic Reforms in India – Impact of Economic Reforms in India	2	Lecture & GD
Unit V: Globalization in India			
	Measures of Globalization	2	Lecture
	Impact of Globalization	2	Lecture & PPT
	Need for future policy framework	2	Lecture & ICT

Course Outcomes Cos	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Scores of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	4	4	4	4	4	3	3	3	3	3	3.5
CO2	4	4	4	4	4	4	4	4	4	4	4.0
CO3	4	3	4	3	4	3	2	4	3	4	3.4
CO4	4	3	4	3	3	3	4	4	3	4	3.5
CO5	4	4	3	4	3	3	4	4	3	3	3.9
Mean Overall Score											3.7

Result: the Score for this Course is 3.7 (High Relation) Course Designer: Mrs. S.SUKUMARI

QUESTION PAPER PATTERN – P.G



BLOOM'S TAXONOMY

KNOWLEDGE	**50 %**
UNDERSTANDING	30%
APPLY	20%