

M.A. ECONOMICS

SE M	Course Code	Course	Course Title	Ins. Hrs / Week	Credi t	Exam Hrs	Marks		Total
							CIA	ESE	
I	20PEC1CC1	Core – I	Advanced Micro Economic Theory – I	6	5	3	25	75	100
	20PEC1CC2	Core – II	Advanced Macro Economic Theory	6	5	3	25	75	100
	20PEC1CC3	Core – III	Mathematical Applications in Economic Analysis	6	4	3	25	75	100
	20PEC1CC4	Core – IV	International Economics	6	4	3	25	75	100
	20PEC1DE1	DSE – I #		6	4	3	25	75	100
		TOTAL		30	22				500
II	20PEC2CC5	Core – V	Advanced Micro Economic Theory – II	6	5	3	25	75	100
	20PEC2CC6	Core – VI	Monetary Economics	6	5	3	25	75	100
	20PEC2CC7	Core – VII	Statistical Methods for Economic Analysis	6	4	3	25	75	100
	20PEC2CC8	Core – VIII	Evolution of Economic Thought	6	4	3	25	75	100
	20PEC2DE2	DSE – II #		6	4	3	25	75	100
		TOTAL		30	22				500
III	20PEC3CC9	Core – IX	Research Methodology	6	5	3	25	75	100
	20PEC3CC10	Core – X	Managerial Economics	6	5	3	25	75	100
	20PEC3CC11	Core – XI	Economics of Growth and Development	6	4	3	25	75	100
	20PEC3CC12T	Core – XII	Computer Applications in Economics – Theory	3	2	3	10	40	50
	20PEC3CC12P	Core – XII	Computer Applications in Economics – Practical	3	2	3	10	40	50
	20PEC3DE3	DSE – III #		6	4	3	25	75	100
	20PEC3EC1	Extra Credit Course - I	Online Course (MOOC)	-	1*	-	-	-	-
		TOTAL		30	22				500
IV	20PEC4CC13	Core – XIII	Indian Economic Development	6	5	3	25	75	100
	20PEC4CC14	Core – XIV	Public Finance	6	5	3	25	75	100
	20PEC4CC15	Core – XV	Comparative Economic Systems	6	5	3	25	75	100
	20PEC3DE4	DSE - IV #		6	4	3	25	75	100
	20PEC4PW	Project		6	4	-	-	100	100
	20PCNOC	Online Course (Compulsory)		-	1	-	-	-	
	20PEC4EC2	Extra Credit Course - II	Economics for Career Examinations	-	5*	3	-	100*	100*
		TOTAL		30	24				500
		GRAND TOTAL			90				2000

*Not considered for grand total and CGPA

Discipline Specific Elective

Semester	Course Code	Course Title
I	20PEC1DE1	Environmental Economics
	20PEC1DE1	Personnel Management
II	20PEC2DE2	Export Management
	20PEC2DE2	Industrial Economics
III	20PEC3DE3	Financial Economics
	20PEC3DE3	Entrepreneurial Development
IV	20PEC3DE4	Econometrics
	20PEC3DE4	Theory and Practices of Interest Free Banking and Finance

Semester	Code	Course	Title of the Course	Hours	Credits	Max. marks	Internal marks	External marks
I	20PEC1CC1	Core – I	ADVANCED MICRO ECONOMIC THEORY – I	6	5	100	25	75

Course outcomes:

1. Recognize the cardinal and ordinal approach
2. Describe theory of production
3. Analyze the price and output determination under different market situations
4. Validate the oligopoly models
5. Derive ideas of theories of firm and pricing

UNIT: I Demand Analysis

18 hours

Utility Theory – Cardinal & Ordinal approach – Indifference Curve analysis and its applications – Revealed preference theory – # Hicks Revised demand theory #.

UNIT: II Theory of Production

18 hours

Production function - short period and long period; law of variable proportions and returns to scale; Iso – quant – least cost combination of inputs; Euler's theorem – Technical progress and production function; Cobb-Douglas and CES production function – # Traditional and Modern theory of cost #.

UNIT: III Price – Output Determination

18 hours

Perfect Competition – Monopoly – Price discrimination – Monopolistic competition – # Wastages of Monopolistic competition #.

UNIT: IV Oligopoly Models

18 hours

Collusive Oligopoly and Non-Collusive Oligopoly – Cournot's Duopoly – Bertrand's duopoly Model – Chamberlains' Oligopoly Model – Kinked demand Model – Stackleberg Model – Cartels – # Price leadership #.

UNIT: V Alternative Theories of the Firm and Pricing

18 hours

Critical evaluation of Marginal analysis: Baumol's Revenue Maximisation – Williamson's Model of Managerial discretion – Marries Model of Managerial enterprise – Cyert and March Behavioural Model - Full cost pricing – # Bain's limit pricing theory #.

Self study portion

Text book

1. Ahuja H.L: Advanced Economic Theory, Micro Economic Theory, micro economic analysis ,
S. Chand company limited, 2018.
2. Diwiedi D.N : USB publishers distributors limited 2018
Unit-I : Pages: 127 to 194 T.B. 1
Unit-II : Pages: 315 to 357 T.B 1
Unit-III : Pages: 499 to 524 T.B 1
Unit-IV : Pages: 635 to 657 T.B 1
Unit-V : Paged: 658 to 673 T.B 1

Books for Study

1. John kennedy.M , Himalaya publishing house 2018

2. Jhinghan M.L, Vrinda publications, 8th Edition 2018

Web Reference : [www. Pearsoned.co.in/dndwivedi](http://www.Pearsoned.co.in/dndwivedi)

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes:

Semester	Code			Title of the Paper			Hours		Credits	
I	20PEC1CC1			ADVANCED MICRO ECONOMIC THEORY - I			6		5	
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)				
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	✓			✓		✓		✓	✓	✓
CO2	✓		✓	✓	✓	✓			✓	✓
CO3	✓	✓				✓	✓	✓	✓	✓
CO4	✓	✓	✓			✓			✓	✓
CO5	✓	✓		✓	✓	✓	✓	✓	✓	✓
Number of Matches= 35, Relationship : HIGH										

Prepared by:
Dr. D. KUMAR

Checked by: Dr. J. MOHAMED ZEYAVUDHEEN

Semester	Code	Course	Title of the Course	Hours	Credits	Max. marks	Internal marks	External marks
I	20PEC1CC2	Core – II	ADVANCED MACRO ECONOMIC THEORY	6	5	100	25	75

Course Outcomes:

1. Equip the students with the theoretical knowledge relating to classical model of equilibrium in different markets and to acquaint the students with knowledge of Keynesian Economics.
2. Equip the students to understand the different theories on consumption function.
3. Arrive at an understanding of ISLM frame work and to examine the impact of macro Economic policies.
4. Acquaint the students with the knowledge of inflation theories and to make the students aware of the tradeoff between inflation and unemployment.
5. Have an insight into the development to the modern Macro Economics.

UNIT : I CLASSICAL AND KEYNESIAN ECONOMICS

Say's law of market- Wage –price flexibility-Determination of output and employment- Labour market equilibrium-goods market equilibrium- Money market equilibrium-Keynes' criticism of classical theory#-Keynesian theory of employment.

UNIT : II POST KEYNESIAN THEORIES OF CONSUMPTION FUNCTION

Consumption puzzle: Kuznets's findings- Absolute income Hypothesis- Relative income Hypothesis- Permanent income Hypothesis-Life cycle hypothesis.

UNIT:- III INTEGRATION OF GOODS AND MONEY MARKETS

Link Between goods and money markets - goods market equilibrium-Money market equilibrium-General equilibrium-changes in general equilibrium-Effects of changes in monetary and fiscal policies-Monetary-fiscal policy mix.

UNIT : IV INFLATION AND UNEMPLOYMENT

Monetary theory – structural inflation- sectoral inflation- Phillips curve- Friedman's Long run Phillips curve- Tobin's view -Solow's view

UNIT : V MODERN MACRO ECONOMICS

Basic propositions of Rational expectations Hypothesis-Basic propositions and policy prescriptions of supply side Economics- features of New classical Macro Economics and New Keynesian Economics

#self study

TEXT BOOKS

M.L. Jhingan-Macro Economic Theory 12th edition

H.L.Ahuja- Macro Economic theory and Policy 17th edition

Unit-I: M.L. Jhingan-Macro Economic Theory P: 82-88, 226-228

Unit-II: M.L. Jhingan-Macro Economic Theory P: 118-129

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes:

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes:										
Semester	Code			Title of the Paper			Hours		Credits	
I	20PEC1CC2			ADVANCED MACRO ECONOMIC THEORY			6		5	
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)				
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	✓	✓				✓	✓	✓		
CO2	✓	✓				✓		✓	✓	
CO3	✓	✓				✓	✓	✓	✓	✓
CO4	✓	✓				✓		✓	✓	✓
CO5	✓	✓	✓	✓		✓	✓	✓		✓
Number of Matches= 33, Relationship : Moderate										

Prepared by:
Dr.A.J. HAJA MOHIDEEN

Checked by: Dr. J. MOHAMED ZEYAVUDHEEN

Semester	Code	Course	Title of the Course	Hours	Credits	Max. marks	Internal marks	External marks
I	20PEC1CC3	Core – III	MATHEMATICAL APPLICATIONS IN ECONOMIC ANALYSIS	6	4	100	25	75

COURSE OUTCOMES

1. Students will be able to understand the importance of curves in Economics and able to apply the techniques of straight line in economics.
2. Students acquire the skill of applying derivatives (Marginal Analysis) with maxima and minima.
3. Students are able to paraphrase partial derivatives (Marginal analysis with multiple firm and product) and its application in elasticities, price discrimination, etc.
4. Students are able to compute integration problems with application in economics.
5. Students are able to understand the basics of Matrices and will be able to apply the skill on Input Output Model.

UNIT - I STRAIGHT LINE

Straight line – two point, Slope – Point, Intercept Slope and Two intercepts, slope point and intercept formula – Application to Demand and supply functions – equilibrium price and quantity - Quadratic equations and solution – Break Even analysis.

UNIT - II DERIVATIVES

Rules of differentiation – I order and II order differentiation – Application to elasticities, marginal concepts – Maxima and minima. –Maximization of profit, revenue, sales and utility-Minimization of cost

UNIT - III PARTIAL DERIVATIVES

Technique of partial differentiation – Cross Elasticity - Application to production function – monopoly- Price Discrimination – duopoly – revenue, cost and profit functions(simple problems)

UNIT - IV INTEGRATION AND LINEAR PROGRAMMING

Rules of integration – Application to consumer's surplus and producer's surplus – costs and revenues.

UNIT - V MATRICES

Basic concepts and operations on matrices – determinants – Cramer's rule – Matrix inverse – Input – Output analysis.

NOTE: 30% Theory and 70% Problems

TEXT BOOKS:

1. Unit: I Mehta B.C. and Madnani G.M.K. : Mathematics for Economists – Chapter- 4
2. Unit: II Mehta B.C. and Madnani G.M.K. : Mathematics for Economists - Chapter - 6
3. Unit: III Mehta B.C. and Madnani G.M.K. : Mathematics for Economists - Chapter - 8
4. Unit: IV Mehta B.C. and Madnani G.M.K. : Mathematics for Economists - Chapter- 12
Linear Programming: Theory and Applications Catherine Lewis PP 1-25
5. Unit: V Mehta B.C. and Madnani G.M.K. : Mathematics for Economists - Chapter-5

REFERENCES:

1. Allen, R.G.D. : Mathematical Analysis for Economists
2. Chiang.A.C : Fundamental Methods of Mathematical Economics
3. Yamane, Taro : Mathematics for Economists
4. Monga, G.S. : Mathematics and Statistics for Economists
5. swayam course: mathematical economics, https://swayam.gov.in/nd2_ugc19_hs41/preview

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes:

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes										
Semester	Code			Title of the Paper			Hours		Credits	
I	20PEC1CC3			MATHEMATICAL APPLICATIONS IN ECONOMIC ANALYSIS			6		4	
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)				
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	✓	✓		✓	✓	✓	✓	✓	✓	✓
CO2	✓	✓		✓	✓	✓	✓	✓	✓	✓
CO3	✓	✓		✓	✓	✓	✓	✓	✓	✓
CO4	✓	✓		✓	✓	✓	✓	✓	✓	✓
CO5	✓	✓		✓	✓	✓	✓	✓	✓	✓
Number of Matches= 45, Relationship : HIGH										

Prepared by:
Dr. J. MOHAMED ZEYAVUDHEEN

Checked by: Dr. A. HIDHAYATHULLA

Semester	Code	Course	Title of the Course	Hours	Credits	Max. marks	Internal marks	External marks
I	20PEC1CC4	Core – IV	INTERNATIONAL ECONOMICS	6	4	100	25	75

Course Outcomes

1. Students would understand the theoretical basis of international trade formed after second world war
2. Students will be able to measure terms of trade for countries and assess its trend
3. Students would understand partial and general equilibrium frameworks to evaluate the effects of import tariff and import quota. The extra study portion would complement the indirect protectionist policies of the countries
4. Students would understand the statistical recording of economic transactions of countries and be able to measure surplus and deficit to suggest the ways to remove deficit and surplus in balance of payment
5. Students would realise the need for international monetary system, international liquidity and institutions to govern it and would critically judge the desirability or otherwise of international capital and foreign exchange market. The extra study portion would help to relate the developments in foreign exchange market with debt crisis faced by developing countries.

UNIT-I INTERNATIONAL ECONOMICS AND POST HECKSCHER–OHLIN THEORIES

18 hours

International Economics – meaning and scope. International Trade- Features-importance-arguments against. Factor price equalization theorem - International Product Life Cycle theory, Theory of Technological Gap.

UNIT - II TERMS OF TRADE AND BARRIERS TO TRADE

18 hours

Concepts of terms of trade - unfavourable trend in terms of trade for developing countries - Effects of tariffs under partial equilibrium and general equilibrium - # Non-tariff barriers #

UNIT - III BALANCE OF PAYMENTS

18 hours

Balance of trade - Balance of Payments - meaning and components – Measuring Deficit or Surplus - Process of Adjustment through Exchange Rate Depreciation – Devaluation and BOP Adjustment - J-curve effect.

UNIT - IV INTERNATIONAL MONETARY SYSTEM

18 hours

Brettonwoods Monetary System- its collapse and system after the collapse. International Liquidity and Reserves – Nature, Size and Distribution- Reasons for Shortage. International Capital Movements – Meaning – Classification - Influencing Factors – Foreign Direct Investment - Case for and against. Foreign Portfolio Investment - Case for and against.

UNIT – V INTERNATIONAL INSTITUTIONS

18 hours

IMF, UNCTAD and WTO – Objectives, Functions, and Organizational Structure. Developments in Foreign Exchange Markets, Euro-Currency Markets, and International Bond Markets. # International Debt Crisis#

Self Study Portion

TEXT BOOK:

Cherunilam, Francis

International Economics

Unit – I : Chapter: 1, 6 [RV-1-12, 72-80, FC 147-8, FC 159-62]

Unit – II : Chapter:20, [P 170-175, M.L.Jhingan, International Economics6th Edn]

Unit – III: Chapter: 30 [P251-61, M.L.Jhingan, International Economics6th Edn]

Unit – IV: Chapter: 17, 19, 21[RV 432-39, RV451-56, RV 387-411]

Unit – V : Chapter: 27, 20, 28 [465-484, 485-91]

BOOKS FOR REFERENCES:

- | | |
|-----------------------------------|---|
| 1. Soderston, Bo | International Economics |
| 2. Kindle Berger | International Economics |
| 3. Meade J.E. | Theory of International Economic Policy |
| 4. Paul Krugman& Maurice Obstfeld | International Economics |
| 5.Rana and Varma | International Economics |
| 6. M.L.Jhingan | International Economics |
| 7. Mannur H.G. | International Economics |

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes:

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Semester	Code			Title of the Paper			Hours		Credits	
I	20PEC1CC4			INTERNATIONAL ECONOMICS			6		4	
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)				
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	✓		✓		✓	✓	✓	✓		✓
CO2	✓	✓	✓	✓		✓	✓	✓	✓	✓
CO3	✓	✓	✓		✓	✓	✓	✓		✓
CO4	✓	✓	✓	✓		✓	✓	✓		✓
CO5	✓	✓	✓		✓	✓	✓	✓		✓
Number of Matches= 40, Relationship : HIGH										

Prepared by:

Dr. A. HIDHAYATHULLAChecked by: **Dr. J. MOHAMED ZEYAVUDHEEN**

Semester	Code	Course	Title of the Course	Hours	Credits	Max. marks	Internal marks	External marks
I	20PEC1DE1A	DSE – I	ENVIRONMENTAL ECONOMICS	6	4	100	25	75

COURSE OUTCOMES

1. Students are able to explore the theoretical base of the Inter linkages between Environment and Economics.
2. Students can observe the implications of optimal allocation of resources
3. The students are capable to validate the Economics of Environmental Regulations.
4. Students will acquire knowledge to examine the effectiveness of fiscal techniques and market based approach in environmental regulations.
5. It enrich the ability of student to analyse the environmental problems and evaluate the Environmental policies of India

UNIT - I ECONOMY AND ENVIRONMENT INTER LINKAGES

18 hours

Economy and Environment Inter linkages: **The natural environment and human economy: the Neoclassical economics perspective -- The natural environment and human economy: An ecological perspective – Material Balance Principle** -- Effects of Economic Development on Environment – Atmospheric pollution and its effects – Marine pollution – Deforestation – Desertification – Hazardous wastes – Climate changes – Decline of Bio diversity. #
Environmental quality costs of Economic growth #

UNIT - II ECONOMICS OF ENVIRONMENTAL RESOURCES

18 hours

Economic Efficiency: **The optimal trade off between Environmental Quality and Economic Goods -- Classification of Goods -- Environment as a Public Good - Market failure in optimal allocation of resources – Common property Resources and the economic problem – Environmental Externalities and their economic consequences -- # Solutions to externality.** #

UNIT - III ECONOMICS OF ENVIRONMENTAL REGULATIONS

18 hours

Liability Law: Meaning – Environmental regulation through liability laws – its advantages and disadvantages. Property rights or **Coase Theorem**: Coase solution, its advantages and disadvantages. Emission standards: Policy tool to control pollution – Cost effectiveness of Emission Standards – # Advantages and disadvantages of Emission standards (Command and Control Approach).#

UNIT-IV ENVIRONMENTAL REGULATIONS THROUGH FISCAL TECHNIQUES AND MARKET BASED APPROACH

18 hours

Effluent charges: Pollution control through Effluent charges – Optimal level of effluent charges – Effluent charges and pollution control technology – Advantages and disadvantages of Effluent charges. Subsidies – Comparison of Effluent charges and Subsidies. Transferable emission permits (Carbon Trade): Meaning – Working of Transferable emission– #
Advantages and disadvantages of market based approach. #

UNIT - V ENVIRONMENTAL PROBLEMS AND POLICIES IN INDIA

18 hours

Environmental Quality in India – Role of Government – Environmental Laws: Water (Prevention and Control of pollution) Act, Air (Prevention and Control of pollution) Act – The Environment (Protection) Act 1986 – Environmental Movements: CHIPKO, APPIKO, Save Silent Valley Movement – Save Narmada Movement - # Environmental Education.#

Self Study Portion

TEXT BOOKS :

1. T. Eugene : Environmental Economics
2. Ahmed Hussen : Principles of Environmental Economics
3. S. Sankaran : Environmental Economics
4. M.Karpagam : Environmental Economics

Unit - I : Pages: 11 to 30 Text Book 1; Pages: 3 to 40 Text Book 2; Pages : 165 to 169 Text Book 4

Unit - II : Pages: 45 to 64 Text Book 2; Pages Chapter: 24 to 34 Text Book 4.

Unit - III : Pages: 88 to 104 Text Book 2

Unit - IV : Pages: 106 to 123 Text Book 2;

Unit - V : Pages: 237 to 248, Pages: 381 to 402 Text Book 3

BOOKS FOR REFERENCE:

1. Pearce : Environmental Economics
2. Arun C.Vakil : Economics of pollution
3. Dr. H.S. Bhatia : Environmental pollution and control
4. Varatharajan And Elango : Environmental Economics

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes:

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes:										
Semester	Code			Title of the Paper			Hours		Credits	
I	20PEC1DE1A			ENVIRONMENTAL ECONOMICS			6		4	
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)				
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	✓	✓	✓			✓	✓			✓
CO2	✓	✓	✓	✓	✓	✓	✓			✓
CO3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CO4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CO5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Number of Matches= 44, Relationship : HIGH										

Prepared by:
Dr. A. KHAN MOHAMED

Checked by: Dr.J.Mohamed Zeyavudheen.

Semester	Code	Course	Title of the Course	Hours	Credits	Max. marks	Internal marks	External marks
I	20PEC1DE1B	DSE – I	PERSONAL MANAGEMENT	6	4	100	25	75

COURSE OUTCOMES

1. Student will acquire knowledge on nature and importance of Personnel management
2. It increases the capability of the student to explore the need of Personnel Policy.
3. Student can demonstrate the process of Human Resource Planning.
4. Ability to analyse and evaluate the methods and techniques of Human Resource Training and Development.
5. It enables the student to describe the methods of Performance Appraisal.

UNIT- I: PERSONNEL MANAGEMENT

18 hours

Definition of Personnel management – Concept of personnel management - Nature and Importance of Personnel management - Scope and Functions of Personnel Management – Role of Personnel Managers – Character and Qualities of Personnel Managers

UNIT - II: PERSONNEL CONTROL

18 hours

Personnel Policies – Aims and Objectives of Personnel Policies – Need for Personnel Policy – Essentials characteristics of Sound Personnel Policy – Types of Personnel Policies - Personnel Records – Personnel Report- Research and Audit.

UNIT - III: PERSONNEL PLANNING

18 hours

Personnel Planning: Concept, Objectives, Need and Importance – Process Personnel Planning - Job Analysis – Job Design – Recruitment – Selection, Placement and Induction – Career Development.

UNIT - IV: TRAINING AND DEVELOPMENT

18 hours

Training: Concept, Need, Importance and Objectives - Types and Methods of training: On the Job and Off the Job-Career Planning: Meaning, Objectives, Advantages and Limitations

UNIT - V: PERFORMANCE APPRAISAL

18 hours

Definition of Performance Appraisal - Methods of Performance Appraisal : Confidential Report – Rating Scales – Ranking System – Paired-Comparison Method – Forced-Choice Method – Critical Incident Method – Cost Accounting Method – Forced Distribution Method. Problems in Performance Appraisal.

TEXT BOOK:

1. C. B. Mamoria, S.V. Gankar : Personnel Management (Himalaya Publishing House)
2. Arun Monappa, Mirza S Saiyadain Personnel Management (Tata McGraw-Hill Publishing Company Limited)

Unit - I : Pages: 3 to 52 Text Book 1

Unit - II : Pages: 53 to 59, 137 to 152 Text Book 1

Unit - III : Pages: 156 to 182 Text Book 1

Unit - IV : Pages: 277 to 312 Text Book 1

Unit - V : Pages: 207 to 223 Text Book 2

BOOKS FOR REFERENCE:

1. C. B. Gupta : Human Resource Management
2. R.S. Dwivedi : Human Resource Management

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes:

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes:										
Semester	Code			Title of the Paper			Hours		Credits	
I	20PEC1DE1B			PERSONAL MANAGEMENT			6		4	
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)				
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	✓			✓		✓				
CO2	✓		✓			✓	✓	✓		✓
CO3	✓		✓		✓	✓	✓	✓	✓	
CO4	✓	✓	✓	✓	✓	✓		✓		✓
CO5	✓	✓			✓	✓	✓	✓	✓	✓
Number of Matches= 38, Relationship : HIGH										

Prepared by:
Dr. A. KHAN MOHAMED

Checked by: Dr.J.Mohamed Zeyavudheen.

Semester	Code	Course	Title of the Course	Hours	Credits	Max. marks	Internal marks	External marks
II	20PEC2CC5	Core – V	ADVANCED MICRO ECONOMIC THEORY – II	6	5	100	25	75

COURSE OUTCOMES

1. Identify the individual behaviour under uncertainty
2. Discuss about pricing of factors of production
3. Demonstrate walrasian general equilibrium theory
4. Examine pareto optimality conditions in welfare economics
5. Interpret market with asymmetric information.

UNIT: I INDIVIDUAL BEHAVIOUR UNDER UNCERTAINTY 18 hours

Choice involving risk – St. Petersburg paradox and Bernoulli's Hypothesis – N-M utility index under risky situation - Attitude towards Risk – # Friedman-Savage Hypothesis #.

UNIT:II PRICING OF FACTORS OF PRODUCTION 18 hours

Functional versus Personal distribution – Marginal Productivity Theory – Modern theory of pricing of factors of production – Ricardian theory of income distribution – # Marxian theory of distribution #.

UNIT: III GENERAL EQUILIBRIUM THEORY 18 hours

Interdependence in the economy – The Walrasian system – Existence, uniqueness stability of equilibrium – # Static properties of a general equilibrium state #.

UNIT: IV WELFARE ECONOMICS 18 hours

Criteria of social welfare – Pareto optimality, Kaldor, Hicks and Scitovsky criterion – Maximisation of social welfare – # Welfare Maximisation and perfect competition # - critique and extension.

UNIT: V MARKET WITH ASYMMETRIC INFORMATION 18 hours

Introduction-The Market for Lemons Asymmetric Information and the Market failure-The Adverse selection Measures Adopted to Solve the Problem of Adverse selection-The Insurance Market and Adverse selection. The problem of Moral Hazard- Moral Hazard and Allocative Inefficiency- Market signaling - The Principal-Agent Problem in public enterprises - # Efficiency Wage theory #.

Unit-I	: Pages: 697 to 734	T.B.1
Unit-II	: Pages: 735 to 812	T.B.1
Unit-III	: Pages: 815 to 831	T.B.1
Unit-IV	: Pages: 832 to 836	T.B.1
Unit-V	: Pages: 879 to 894	T.B.1

SELF STUDY PORTION

Text book

1. Ahuja H.L: Advanced Economic Theory, Micro Economic Theory, micro economic analysis,
S. Chand company limited, 2018.
2. Diwiedi D.N : USB publishers distributors limited 2018

BOOKS FOR STUDY:

1. John Kennedy.M , Himalaya publishing house 2018
2. Jhinghan M.L, Vrinda publications, 8th Edition 2018

Web Reference : [www. Pearsoned.co.in/dndwivedi](http://www.Pearsoned.co.in/dndwivedi)

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes:

Semester	Code			Title of the Paper			Hours		Credits	
II	20PEC2CC5			ADVANCED MICRO ECONOMIC THEORY – II			6		5	
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)				
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	✓	✓	✓	✓	✓	✓	✓	✓		
CO2	✓			✓	✓	✓		✓		
CO3	✓	✓		✓	✓	✓	✓	✓	✓	✓
CO4	✓	✓	✓	✓	✓	✓		✓		✓
CO5	✓	✓	✓	✓	✓	✓	✓	✓		✓
Number of Matches= 39, Relationship : HIGH										

Prepared by:
Dr. D. KUMAR

Checked by: Dr.J.Mohamed Zeyavudheen:

Semester	Code	Course	Title of the Course	Hours	Credits	Max. marks	Internal marks	External marks
II	20PEC2CC6	Core-VI	MONETARY ECONOMICS	6	5	100	25	75

Course Outcomes:

1. Provide a comprehensive treatment of theories on value of money and to impart knowledge on classical, Keynesian and Friedman's view on money.
2. Acquaint the students with the post Keynesian theories on demand for money.
3. Equip the students with the theoretical aspects of monetarism and to have critical understanding of issues between Keynesianism and monetarism.
4. Familiarize with the concept of money supply, and to make aware of the relationship between money supply and Bop and Budget deficits.
5. Given an understanding of the Macroeconomic policy objectives and tools and their limitations.

UNIT - I VALUE OF MONEY

Cash Transactions Approach-Cash Balance approach-Keynes Reformulated Quantity theory of money-Friedman's Restatement of quantity theory of money.

UNIT - II KEYNESIAN AND POST KEYNESIAN THEORIES OF DEMAND FOR MONEY

Liquidity preference approach-Patinkin's Real balance effect-Baumol's inventory approach-Tobin's Risk aversion theory.

UNIT- III MONETARIST REVOLUTION

Main features of monetarism-Policy differences between monetarism and Keynesianism-Criticism of monetarism.

UNIT - IV MONEY SUPPLY

Meaning of money supply-determinants of money supply-Measures of Money supply in India#-Budget deficits and money supply-Impact of deficit in Balance of payments and large capital inflows on money supply-Concept of sterilization.

UNIT - V MONETARY POLICY

Objectives of Monetary policy# - Qualitative and quantitative tools of Monetary policy-Brief note on Expansionary and Restrictive monetary policy- limitations of monetary policy.
#self study

Text Books

1. M.L. Jhingan-Macro Economic Theory 12th edition
2. H.L.Ahuja- Macro Economic theory and Policy 17th edition

Unit-I: M.L. Jhingan-Macro Economic Theory P: 267-283

Unit-II: M.L. Jhingan-Macro Economic Theory P: 337-346, 391-395

Unit-III: M.L. Jhingan-Macro Economic Theory P: 331-332 &

H.L.Ahuja- Macro Economic theory and policy P: 433-455

Unit-IV: H.L.Ahuja- Macro Economic theory and policy P: 363-369

Unit-V: M.L. Jhingan-Macro Economic Theory P: 545-567, 583.

REFERENCE BOOKS :

1. Macro Economics: Ackley, Gardener,
2. Macro Economic analysis: Edward Shapiro
3. Keynes and Post Keynesian economics – R.D. GUPTA

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes:

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes:										
Semester	Code			Title of the Paper			Hours		Credits	
II	20PE2CC6			MONETARY ECONOMICS			6		5	
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)				
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	✓	✓				✓	✓			✓
CO2	✓	✓		✓	✓	✓	✓	✓	✓	✓
CO3	✓	✓		✓	✓	✓	✓	✓	✓	✓
CO4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CO5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Number of Matches= 43, Relationship : HIGH										

Prepared by:
Dr. A.J. HAJA MOHIDEEN

Checked by: Dr.J.Mohamed Zeyavudheen

Semester	Code	Course	Title of the Course	Hours	Credits	Max. marks	Internal marks	External marks
II	20PEC2CC7	Core-VII	STATISTICAL METHODS FOR ECONOMIC ANALYSIS	6	4	100	25	75

COURSE OUTCOMES

1. Students acquire analytical skill in Statistics
2. Students will be able to identify relevant techniques of averages for respective data types.
3. Students will be able to compute various techniques of dispersion and interpret the results.
4. Students will be able to compute advanced level in correlation and regression and interpret the results.
5. Students will be able to formulate the Hypothesis and identify the relevant test of significance to interpret the data.

Unit: I

Meaning of average – Types of average: arithmetic mean (for raw data, ungrouped frequency distribution and grouped frequency distribution), median (for raw data, ungrouped frequency distribution and grouped frequency distribution), mode (for raw data, ungrouped frequency distribution and grouped frequency distribution), Geometric mean, Harmonic Mean– quartiles– deciles – percentiles.

Unit: II

Meaning of dispersion – types of dispersion: range, quartile deviation, mean deviation, Standard Deviation and Variance – coefficient of variation – combined standard deviation – Lorenz curve.

Unit: III

Concept of correlation – types of correlation – simple correlation – Karl Pearson's coefficient of correlation – partial correlation – multiple correlation – Spearman's rank correlation coefficient – properties and uses of correlation. Meaning of regression – simple and multiple linear regression – properties of regression coefficients – coefficient of determination.

Unit: IV

Population and sample- Parameter and statistic-(Census method and sampling method of Data collection); Objects of Sampling- Methods of Sampling- Random and Non- Random; Techniques of sampling under each method- Sampling Error and Non-Sampling error-Sampling distribution of a Statistic.

Unit : V

Formulation of Statistical Hypothesis; Testing of Hypothesis-Null Hypothesis and Alternative Hypothesis-Stages in Hypothesis testing-Types of Error in Hypothesis testing- Type I error and Type II error-Level of Significance and confidence coefficient-Critical region or rejection region; Two tailed test and one-Tailed Test; Computation of Test statistic and significance Test-small sample test- 't' Test- χ^2 test- F test; Large sample test- Z test; Analysis of Variance

TEXT BOOKS:

1. Unit: IS.P.Gupta : Statistical Methods – Chapter 7
2. Unit: IIS.P.Gupta : Statistical Methods – Chapter 8
3. Unit: IIIS.P.Gupta : Statistical Methods
Chapter 10 & 11(volume 1) and 9 (volume 2)
4. Unit: IVS.P.Gupta : Statistical Methods – Chapter 3 (Volume 2)
5. Unit: IVS.P.Gupta : Statistical Methods – Chapter 3 (Volume 2)
6. <https://www.edx.org/course/statistics-for-business-i>

BOOKS FOR REFERENCE:

- | | |
|---------------------------------|-------------------------------------|
| 1. Yamane.T | : Statistical Methods |
| 2. Croxten and Cowden | : Statistics |
| 3. D.N. Elhance & Veena Elhance | : Fundamentals of Statistics |
| 4. Sivathanupillai | : Economics and Business Statistics |

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes:

Semester	Code		Title of the Paper				Hours		Credits	
II	20PEC2CC7		STATISTICAL METHODS FOR ECONOMIC ANALYSIS				6		4	
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)				
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	✓	✓		✓	✓	✓	✓	✓		✓
CO2	✓	✓		✓	✓	✓	✓	✓		✓
CO3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CO4	✓	✓		✓	✓	✓	✓	✓	✓	✓
CO5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Number of Matches= 45, Relationship : VERY HIGH										

Prepared by:

Dr. J. MOHAMED ZEYAUVDHEEN

Checked by: Dr. A. HIDHAYATHULLA

Semester	Code	Course	Title of the Course	Hours	Credits	Max. marks	Internal marks	External marks
II	20PEC2CC8	Core-VIII	EVOLUTION OF ECONOMIC THOUGHT	6	4	100	25	75

Course Outcomes:

1. Students will be identify the origins of economic thought in the ancient world including the scholastics and the emergence of ancient India.
2. Students will be review to identify the links between the development of Medieval, Pre-Classical, Mercantilist and Physiocracy.
3. Students will be analyze the development of Classical Economic Doctrines.
4. Students will be appraise the perspectives of Nationalism, Institutionalism and Historical School.
5. Students will be able to examine the historical context of the Socialism, Marginalism and Keynesianism, which have challenged mainstream doctrines.

UNIT - I ANCIENT ECONOMIC THOUGHT

18 hours

Characteristic features and Significance of ancient economic thought – Contributions of early thinkers: Characteristics of Hebrew economic thought - Greek economic thought: Plato's thoughts – Aristotle's economic ideas – Xenophon's thoughts – Contributions of the Greek stoics and epicureans – Features of the Greek thought - Contributions of Roman thinkers – roman jurists' views - Economic thought in ancient India: Economic ideas of Kautilya's Arthashastra – Economic ideas of Thiruvalluvar. # Chief characteristics of ancient Indian economic thought.#

UNIT - II MEDIEVAL AND PRE- CLASSICAL THOUGHT

18 hours

Characteristics of Early Medieval Social Order - Characteristics of Later Medieval Society – St. Thomas Aquinas Views - Nicole Orsme's ideas – Contribution of early Muslim scholars to economic thought: Abu Yusuf, Gazali, Ibn Themiah, and Ibn Khaldun - Economic Thought in Medieval India.

Pre-Classical Economic Thought: Mercantilism: Factors, Concepts of Mercantilism, Thomas Mun, Critism of Mercantilism - Physiocracy: Factors, Ideas of Physiocrats – Quesnay – Tableau Economique – Critical Estimate.

UNIT - III CLASSICAL ECONOMIC THOUGHT

18 hours

Classical Economic Doctrines: Individualism – Harmony of Interests – Liberalism – Free Trade – Full Employment. Classical Objectivism - Deductive Analysis.

UNIT – IV REACTIONS AGAINST CLASSICISM - I

18 hours

The Nationalistic critics: Adam Heinrich Muller – Friedrich List – Critical assessment of National School.

The German Historical critics: Circumstances leading to Historical School- Characteristics of Older Historical School: Wilhelm Roscher – Bruno Hildebrand – Karl Knies – Characteristics, Critical ideas of Younger Historical School: Gustav Schmoller – Werner Sombart – #Positive ideas and Estimate of Historical School. #

Institutionalism: Institutionalism and Classism – Characteristic features of Institutionalism – Economic ideas of Veblen.

UNIT - V REACTIONS AGAINST CLASSICISM - II**18 hours**

The Socialistic critics: Evolution of Social Thought – Early socialists: St.Simon – Sismondi – Utopian Socialists: Robert Owen – State Socialists: Karl Rodbertus – Scientific Socialists: Karl Marx.

The Subjectivism and Marginalism: Factors giving rise to subjectivism or marginalism – Basic ideas of marginalism – Hermann Heinrich Gossen – William Stanley Jevons.

The Keynesian Revolution: Keynesian under Employment Equilibrium – Role of Government – Keynes and Classical Economists.

Self Study Portion**TEXT BOOKS:**

1. T.N. Hajela : History of Economic Thought
2. K.P.Bhatnagar, Satish Bahadur and B.S.Mudgal : A History of Economic Thought
3. Abul Hassan M. Sadeq and Aidit Ghazali : Readings in Islamic Economic Thought,

Unit - I : Text Book 1 Chapter: 2, 37

Unit - II : Text Book 1 Chapter: 3, 4, 5 Text Book 3 Chapter: 3, 4

Unit - III : Text Book 1 Chapter: 6 Text Book 2 Chapter:7

Unit - IV : Text Book 1 Chapter: 12, 13, 14, 25

Unit - V : Text Book 1 Chapter: 21, 15, 16, 17, 18, 29

BOOKS FOR REFERENCE :

1. Sankaran : History of Economic Thought
2. V.Lokanathan : A History of Economic Thought
3. B.W. Ganguli : Economic Theory
4. H.L. Bhatia : History of Economic Thought
5. Srivastava : History of Economic Thought
6. K.V. Sundaram : Economic Thought

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes:

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes:										
Semester	Code			Title of the Paper			Hours		Credits	
II	20PEC2CC8			EVOLUTION OF ECONOMIC THOUGHT			6		4	
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)				
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	✓	✓				✓		✓		✓
CO2	✓	✓		✓		✓		✓		✓
CO3	✓	✓		✓		✓		✓		✓
CO4	✓	✓	✓	✓	✓	✓		✓		✓
CO5	✓	✓	✓	✓	✓	✓		✓		✓
Number of Matches= 33, Relationship : Moderate										

Prepared by:
Dr. B. MOHAMED RAFAEEQ

Checked by: **Dr.J.Mohamed Zeyavudheen**

Semester	Code	Course	Title of the Course	Hours	Credits	Max. marks	Internal marks	External marks
II	20PEC2DE2A	DSE – II	EXPORT MANAGEMENT	6	4	100	25	75

COURSE OUTCOMES

1. Equip the Students to understand the export management Concepts and functions.
2. Analyze the Trend of India's Export
3. Describe the Export Policy, Promotion and Regulations
4. Given an understanding of Export pricing and Finance.
5. Familiarize export procedure and incentives.

UNIT: I Introduction to Export Management 18 hours

Export management: Definition, Need, Nature, Features and Process - Functions of an export manager, Organization structure of an export firm.

UNIT: II India's Export 18 hours

Trends in India's export since independence, Composition of India's export, Direction of India's export, India's share in world trade, Reasons for India's poor share in world trade, Export of services.

UNIT: III Export Policy, Promotion and Regulations 18 hours

Export policy- new export policy- export promotion capital goods scheme- export promotion measures- infrastructure setup and aids- export promotion councils- commodity board – ITPO –FIEO -STC

UNIT: IV Export Pricing and Finance 18 hours

Export Pricing – Factors determining export price, Export pricing objectives, Export pricing quotations, Marginal cost pricing, Break even pricing, Export pricing strategies. Export Finance – Types of export finance, Features of pre-shipment and post-shipment finance, Methods of payment, Role of commercial banks and EXIM bank in export finance, # Role of ECGC in export cover.#

UNIT: V Export Procedure and Incentives 18 hours

Stages in export procedure, Shipping and Customs formalities, Banking procedure, Procedure for realization of export incentives, Main export incentives available to Indian exporters.

Self Study Portion

Mooc course prided by IIFT / Delhi

TEXT BOOK:

T. A. S. Balagopal : Export Management

Unit - I : Chapter: 4

Unit - II : Chapter: 2

Unit - III : Chapter: 3

Unit - IV : Chapter: 6

Unit - V : Chapter: 8

BOOKS FOR REFERENCE:

- | | |
|---------------------------------------|--|
| 1. P. K. Khurana | : Export Management |
| 2. D. C. Kapoor | : Export Management |
| 3. Francis Cheruuilam | : Export Management |
| 4. R. L. Varshney and B. Bhattacharya | : International Marketing Management – An Indian Perspective |
| 5. P. K. Vasudeva | : International Marketing |

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes:

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes										
Semester	Code			Title of the Paper			Hours		Credits	
II	20PEC2DE2A			EXPORT MANAGEMENT			6		4	
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)				
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	✓					✓				✓
CO2	✓	✓			✓	✓	✓		✓	✓
CO3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CO4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CO5	✓		✓	✓	✓	✓		✓	✓	✓
Number of Matches= 38, Relationship : HIGH										

Prepared by:
Dr. K.N. MOHAMED FAZIL

Checked by: Dr.J.Mohamed Zeyavudheen

Semester	Code	Course	Title of the Course	Hours	Credits	Max. marks	Internal marks	External marks
II	20PEC2DE2B	DSE – II	INDUSTRIAL ECONOMICS	6	4	100	25	75

Course Outcomes

1. Students will be able to paraphrase the problems and pattern of Industrialisation
2. Students will acquire the skill of identifying the industrial location
3. Students will be able to determine the factors affecting the productivity and progress of industries.
4. Students will be able to deduce the industrial regulations in India.
5. Students will be able to summarise the problems of industries in India.

Unit I: Basic Problems in Industrial Economics

18 hours

Definition and scope of industrial economics -Concepts: Industry, firm, market, market structure, market power, market conduct and market performance - Classification of firms: based on ownership - sector (industries, formal vs. Informal) - size and use - Objectives of firms; Structure-conduct-performance paradigm - Industrialization: meaning, Role and the Pattern Of Industrialization – Determinants Of Industrial Growth – Factors Affecting Industrialization.

Unit II: Industrial Location

18 hours

Factors affecting Industrial Location- Decentralisation of Industries –Theories: Weber's theory – Market Area theory - Sargent Florenc's – Hoover's Theory - Profit Maximizing Theory – Operational approach to Industrial Location – Industrial Locational trends in India.

Unit III: Productivity and Cost-Benefit Analysis

18 hours

Meaning - Tools of productivity - Factors influencing industrial productivity – significance of productivity measurement – misinterpretation of productivity. Stages of project evaluation – methods of evaluation – CBA: criteria, evaluation on the basis of benefit, evaluation on the basis of cost – limitations of cost benefit analysis - cost benefit analysis in India.

Unit IV: Policies and Industrial Growth in India

18 hours

Industrial Policy 1948 – Industrial Policy Resolution 1956 – New Industrial Policy 1991 – Industrial Licensing Policy – National Manufacturing Policy 2011 – National Investment and Manufacturing Zone

UNIT- V: LARGE SCALE INDUSTRIES IN INDIA

18 hours

Development and Problems of Large Scale Industries In India - Large Scale Industries : Iron and Steel Industry – Sugar – Cement – Jute – Cotton and Textile Industry – # Automobile Industry .

Self Study Portion

Text Book

Unit-I : Pages: 1 to 20 - Renjana Seth, Industrial Economics, Ane Books Pvt. ltd, New Delhi.

Unit-II : Pages: 213 to 245 Renjana Seth, Industrial Economics, Ane Books Pvt. ltd, New Delhi& Industrial Economics R.R. Barthwal - 337-346

Unit-III : Pages: 125-142 Renjana Seth, Industrial Economics, Ane Books Pvt. ltd, New Delhi.

Unit-IV : Pages: 143 to 164 Renjana Seth, Industrial Economics, Ane Books Pvt. ltd, New Delhi.

Unit-V : Pages: 177 to 198 Renjana Seth, Industrial Economics, Ane Books Pvt. ltd, New Delhi.

References

1. Ahluwalia, I. J. (1985), Industrial Growth in India: Stagnation in the Mid Sixties, Delhi: Oxford University Press.
2. Aiginger, K., D. C. Mueller and C. Weiss (1998), 'Objectives, topics and methods in industrial organization during the nineties: Results from a survey', International Journal of Industrial Organization, 16(6), pp. 799–830.
3. Armstrong, M. and R. Porter (eds.) (2007), Handbook of Industrial Organization, Vol.3. North Holland.
4. Bhat, T.P. (2013), 'Growth and Structural Changes in Indian Industries', ISID Working Paper, No. 2103/02, New Delhi: Institute for Studies in Industrial Development.
5. Ferguson, P. and G. Ferguson (2003), Industrial Economics Issues and Perspectives, Palgrave Macmillan.
6. Hay, D. A. and D. J. Morris (1991), Industrial Economics and Organization: Theory and Evidence, Oxford University Press.
7. Krishna, K.L. (2011), 'Industrial growth and Diversification' in Uma Kapila (Ed.), Indian Economy Since Independence, 19th edition, 2010–11, New Delhi: Academic Foundation.
8. Nagjar, R. (2003), 'Industrial Policy and Performance since 1980: Which Way Now?', Economic & Political Weekly, 38(35), pp. 3707–3715.
9. Schmalensee, R. L. (1988) 'Industrial Economics: An Overview', Working Paper No. 1997-88, Sloan School of Management, Cambridge: Massachusetts Institute of Technology.
10. Shy, O. (1996), Industrial Organization: Theory and Applications, MIT Press. 11. Tirole, J. (1998), The Theory of Industrial Organization, MIT Press.

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes:

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes:										
Semester	Code			Title of the Paper			Hours		Credits	
II	20PEC2DE2B			INDUSTRIAL ECONOMICS			6		4	
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)				
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	✓					✓	✓	✓		✓
CO2	✓	✓			✓	✓	✓	✓		✓
CO3	✓	✓	✓	✓		✓	✓	✓		✓
CO4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CO5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Number of Matches= 40, Relationship : HIGH										

Prepared by:
Dr. J. KHADER SHARIEF

Checked by: Dr.J.Mohamed Zeyavudheen